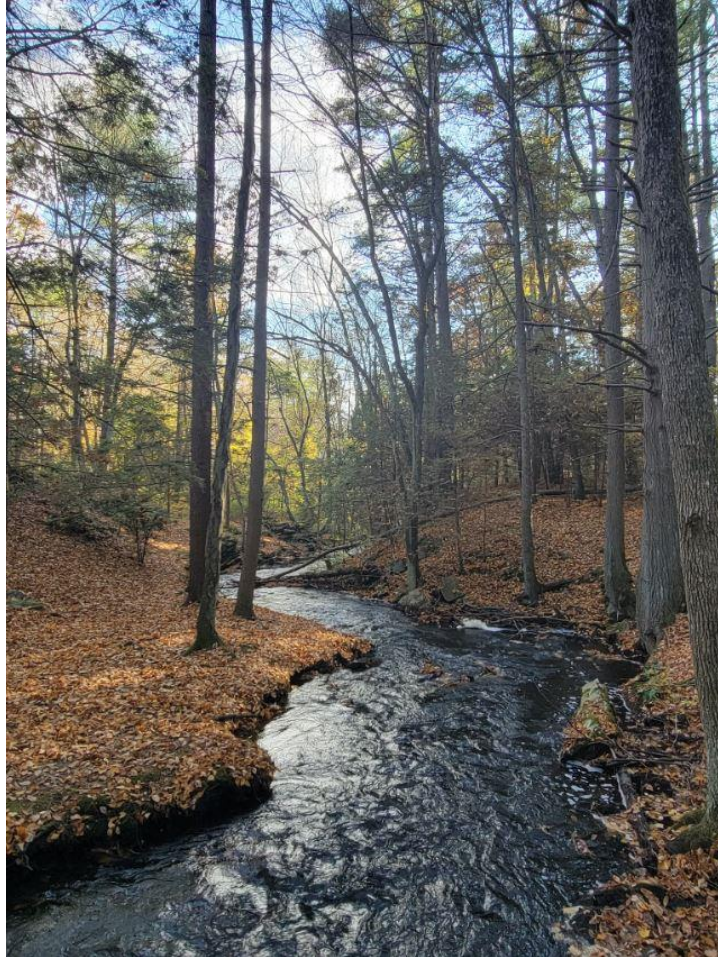


# **RIPDES PHASE II 2024 ANNUAL REPORT YEAR 21**



**TOWN OF SMITHFIELD  
64 FARNUM PIKE  
SMITHFIELD, RI 02917**



**RIPDES SMALL MS4 ANNUAL REPORT  
RIPDES PERMIT NO. RIR040034**

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## RIPDES SMALL MS4 ANNUAL REPORT GENERAL INFORMATION PAGE

RIPDES PERMIT #RIR0400 34

REPORTING PERIOD:

☒ **YEAR 21**

Jan 2024-Dec 2024

### OPERATOR OF MS4

|                                                                                        |                                 |            |                        |
|----------------------------------------------------------------------------------------|---------------------------------|------------|------------------------|
| Name: TOWN OF SMITHFIELD                                                               |                                 |            |                        |
| Mailing Address: 64 FARNUM PIKE                                                        |                                 |            |                        |
| City: SMITHFIELD                                                                       | State: RI                       | Zip: 02917 | Phone: ( 401) 233-1000 |
| Contact Person: Robert Seltzer                                                         | Title: Interim Town Manager     |            |                        |
|                                                                                        | Email: chief@smithfieldfire.com |            |                        |
| Legal status (circle one):                                                             |                                 |            |                        |
| PRI - Private <b>PUB - Public</b> BPP - Public/Private    STA - State    FED - Federal |                                 |            |                        |
| Other (please specify):                                                                |                                 |            |                        |

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

|                     |        |      |        |
|---------------------|--------|------|--------|
| Name: SAME AS ABOVE |        |      |        |
| 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    Robert Seltzer

Print Title    Interim Town manager

Signature    \_\_\_\_\_ Date    \_\_\_\_\_





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

### SECTION I. OVERALL EVALUATION:

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

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

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

**Responsible Party Contact Name & Title:** Joshua Jelley, Town Engineer/Gavin Lopes, Engineering Assistant

**Phone:** 401-233-1041 **Email:** [jjelley@smithfieldri.gov](mailto:jjelley@smithfieldri.gov) / [glopes@smithfieldri.gov](mailto:glopes@smithfieldri.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.

The Smithfield Land Trust organizes and offers educational programs for young school children, introducing them to conservation concepts and encouraging them to recognize their impact on the environment. Additionally, the Trust participates in "Land Trust Days," which feature guided walks on their properties to educate the public about the history, plants, and wildlife habitats within the Town's natural areas.

The Smithfield Engineering Department routinely inspects and maintains storm drain markers on catch basins throughout the Town. It also distributes various educational brochures at Town Hall and on the Town website to inform the public on ways to reduce stormwater pollution and enhance water quality. Key pollutants of concern associated with stormwater include, but are not limited to, waterfowl and pet waste, septic system pollution, fertilizer overuse, hazardous products, car washing, disposal of medications, agricultural runoff, sediment, swimming pool drainage, and litter.

These education activities are appropriate and effective since they promote public awareness and involvement. Materials used for public education are listed in **Appendix A**. Parties responsible for achieving measurable goals include the Town of Smithfield Engineering Department and RIDOT.

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 public education program primarily includes storm drain markers, brochures, magazine articles, and websites to inform the community. The locations of the Town's MS4 structures are also accessible online at <https://smithfieldri.mapgeo.io/datasets/properties?abuttersDistance=100&latlng=41.900753%2C-71.528558>. As mentioned in previous years, the public education program is not a coordinated effort among all involved groups, but rather consists of separate initiatives with different goals and methods. Despite this, the program effectively educates the public about the impact of stormwater pollution.

In 2024, the Town collaborated with NEMO, RIDEM, RIDOT, and the Woonasquatucket River Watershed Council. Additional partnerships include the Smithfield Conservation Commission, Smithfield Land Trust, EPA, Georgiaville Pond Association, University of Rhode Island, various American Legions, Veterans of Foreign Wars, and Town Staff.

Through its partnership with Smithfield Land Trust, we protected two lots of land totaling almost 36 acres. These parcels of land that are being conserved contain wetlands, streams and borders the Stillwater Reservoir as well as Stump Pond.

Through its partnership with the Woonasquatucket River Watershed Council, the Town is working to address both downstream and upstream flooding in the Woonasquatucket River watershed. This effort, which began in 2024, is ongoing.

The Town was authorized to participate in the CSSLP in December 2022 and continued accepting applications in 2024.

**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"/> Construction Sites                          | All of the above   | Sediment, solids           | Webpage, public events, newspaper ads.      |
| <input checked="" type="checkbox"/> Pesticide and Fertilizer Application        | All of the above   | Phosphorus, Chemicals      | Same as above                               |
| <input checked="" type="checkbox"/> General Stormwater Management Info          | All if the above   | Sediment, Solids           | Same as above                               |
| <input checked="" type="checkbox"/> Pet Waste Management                        | All of the above   | Bacteria & Parasites       | Same as above                               |
| <input checked="" type="checkbox"/> Household Hazardous Waste Disposal          | All of the above   | Chemicals                  | Same as above                               |
| <input checked="" type="checkbox"/> Recycling                                   | All of the above   | Trash & Litter             | Same as above                               |
| <input type="checkbox"/> Illicit Discharge Detection and Elimination            |                    |                            |                                             |
| <input type="checkbox"/> Riparian Corridor Protection/Restoration               |                    |                            |                                             |
| <input type="checkbox"/> Infrastructure Maintenance                             |                    |                            |                                             |
| <input type="checkbox"/> Trash Management                                       |                    |                            |                                             |
| <input type="checkbox"/> Smart Growth                                           |                    |                            |                                             |
| <input checked="" type="checkbox"/> Vehicle Washing                             | All of the above   | Soap, Phosphorus           | Same as above                               |
| <input checked="" type="checkbox"/> Storm Drain Marking                         | All of the above   | Bacteria, Chemicals, Trash | Same as above                               |
| <input checked="" type="checkbox"/> Water Conservation                          | All of the above   | Waste. Water Discharge     | Same as above                               |
| <input checked="" type="checkbox"/> Green Infrastructure/Better Site Design/LID | All of the above   | Sediment, Soilds           | Same as above                               |
| <input type="checkbox"/> Wetland Protection                                     |                    |                            |                                             |
| <input checked="" type="checkbox"/> Other: Septic System Maintenance            | All of the above   | Bacteria                   | Webpage, public events, newspaper ads. OWMP |
| <input type="checkbox"/> None                                                   |                    |                            |                                             |

**Additional Measurable Goals and Activities**

Please list all stormwater training attended by your staff during the 2024 calendar year and list the name(s) and position of all staff who attended the training.

Trainings: RI Stormwater Innovation Expo

Attending name of staff and title: Joshua Jelley, – Town Engineer

Attending name of staff and title: Gavin Lopes – Engineering Assistant

Trainings: Emerging Stormwater Technologies in Rhode Island: Cultec Separator Row & Stormtech Isolator Row PLUS  
Qualified Construction Stormwater Inspector Training

Attending name of staff and title: Gavin Lopes – Engineering Assistant



## 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:** Joshua Jelley-Town Engineer / Gavin Lopes – Engineering Assistant

**Phone:** 401-233-1041

**Email:** [jjelley@smithfieldri.gov](mailto:jjelley@smithfieldri.gov) / [glopes@smithfieldri.gov](mailto:glopes@smithfieldri.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 primary audience for these efforts consists of Town residents, with the sources of stormwater pollution in Smithfield varying across the community. The Town does not offer a wide range of activities targeted at these groups, but any opportunity related to stormwater management, water quality, or pollution control is shared through public postings, the Town website, local newspapers, or word of mouth. The Smithfield Land Trust organizes educational programs focused on land preservation, which also promote stormwater source protection as part of their conservation efforts. These programs introduce the public to conservation concepts and encourage participation in various relevant issues. See Appendix B for further details. The key parties responsible for these activities include local schools and teachers, the Smithfield Conservation Commission, the Georgiaville Pond Association, the Woonasquatucket River Watershed Council, RIDOT, Public Works, the Town Planner, the Smithfield Land Trust, and the Town Engineer.

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

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

#### Additional Measurable Goals and Activities

During the past reporting year, Earth Day cleanup efforts concentrated on several locations within the Woonasquatucket River Watershed, including local walking paths, fishing spots, and the Georgiaville Pond and Beach areas. Additionally, various recycling events were held at the DPW, including those for electronics, hazardous household waste, mattresses, paper shredding, and composting workshops. These events also served as opportunities to educate the public.

**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"/> YES <input type="checkbox"/> NO                                                                                                                                                                                                                                            | If YES, Date of Public Notice: Thursday, February 22 & February 28, 2024 within the Observer/Valley Breeze Publication. |
| How was public notified:<br><input type="checkbox"/> List-Serve (Enter # of names in List: _____) <input checked="" type="checkbox"/> Newspaper Advertising<br><input type="checkbox"/> TV/Radio Notices <input type="checkbox"/> Town Hall posting<br><input checked="" type="checkbox"/> Website <input type="checkbox"/> Other:<br>Enter Web Page URL: <a href="http://smithfieldri.com/engineer">http://smithfieldri.com/engineer</a> |                                                                                                                         |
| Was public meeting held? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO<br>Date: March 18, 2025<br><div style="text-align: right;">Where: Smithfield Town Hall,<br/>Town council Meeting- Public Hearing</div>                                                                                                                                                                                                       |                                                                                                                         |
| <b>Summary of public comments received:</b>                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                         |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>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.</p> <p><b>(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.)</b></p> <p><b>Responsible Party Contact Name &amp; Title:</b> <u>Joshua Jelley, Town Engineer / Gavin Lopes, Engineering Assistant</u></p> <p><b>Phone:</b> <u>401-233-1041</u> <b>Email:</b> <u>glopes@smithfieldri.gov</u></p> <p><b>Has this person received training on Illicit Discharge Detection and Elimination (IDDE)?</b> <u>Yes</u></p> <p><b>If yes, when and where?</b> _____</p> <p><b>If no, who is trained on IDDE?</b> _____</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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><b>Number of Outfalls Mapped within regulated area:</b> <u>269</u></p> <p><b>Percent Complete:</b> <u>100%</u></p> <p><b>If 100% Complete, Provide Date of Completion:</b> <u>2003, updated annually as added</u></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <p>The original outfall map was developed by a consultant hired by the Town in 2003 and submitted to the RIDEM for the 2003 reporting year with a total of 121 outfalls. Since, the Smithfield Engineering Department has undertaken the task of mapping and editing the MS4 owned and operated drainage infrastructure. The mapping is complete but is continuously being expanded and updated as new systems come online. An updated Excel file of the Town outfalls is attached in <b>Appendix D</b>.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| IV.B.3.b.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>Indicate if your MS4 chose to implement the tagging of outfalls activity under the IDDE minimum measure, activities and actions undertaken under the 2024 calendar year.</p> <p>Smithfield has chosen to GPS locate outfalls and import collected field data into GIS layers instead of implementing the tagging of outfalls.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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> <p>The Smithfield Engineering Department has concentrated on GPS recording all Town-owned and operated MS4 components. Nearly all features have been located and the associated data updated in GIS layers, with only a small number remaining. Outfalls, catch basins, manholes, pipes, and their connections were identified and verified in the field using a handheld GPS, then converted into GIS layers. Additional details, such as pipe in/out, size, material, structural condition, general maintenance, and any non-permitted or illicit connections/discharges, were also documented. This effort was not directly related to tracing illicit discharges, but it has contributed to comprehensive inspections of the Town's drainage infrastructure and aids in identifying potential sources of illicit connections.</p> |
| IV.B.3.b.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>Indicate if the IDDE ordinance was <b>not</b> developed, adopted, and submitted to RIDEM, explain reasons why, submit proposed schedule for completion and identify person(s) / Department and/or parties responsible for the completion of this requirement.</p> <p><b>Date of Adoption:</b> <u>January 4, 2011</u></p> <p>If the Ordinance was amended in 2024, please indicate why changes were necessary.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

**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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p>When an illicit discharge complaint is received, it is documented on a form submitted by the complainant. A representative from the Engineering Department then conducts a field investigation based on the recorded complaint. The findings are promptly shared with the complainant, and appropriate action is taken. If an illicit connection is discovered, the property owner responsible for the discharge is issued a violation letter and given a specified time frame to remove the connection. All corrective work is inspected by either the Engineering Department or the Department of Public Works (DPW).</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| IV.B.3.b.5.vi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>Use the space below to provide summary of implementation of catch basin and manhole inspections for illicit connections and non-stormwater discharges. If the required measurable goal of inspecting all catch basins and manholes for this purpose was not accomplished, please indicate reasons why, the proposed schedule of completion and identify person(s) / Department and/or parties responsible for the implementation of this requirement. Evaluate effectiveness of the implementation of this requirement. The operator must keep records of all inspections and corrective actions required and completed.</p> <p><b>Number of Catch Basins and Manholes Inspected for illicit connections/IDDE: <u>203</u></b><br/> <b>Percent Complete: <u>11%</u></b><br/> <b>Date of Completion: <u>Ongoing</u></b></p>                                                                                                                                                                                                                                                                          |
| <p>The Town's catch basins and drain manholes are mapped, inspected, and documented annually by trained staff as part of routine cleaning and maintenance operations. While this process has been effective, it has not led to the identification of new illicit discharges during this reporting year. Maintenance crews performing drain services are required to report any signs of illicit non-stormwater sources encountered during their routine inspections.</p>                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| IV.B.3.b.5.vii                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>If dry weather surveys including field screening for non-stormwater flows and field tests of selected parameters and bacteria were not completed, indicate reasons why, proposed schedule for the completion of this measurable goal and person(s) / Department and/or parties for the completion of this requirement. Evaluate effectiveness of the implementation of this requirement. <b>The results of the dry weather survey investigations 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 must include a report of all outfalls and indicate the presence or absence of dry weather discharges.</b></p> <p><b>Number of Outfalls Surveyed Jan-Apr: <u>26</u>      Number of Outfalls Surveyed Jul-Oct: <u>28</u></b><br/> <b>Percent Complete: <u>30%</u></b><br/> <b>Date of Completion: <u>ongoing</u></b></p> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>No coordination in 2024. Town Engineers Office would facilitate coordination effort to mitigate illicit sources connected to, or inter-connected to the MS4.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No non-stormwater discharges were referred to RIDEM during the past year. The Smithfield Engineering Department is responsible for the implementation of this requirement.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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. |
| <p>These opportunities were posted at the Smithfield Town Hall informing residents of the following:</p> <ul style="list-style-type: none"> <li>Public notices for trash, recycling and other waste disposal are posted on the Town's website.</li> <li>An IDDE Ordinance which lists allowable non-stormwater discharges and hazards associated with illicit discharges.</li> </ul> <p>The efforts taken to inform the general public about the hazards with illegal discharges and improper disposal of waste include the efforts previously mentioned under sections IV.B.1.b.1 and IV.B.2.b.2.ii. This includes, but is not limited to, the "10 Things You Can Do to Improve Water Quality in Rhode Island", "10 Things You Can Do to Prevent Stormwater Runoff Pollution", "How to Dispose of Medicines Properly" and "After the Storm", brochures includes information on minimizing the use of hazardous products and how to properly dispose of hazardous products. The information is posted on the Town Engineer webpage and available at the Town Hall.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p><b>Additional Measurable Goals and Activities</b></p> <p>1. The Smithfield Engineering Department maintains "No Dumping – Drains to Waterways" storm drain markers on over 1000+ catch basins throughout the Town.</p> <p>2. The location of Smithfield's MS4 structures has been made available for the public to view online at <a href="https://smithfieldri.mapgeo.io/">https://smithfieldri.mapgeo.io/</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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

| # of Illicit Discharges Identified in 2024: 0                                                                                                                                                                                | # of Illicit Discharges Tracked in 2024: 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                          |                                                      |       |                        |                          |                                     |                          |                          |  |                          |                                     |                          |                          |  |                          |                                     |                          |                          |                                                      |                          |                                     |                          |                          |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|------------------------------------------------------|-------|------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--|--------------------------|-------------------------------------|--------------------------|--------------------------|--|--------------------------|-------------------------------------|--------------------------|--------------------------|------------------------------------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--|
| # of Illicit Discharges Eliminated in 2024: 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): 18                                                                                                                                                            | Total # of Illicit Discharges remaining unresolved at the end of 2024: 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                          |                                                      |       |                        |                          |                                     |                          |                          |  |                          |                                     |                          |                          |  |                          |                                     |                          |                          |                                                      |                          |                                     |                          |                          |  |
| <p><b>Summary of Enforcement Actions:</b></p> <p>A number of resident complaints filed result in minor ground water issues, ice freezing on roadways or sump pumps from buildings creating nuisances along public roads.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                          |                                                      |       |                        |                          |                                     |                          |                          |  |                          |                                     |                          |                          |  |                          |                                     |                          |                          |                                                      |                          |                                     |                          |                          |  |
| <p>Total # of Outfalls identified and mapped to date: 269</p> <p>Total # of Interconnections with other MS4s identified and mapped to date: 131</p> <p>Extent to which the MS4 system has been mapped (% complete): 99%</p>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                          |                                                      |       |                        |                          |                                     |                          |                          |  |                          |                                     |                          |                          |  |                          |                                     |                          |                          |                                                      |                          |                                     |                          |                          |  |
| Identify how the following components of the MS4 system have been mapped:                                                                                                                                                    | <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th style="width: 15%;">Not mapped</th> <th style="width: 15%;">GIS</th> <th style="width: 15%;">Auto CAD</th> <th style="width: 15%;">Paper</th> <th style="width: 40%;">Other (please specify)</th> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <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"/> Partially Mapped</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> </table> | Not mapped               | GIS                      | Auto CAD                                             | Paper | Other (please specify) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Partially Mapped | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
| Not mapped                                                                                                                                                                                                                   | GIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Auto CAD                 | Paper                    | Other (please specify)                               |       |                        |                          |                                     |                          |                          |  |                          |                                     |                          |                          |  |                          |                                     |                          |                          |                                                      |                          |                                     |                          |                          |  |
| <input type="checkbox"/>                                                                                                                                                                                                     | <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> | <input type="checkbox"/> |                                                      |       |                        |                          |                                     |                          |                          |  |                          |                                     |                          |                          |  |                          |                                     |                          |                          |                                                      |                          |                                     |                          |                          |  |
| <input type="checkbox"/>                                                                                                                                                                                                     | <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> | <input type="checkbox"/> |                                                      |       |                        |                          |                                     |                          |                          |  |                          |                                     |                          |                          |  |                          |                                     |                          |                          |                                                      |                          |                                     |                          |                          |  |
| <input type="checkbox"/>                                                                                                                                                                                                     | <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Partially Mapped |       |                        |                          |                                     |                          |                          |  |                          |                                     |                          |                          |  |                          |                                     |                          |                          |                                                      |                          |                                     |                          |                          |  |
| <input type="checkbox"/>                                                                                                                                                                                                     | <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> | <input type="checkbox"/> |                                                      |       |                        |                          |                                     |                          |                          |  |                          |                                     |                          |                          |  |                          |                                     |                          |                          |                                                      |                          |                                     |                          |                          |  |
| Catch basins                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                          |                                                      |       |                        |                          |                                     |                          |                          |  |                          |                                     |                          |                          |  |                          |                                     |                          |                          |                                                      |                          |                                     |                          |                          |  |
| Manholes                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                          |                                                      |       |                        |                          |                                     |                          |                          |  |                          |                                     |                          |                          |  |                          |                                     |                          |                          |                                                      |                          |                                     |                          |                          |  |
| Pipes, ditches, and other conduits                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                          |                                                      |       |                        |                          |                                     |                          |                          |  |                          |                                     |                          |                          |  |                          |                                     |                          |                          |                                                      |                          |                                     |                          |                          |  |
| Flow direction and connectivity                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                          |                                                      |       |                        |                          |                                     |                          |                          |  |                          |                                     |                          |                          |  |                          |                                     |                          |                          |                                                      |                          |                                     |                          |                          |  |

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

|                                                                              |                          |                                     |                          |                          |                          |
|------------------------------------------------------------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Interconnections with other regulated MS4s                                   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| MS4-owned stormwater controls (BMPs, not including catch basins or manholes) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Delineation of outfall catchment/drainage areas                              | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**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: |
|------------------|-------------|------------------------------------------------------|--------------|---------------------|----------------------------------------------------------------|
|                  |             |                                                      |              |                     |                                                                |
|                  |             | See <b>Appendix F</b> for a list of interconnections |              |                     |                                                                |
|                  |             |                                                      |              |                     |                                                                |



## 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:** Joshua Jelley – Town Engineer / Gavin Lopes – Engineering Assistant

**Phone:** 401-233-1041

**Email:** glopes@smithfieldri.gov

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

**Date of Adoption:** 10-27-1987

If the Ordinance was amended in 2024, please indicate why changes were necessary and provide references to the amended portions of the local codes/ordinances.

New amendments and changes based on the 2010 RI Stormwater Design and Installation Standards Manual have been drafted and are implemented by Town staff for compliance during plan review and construction.

|            |                                                                                                                                |
|------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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. |
|------------|--------------------------------------------------------------------------------------------------------------------------------|

No information was submitted by the public.

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

No referrals were submitted to the State for assistance in enforcing provision of the RIPDES General Permit for Stormwater Discharge Associated with Construction Activity to the MS4 during the 2024 reporting year.

**CONSTRUCTION SITE STORMWATER RUNOFF CONTROL cont'd**

Additional Measurable Goals and Activities  
N/A

**SECTION II. A - Plan and SWPPP/SESC Plan Reviews during Year 21 (2024), 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: 77  
# of Construction Reviews Completed: 77  
# of Permits/Authorizations Issued: 67

Summary of Reviews and Findings, include an evaluation of the effectiveness of the program.  
For each project resulting in land disturbances greater than ½ acre, a Smithfield Soil Erosion Permit Application with detailed site plans and a drainage report prepared by a professional engineer in the State of Rhode Island is required. A comprehensive review is then completed by the Engineering Department and final Soil Erosion Approval is granted by the Soil Erosion Committee. This practice has been in place since 1987. Responsible party is the Engineering Department and Soil Erosion Committee.  
See Appendix J for the SWPPP Reports (seven recorded for 2024).

Identify person(s) /Department and/or parties responsible for the implementation of this requirement:  
Joshua Jelley, Town Engineer / Gavin Lopes, Engineering Assistant

Identify the type and date of training this person(s)/parties has/have received to be considered “adequately trained”:  
Wrote the Smithfield Stormwater Management Program, c.2002,  
Professional Engineer, Civil, c.2007  
Various stormwater innovation, implementation and protection seminars, workshops & training sessions over time (2001-2024). ArcMap/ArcGIS training for data control.

**SECTION II.B - Erosion and Sediment Control Inspections during Year 21 (2024), 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: 55 |                                                 |
| # of Site Inspections: 233            | # of Complaints Received: 17                    |
| # of Violations Issued: 1             | # of Unresolved Violations Referred to RIDEM: 0 |

Summary of Enforcement Actions, include an evaluation of the effectiveness of the program.  
  
The Town Engineer’s Office inspects construction sites on a weekly basis and 1 violation was issued this year for projects. The violation were due to erosion controls not being installed or properly maintained. Property owners who fail to be in compliance with soil and sediment control inspections are given a violation notice with a specific timetable to correct the violation or be subject to fines, in accordance to Section 2 of the Soil Erosion and Sediment Control Ordinance. Property owners who receive a violation notice almost always make the required efforts to become compliant in accordance with the SESC Ordinance. (The creation of the SESC Ordinance was in 1987.)

Identify person(s) /Department and/or parties responsible for the implementation of this requirement:  
Joshua Jelley, Town Engineer / Gavin Lopes, Engineering Assistant

Identify the type and date of training this person(s)/parties has/have received to be considered “adequately trained”:  
Wrote the Smithfield Stormwater Management Program, c.2002,  
Professional Engineer, Civil, c.2007  
Various stormwater innovation, implementation and protection seminars, workshops & training sessions over time (2001-2024). ArcMap/ArcGIS training for data control.



# 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:** Joshua Jelley – Town Engineer / Gavin Lopes – Engineering Assistant

**Phone:** 401-233-1041 **Email:** [jjelley@smithfieldri.gov](mailto:jjelley@smithfieldri.gov) / [glopes@smithfieldri.gov](mailto:glopes@smithfieldri.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.

As part of the review and approval process for a development, long-term BMP maintenance schedules must be included. These schedules are developed in accordance with the latest edition of the Rhode Island Stormwater Design and Installation Standards Manual. The Engineering Department conducts inspections of these facilities during construction. If any BMPs are found to be out of compliance, the property owner is notified and required to perform necessary maintenance. If the property owner fails to take action, the issue is referred to the appropriate State agency.

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).

All new land development or subdivision projects must obtain approval from RIDEM for stormwater management and from the Planning Board in accordance with the Smithfield Land Development and Subdivision Regulations, as well as the Soil Erosion and Sediment Control Ordinance. Development projects cannot receive Town approval until all requirements outlined in the Smithfield Land Development and Subdivision Regulations have been met. In 2024, there were no specific referrals made to RIDEM for new stormwater discharges related to industrial activities.

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:** 10/27/1987, Amended 6/6/2000 (Soil Erosion and Sediment Control Ordinance)  
If the Ordinance was amended in 2024, 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.**

The Town has in place a combined construction and post-construction soil erosion and sediment control ordinance which includes appropriate provisions for stormwater management. No amendments were made in 2024, based on the 2010 RI Stormwater Design and Installation Standards Manual.

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 Smithfield Engineering Department has conducted thorough investigations of the local MS4 system. These field investigations involved identifying all MS4 structures, pipes, outfalls, and structural BMPs, with current staff members handling the tasks. The survey included mapping MS4 features using a handheld Trimble GPS unit, performing ongoing inspections of MS4 components for functionality, maintenance needs, structural integrity, sizing, interconnections, and the presence of dry weather flows. The collected data is edited and compiled annually to create maintenance spreadsheets and long-term maintenance schedules. In 2024, the Town of Smithfield, in partnership with the DPW department, Beta Engineers, and the Trimble Unity asset management platform, implemented a system for digitally logging all maintenance activities for the Town's MS4 assets and BMPs. This process was completed in 2024, and all maintenance for the Town's MS4 assets and BMPs is now logged digitally.

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

Additional Measurable Goals and Activities

**SECTION II.A. - Plan and SWPPP/SWMP Reviews during Year 21 (2024), 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: 0  
# of Post-Construction Reviews Completed: 91  
# of Permits/Authorizations Issued: 0

Summary of Reviews and Findings, include an evaluation of the effectiveness of the program.  
For any project that causes land disturbances exceeding ½ acre, a Smithfield Soil Erosion Permit Application is required, along with detailed site plans and a drainage report prepared by a professional engineer licensed in Rhode Island. Additionally, long-term maintenance schedules for project-specific Best Management Practices (BMPs) must be submitted at the start of the project. The Engineering Department conducts a post-construction review after completion and before occupancy. Throughout the review and permitting process, multiple revisions are typically needed to ensure proper stormwater runoff control and water quality management. Any projects larger than 1 acre were reviewed by the Town, in collaboration with other state programs. The Engineering Department and Soil Erosion Committee are responsible for overseeing this process.

Identify person(s) /Department and/or parties responsible for the implementation of this requirement:  
Joshua Jelley, Town Engineer / Gavin Lopes, Engineering Assistant

Identify the type and date of training this person(s)/parties has/have received to be considered “adequately trained”:  
Wrote the Smithfield Stormwater Management Program, c.2002,  
Professional Engineer, Civil, c.2007  
Various stormwater innovation, implementation and protection seminars, workshops & training sessions over time (2001-2024). ArcMap/ArcGIS training for data control.

**SECTION II.B. - Post Construction Inspections during Year 21 (2024), 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: 16                     | # of Construction Projects Completed: 8         |
| # of Site Inspections for proper Installation of BMPs: 64 | # of Complaints Received: 2                     |
| # of Violations Issued: 0                                 | # of Unresolved Violations Referred to RIDEM: 0 |

Summary of Enforcement Actions:  
BMP Maintenance at time of occupancy was resolved through repair efforts identified during final inspections.

Identify person(s) /Department and/or parties responsible for the implementation of this requirement:  
Joshua Jelley, Town Engineer / Gavin Lopes, Engineering Assistant

Identify the type and date of training this person(s)/parties has/have received to be considered “adequately trained”:  
Wrote the Smithfield Stormwater Management Program, c.2002,  
Professional Engineer, Civil, c.2007  
Various stormwater innovation, implementation and protection seminars, workshops & training sessions over time (2001-2024). ArcMap/ArcGIS training for data control.

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

**SECTION II.C. - Post Construction Inspections during Year 21 (2024), 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: 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | # of Complaints Received: 0                     |
| # of Violations Issued: 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | # of Unresolved Violations Referred to RIDEM: 0 |
| <p>Summary of Activities and Enforcement Actions. Evaluate the effectiveness of the Program in minimizing water quality impacts. Many of the Town owned BMPs are inspected at least on an annual basis, however some well-functioning units are inspected every two years based on frequency needs. Many of the older and load-intensive BMPs are in need of more frequent maintenance. Those BMPs are known by Engineering staff and visited more regularly. Priority is given to those BMPs which may jeopardize their ability to effectively control stormwater flows and reduce pollution control.</p> <p>BMPs which are not owned or operated by the Town are inspected upon project completion for compliance with the design plans. BMP owners are issued a Notice of Violation for BMPs not in compliance with the approved design and any pending approvals are suspended until compliance is met. Fines may be rendered if necessary for compliance. Upon completion of a project, the municipality does not re-inspect or conduct annual inspections on private property thereafter, unless problems or specific related complaints are filed by landowners with the Town.</p> <p>Identify person(s) /Department and/or parties responsible for the implementation of this requirement:<br/>Responsible party is the Engineering Department<br/>Joshua Jelley, Town Engineer / Gavin Lopes, Engineering Assistant</p> |                                                 |

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

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

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

Refer to Town of Smithfield Subdivision & Land Development Regulations for the checked items above.

Person(s)/Department responsible for reviewing submissions for LID:

Town Planner & Town Engineer

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

Town Planner & Town Engineer

**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

**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 2024, 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?** Limited time, staff and ability to implement, regulate and monitor requirements contained within.

**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:

Long term O&M of privately owned BMP's are discerned on individual SWMP's at the time of Planning Board approval as designated by design engineer's specification in compliance with the RISDISM requirements applicable at time of approval. It is also quite difficult for the limited municipal staff to review completed sites annually, over time, to ensure continued SW compliance is maintained for post-construction BMPs. There are not enough municipal resources, staff or time available to inspect, regulate and comprehensively monitor post-construction applicants to ensure long-term compliance is fully achieved and applicant self-reporting is typically not reliable. Grant funding and/or outside funding sources would be needed to add staff to comply with this measure.

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:

Long-term O&M programs are required during the Town Soil Erosion Permitting process. Continued oversight and enforcement for compliance is a difficult, time consuming process which the limited staff has difficulty in overseeing as the list of Long-Term BMPs and O&M programs continually increases in quantity annually, as development projects complete construction and move into the post-construction period for perpetuity.

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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| c. Maintenance and schedules?                         | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| d. Complaints?                                        | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| e. Non-Compliance?                                    | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| f. Enforcement actions?                               | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |

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

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:

ArcGIS mapping, Trimble Unity and spreadsheets are used to track post-construction BMPs, inspections, and maintenance to monitor as complaints or deficiencies are reported to the municipality.

*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:** Kevin Cleary, PE, Town Engineer

**Phone:** 401-233-1041 **Email:** kcleary@smithfieldri.gov

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

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

**Total # of MS4-owned/operated BMPs** (does not include CBs or MHs): 78

All structural BMPs owned or operated by the Town have been GPS located, identified, integrated into the GIS and are scheduled for annual inspection. The appropriateness and effectiveness of this requirement has led to improved BMP inventory evaluation, records and direction of limited maintenance resources to where they are most needed annually.

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

**# of MS4-owned/operated BMPs inspected in 2024:** 39

**# of MS4-owned/operated BMPs maintained/cleaned in 2024:** 16

**# of MS4-owned/operated BMPs repaired in 2024:** N/A

Does your municipality/MS4 have a system for tracking:

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

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

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

BMP inspections are performed by the Engineering Department on an annual basis and recorded using spreadsheets. Storm sewers and catch basins are inspected by the Public Works Department during annual cleanings. All information is recorded using inspection sheets and tracked with use of spreadsheets. Maintenance issues identified during the catch basin cleaning are reported to the DPW director and are given a priority status dependent upon extent of disrepair. Many of the older detention ponds have been found to be in need of maintenance. Since the Town does not have enough staff to bring all of these BMPs into compliance within a single reporting year, priority is given to those BMPs which may jeopardize their ability to effectively control stormwater flows and control pollution.

IV.B.6.b.1.ii  
i

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.

**Total # of CBs within regulated area (including SRPW and TMDL areas):** 1825+/-

**# of CBs inspected in 2024:** 217      **% of Total inspected:** 12%

**# of CBs cleaned in 2024:** 203      **% of Total cleaned:** 11%

If determined, approximate quantity of sand/debris collected by cleaning of catch basins: 211cy

Location used for the disposal of debris: Upland areas located at DPW, which are then cut into street sweepings and disposed of as daily cover at RIRRC, or used on a limited basis as road fill/shoulder materials during road reconstruction efforts.

Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track the inspections and cleaning of catch basins?      ☒ YES      ☐ NO

The Smithfield DPW staff clean catch basins and drain manholes, with each task documented in the Town's Drainage Structure Maintenance Log by the onsite crews. For more challenging basins and drain lines, a vactor truck equipped with high-pressure water jetting is used. The Engineering Department also maintains a separate log for all storm drain vactoring activities. These detailed maintenance records enable the Town to identify drainage structures that need more frequent inspection and upkeep. As a result, the Town has been able to create a more effective maintenance schedule, directing resources to the areas where they are most needed.

Through the cleaning and mapping of the Town's drainage system, previously unknown or clogged systems have been identified, cleaned, and restored to proper function, resolving long-standing drainage issues.

IV.B.6.b.1.iv

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.

In response to complaints and regular inspections, roadside berms are frequently installed to reduce erosion in problem areas. This is done alongside the repair of clogged storm drains and drain pipes that have contributed to the erosion. Overall, roadside erosion is not a significant issue within the Town.

IV.B.6.b.1.v

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.

Outfalls are inspected annually, and their condition is documented during these inspections. If an inspection reveals significant sediment buildup blocking stormwater flow, the DPW coordinates the necessary cleanout. Some obstructed outfalls are cleared using jetting or excavation methods, while others are prioritized and scheduled for clearing by the DPW as soon as possible.

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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><b>Total roadway miles within regulated area (including SRPW and TMDL areas):</b> 120 (lane miles)</p> <p><b>Roadway miles that were swept in 2024:</b> 120      <b>% of Total swept:</b> 100%</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: 423 CY's</p> <p>Location used for the disposal of debris: <u>Upland areas located at DPW, which are then cut with catch basin cleanings and disposed of as daily cover at RIRRC, as time permits throughout the year</u></p> <p>Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track the annual sweeping of streets and roads?      <input type="checkbox"/> YES      <input checked="" type="checkbox"/> NO</p> |
| <p>All Town-maintained streets are swept once a year, with the data recorded on maps. Sweeping typically begins in March, weather permitting, and continues through August each year. This practice has proven to be an effective way to maintain stormwater quality and reduce its degradation.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| IV.B.6.b.1.vii                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p>Use the space below to describe activities and actions taken for controls to reduce floatables and other pollutants from the MS4. Evaluate appropriateness and effectiveness of this requirement.</p> <p>Street sweeping and catch basin cleaning are effective in reducing floatables that could otherwise be discharged into the MS4. Additional measures include the installation of oil/water separators in catch basins for all new developments and the provision of public trash receptacles at all public facilities. The Town also offers weekly trash and recycling collection services and has an oil igloo for residents to safely dispose of used motor oil and oil filters. The Recreation Department is responsible for maintaining public parks, ensuring they remain free of debris and spills.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| IV.B.6.b.1.viii                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>Use the space below to describe the method for disposal of waste removed from MS4s and waste from other municipal operations, including accumulated sediments, floatables and other debris and methods for record-keeping and tracking of this information.</p> <p>Do you have a system for tracking actions to remove and dispose of waste?      <input type="checkbox"/> YES      <input checked="" type="checkbox"/> NO</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <p>The MS4 waste is repurposed in certain areas of the Town. Specifically, street sweeping material is used in road reconstruction projects for re-grading small sections of the road sub-base, local drainage projects, and shoulder repairs on non-residential routes or areas, where feasible. The remaining street sweeping sediments are mixed with catch basin cleanings and stockpiled in an upland area at the DPW facility until they can be disposed of as daily cover at RIRRC, as time permits throughout the year. Trash collected from public receptacles is regularly removed and placed in dumpsters, which are emptied by the Town's contracted waste collector. Records are kept for street sweeping, catch basin cleaning, and trash collection services.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IV.B.6.b.2 | <p>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.</p> <p>Does your MS4 have any salt piles, or piles containing salt, used for deicing?<br/> <input checked="" type="checkbox"/> YES      <input type="checkbox"/> NO</p> <p>If yes:<br/>         Are these piles covered to prevent exposure to rain, snow, snowmelt and/or runoff?<br/> <input checked="" type="checkbox"/> YES      <input type="checkbox"/> NO<br/>         If yes, check the type of cover used:<br/> <input checked="" type="checkbox"/> Weatherproof permanent structure/shelter<br/> <input type="checkbox"/> A temporary, secured, durable, waterproof covering (e.g., tarpaulin, polyethylene, polyurethane)<br/>         Are these piles located on impermeable surfaces?<br/> <input checked="" type="checkbox"/> YES      <input type="checkbox"/> NO</p>                |
|            | <p>The DPW has standard operating procedures in place for material storage, use and disposal in addition to procedures for vehicle washing and oil changing stations.</p> <ul style="list-style-type: none"> <li>• Winter road sand mix is stored in an enclosed dome style salt barn which reduces polluted runoff and sediments into adjacent wetlands. A loader is the equipment used for this operation.</li> <li>• Road sweepings are stored in a protected upland area away from storm flow, wetlands or drainage basins. (Elgin sweeper &amp; loader is equipment used).</li> <li>• Waste oil is stored in an "Oil Igloo" within a shed which is maintained regularly.</li> <li>• The stormwater facilities are cleaned with the use of a vactor truck and pipes are water jetted annually.</li> <li>• Vehicles and equipment are stored and maintained within an enclosed garage which reduces pollutant laden runoff from maintenance/spill activities.</li> <li>• The DPW fueling station is covered with a canopy and spill protection measures are in place, such as sorbent towels and/or granular sorbent material.</li> </ul> <p>Though these areas are kept clean and routinely maintained, written standard operating procedures and inspection records have not been finalized. DPW Director is presently working on a site specific spill prevention program for the DPW facility.</p> |
| IV.B.6.b.5 | <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                          |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

**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 MS4 staff participation in trainings offered by other parties (e.g. SNEP, EPA) and all in-house training conducted by the municipality/MS4. Evaluate appropriateness and effectiveness of this requirement.</p> <p>How many stormwater management trainings have been provided to <i>municipal/MS4 employees</i> during this reporting period? <u>A few training sessions throughout the year.</u></p> <p>What was the date of the training?<br/>         Training Topic(s):<br/>         How many <i>municipal/MS4 employees</i> attended this training?</p> <p>What percent of <i>municipal/MS4 employees</i> in relevant positions and departments received stormwater management training?</p> <p>Have <i>municipal/MS4 employees</i> that are responsible for inspecting or cleaning catch basins also been trained to detect and report illicit connections or non-stormwater discharges?<br/> <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>Any local municipal projects that involve stormwater mitigation or water quality improvement may need to obtain permitting from RIDEM before proceeding. Additionally, all such projects are subject to review by the Town Engineer prior to implementation. The Town strongly encourages, and often implements, infiltration and groundwater recharge practices wherever feasible to help preserve original stormwater runoff conditions in any new projects it participates in or manages.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p><b>Additional Measurable Goals and Activities</b><br/>         Currently the Smithfield Engineering Department has \$32,500 budgeted in the FY24 Operations Budget to meet the requirements of the Phase II Stormwater Permit. These funds are used for a variety of stormwater related tasks, such as stormwater sampling and testing, permit amendments, drain line CCTV &amp; cleaning, educational material and future planning of pollution control best management practices.</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<br>Owner/Operator: | Description of BMP: | Frequency of Inspection: |
|---------|-----------------------------------------------------------------------|--------------------------------|---------------------|--------------------------|
|         |                                                                       |                                |                     |                          |
|         | See <b>Appendix G</b> for the Inventory List for Town Maintained BMPs |                                |                     |                          |
|         |                                                                       |                                |                     |                          |

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

**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: |
|--------------------------------------------------------------------------|-----------|-------------------------|--------------------------------------------------|----------------------------------------|
|                                                                          |           |                         |                                                  |                                        |
| See <b><u>Appendix H</u></b> for the Outfall Discharge Inspection Report |           |                         |                                                  |                                        |
|                                                                          |           |                         |                                                  |                                        |

**SECTION II.C - Note any planned municipal/MS4-owned construction projects/opportunities to incorporate water quality BMPs, low impact development, or activities to promote infiltration and recharge (Part IV.G.2.j).**

|  |
|--|
|  |
|--|

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

|                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Microbac Laboratories performed stormwater quality analysis on behalf of the Town over the year. This included fecal and metal levels testing of the Woonasquatucket River at specified outfalls located in the TMDL areas of the river. Refer to <b><u>Appendix I for Stormwater Quality Data.</u></b></p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



## 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: Kevin Cleary, PE, Town Engineer

Phone: 401-233-1041

Email: kcleary@smithfieldri.gov

| LIST OF IMPAIRED WATERS:                                                                                                                                                                                                                                         |                                                                                                                |                                                                                                                                           |                                                                                                                                                                                                        |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Impaired Water Body:<br>Woonasquatucket River<br><br>WBID: RI0002007R-10B                                                                                                                                                                                        | Pollutants Causing Impairments:<br><br>Fecal Coliform, 07/03/2007                                              | Has TMDL been completed?<br>Has MS4 been notified of TMDL requirements?<br>Has MS4 developed a Scope of Work or TMDL Implementation Plan? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO<br><input type="checkbox"/> YES <input type="checkbox"/> NO<br><input type="checkbox"/> YES <input type="checkbox"/> NO            |                   |
| Impaired Water Body:<br>Woonasquatucket River<br><br>WBID: RI0002007R-10C                                                                                                                                                                                        | Pollutants Causing Impairments:<br><br>Fecal Coliform, 07/03/2007                                              | Has TMDL been completed?<br>Has MS4 been notified of TMDL requirements?<br>Has MS4 developed a Scope of Work or TMDL Implementation Plan? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO<br><input type="checkbox"/> YES <input type="checkbox"/> NO<br><input type="checkbox"/> YES <input type="checkbox"/> NO            |                   |
| Impaired Water Body:<br>Woonasquatucket River<br><br>WBID: RI0002007R-10D                                                                                                                                                                                        | Pollutants Causing Impairments:<br><br>Zinc, 07/03/2007                                                        | Has TMDL been completed?<br>Has MS4 been notified of TMDL requirements?<br>Has MS4 developed a Scope of Work or TMDL Implementation Plan? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO<br><input type="checkbox"/> YES <input type="checkbox"/> NO<br><input type="checkbox"/> YES <input type="checkbox"/> NO            |                   |
| Impaired Water Body:<br>Latham Brook & Tribs<br><br>WBID: RI0002007R-05                                                                                                                                                                                          | Pollutants Causing Impairments:<br><br>Enterococcus, 09/22/2011                                                | Has TMDL been completed?<br>Has MS4 been notified of TMDL requirements?<br>Has MS4 developed a Scope of Work or TMDL Implementation Plan? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO<br><input type="checkbox"/> YES <input type="checkbox"/> NO<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |                   |
| 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:<br><br>Floatable, Silt, Sediment, Metals                                                                                                                                                                                                   | Strategy:<br><br>Pamphlets in town buildings, website, public education and participation.<br>Creation of OWMP | Target Audience:<br><br>The Town of Smithfield residents, business owners, contractors, developers, visitors                              |                                                                                                                                                                                                        |                   |
| Has the MS4 installed stormwater BMPs or required the installation of stormwater BMPs on private property to address impairments? <input type="checkbox"/> YES <input checked="" 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 type="checkbox"/> Municipally/MS4-Owned<br><input type="checkbox"/> Privately-Owned                                                                                                             | Who maintains it? |
| Woonasquatucket River                                                                                                                                                                                                                                            | Dry wells, rain gardens, Swales, porous pavement                                                               | Various Dates                                                                                                                             | <input checked="" type="checkbox"/> Municipally Owned<br><input type="checkbox"/> Privately Owned                                                                                                      | See Appendix G    |

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |
| <p>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.):</p> <p>With the help of our contract Veolia Water, we maintain and clean catch basins on a weekly basis using a vacuum truck throughout the year and tend to problematic areas on a more frequent basis.</p> <p>Coordinating with RIDOT on the Consent Decree from DOJ and EPA on the TMDL actions starting in the Woonasquatucket Watershed on a number of TMDL/Water Quality specific projects in Smithfield. The Town finished the design of a Stormwater set of BMOs at the Smithfield High School on Pleasant View Ave and continued with design phase &amp; project agreement negotiations in 2024. The latter was designed with stormwater management in mind to improve flow management of the site.</p> <p>Refer to RIDOT SWMMP Report 2018 for the BMP schedule sites in the lower and upper Woonasquatucket Watershed. The Town Engineer has coordinated with RIDOT, Beta Engineers, Pare Corp. and Fuss &amp; O'Neill for SWP Project throughout the town.</p> <p>The Town of Smithfield conducted their own water sampling on select outfalls in both the spring and the fall, within the identified TMDL segments of the Woonasquatucket River.</p> |  |  |  |  |



## 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 2022 Integrated Water Quality Monitoring and Assessment Report (which includes the Section 305(b) State of the State’s Waters Report and the Section 303(d) List of Impaired Waters) can be found here: <https://dem.ri.gov/sites/g/files/xkqbur861/files/2022-09/RIDEM%202022%20Integrated%20Report%2003-29-2022.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.

There are no Special Resource Protection Waters (SRPWs) located within the Town of Smithfield as referenced in **Appendix D** of the RIDEM Water Quality Regulations.

Impaired waters (with approved TMDL) include the following:

1. Woonasquatucket River & Tribs (RI0002007R-10A) - Impairments include zinc and TMDL was approved on July 3, 2007. TMDL provisions are included into the Town's Stormwater Management Program Plan (SWMPP). This segment was delisted by RIDEM in 2022 due to water quality standards being met.
2. Woonasquatucket River & Tribs (RI0002007R-10B) - Impairments include fecal coliform and TMDL was approved on July 3, 2007. TMDL provisions are included into the Town's Stormwater Management Program Plan (SWMPP).
3. Woonasquatucket River & Tribs (RI0002007R-10C) - Impairments include fecal coliform. TMDLs approved on July 3, 2007. TMDL provisions are included into the Town's Stormwater Management Program Plan (SWMPP).
4. Stillwater River & Tribs (RI0002007R-09) - Impairments include enterococcus and TMDL was approved on September 22, 2011. TMDL does not require a TMDL Implementation Plan at this time.
5. Latham Brook & Tribs (RI0002007R-05) - Impairments include enterococcus and TMDL was approved on September 22, 2011. TMDL does not require a TMDL Implementation Plan at this time.

Impaired waters (with no approved TMDL) include the following:

1. Lower Sprague Reservoir (RI0002007L-06) - Impairments include phosphorus. TMDL scheduled for 2023.
2. Latham Brook & Tribs (RI0002007R-05) - Impairments include ambient bioassays -- chronic aquatic toxicity and benthic-macroinvertebrate bioassessments. TMDLs scheduled for 2028.
3. Woonasquatucket River & Tribs (RI0002007R-10B) - Impairments include mercury. TMDL scheduled for 2028.
4. Woonasquatucket River & Tribs (RI0002007R-10C) - Impairments include dioxin, mercury, dissolved oxygen, polychlorinated biphenyls (PCBs). TMDL scheduled for 2024 – 2028.
5. Nine Foot Brook & Tribs (RI0002007R-11) - Impairments include benthic-macroinvertebrate bio assessments and TMDL was originally scheduled 2016. Impairments de-listed in 2011 because water quality standard is now being met.
6. Unnamed Tribs to Slack Reservoir (RI0002007R-15) - Impairments include enterococcus and TMDL was originally scheduled for 2016. Impairments de-listed in 2012 because water quality standard is now being met.

Most of the Town is currently within the RIDEM Phase II Stormwater Regulated Area based on urbanized and densely populated areas. Protection measures are implemented and enforced throughout the entire Town, which includes proper street sweeping, catch basin and drain manhole inspections and cleaning, illicit discharge detection, site plan reviews, and ongoing construction, erosion control and stormwater management inspections.





# 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 10<sup>th</sup>** 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 Municipal and Industrial Stormwater Program  
235 Promenade Street  
Providence, RI 02908  
ATTN: Jennifer Stout

An electronic copy of the Annual Report may be emailed to [jennifer.stout@dem.ri.gov](mailto:jennifer.stout@dem.ri.gov).

#### **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 2024 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 2024, number of illicit discharges tracked in 2024, number of illicit discharges eliminated in 2024, 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 2024. 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 21 (2024) 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/MS4-owned 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>

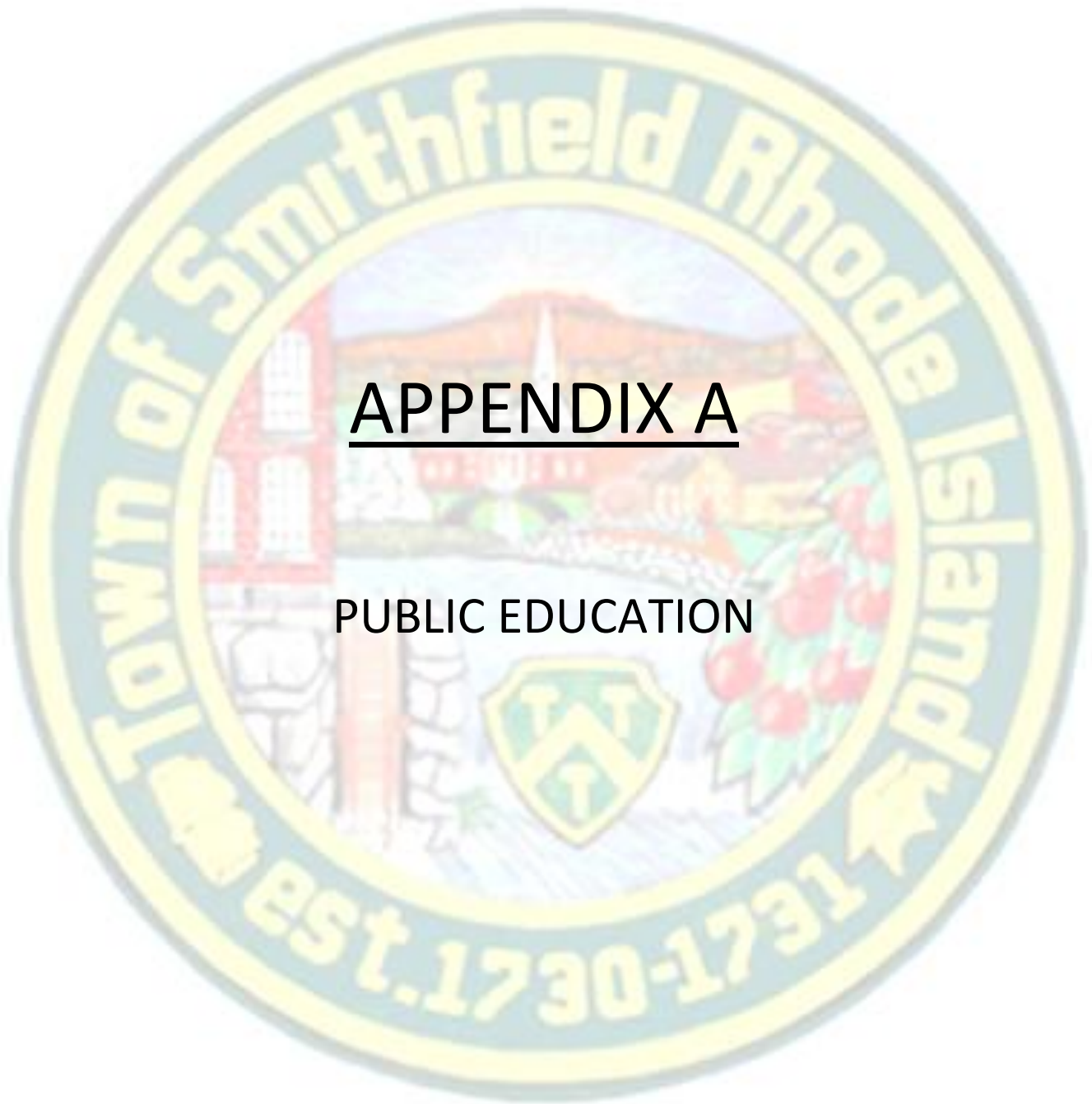
or

an impaired water body including water bodies with no approved TMDL as listed in the *State of Rhode Island 2022 Integrated Water Quality Monitoring and Assessment Report* (which includes the *Section 305(b) State of the State's Waters Report* and the *Section 303(d) List of Impaired Waters*) at this link:

<https://dem.ri.gov/sites/g/files/xkgbur861/files/2022-09/RIDEM%202022%20Integrated%20Report%2003-29-2022.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.



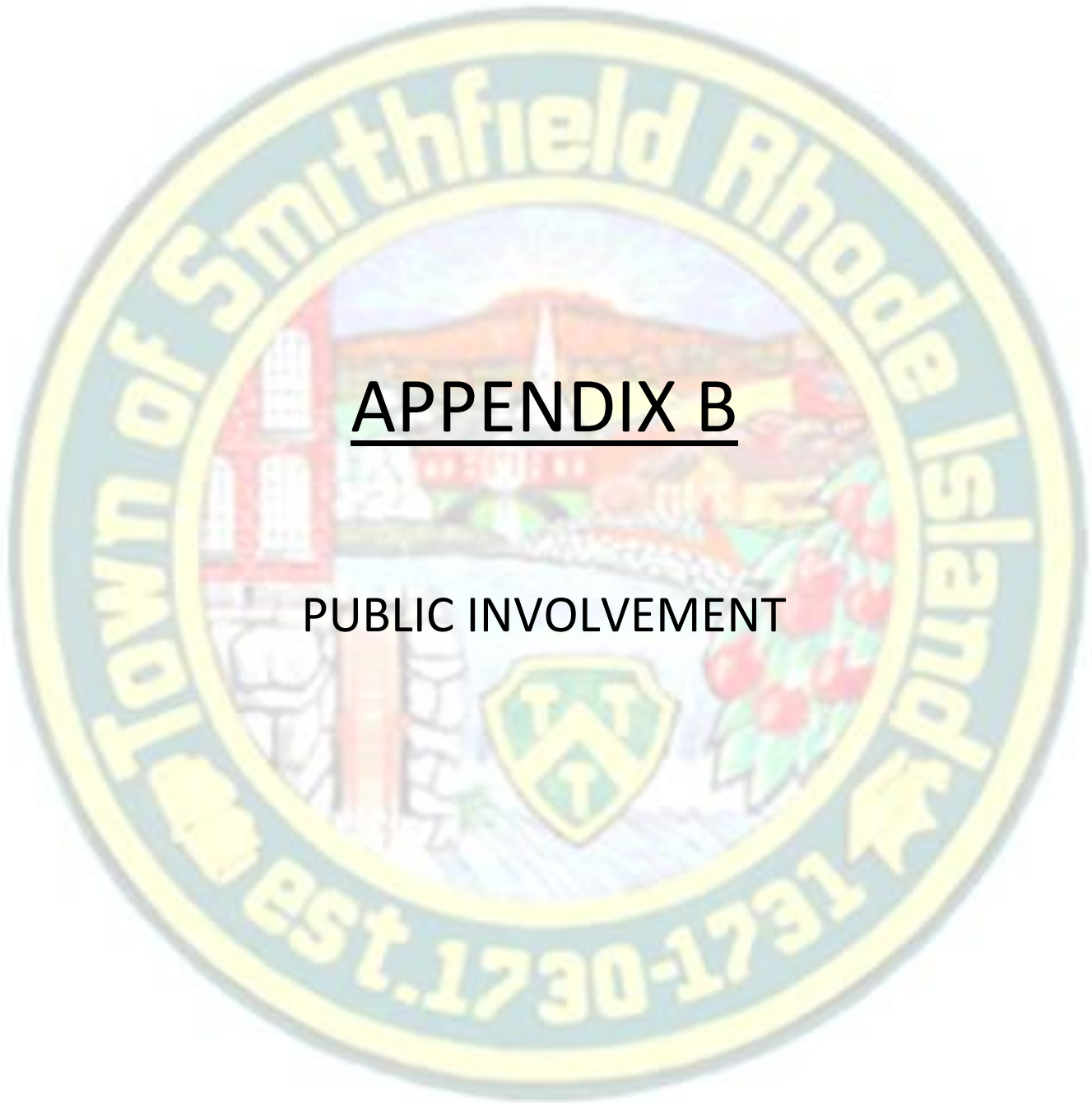
## APPENDIX A

### PUBLIC EDUCATION

## **APPENDIX A: Public Education**

### **TABLE OF CONTENTS**

- 10 Simple Things You Can Do to Help Clean Rhode Island Waters” – Information provided by RIDEM to help reduce pollutants from entering local waterways.
- Algae in Your Pond?” – Information on reducing the input of phosphorus from entering our waters.
- 5 Reasons Why Feeding Waterfowl Is Harmful” – Information provided by RIDEM on associated environmental degradation and water pollution.
- Lawn Fertilizer Poster displayed in Town Hall encouraging the public to use lawn fertilizer sparingly.
- Pet Waste Poster displayed in Town Hall encouraging the public to clean up pet waste.
- Car Washing Poster displayed in Town Hall encouraging the public not to wash their car in the street.
- Oil Leak Poster displayed in Town Hall encouraging the public fix automotive oil leaks.
- Failed Septic System Poster in Town Hall encouraging the public fix and maintain septic systems.
- A Homeowner’s Guide to Septic Systems” – Information provided by the EPA illustrating proper septic system maintenance.
- Wash Your Car the Right Way” by the EPA.
- How to Dispose of Medicines Properly” by the EPA.
- Protecting Water Quality from Agricultural Runoff” by the EPA.
- After the Storm” by the EPA.
- 10 Things You Can Do to Prevent Stormwater Runoff Pollution” by the EPA.
- What is Sediment Pollution?” by the EPA.
- Bacteria Monitoring” by the University of Rhode Island.
- Dog Waste Clean Up signs posted at Town parks and trails.
- “No Dumping – Drains to Waterways” storm drain markers installed at several catch basins.
- “Draining Swimming Pools” – Educates on how to properly drain pool water (pamphlet is also mailed to property owners applying for new pool permits).
- “Going Green with Storm Water – Rain Gardens” – Information provided by the MASS Audubon illustrating educational information about rain gardens including how to create one.
- Top 10 Ways to be a Good Septic Owner – Information provided by the EPA.
- Dos and Dents for Advanced Treatment Unit - Information provided by the EPA.



# APPENDIX B

## PUBLIC INVOLVEMENT



empty or a minimum, rinsed whenever possible



## RECYCLING TIPS

**Plastic Rule:** Any plastic container up to 5 gallons in size can be placed in your recycle cart. Please empty and rinse. Place plastic caps and covers back on the item they came from.

**Glass Rule:** Bottles and jars only. Empty and rinse. Separate metal lids from glass jars.

**Metal Rule:** Cans, foil and lids. Empty and rinse. Bunch up foil. Do not flatten cans.

**Paper and Cardboard Rule:** Paper and cardboard (flattened) and cartons. There is a cardboard only dumpster for large pieces of cardboard, at the Smithfield DPW, available from 7:30-3:00 M-F.

- Please do not place plastic bags in your recycle bin. No plastic bags, bags of bags or recycling inside of bags.
- Plastic shopping bags should be brought to a ReStore Container, available at most markets.
- Clothing and shoes should not be placed in the recycling cart. Please deposit clean clothing in one of the clothing donation boxes around town. They will even accept ripped or stained clothing, as long as it has been washed.
- Large rigid plastic items (lawn furniture, toys, etc.), electronics, tires, mattresses and box springs are recycled during town sponsored drop-off events, see calendar for dates.

## Special collection by Appointment ONLY

<https://www.smithfieldri.gov/departments/recycling-refuse/pick-up-requests>

This is a list of common items under the categories to select for collection:

### Metals & Appliance (RECYCLE)

hot water heater  
air conditioner  
refrigerator  
weed whacker  
metal tools/electronic tools  
treadmill  
bikes  
metal swing sets  
microwaves  
metal patio umbrella (remove fabric)  
metal file cabinets  
metal desks  
metal shelf  
dehumidifier  
washing machine  
clothes dryer  
dish washer  
gas grill (no propane tank)  
stove  
metal fire pit  
metal furniture (remove fabric)

### BULK ITEM (TRASH)

vacuum cleaner  
wooden furniture  
upholstered furniture  
hot tub cover  
vertical blinds  
strollers  
pool floats  
toddler and crib mattresses  
futon mattresses  
carpet (cut, rolled, tied in 3 ft. sections)  
pool liner and cover

**Please do not place plastic bags in recycling carts. No plastic bags, bags of bags, or recycling in bags.**



**IMPORTANT**

# Town of Smithfield Recycling

6 GREAT RECYCLING OPPORTUNITIES All IN 1 DAY!



Saturday, April 13, 2024

9:00 AM – 12:00 PM

Smithfield DPW, 3 Spragueville Road



## Plastic Bag & Plastic Film - Smithfield residents only

**Accepted items:** Shipping airpacks • Bread/bagel bags • Bubble wrap • Cereal box liners • Dry cleaning bags • Electronic overwrap • Mattress bags • Newspaper bags • Paper towel and toilet paper overwrap • Pellet/firewood bags • Produce bags • Sandwich bags (pull any hard zippers off first) • Shopping bags • Shrink wrap from cases of beverages

**Not Accepted:** Plastic that doesn't stretch: (e.g. cellophane wrapping, vinyl bags, microwave-ready bags) • Clingy food wrap • Fertilizer and pesticide bags • Bags labeled "biodegradable" or "compostable"

Plastic Bag  
and Film

## Clothing & Textile

**Accepted items:** clothing • cloth & fabric items • shoes • belts • handbags • hats • towels • sheets • blankets

\*Items must be in clean, dry, reusable condition

Clothing  
and  
Textile

## Mattress/Box Spring - Smithfield residents, by appointment only

- Smithfield residents only, proof of residency required
- Appointment needed, call 401-233-1034 X 205
- Mattresses/Box Springs must be clean & dry to be accepted

Mattress  
and  
Box  
Spring

## Sensitive Document Shredding - Smithfield residents only

- Smithfield residents only, proof of residency required
- No Commercial Businesses
- Maximum of 4 Bankers Boxes

Sensitive  
Document  
Shredding

## Electronic Recycling

**ITEMS ACCEPTED AT NO CHARGE:** computers • routers • monitors • TVs • laptops • mice • keyboards • ink-jet printers • toner cartridges • wires/cables • microwaves • CD/DVD players • phones • stereo equipment • speakers • play stations • small appliances • other electronic gadgetry • lead acid batteries • battery back-ups • auto/ marine batteries

**ITEMS ACCEPTED FOR A \$10 DISPOSAL FEE:** Laser jet printers • coolant containing appliances (i.e. air conditioners, dehumidifiers) • wood encased speakers

Electronic

## Rigid Plastic Recycling - Smithfield residents only

Rigid plastic items must be 100% rigid plastic, empty and clean, never have contained a hazardous substance, no larger than a 95-gallon recycling/trash cart and no smaller than a hard hat. **Accepted items are:** buckets • pails • hard hats • laundry baskets • lawn furniture • beverage crates • plastic shelving • plastic lawn signs (metal stand removed) • storage totes • bins • trays • lids • trash bins • recycling bins • compost bins • trash /recycling carts/barrels (wheels and axel removed).

Rigid  
Plastic

In case of inclement weather, please check the Town website for updates: <http://www.smithfieldri.com>

For more information, contact: 401-233-1034 X 205 or [recycle@smithfieldri.com](mailto:recycle@smithfieldri.com)



## Earth Day Litter Clean-up

April 20, 2024 (rain or shine)

9:00 a.m. - 12:00 p.m.

Sign-in/supplies @ Deerfield Park Concession Pavilion

Clean-up locations throughout town

**Individuals, families, groups, community organizations and businesses are encouraged to participate. This is a great opportunity for students to meet community service requirements. All children under the age of 18 need to have an adult chaperone present to participate.**

**For more information or to register in advance, please call 401-233-1034 x205 or email [recycle@smithfieldri.gov](mailto:recycle@smithfieldri.gov)**

Town Fair Tire & Smithfield Department of Public Works  
Recycling Program presents:

# FREE TIRE RECYCLING

FOR SMITHFIELD RESIDENTS—PROOF OF RESIDENCY REQUIRED

SATURDAY, APRIL 27, 2024

9:00AM-12:00PM

SMITHFIELD DPW

3 SPRAGUEVILLE RD.

Bring your rimless passenger vehicle  
tires for recycling - help us keep them  
out of the landfill and  
recycle them into new products!

- ⇒ NO COMMERCIAL BUSINESSES
- ⇒ NO RIMS ON PASSENGER TIRES
- ⇒ NO APPOINTMENT NEEDED

ADDITIONAL QUESTIONS:

DPW RECYCLING (401)233-1034 x205

Tire Recycling 2024

# Town of Smithfield Recycling

6 GREAT RECYCLING OPPORTUNITIES All IN 1 DAY!



Saturday, July 13, 2024

9:00 AM – 12:00 PM

Smithfield DPW, 3 Spragueville Road



## Plastic Bag & Plastic Film - Smithfield residents only

**Accepted items:** Shipping airpacks • Bread/bagel bags • Bubble wrap • Cereal box liners • Dry cleaning bags • Electronic overwrap • Mattress bags • Newspaper bags • Paper towel and toilet paper overwrap • Pellet/firewood bags • Produce bags • Sandwich bags (pull any hard zippers off first) • Shopping bags • Shrink wrap from cases of beverages

**Not Accepted:** Plastic that doesn't stretch: (e.g. cellophane wrapping, vinyl bags, microwave-ready bags) • Clingy food wrap • Fertilizer and pesticide bags • Bags labeled "biodegradable" or "compostable"

Plastic Bag  
and Film

## Clothing & Textile

**Accepted items:** clothing • cloth & fabric items • shoes • belts • handbags • hats • towels • sheets • blankets

\*Items must be in clean, dry, reusable condition

Clothing  
and  
Textile

## Mattress/Box Spring - Smithfield residents, by appointment only

- Smithfield residents only, proof of residency required
- Appointment needed, call 401-233-1034 X 205
- Mattresses/Box Springs must be clean & dry to be accepted

Mattress  
and  
Box  
Spring

## Sensitive Document Shredding - Smithfield residents only

- Smithfield residents only, proof of residency required
- No Commercial Businesses
- Maximum of 4 Bankers Boxes

Sensitive  
Document  
Shredding

## Electronic Recycling

**ITEMS ACCEPTED AT NO CHARGE:** computers • routers • monitors • TVs • laptops • mice • keyboards • ink-jet printers • toner cartridges • wires/cables • microwaves • CD/DVD players • phones • stereo equipment • speakers • play stations • small appliances • other electronic gadgetry • lead acid batteries • battery back-ups • auto/ marine batteries

**ITEMS ACCEPTED FOR A DISPOSAL FEE:** Laser jet printers (\$10), printers 4ft and larger (\$50), coolant containing appliances (\$20) and wood encased speakers (\$10 per unit for large floor style, \$5 per unit for small shelf style).

Electronic

## Rigid Plastic Recycling - Smithfield residents only

Rigid plastic items must be 100% rigid plastic, empty and clean, never have contained a hazardous substance, no larger than a 95-gallon recycling/trash cart and no smaller than a hard hat. **Accepted items are:** buckets • pails • hard hats • laundry baskets • lawn furniture • beverage crates • plastic shelving • plastic lawn signs (metal stand removed) • storage totes • bins • trays • lids • trash bins • recycling bins • compost bins • trash /recycling carts/barrels (wheels and axel removed).

Rigid  
Plastic

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# Town of Smithfield Recycling

6 GREAT RECYCLING OPPORTUNITIES All IN 1 DAY!



Saturday, November 16, 2024

9:00 AM – 12:00 PM

Smithfield DPW, 3 Spragueville Road



## Plastic Bag & Plastic Film - Smithfield residents only

**Accepted items:** Shipping airpacks • Bread/bagel bags • Bubble wrap • Cereal box liners • Dry cleaning bags • Electronic overwrap • Mattress bags • Newspaper bags • Paper towel and toilet paper overwrap • Pellet/firewood bags • Produce bags • Sandwich bags (pull any hard zippers off first) • Shopping bags • Shrink wrap from cases of beverages

**Not Accepted:** Plastic that doesn't stretch: (e.g. cellophane wrapping, vinyl bags, microwave-ready bags) • Clingy food wrap • Fertilizer and pesticide bags • Bags labeled "biodegradable" or "compostable"

Plastic Bag  
and Film

## Clothing & Textile

**Accepted items:** clothing • cloth & fabric items • shoes • belts • handbags • hats • towels • sheets • blankets

\*Items must be in clean, dry, reusable condition

Clothing  
and  
Textile

## Mattress/Box Spring - Smithfield residents, by appointment only

- Smithfield residents only, proof of residency required
- Appointment needed, call 401-233-1034 X 205
- Mattresses/Box Springs must be clean & dry to be accepted

Mattress  
and  
Box  
Spring

## Sensitive Document Shredding - Smithfield residents only

- Smithfield residents only, proof of residency required
- No Commercial Businesses
- Maximum of 4 Bankers Boxes

Sensitive  
Document  
Shredding

## Electronic Recycling

**ITEMS ACCEPTED AT NO CHARGE:** computers • routers • monitors • TVs • laptops • mice • keyboards • ink-jet printers • toner cartridges • wires/cables • microwaves • CD/DVD players • phones • stereo equipment • speakers • play stations • small appliances • other electronic gadgetry • lead acid batteries • battery back-ups • auto/ marine batteries

**ITEMS ACCEPTED FOR A DISPOSAL FEE:** Laser jet printers (\$10), printers 4ft and larger (\$50), coolant containing appliances (\$20) and wood encased speakers (\$10 per unit for large floor style, \$5 per unit for small shelf style).

Electronic

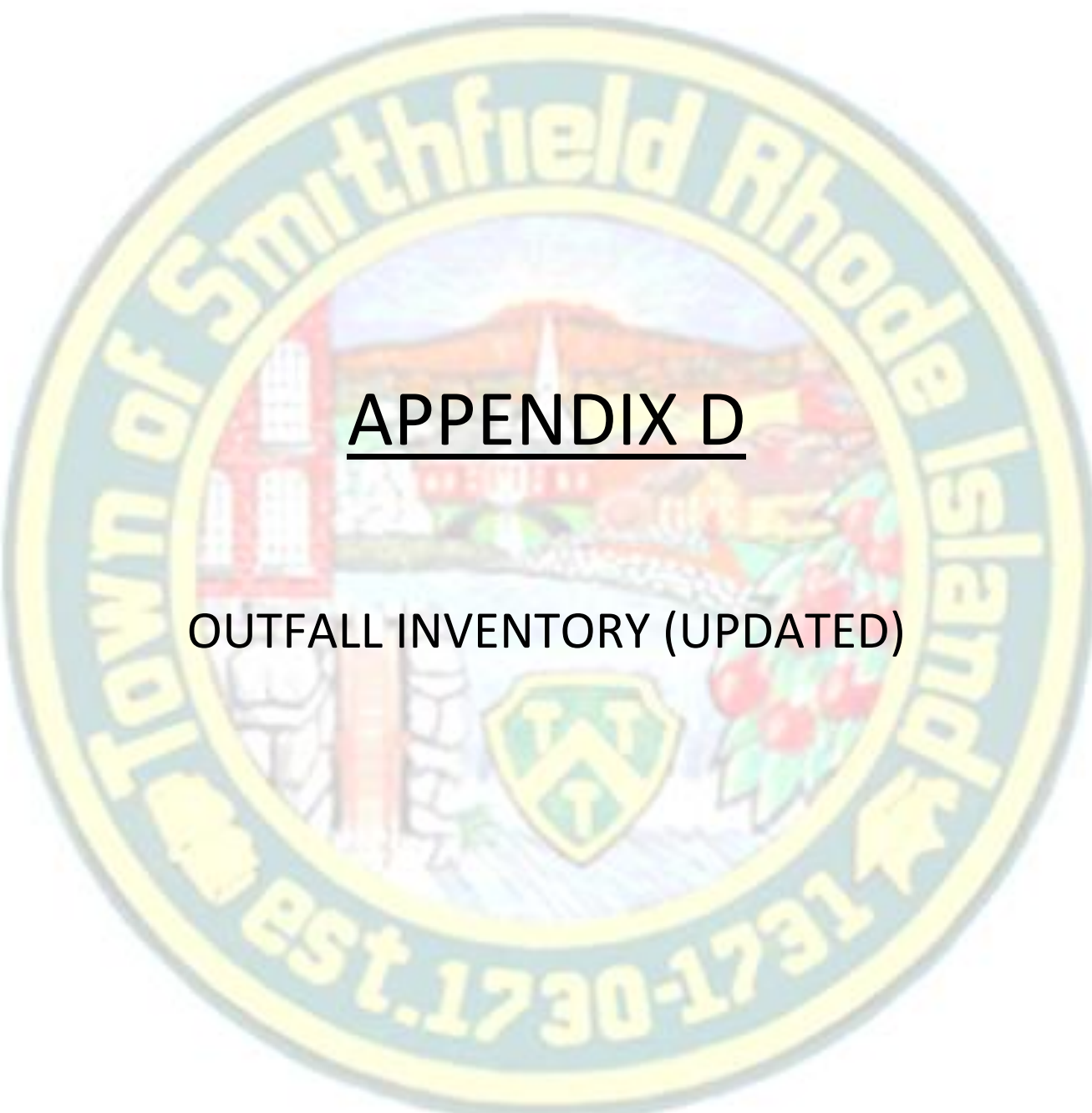
## Rigid Plastic Recycling - Smithfield residents only

Rigid plastic items must be 100% rigid plastic, empty and clean, never have contained a hazardous substance, no larger than a 95-gallon recycling/trash cart and no smaller than a hard hat. **Accepted items are:** buckets • pails • hard hats • laundry baskets • lawn furniture • beverage crates • plastic shelving • plastic lawn signs (metal stand removed) • storage totes • bins • trays • lids • trash bins • recycling bins • compost bins • trash /recycling carts/barrels (wheels and axel removed).

Rigid  
Plastic

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The seal of the Town of Smithfield, Rhode Island, is a circular emblem. It features a central shield with a landscape scene including a red-roofed building, a white steeple, and a body of water. The shield is surrounded by a blue ring containing the text "Town of Smithfield Rhode Island" in yellow. Below the shield, the text "Est. 1730-1731" is written in yellow. The entire seal is set against a light blue background.

## APPENDIX D

### OUTFALL INVENTORY (UPDATED)

**2024 OUTFALL INSPECTION AND INVENTORY**  
**(PHYSICAL ATTRIBUTES)**  
TOWN OF SMITHFIELD

| OUTFALL | NEAREST LOCATION            | DATE       | FLOW ? | OUTLET CONDITION | DISCHARGE CONDITIONS | SEDIMENT ACCUMULATION | SCOURING ? | TRASH | CAUSES FLOODING | COMMENTS                                              |
|---------|-----------------------------|------------|--------|------------------|----------------------|-----------------------|------------|-------|-----------------|-------------------------------------------------------|
| 1       | Leland Mowry Dr. - 29       |            |        |                  |                      |                       |            |       |                 |                                                       |
| 2       | Leland Mowry Dr. - 29       |            |        |                  |                      |                       |            |       |                 |                                                       |
| 3       | Lincoln Street -6           | 2/16/2024  | YES    | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              | 12" Dia. HDPE                                         |
| 4       | Fenwood Avenue - 60         |            |        |                  |                      |                       |            |       |                 |                                                       |
| 5       | Fenwood Avenue - 60         |            |        |                  |                      |                       |            |       |                 |                                                       |
| 6       | River Road - 54             |            |        |                  |                      |                       |            |       |                 |                                                       |
| 7       | Stillwater Road - 42        |            |        |                  |                      |                       |            |       |                 |                                                       |
| 8       | Conners Farm Road Drive - 1 |            |        |                  |                      |                       |            |       |                 |                                                       |
| 9       | Spragueville Rd - 11        |            |        |                  |                      |                       |            |       |                 |                                                       |
| 10      | Capron Road - 83            |            |        |                  |                      |                       |            |       |                 |                                                       |
| 11      | Ridgeland Road - 13         |            |        |                  |                      |                       |            |       |                 |                                                       |
| 12      | Sophia Lane - 28            |            |        |                  |                      |                       |            |       |                 |                                                       |
| 13      | Esmond Mill Drive           |            |        |                  |                      |                       |            |       |                 |                                                       |
| 14      | Conners Farm Drive - 1      | 11/14/2024 | NO     | EXCELLENT        | PARTIALLY BLOCKED    | MINIMAL               | NO         | NO    | NO              |                                                       |
| 15      | Arnold Avenue - 9           |            |        |                  |                      |                       |            |       |                 | D-Basin needa mowing,                                 |
| 16      | Welcome Road - 2            |            |        |                  |                      |                       |            |       |                 |                                                       |
| 17      | Mountaindale Road - 265     |            |        |                  |                      |                       |            |       |                 |                                                       |
| 18      | Sweet Street - 21           | 5/29/2024  | NO     | FAIR             | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              | Stone Culvert. Pipe from CB discharges inside culvert |
| 19      | Lakeside Drive - 41         |            |        |                  |                      |                       |            |       |                 |                                                       |
| 20      | Ridgeland Road - 1          |            |        |                  |                      |                       |            |       |                 |                                                       |
| 21      | Crest - 5                   |            |        |                  |                      |                       |            |       |                 |                                                       |
| 22      | Crest - 21                  |            |        |                  |                      |                       |            |       |                 |                                                       |
| 23      | Circle Road - 3             |            |        |                  |                      |                       |            |       |                 |                                                       |
| 24      | Green Avenue - 25           | 3/26/2024  | YES    | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                       |
| 25      | Sweet Street - 24           |            |        |                  |                      |                       |            |       |                 |                                                       |
| 26      | Dinaro Dr. - 5              |            |        |                  |                      |                       |            |       |                 |                                                       |
| 27      | Austin Avenue - 129         |            |        |                  |                      |                       |            |       |                 |                                                       |
| 28      | Stoney Lane - 5             |            |        |                  |                      |                       |            |       |                 |                                                       |
| 29      | Stoney Lane - 17            |            |        |                  |                      |                       |            |       |                 |                                                       |
| 30      | Pine Grove Circle           |            |        |                  |                      |                       |            |       |                 |                                                       |
| 31      | Greenbrier Rd. 10           |            |        |                  |                      |                       |            |       |                 |                                                       |
| 32      | Granit Ledge - 6            |            |        |                  |                      |                       |            |       |                 |                                                       |
| 33      | Log Rd./Mann School Rd.     | 2/20/2024  | NO     | EXCELLENT        | PARTIALLY BLOCKED    | NEEDS REMOVAL         | NO         | NO    | NO              | Sediment accumulation in pond requires removal        |
| 34      | Deerfield Park              |            |        |                  |                      |                       |            |       |                 |                                                       |
| 35      | Deerfield Park              | 3/27/2024  | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                       |
| 36      | Deerhill Dr. - 2            | 3/20/2024  | NO     | EXCELLENT        | UNOBSTRUCTED         | MINIMAL               | NO         | YES   | NO              | Needs Flushing. Pond needs mowing                     |
| 37      | Deerhill Dr. - 6            | 3/20/2024  | NO     | EXCELLENT        | UNOBSTRUCTED         | MINIMAL               | NO         | NO    | NO              | Needs Flushing                                        |
| 38      | Whipple Road - 147          |            |        |                  |                      |                       |            |       |                 |                                                       |
| 39      | Maureen Drive - 2           | 11/6/2024  | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              | PC F.E.S. Leaves only                                 |
| 40      | Deerfield Park              |            |        |                  |                      |                       |            |       |                 |                                                       |

**2024 OUTFALL INSPECTION AND INVENTORY**  
**(PHYSICAL ATTRIBUTES)**  
TOWN OF SMITHFIELD

| OUTFALL | NEAREST LOCATION                   | DATE      | FLOW ? | OUTLET CONDITION | DISCHARGE CONDITIONS | SEDIMENT ACCUMULATION | SCOURING ? | TRASH | CAUSES FLOODING | COMMENTS                                       |
|---------|------------------------------------|-----------|--------|------------------|----------------------|-----------------------|------------|-------|-----------------|------------------------------------------------|
| 41      | Forest Wood Drive - 7              | 11/6/2024 | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              | PC F.E.S. Leaves only                          |
| 42      | Redfern Drive - 11                 |           |        |                  |                      |                       |            |       |                 |                                                |
| 43      | Maureen Drive - 35                 |           |        |                  |                      |                       |            |       |                 |                                                |
| 44      | Highview Drive - 26 (On Catherine) |           |        |                  |                      |                       |            |       |                 |                                                |
| 45      | Highview Drive - 26 (On Catherine) |           |        |                  |                      |                       |            |       |                 |                                                |
| 46      | Lori Ellen Drive - 33              |           |        |                  |                      |                       |            |       |                 |                                                |
| 47      | Lori Ellen Drive - 33              |           |        |                  |                      |                       |            |       |                 |                                                |
| 48      | Maureen Drive - 44                 |           |        |                  |                      |                       |            |       |                 |                                                |
| 49      | Lori Ellen Drive - 18              |           |        |                  |                      |                       |            |       |                 |                                                |
| 50      | Clark Road - 25                    |           |        |                  |                      |                       |            |       |                 |                                                |
| 51      | Mowry Farms                        |           |        |                  |                      |                       |            |       |                 |                                                |
| 52      | Ridge Road - 91                    |           |        |                  |                      |                       |            |       |                 |                                                |
| 53      | Ridge Road - 35                    |           |        |                  |                      |                       |            |       |                 |                                                |
| 54      | Sunset Drive - 16                  |           |        |                  |                      |                       |            |       |                 |                                                |
| 55      | Sunset Drive - 12                  |           |        |                  |                      |                       |            |       |                 |                                                |
| 56      | Lydia Ann Road - 205               | 10/3/2024 | NO     | FAIR             | UNOBSTRUCTED         | MINIMAL               | NO         | NO    | NO              |                                                |
| 57      | Harris Road - 279                  | 10/3/2024 | NO     | POOR             | PARTIALLY BLOCKED    | IMPEDES DISCHARGE     | NO         | YES   | NO              | 50% of Pipe filled w/ sediment. Needs Flushing |
| 58      | Tarkiln Road - 68                  |           |        |                  |                      |                       |            |       |                 |                                                |
| 59      | Harris Road - 186                  | 10/3/2024 | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                |
| 60      | Farnum Pike - 39                   |           |        |                  |                      |                       |            |       |                 | Opposite Georgia Court                         |
| 61      | Reservoir Road - 250               |           |        |                  |                      |                       |            |       |                 |                                                |
| 62      | West Reservoir Road - 111          |           |        |                  |                      |                       |            |       |                 |                                                |
| 63      | West Reservoir Road - 75           |           |        |                  |                      |                       |            |       |                 |                                                |
| 64      | Rogler Farm Road - 33              |           |        |                  |                      |                       |            |       |                 |                                                |
| 65      | Rogler Farm Road - 39              | 9/18/2024 | NO     | FAIR             | PARTIALLY BLOCKED    | NEEDS REMOVAL         | NO         | NO    | NO              | Overgrown w/heavy vegetation. Needs removal    |
| 66      | Rogler Farm Road - 40              |           |        |                  |                      |                       |            |       |                 |                                                |
| 67      | Rogler Farm & Farnum Pike          | 9/18/2024 | NO     | FAIR             | PARTIALLY BLOCKED    | NEEDS REMOVAL         | NO         | NO    | NO              | Overgrown w/heavy vegetation. Needs removal    |
| 68      | Dongay Road - 1                    | 2/27/2024 | YES    | FAIR             | PARTIALLY BLOCKED    | NEEDS REMOVAL         | NO         | NO    | NO              |                                                |
| 69      | Dongay Road - 9                    | 2/27/2024 | YES    | FAIR             | UNOBSTRUCTED         | MINIMAL               | NO         | NO    | NO              | 24 " RCP . Crown of pipe is cracked            |
| 70      | Brayton Road - 12                  |           |        |                  |                      |                       |            |       |                 |                                                |
| 71      | Mann School Road - 70              |           |        |                  |                      |                       |            |       |                 |                                                |
| 72      | Appian Way - 23                    |           |        |                  |                      |                       |            |       |                 |                                                |
| 73      | Appian Way - 23                    |           |        |                  |                      |                       |            |       |                 |                                                |
| 74      | Pond View Court - 10               |           |        |                  |                      |                       |            |       |                 |                                                |
| 75      | Stillwater Road - 342              |           |        |                  |                      |                       |            |       |                 |                                                |
| 76      | Stillwater Road - 317              |           |        |                  |                      |                       |            |       |                 |                                                |
| 77      | Stillwater Road - 294              |           |        |                  |                      |                       |            |       |                 |                                                |
| 78      | Stillwater Road - 274              |           |        |                  |                      |                       |            |       |                 |                                                |
| 79      | John Mowry Road - 21               |           |        |                  |                      |                       |            |       |                 |                                                |
| 80      | John Mowry Road - 7                |           |        |                  |                      |                       |            |       |                 |                                                |

**2024 OUTFALL INSPECTION AND INVENTORY**  
**(PHYSICAL ATTRIBUTES)**  
TOWN OF SMITHFIELD

| OUTFALL | NEAREST LOCATION                   | DATE       | FLOW ? | OUTLET CONDITION | DISCHARGE CONDITIONS | SEDIMENT ACCUMULATION | SCOURING ? | TRASH | CAUSES FLOODING | COMMENTS                                              |
|---------|------------------------------------|------------|--------|------------------|----------------------|-----------------------|------------|-------|-----------------|-------------------------------------------------------|
| 81      | Stillwater Road - 261              |            |        |                  |                      |                       |            |       |                 |                                                       |
| 82      | Factory Pond Circle - 5            | 3/5/2024   | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                       |
| 83      | Industrial Drive South - 3         |            |        |                  |                      |                       |            |       |                 |                                                       |
| 84      | Industrial Drive 13                |            |        |                  |                      |                       |            |       |                 |                                                       |
| 85      | Old Forge Road - 28                | 2/27/2024  | YES    | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              | HDPE pipe                                             |
| 86      | Burlingame Road - 26               |            |        |                  |                      |                       |            |       |                 |                                                       |
| 87      | Latham Farm Road - 44              |            |        |                  |                      |                       |            |       |                 |                                                       |
| 88      | Cedar Forest Road - 50             |            |        |                  |                      |                       |            |       |                 | At Low Point in Latham Farm Road                      |
| 89      | Latham Farm Road - 41              |            |        |                  |                      |                       |            |       |                 |                                                       |
| 90      | Latham Farm Road - 4               | 9/18/2024  | NO     | FAIR             | UNOBSTRUCTED         | MINIMAL               | NO         | NO    | YES             | RCP with Headwall                                     |
| 91      | Latham Farm Road - 6               | 9/18/2024  | NO     | FAIR             | PARTIALLY BLOCKED    | NEEDS REMOVAL         | NO         | NO    | NO              | 3/4 of pipe filled with sediment                      |
| 92      | Log Road - 545                     | 2/20/2024  | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              | 12" Dia. PVC                                          |
| 93      | Burlingame Road - 51               |            |        |                  |                      |                       |            |       |                 | Outfalls to Brook in vicinity of Log Road             |
| 94      | Lark Industrial Pkwy - 7           | 2/16/2024  | NO     | FAIR             | PARTIALLY BLOCKED    | IMPEDES DISCHARGE     | NO         | NO    | NO              | May cause flooding during intense rainfalls           |
| 95      | Lark Industrial Pkwy - 11          | 2/16/2024  | YES    | FAIR             | UNOBSTRUCTED         | MINIMAL               | NO         | NO    | NO              | 12" Dia. CMP (Projecting)                             |
| 96      | Lark Industrial Pkwy - 11          | 2/16/2024  | YES    | FAIR             | UNOBSTRUCTED         | MINIMAL               | NO         | NO    | NO              | 12" RCP (sediment in channel, removal not a priority) |
| 97      | Lisa Ann Court - 2                 |            |        |                  |                      |                       |            |       |                 |                                                       |
| 98      | Austin Avenue - 11                 |            |        |                  |                      |                       |            |       |                 |                                                       |
| 99      | Austin Avenue - 12                 | 8/20/2024  | NO     | FAIR             | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              | Outfalls thru retaining wall                          |
| 100     | Austin Avenue - 11                 | 8/20/2024  | YES    | FAIR             | UNOBSTRUCTED         | NONE                  | NO         | YES   | NO              | PCC Flared End Section                                |
| 101     | Douglas Circle - 33                | 8/21/2024  | NO     | NOT VISIBLE      | PARTIALLY BLOCKED    | NEEDS REMOVAL         | NO         | NO    | NO              | Heavy Vegetation, removal not required                |
| 102     | Pleasant View Circle - 17          | 8/21/2024  | NO     | NOT VISIBLE      | PARTIALLY BLOCKED    | NEEDS REMOVAL         | NO         | NO    | NO              | Heavy Vegetation, removal not required                |
| 103     | Burlingame Rd-8                    |            |        |                  |                      |                       |            |       |                 |                                                       |
| 104     | William J. Hawkins Trail - 1       |            |        |                  |                      |                       |            |       |                 |                                                       |
| 105     | Appletown Road - 16                |            |        |                  |                      |                       |            |       |                 |                                                       |
| 106     | Pamela Drive - 7                   |            |        |                  |                      |                       |            |       |                 |                                                       |
| 107     | Maplewood Orchard Drive - 28       |            |        |                  |                      |                       |            |       |                 |                                                       |
| 108     | Valley View Drive - 27             |            |        |                  |                      |                       |            |       |                 |                                                       |
| 109     | Baldwin Drive - 27                 |            |        |                  |                      |                       |            |       |                 |                                                       |
| 110     | Mann School Road - 246             |            |        |                  |                      |                       |            |       |                 |                                                       |
| 111     | Indian Run Trail - 105             |            |        |                  |                      |                       |            |       |                 |                                                       |
| 112     | Indian Run Trail - 111             |            |        |                  |                      |                       |            |       |                 |                                                       |
| 113     | Balsam Lane - 7                    |            |        |                  |                      |                       |            |       |                 |                                                       |
| 114     | Riverview Avenue - 28              |            |        |                  |                      |                       |            |       |                 |                                                       |
| 115     | Log Road - 15                      |            |        |                  |                      |                       |            |       |                 |                                                       |
| 116     | Conners Farm Drive - 20            | 11/19/2024 | NO     | EXCELLENT        | UNOBSTRUCTED         | MINIMAL               | NO         | NO    | NO              |                                                       |
| 117     | Conners Farm Drive - PL of 30 / 32 | 11/19/2024 | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                       |
| 118     | Williams Road - 87                 | 11/12/2024 | NO     | EXCELLENT        | PARTIALLY BLOCKED    | MINIMAL               | NO         | NO    | NO              | Needs Jetting to remove sediment                      |
| 119     | Factory Pond Circle - 3            | 3/5/2024   | NO     | FAIR             | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                       |
| 120     | Sheffield Road - 9                 |            |        |                  |                      |                       |            |       |                 |                                                       |

**2024 OUTFALL INSPECTION AND INVENTORY**  
**(PHYSICAL ATTRIBUTES)**  
TOWN OF SMITHFIELD

| OUTFALL | NEAREST LOCATION             | DATE       | FLOW ? | OUTLET CONDITION | DISCHARGE CONDITIONS | SEDIMENT ACCUMULATION | SCOURING ? | TRASH | CAUSES FLOODING | COMMENTS                                          |
|---------|------------------------------|------------|--------|------------------|----------------------|-----------------------|------------|-------|-----------------|---------------------------------------------------|
| 121     | Magnolia Circle - 3          |            |        |                  |                      |                       |            |       |                 |                                                   |
| 122     | Adams Street - 19            | 11/7/2024  | NO     | FAIR             | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              | CMP - Access from #19 Adams St. Down steep Emb'mt |
| 123     | Ernest Street - 8            |            |        |                  |                      |                       |            |       |                 |                                                   |
| 124     | Greenbrier Road - 14         |            |        |                  |                      |                       |            |       |                 |                                                   |
| 125     | Sheffield Road - 9           |            |        |                  |                      |                       |            |       |                 |                                                   |
| 126     | Sheffield Road - 9           |            |        |                  |                      |                       |            |       |                 |                                                   |
| 127     | Sturbridge Avenue - 9        |            |        |                  |                      |                       |            |       |                 |                                                   |
| 128     | Sheffield Road - 11          |            |        |                  |                      |                       |            |       |                 |                                                   |
| 129     | Gladstone Street - 16        |            |        |                  |                      |                       |            |       |                 |                                                   |
| 130     | Stillwater Road - 78         |            |        |                  |                      |                       |            |       |                 |                                                   |
| 131     | Burlingame Road - 52         |            |        |                  |                      |                       |            |       |                 |                                                   |
| 132     | William J. Hawkins Trail - 1 |            |        |                  |                      |                       |            |       |                 |                                                   |
| 133     | Beverly Circle - 7           | 10/31/2024 | NO     | FAIR             | UNOBSTRUCTED         | MINIMAL               | NO         | NO    | NO              |                                                   |
| 134     | Burlingame Road - 140        |            |        |                  |                      |                       |            |       |                 |                                                   |
| 135     | Mapleville Road - 93/97      |            |        |                  |                      |                       |            |       |                 |                                                   |
| 136     | Megan Circle - 6             |            |        |                  |                      |                       |            |       |                 |                                                   |
| 137     | Colwell Road - 66            |            |        |                  |                      |                       |            |       |                 |                                                   |
| 138     | Maplecrest Drive - 4         |            |        |                  |                      |                       |            |       |                 |                                                   |
| 139     | Cherry Blossom Lane - 5      |            |        |                  |                      |                       |            |       |                 |                                                   |
| 140     | Val Jean Drive - 19          |            |        |                  |                      |                       |            |       |                 |                                                   |
| 141     | Fieldstone Circle - 4        |            |        |                  |                      |                       |            |       |                 |                                                   |
| 142     | Hill Street - 3              |            |        |                  |                      |                       |            |       |                 |                                                   |
| 143     | Hill Street - 3              |            |        |                  |                      |                       |            |       |                 |                                                   |
| 144     | Hill Street - 2              |            |        |                  |                      |                       |            |       |                 |                                                   |
| 145     | Whipple Avenue - 29          |            |        |                  |                      |                       |            |       |                 |                                                   |
| 146     | Fenwood Avenue - 66          |            |        |                  |                      |                       |            |       |                 |                                                   |
| 147     | Sweet Street - 7             | 5/29/2024  | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              | Pipe is PVC and Projecting                        |
| 148     | Lakeside Drive - 35          |            |        |                  |                      |                       |            |       |                 |                                                   |
| 149     | North CandyCourt - 2         |            |        |                  |                      |                       |            |       |                 |                                                   |
| 150     | Candy Court - 1              |            |        |                  |                      |                       |            |       |                 |                                                   |
| 151     | Conners Farm Drive - 38/40   | 11/19/2024 | NO     | EXCELLENT        | UNOBSTRUCTED         | MINIMAL               | NO         | NO    | NO              | D-Basin needs mowing                              |
| 152     | Meadow View Drive - 4        |            |        |                  |                      |                       |            |       |                 |                                                   |
| 153     | Friendship Lane - 11         |            |        |                  |                      |                       |            |       |                 |                                                   |
| 154     | Domin Avenue - 14            |            |        |                  |                      |                       |            |       |                 |                                                   |
| 155     | Dongay Road -1               |            |        |                  |                      |                       |            |       |                 |                                                   |
| 156     | Kristan - 1                  | 11/8/2024  | NO     | EXCELLENT        | UNOBSTRUCTED         | MINIMAL               | NO         | YES   | NO              | D-Basin needs cleaning                            |
| 157     | Colwell Road - 60            |            |        |                  |                      |                       |            |       |                 |                                                   |
| 158     | Harris Road - -289           | 10/3/2024  | NO     | POOR             | BURIED               | IMPEDES DISCHARGE     | NO         | NO    | NO              | Heavy brush, needs remova,l needs flushing        |
| 159     | Conners Fram Drive - 53      |            |        |                  |                      |                       |            |       |                 | At Rear of property P-14                          |
| 160     | Tristan Court - 5            |            |        |                  |                      |                       |            |       |                 |                                                   |

**2024 OUTFALL INSPECTION AND INVENTORY**  
**(PHYSICAL ATTRIBUTES)**  
TOWN OF SMITHFIELD

| OUTFALL | NEAREST LOCATION                   | DATE      | FLOW ? | OUTLET CONDITION | DISCHARGE CONDITIONS | SEDIMENT ACCUMULATION | SCOURING ? | TRASH | CAUSES FLOODING | COMMENTS                                       |
|---------|------------------------------------|-----------|--------|------------------|----------------------|-----------------------|------------|-------|-----------------|------------------------------------------------|
| 161     | Tristan Court - 23                 |           |        |                  |                      |                       |            |       |                 | Cul-De-Sac                                     |
| 162     | Waterman avenue - 364              |           |        |                  |                      |                       |            |       |                 |                                                |
| 163     | Stillwater Road - 142              |           |        |                  |                      |                       |            |       |                 |                                                |
| 164     | Ridgeview court - 12               | 9/5/2024  | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              | D-Basin overgrown with heavy wooded vegetation |
| 165     | Fanning Lane - 67                  |           |        |                  |                      |                       |            |       |                 |                                                |
| 166     | Esmond Street - 2                  |           |        |                  |                      |                       |            |       |                 |                                                |
| 167     | Julien Street - 4                  | 9/17/2024 | NO     | FAIR             | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              | 12 inch RCP Projecting                         |
| 168     | Hanton City Trail - 1              |           |        |                  |                      |                       |            |       |                 |                                                |
| 169     | Pond View Court - 6                |           |        |                  |                      |                       |            |       |                 |                                                |
| 170     | Thurber Blvd.- 43                  |           |        |                  |                      |                       |            |       |                 |                                                |
| 171     | Thurber Blvd.- 43                  |           |        |                  |                      |                       |            |       |                 |                                                |
| 172     | Thurber Blvd.- 37                  |           |        |                  |                      |                       |            |       |                 |                                                |
| 173     | Thurber Blvd. - 25                 |           |        |                  |                      |                       |            |       |                 |                                                |
| 174     | Thurber Blvd. - 15                 |           |        |                  |                      |                       |            |       |                 |                                                |
| 175     | Thurber Blvd. - 9                  |           |        |                  |                      |                       |            |       |                 |                                                |
| 176     | Stillwater Road - 317              |           |        |                  |                      |                       |            |       |                 |                                                |
| 177     | Thurber Blvd. - 35                 |           |        |                  |                      |                       |            |       |                 |                                                |
| 178     | Stilwater Road - 225               |           |        |                  |                      |                       |            |       |                 |                                                |
| 179     | Reardon Way - 5                    |           |        |                  |                      |                       |            |       |                 |                                                |
| 180     | Log Road - 100                     |           |        |                  |                      |                       |            |       |                 |                                                |
| 181     | Richard Street - 14                |           |        |                  |                      |                       |            |       |                 |                                                |
| 182     | Macarthur Drive - 24               | 3/26/2024 | NO     | FAIR             | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                |
| 183     | Pineridge Drive - 24               |           |        |                  |                      |                       |            |       |                 |                                                |
| 184     | Deer Run Trail - 35/43             |           |        |                  |                      |                       |            |       |                 |                                                |
| 185     | Indian Run Trail - 63              |           |        |                  |                      |                       |            |       |                 |                                                |
| 186     | Austin Avenue - 15                 |           |        |                  |                      |                       |            |       |                 |                                                |
| 187     | Sutton Street - 19                 |           |        |                  |                      |                       |            |       |                 |                                                |
| 188     | Willow Road - Rear of Willow Field |           |        |                  |                      |                       |            |       |                 |                                                |
| 189     | Herbert Street - 12                |           |        |                  |                      |                       |            |       |                 |                                                |
| 190     | Smithfiel High School - NE Corner  |           |        |                  |                      |                       |            |       |                 |                                                |
| 191     | Peace Pipe Trail - 34              |           |        |                  |                      |                       |            |       |                 |                                                |
| 192     | Indian Run Trail - 143             |           |        |                  |                      |                       |            |       |                 |                                                |
| 193     | Indian Run Trial - 125             |           |        |                  |                      |                       |            |       |                 |                                                |
| 194     | Indian Run Trail - 125             | 9/17/2024 | NO     | FAIR             | PARTIALLY BLOCKED    | NEEDS REMOVAL         | NO         | NO    | NO              | Private outfall. System needs complete repair. |
| 195     | Indian Run Trail - 121             |           |        |                  |                      |                       |            |       |                 |                                                |
| 196     | William J. Hawkins Trail - 1       | 3'27/2024 | NO     | FAIR             | PARTIALLY BLOCKED    | NONE                  | NO         | NO    | NO              |                                                |
| 197     | William J. Hawkins Trail - 1       |           |        |                  |                      |                       |            |       |                 | System needs flushing.                         |
| 198     | Douglas Circle - 45                | 8/21/2024 | NO     | FAIR             | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                |
| 199     | Macarthur Drive - 16               |           |        |                  |                      |                       |            |       |                 |                                                |
| 200     | Lawnacre Drive - 3                 | 8/21/2024 | NO     | FAIR             | UNOBSTRUCTED         | MINIMAL               | NO         | NO    | NO              | Discharges to Stillwater River                 |

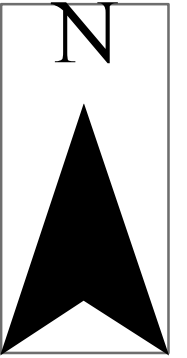
**2024 OUTFALL INSPECTION AND INVENTORY**  
**(PHYSICAL ATTRIBUTES)**  
TOWN OF SMITHFIELD

| OUTFALL | NEAREST LOCATION                     | DATE       | FLOW ? | OUTLET CONDITION | DISCHARGE CONDITIONS | SEDIMENT ACCUMULATION | SCOURING ? | TRASH | CAUSES FLOODING | COMMENTS                                           |
|---------|--------------------------------------|------------|--------|------------------|----------------------|-----------------------|------------|-------|-----------------|----------------------------------------------------|
| 201     | Austin Avenue - 15                   | 8/21/2024  | NO     | NOT VISIBLE      | PARTIALLY BLOCKED    | MINIMAL               | NO         | YES   | NO              | Dumped leaves and grass clippings.                 |
| 202     | Lodge Pole Lane - 20                 |            |        |                  |                      |                       |            |       |                 |                                                    |
| 203     | Valley View Drive - 25               |            |        |                  |                      |                       |            |       |                 |                                                    |
| 204     | Baldwin Drive - 11                   |            |        |                  |                      |                       |            |       |                 |                                                    |
| 205     | Ryan Court                           | 10/3/2024  | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                    |
| 206     | Victoria Drive - 14                  |            |        |                  |                      |                       |            |       |                 |                                                    |
| 207     | Ryan Court - 7                       | 10/3/2024  | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                    |
| 208     | John Mowry Road - 250                |            |        |                  |                      |                       |            |       |                 |                                                    |
| 209     | Decotis Farm Road / Douglas Pike     |            |        |                  |                      |                       |            |       |                 |                                                    |
| 210     | John Mowry Road - 206                |            |        |                  |                      |                       |            |       |                 |                                                    |
| 211     | Rogler Farm Road - 22                |            |        |                  |                      |                       |            |       |                 |                                                    |
| 212     | Maple Crest Drive - 33               |            |        |                  |                      |                       |            |       |                 |                                                    |
| 213     | Reaper Court - 3                     | 3/5/2024   | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                    |
| 214     | Factory Pond Circle - 18             | 3/5/2024   | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                    |
| 215     | Factory Pond Circle - 24             | 3/5/2024   | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                    |
| 216     | Factory Pond Circle 24               | 3/5/2024   | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                    |
| 217     | Factory Pond Circle - 36             | 3/5/2024   | NO     | EXCELLENT        | PARTIALLY BLOCKED    | NEEDS REMOVAL         | NO         | NO    | NO              | Pipe Needs Flushing                                |
| 218     | Hawkins Street - 7                   | 10/31/2024 | NO     | FAIR             | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                    |
| 219     | Beverly Circle - 25                  | 10/31/2024 | NO     | FAIR             | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                    |
| 220     | Seville Road - 5                     | 9/5/2024   | NO     | NEEDS MAINT.     | PARTIALLY BLOCKED    | MINIMAL               | NO         | NO    | NO              | Large fallen tree needs removal. Pipe not visible. |
| 221     | Bayou Drive - 5                      | 10/31/2024 | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                    |
| 222     | Fanning Lane - 10                    |            |        |                  |                      |                       |            |       |                 |                                                    |
| 223     | Fanning Lane - 24                    |            |        |                  |                      |                       |            |       |                 |                                                    |
| 224     | Oakwood Circle - 4                   |            |        |                  |                      |                       |            |       |                 | Infiltration                                       |
| 225     | Rosemary Lane - 22                   |            |        |                  |                      |                       |            |       |                 |                                                    |
| 226     | Maureen Drive - 44                   |            |        |                  |                      |                       |            |       |                 |                                                    |
| 227     | Forestwood Drive - 39                |            |        |                  |                      |                       |            |       |                 |                                                    |
| 228     | Clark Road - 23                      |            |        |                  |                      |                       |            |       |                 |                                                    |
| 229     | Clark Road - 100                     |            |        |                  |                      |                       |            |       |                 |                                                    |
| 230     | Hughs Drive - 8                      |            |        |                  |                      |                       |            |       |                 |                                                    |
| 231     | Factory Pond Drive - 1               | 3/5/2024   | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                    |
| 232     | Hunters Knoll - 19                   | 9/5/2024   | NO     | EXCELLENT        | PARTIALLY BLOCKED    | IMPEDES DISCHARGE     | YES        | NO    | NO              | D-Basin overgrown with heavy wooded vegetation     |
| 233     | Dillon Lane at Dean Pine Condos      | 3/20/2024  | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                    |
| 234     | Dillon Lane - 20 Cul- de- Sac        | 3/20/2024  | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                    |
| 235     | Lark Industrial Park - 34A           | 2/16/2024  | NO     | EXCELLENT        | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              | 36" Dia. RCP w/ Headwall                           |
| 236     | Kylie Circle - 6                     |            |        |                  |                      |                       |            |       |                 |                                                    |
| 237     | John Mowry Road - 206                |            |        |                  |                      |                       |            |       |                 |                                                    |
| 238     | Ridge Road - 157 North of Dillon Ln. |            |        |                  |                      |                       |            |       |                 |                                                    |
| 239     | Apple Orchard Lane - 6               |            |        |                  |                      |                       |            |       |                 |                                                    |
| 240     | Log Road - 444                       | 2/20/2024  | NO     | FAIR             | UNOBSTRUCTED         | MINIMAL               | NO         | NO    | NO              | Structure w/ opening at outlet                     |

**2024 OUTFALL INSPECTION AND INVENTORY**  
**(PHYSICAL ATTRIBUTES)**  
**TOWN OF SMITHFIELD**

| OUTFALL | NEAREST LOCATION                   | DATE       | FLOW ? | OUTLET CONDITION | DISCHARGE CONDITIONS | SEDIMENT ACCUMULATION | SCOURING ? | TRASH | CAUSES FLOODING | COMMENTS                                          |
|---------|------------------------------------|------------|--------|------------------|----------------------|-----------------------|------------|-------|-----------------|---------------------------------------------------|
| 241     | Tarkiln Road - 103                 | 8/14/2024  | NO     | EXCELLENT        | UNOBSTRUCTED         | MINIMAL               | NO         | NO    | NO              |                                                   |
| 242     | Pleasant View/Spragueville Road    |            |        |                  |                      |                       |            |       |                 |                                                   |
| 243     | Enterprise Lane - 10               |            |        |                  |                      |                       |            |       |                 |                                                   |
| 244     | Tipping Rock Road - Opposite # 4   | 9/17/2024  | NO     | FAIR             | PARTIALLY BLOCKED    | MINIMAL               | NO         | NO    | NO              | Overgrown w/heavy vegetation. Needs removal       |
| 245     | Mountaindale Road - 134            |            |        |                  |                      |                       |            |       |                 |                                                   |
| 246     | Colwell - 21/27                    | 11/8/2024  |        |                  |                      |                       |            |       |                 | Not Found - Requires Further Field inbestegation  |
| 247     | Meghan Circle - 6/8                |            | YES    |                  |                      |                       |            |       |                 |                                                   |
| 248     | Mann School Road - 222             |            |        |                  |                      |                       |            |       |                 |                                                   |
| 249     | Burlingame Road @ Mann School      |            |        |                  |                      |                       |            |       |                 |                                                   |
| 250     | Colwell Road - 41                  | 11/8/2024  |        |                  |                      |                       |            |       |                 | Not Found - Requires Further Field investegation. |
| 251     | Colwell Road - 47                  |            |        |                  |                      |                       |            |       |                 |                                                   |
| 252     | Smithfield High School - NW Corner |            |        |                  |                      |                       |            |       |                 |                                                   |
| 253     | Sibelle Road - 52                  |            |        |                  |                      |                       |            |       |                 |                                                   |
| 254     | Business Park Dr. (Dejana Inc.)    |            |        |                  |                      |                       |            |       |                 |                                                   |
| 255     | Mapleville Rd. (Waterman Village)  |            |        |                  |                      |                       |            |       |                 |                                                   |
| 256     | Linfield Drive ( Cul-de Sac)       |            |        |                  |                      |                       |            |       |                 |                                                   |
| 257     | Lindfield Circle (Cul-de-Sac)      |            |        |                  |                      |                       |            |       |                 |                                                   |
| 258     | Greenwood Lane - 31                |            |        |                  |                      |                       |            |       |                 |                                                   |
| 259     | Lakeview Drive - 8                 | 10/31/2024 | NO     | FAIR             | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              |                                                   |
| 260     |                                    |            |        |                  |                      |                       |            |       |                 |                                                   |
| 261     | Canton Court - 7                   |            |        |                  |                      |                       |            |       |                 |                                                   |
| 262     | Tameo Lane - 0                     |            |        |                  |                      |                       |            |       |                 |                                                   |
| 263     | Tameo Lane- 15                     |            |        |                  |                      |                       |            |       |                 |                                                   |
| 264     | Mountaindale Rd - 85               |            |        |                  |                      |                       |            |       |                 |                                                   |
| 265     | Carltons Trail - 1                 |            |        |                  |                      |                       |            |       |                 |                                                   |
| 266     | Carltons Trail                     |            |        |                  |                      |                       |            |       |                 |                                                   |
| 267     | West Farm Rd-2                     |            |        |                  |                      |                       |            |       |                 |                                                   |
| 268     | West Farm Rd-3                     |            |        |                  |                      |                       |            |       |                 |                                                   |
| 269     | West Farm Rd-9                     |            |        |                  |                      |                       |            |       |                 |                                                   |
| 194     | Opposite 14 Second Street          | 9/17/2024  | YES    | FAIR             | UNOBSTRUCTED         | NONE                  | NO         | NO    | NO              | Overgrown w/heavy vegetation. Needs removal       |

**TOTAL OUTFALLS INSPECTED YR. 2024 = 70**



Legend

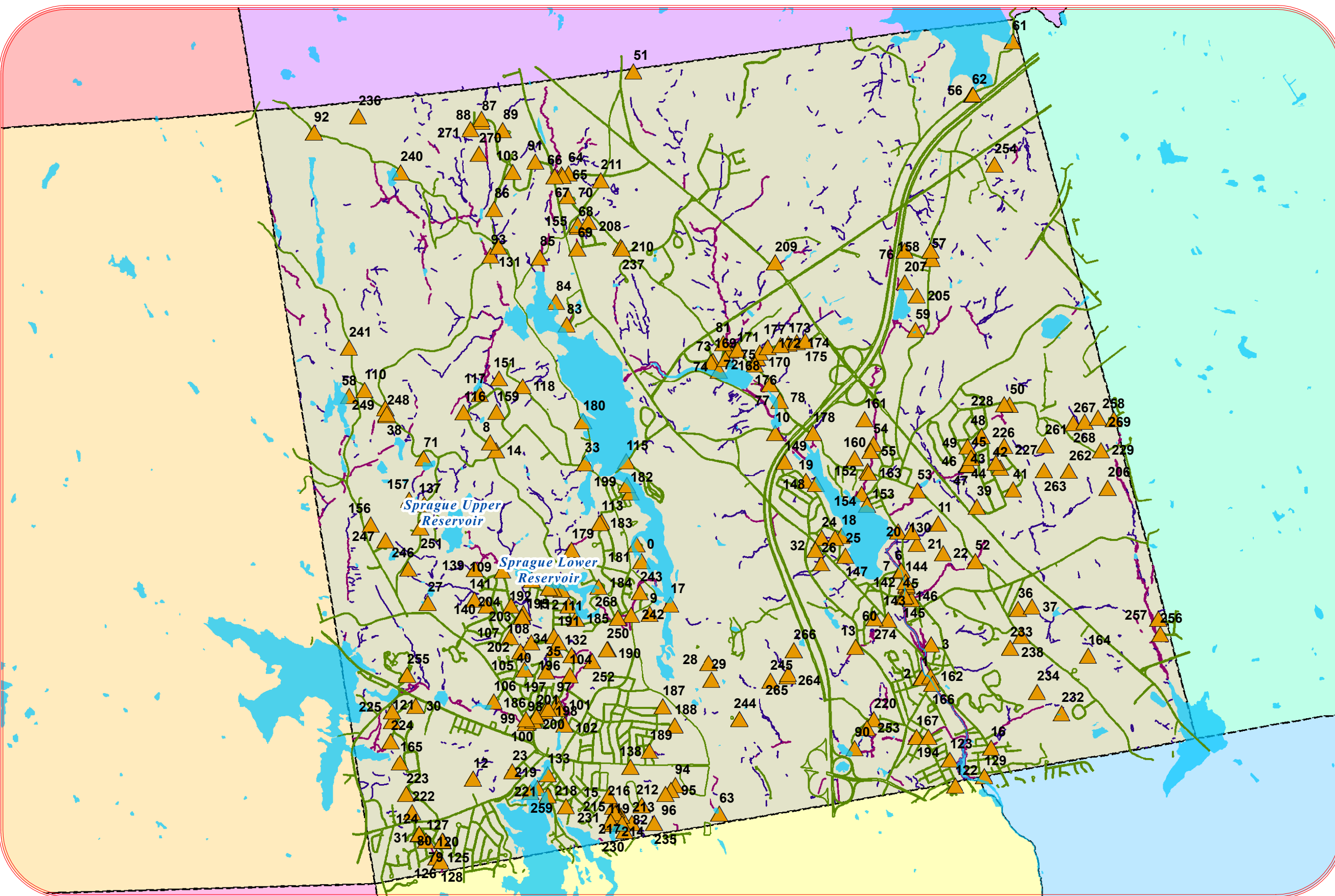
- Ponds & Lakes
- Town Outfalls
- Roads Edge
- Streams
- Rivers

**Municipalities\_1997**

<all other values>

**NAME**

- BURRILLVILLE
- GLOCESTER
- JOHNSTON
- LINCOLN
- NORTH PROVIDENCE
- NORTH SMITHFIELD
- SCITUATE
- SMITHFIELD



0 1,800 3,600 7,200 10,800  
 Feet

DISCLAIMER: This map is not a product of a Professional Land Survey. It was created by Smithfield Engineering & GIS for general reference, informational, planning or guidance use and is not a legally authoritative source as to the location of natural or manmade features. The Town of Smithfield makes no warranty, express or implied, related to the spatial accuracy, reliability, completeness, or currentness of this map.

Smithfield Town Engineers Office  
GIS Mapping  
Town of Smithfield Detention Ponds  
January, 2025

Town of Smithfield  
2024 Outfall Inventory

| General Information |    |            | Location in Decimal Degrees |             |                      |           |       |                 | Receiving Water Body Information |                           | Outfall Information |          |          |          |          |          |        |
|---------------------|----|------------|-----------------------------|-------------|----------------------|-----------|-------|-----------------|----------------------------------|---------------------------|---------------------|----------|----------|----------|----------|----------|--------|
| Inspector(s)        | ID | Date       | Longitude                   | Latitude    | Method of Collection | in meters | Datum | Photo Name      | Type                             | Name                      | Material            | If Other | Shape    | If Other | Diameter | If Other | Type   |
| JJ, GL, EF          | 1  | 2003       | -71.5029149                 | +41.8788617 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_001.jpg | RIVER/STREAM                     | Woonasquatucket River     | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 2  | 2003       | -71.5029048                 | +41.8788606 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_002.jpg | RIVER/STREAM                     | Woonasquatucket River     | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 3  | 2003       | -71.5016385                 | +41.8821305 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_003.jpg | FRESHWATER_WETLAND               | Woonasquatucket River     | HDPE                |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 4  | 2003       | -71.5043722                 | +41.8865761 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_004.jpg | RIVER/STREAM                     | Whipple Brook             | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 5  | 2003       | -71.5042950                 | +41.8865146 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_005.jpg | RIVER/STREAM                     | Whipple Brook             | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 6  | 2003       | -71.5056777                 | +41.8892595 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_006.jpg | RIVER/STREAM                     | Woonasquatucket River     | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 7  | 2003       | -71.5055959                 | +41.8893775 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_007.jpg | RIVER/STREAM                     | Woonasquatucket River     | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 8  | 2003       | -71.5594422                 | +41.9018050 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_008.jpg | FRESHWATER_WETLAND               | Woonasquatucket Reservoir | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 9  | 2003       | -71.5389623                 | +41.8846993 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_009.jpg | FRESHWATER_WETLAND               | Woonasquatucket Reservoir | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 10 | 2003       | -71.5221201                 | +41.9027432 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_010.jpg | FRESHWATER_WETLAND               | Georgiaville Pond         | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 11 | 2011       | -71.5007773                 | +41.8939325 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_011.jpg | FRESHWATER_WETLAND               | Woonasquatucket River     | HDPE                |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 12 | 2011       | -71.5616434                 | +41.8689267 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_012.jpg | FRESHWATER_WETLAND               | Hopkins Pond              | HDPE                |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 13 | 12/30/2014 | -71.5115449                 | +41.8818531 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_013.jpg | RIVER/STREAM                     | Woonasquatucket River     | CLAY                |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 14 | 2011       | -71.5586910                 | +41.9010494 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_014.jpg | FRESHWATER_WETLAND               | Woonasquatucket Reservoir | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 15 | 12/1/2014  | -71.5438488                 | +41.8672381 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_015.jpg | LAKE/POND                        | Factory Pond              | CB APRON            |          | OTHER    |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 16 | 2003       | -71.4938424                 | +41.8720289 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_016.jpg | RIVER/STREAM                     | Greystone Mill Pond       | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 17 | 2003       | -71.5358314                 | +41.8859896 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_017.jpg | RIVER/STREAM                     | Woonasquatucket Reservoir | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 18 | 2003       | -71.5133931                 | +41.8927115 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_018.jpg | LAKE/POND                        | Georgiaville Pond         | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 19 | 2003       | -71.5180703                 | +41.8981098 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_019.jpg | LAKE/POND                        | Georgiaville Pond         | RCP                 |          | CIRCULAR |          | 36"-59"  |          | SINGLE |
| JJ, GL, EF          | 20 | 2011       | -71.5041914                 | +41.8931036 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_020.jpg | RIVER/STREAM                     | Woonasquatucket River     | HDPE                |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 21 | 2011       | -71.5034980                 | +41.8919368 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_021.jpg | RIVER/STREAM                     | Woonasquatucket River     | HDPE                |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 22 | 2011       | -71.5001402                 | +41.8910195 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_022.jpg | FRESHWATER_WETLAND               | Whipple Brook             | HDPE                |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 23 | 1/21/2015  | -71.5564855                 | +41.8696646 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_023.jpg | RIVER/STREAM                     | Hopkins Pond              | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 24 | 2003       | -71.5160098                 | +41.8925314 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_024.jpg | FRESHWATER_WETLAND               | Georgiaville Pond         | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 25 | 2003       | -71.5142259                 | +41.8925265 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_025.jpg | RIVER/STREAM                     | Georgiaville Pond         | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 26 | 2003       | -71.5160547                 | +41.8900255 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_026.jpg | FRESHWATER_WETLAND               | Georgiaville Pond         | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 27 | 2011       | -71.5676169                 | +41.8861341 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_027.jpg | LAKE/POND                        | Sprague Lower Reservoir   | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 28 | 2011       | -71.5308551                 | +41.8802681 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_028.jpg | FRESHWATER_WETLAND               | Mountindale Pond          | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 29 | 2011       | -71.5304606                 | +41.8786478 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_029.jpg | FRESHWATER_WETLAND               | Mountindale Pond          | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 30 | 2011       | -71.5692189                 | +41.8760673 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_030.jpg | FRESHWATER_WETLAND               | Stillwater River          | HDPE                |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 31 | 2011       | -71.5687222                 | +41.8635379 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_031.jpg | RIVER/STREAM                     | Slack Reservoir           | PVC                 |          | CIRCULAR |          | 6"-11"   |          | DOUBLE |
| JJ, GL, EF          | 32 | 2011       | -71.5167919                 | +41.8913788 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_032.jpg | RIVER/STREAM                     | Georgiaville Pond         | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 33 | 2011       | -71.5470326                 | +41.8998011 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_033.jpg | LAKE/POND                        | Woonasquatucket Reservoir | HDPE                |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 34 | 2011       | -71.5504686                 | +41.8822847 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_034.jpg | FRESHWATER_WETLAND               | Stillwater River          | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 35 | 2011       | -71.5487714                 | +41.8810280 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_035.jpg | FRESHWATER_WETLAND               | Stillwater River          | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 36 | 2003       | -71.4902749                 | +41.8855581 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_036.jpg | FRESHWATER_WETLAND               | West River                | HDPE                |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 37 | 2003       | -71.4884667                 | +41.8857942 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_037.jpg | FRESHWATER_WETLAND               | West River                | HDPE                |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 38 | 3/22/2017  | -71.5730196                 | +41.9045912 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_038.jpg | FRESHWATER_WETLAND               | Nine Foot Brook           | PVC                 |          | CIRCULAR |          | 6"-11"   |          | SINGLE |
| JJ, GL, EF          | 39 | 2003       | -71.4956840                 | +41.8955413 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_039.jpg | FRESHWATER_WETLAND               | Gould's Pond              | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 40 | 2011       | -71.5540116                 | +41.8822983 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_040.jpg | FRESHWATER_WETLAND               | Sprague Lower Reservoir   | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 41 | 2003       | -71.4909265                 | +41.8972215 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_041.jpg | FRESHWATER_WETLAND               | Whipple Brook             | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 42 | 2003       | -71.4925970                 | +41.8993802 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_042.jpg | FRESHWATER_WETLAND               | Gould's Pond              | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 43 | 2003       | -71.4931415                 | +41.8998734 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_043.jpg | FRESHWATER_WETLAND               | Gould's Pond              | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 44 | 4/1/2014   | -71.4964046                 | +41.9003651 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_044.jpg | RIVER/STREAM                     | Gould's Pond              | HDPE                |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 45 | 2003       | -71.4963837                 | +41.9003402 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_045.jpg | RIVER/STREAM                     | Gould's Pond              | CMP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |
| JJ, GL, EF          | 46 | 2003       | -71.4969015                 | +41.8996342 | NGE)_STANDARD_POSITI | <15m      | NAD83 | OUTFALL_046.jpg | RIVER/STREAM                     | Gould's Pond              | RCP                 |          | CIRCULAR |          | 12"-35"  |          | SINGLE |

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|            |         |           |             |             |                      |      |       |                 |                    |                           |      |  |          |  |         |  |        |
|------------|---------|-----------|-------------|-------------|----------------------|------|-------|-----------------|--------------------|---------------------------|------|--|----------|--|---------|--|--------|
| JJ, GL, EF | 47      | 2003      | -71.4967675 | +41.8996815 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_047.jpg | RIVER/STREAM       | Gould's Pond              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 48      | 2003      | -71.4950040 | +41.9024509 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_048.jpg | RIVER/STREAM       | Gould's Pond              | CMP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 49      | 2003      | -71.4968363 | +41.9014418 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_049.jpg | RIVER/STREAM       | Gould's Pond              | CMP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 50      | 2003      | -71.4913528 | +41.9055102 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_050.jpg | RIVER/STREAM       | Gould's Pond              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | Private | 2/19/2015 | -71.5406937 | +41.9381557 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_051.jpg | FRESHWATER_WETLAND | Hanton Brook              | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 52      | 2003      | -71.4958923 | +41.8902785 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_052.jpg | RIVER/STREAM       | Whipple Brook             | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 53      | 2003      | -71.5034513 | +41.8971307 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_053.jpg | RIVER/STREAM       | Georgiaville Pond         | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 54      | 2003      | -71.5092362 | +41.9016779 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_054.jpg | RIVER/STREAM       | Harris Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 55      | 2003      | -71.5096098 | +41.9010085 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_055.jpg | RIVER/STREAM       | Harris Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 56      | 4/27/2015 | -71.4961582 | +41.9359059 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_056.jpg | RIVER/STREAM       | Woonsocket Reservoir #3   | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 57      | 2003      | -71.5016135 | +41.9198039 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_057.jpg | FRESHWATER_WETLAND | Harris Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 58      | 2011      | -71.5779403 | +41.9063271 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_058.jpg | LAKE/POND          | Nine Foot Brook           | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 59      | 2003      | -71.5037101 | +41.9128292 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_059.jpg | RIVER/STREAM       | Harris Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 60      | 4/1/2014  | -71.5073357 | +41.8844872 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_060.jpg | RIVER/STREAM       | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 36"-59" |  | SINGLE |
| JJ, GL, EF | 61      | 2003      | -71.4909991 | +41.9410664 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_061.jpg | LAKE/POND          | Woonsocket Reservoir #3   | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 62      | 4/27/2015 | -71.4963036 | +41.9358410 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_062.jpg | RIVER/STREAM       | Woonsocket Reservoir #3   | CMP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 63      | 2003      | -71.5294218 | +41.8655354 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_063.jpg | LAKE/POND          | Hawkins Brook             | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 64      | 2003      | -71.5492346 | +41.9281538 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_064.jpg | FRESHWATER_WETLAND | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 65      | 2003      | -71.5501126 | +41.9280451 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_065.jpg | FRESHWATER_WETLAND | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 66      | 2003      | -71.5500222 | +41.9278965 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_066.jpg | FRESHWATER_WETLAND | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 67      | 2003      | -71.5510136 | +41.9278508 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_067.jpg | FRESHWATER_WETLAND | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 68      | 2003      | -71.5478886 | +41.9228942 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_068.jpg | LAKE/POND          | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 69      | 2003      | -71.5479871 | +41.9208254 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_069.jpg | RIVER/STREAM       | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 70      | 2003      | -71.5493303 | +41.9259047 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_070.jpg | FRESHWATER_WETLAND | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 71      | 2003      | -71.5681668 | +41.9003010 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_071.jpg | LAKE/POND          | Sprague Upper Reservoir   | PVC  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 72      | 2003      | -71.5302898 | +41.9098205 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_072.jpg | RIVER/STREAM       | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 73      | 2003      | -71.5304883 | +41.9096844 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_073.jpg | RIVER/STREAM       | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 74      | 2003      | -71.5295051 | +41.9088597 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_074.jpg | RIVER/STREAM       | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 75      | 2003      | -71.5279937 | +41.9108404 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_075.jpg | RIVER/STREAM       | Stillwater Pond           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 76      | 4/29/2015 | -71.5051288 | +41.9206441 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_076.jpg | RIVER/STREAM       | Harris Brook              | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 77      | 2003      | -71.5228048 | +41.9074920 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_077.jpg | FRESHWATER_WETLAND | Capron Pond               | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 78      | 2003      | -71.5215061 | +41.9058699 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_078.jpg | LAKE/POND          | Capron Pond               | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | Private | 1/8/2015  | -71.5655689 | +41.8628188 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_079.jpg | LAKE/POND          | Slack Reservoir           | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | Private | 1/8/2015  | -71.5656862 | +41.8628945 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_080.jpg | LAKE/POND          | Slack Reservoir           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 81      | 2011      | -71.5289114 | +41.9115269 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_081.jpg | FRESHWATER_WETLAND | Stillwater Pond           | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 82      | 2011      | -71.5421256 | +41.8645530 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_082.jpg | LAKE/POND          | Factory Pond              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 83      | 2003      | -71.5493870 | +41.9133460 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_083.jpg | LAKE/POND          | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 84      | 2003      | -71.5508147 | +41.9155729 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_084.jpg | LAKE/POND          | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 85      | 2003      | -71.5529377 | +41.9199506 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_085.jpg | RIVER/STREAM       | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 86      | 2003      | -71.5589402 | +41.9246598 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_086.jpg | RIVER/STREAM       | Latham Brook              | CMP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 87      | 2003      | -71.5605957 | +41.9332003 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_087.jpg | FRESHWATER_WETLAND | Latham Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 88      | 2003      | -71.5606260 | +41.9334814 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_088.jpg | FRESHWATER_WETLAND | Latham Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 89      | 2003      | -71.5577690 | +41.9323784 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_089.jpg | FRESHWATER_WETLAND | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 90      | 10/5/2015 | -71.5116469 | +41.8719570 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_090.jpg | RIVER/STREAM       | Hawkins Brook             | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 91      | 2003      | -71.5535528 | +41.9293172 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_091.jpg | FRESHWATER_WETLAND | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 92      | 2003      | -71.5825724 | +41.9321125 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_092.jpg | FRESHWATER_WETLAND | Nine Foot Brook           | PVC  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 93      | 2003      | -71.5593635 | +41.9201136 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_093.jpg | RIVER/STREAM       | Latham Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 94      | 2003      | -71.5351880 | +41.8683360 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_094.jpg | FRESHWATER_WETLAND | Reaper Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 95      | 2003      | -71.5357883 | +41.8678386 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_095.jpg | FRESHWATER_WETLAND | Reaper Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |

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|            |         |           |             |             |                      |      |       |                 |                    |                           |      |  |          |  |         |  |        |
|------------|---------|-----------|-------------|-------------|----------------------|------|-------|-----------------|--------------------|---------------------------|------|--|----------|--|---------|--|--------|
| JJ, GL, EF | 96      | 2003      | -71.5364888 | +41.8674489 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_096.jpg | FRESHWATER_WETLAND | Reaper Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 97      | 2003      | -71.5506795 | +41.8763430 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_097.jpg | RIVER/STREAM       | Stillwater River          | CMP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 98      | 2003      | -71.5545055 | +41.8744584 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_098.jpg | RIVER/STREAM       | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 99      | 2003      | -71.5547205 | +41.8744104 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_099.jpg | RIVER/STREAM       | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 100     | 2003      | -71.5537441 | +41.8746336 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_100.jpg | RIVER/STREAM       | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 101     | 2003      | -71.5505063 | +41.8758017 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_101.jpg | RIVER/STREAM       | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 102     | 2003      | -71.5496847 | +41.8742811 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_102.jpg | RIVER/STREAM       | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 103     | 3/17/2016 | -71.5565300 | +41.9283046 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_103.jpg | RIVER/STREAM       | Latham Brook              | PVC  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 104     | 2003      | -71.5490340 | +41.8790526 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_104.jpg | RIVER/STREAM       | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 105     | 2003      | -71.5549456 | +41.8796661 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_105.jpg | LAKE/POND          | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 106     | 2003      | -71.5589741 | +41.8764986 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_106.jpg | RIVER/STREAM       | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 107     | 2003      | -71.5568035 | +41.8828093 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_107.jpg | FRESHWATER_WETLAND | Sprague Lower Reservoir   | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 108     | 2003      | -71.5550347 | +41.8851859 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_108.jpg | FRESHWATER_WETLAND | Sprague Lower Reservoir   | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 109     | 2003      | -71.5578237 | +41.8892947 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_109.jpg | FRESHWATER_WETLAND | Sprague Brook             | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 110     | 2003      | -71.5759421 | +41.9069228 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_110.jpg | FRESHWATER_WETLAND | Nine Foot Brook           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 111     | 2003      | -71.5500520 | +41.8874248 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_111.jpg | LAKE/POND          | Sprague Lower Reservoir   | PVC  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 112     | 2003      | -71.5511628 | +41.8875157 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_112.jpg | LAKE/POND          | Sprague Lower Reservoir   | PVC  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 113     | 2003      | -71.5448527 | +41.8941006 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_113.jpg | FRESHWATER_WETLAND | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
|            | Vacant  |           |             |             |                      |      |       |                 |                    |                           |      |  |          |  |         |  |        |
| JJ, GL, EF | 115     | 6/23/2014 | -71.5416037 | +41.9000092 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_115.jpg | LAKE/POND          | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 116     | 2003      | -71.5628973 | +41.9047701 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_116.jpg | FRESHWATER_WETLAND | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 117     | 2003      | -71.5607842 | +41.9065262 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_117.jpg | FRESHWATER_WETLAND | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 118     | 2003      | -71.5552060 | +41.9073185 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_118.jpg | RIVER/STREAM       | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 119     | 2003      | -71.5432501 | +41.8645044 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_119.jpg | LAKE/POND          | Factory Pond              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 120     | 2003      | -71.5664615 | +41.8612294 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_120.jpg | RIVER/STREAM       | Slack Reservoir           | CMP  |  | CIRCULAR |  | 36"-59" |  | SINGLE |
| JJ, GL, EF | 121     | 2003      | -71.5722767 | +41.8746149 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_121.jpg | FRESHWATER_WETLAND | Stillwater River          | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 122     | 2010      | -71.4985128 | +41.8682643 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_122.jpg | RIVER/STREAM       | Woonasquatucket River     | CMP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 123     | 2010      | -71.4991998 | +41.8708094 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_123.jpg | RIVER/STREAM       | Woonasquatucket River     | PVC  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 124     | 2010      | -71.5688096 | +41.8634849 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_124.jpg | RIVER/STREAM       | Slack Reservoir           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 125     | 2010      | -71.5664749 | +41.8612298 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_125.jpg | RIVER/STREAM       | Slack Reservoir           | CMP  |  | CIRCULAR |  | 36"-59" |  | SINGLE |
| JJ, GL, EF | 126     | 2010      | -71.5664465 | +41.8612290 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_126.jpg | RIVER/STREAM       | Slack Reservoir           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 127     | 2010      | -71.5677988 | +41.8628593 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_127.jpg | RIVER/STREAM       | Slack Reservoir           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 128     | 2010      | -71.5659443 | +41.8608639 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_128.jpg | RIVER/STREAM       | Slack Reservoir           | PVC  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 129     | 2010      | -71.4947132 | +41.8691694 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_129.jpg | RIVER/STREAM       | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 130     | 2010      | -71.5059836 | +41.8931438 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_130.jpg | RIVER/STREAM       | Woonasquatucket River     | PVC  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 131     | 2010      | -71.5583824 | +41.9209992 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_131.jpg | RIVER/STREAM       | Latham Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 132     | 2010      | -71.5510808 | +41.8828924 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_132.jpg | FRESHWATER_WETLAND | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 133     | 2010      | -71.5519018 | +41.8693684 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_133.jpg | LAKE/POND          | Hopkins Pond              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
|            | Vacant  |           |             |             |                      |      |       |                 |                    |                           |      |  |          |  |         |  |        |
|            | Vacant  |           |             |             |                      |      |       |                 |                    |                           |      |  |          |  |         |  |        |
|            | Vacant  |           |             |             |                      |      |       |                 |                    |                           |      |  |          |  |         |  |        |
| JJ, GL, EF | 137     | 2010      | -71.5680755 | +41.8957807 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_137.jpg | FRESHWATER_WETLAND | Sprague Upper Reservoir   | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 138     | 2010      | -71.5410494 | +41.8700775 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_138.jpg | FRESHWATER_WETLAND | Reaper Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | Private | 2011      | -71.5614228 | +41.8894404 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_139.jpg | FRESHWATER_WETLAND | Sprague Brook             | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 140     | 2011      | -71.5599026 | +41.8858897 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_140.jpg | FRESHWATER_WETLAND | Sprague Lower Reservoir   | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 141     | 2011      | -71.5614476 | +41.8864473 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_141.jpg | FRESHWATER_WETLAND | Sprague Lower Reservoir   | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 142     | 2010      | -71.5049062 | +41.8877823 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_142.jpg | RIVER/STREAM       | Woonasquatucket River     | DI   |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 143     | 2010      | -71.5049558 | +41.8879196 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_143.jpg | RIVER/STREAM       | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 144     | 2010      | -71.5050309 | +41.8881317 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_144.jpg | RIVER/STREAM       | Woonasquatucket River     | PVC  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |

**Town of Smithfield**  
**2024 Outfall Inventory**

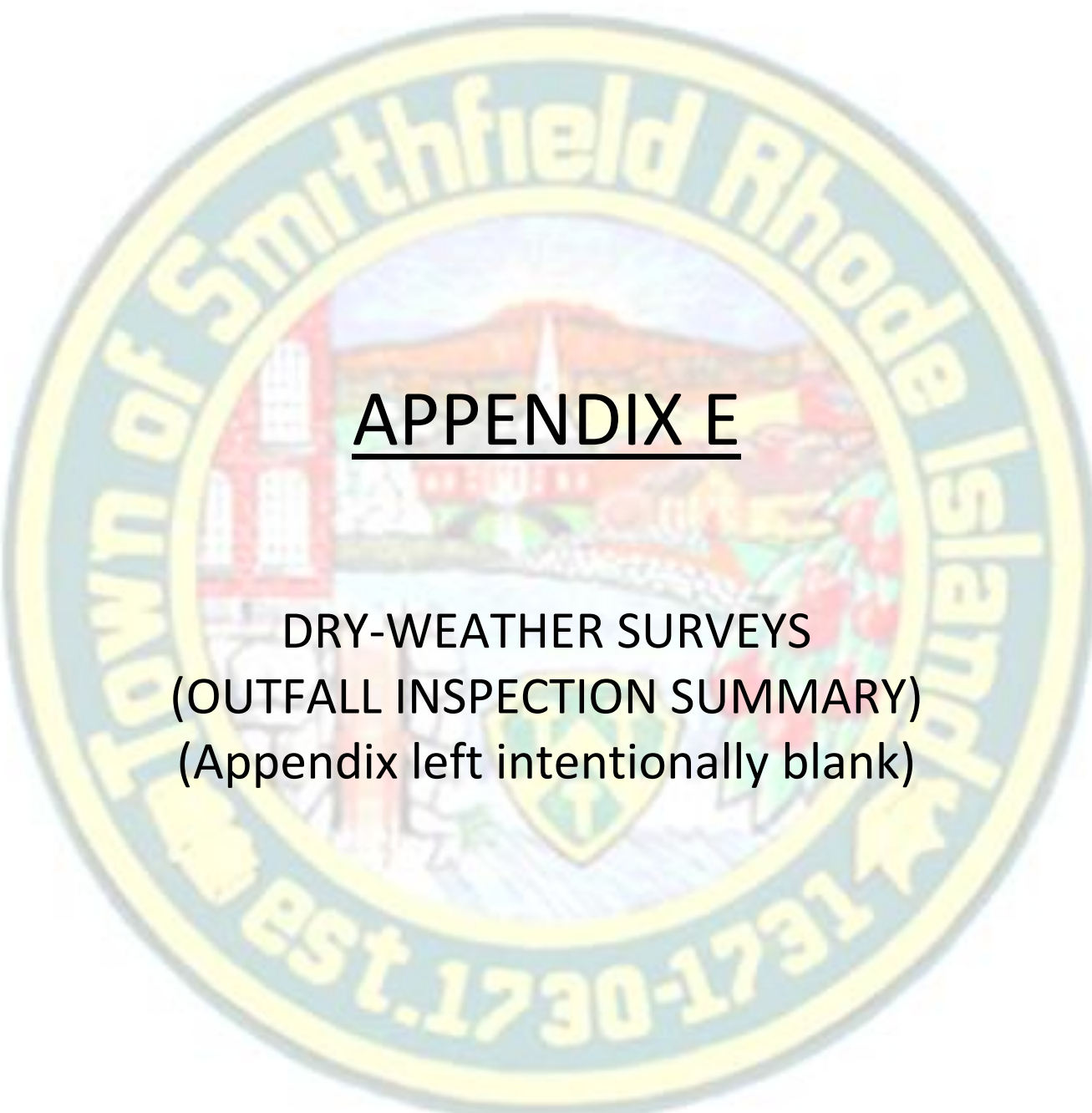
|            |         |      |             |             |                      |      |       |                 |                    |                           |      |  |          |  |         |  |        |
|------------|---------|------|-------------|-------------|----------------------|------|-------|-----------------|--------------------|---------------------------|------|--|----------|--|---------|--|--------|
| JJ, GL, EF | 145     | 2010 | -71.5053770 | +41.8866959 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_145.jpg | RIVER/STREAM       | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 36"-59" |  | SINGLE |
| JJ, GL, EF | 146     | 2010 | -71.5051297 | +41.8867965 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_146.jpg | RIVER/STREAM       | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 147     | 2010 | -71.5128940 | +41.8907842 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_147.jpg | LAKE/POND          | Georgiaville Pond         | PVC  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 148     | 2010 | -71.5167694 | +41.8977480 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_148.jpg | LAKE/POND          | Georgiaville Pond         | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 149     | 2010 | -71.5208996 | +41.8999674 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_149.jpg | RIVER/STREAM       | Georgiaville Pond         | PVC  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
|            | Vacant  |      |             |             |                      |      |       |                 |                    |                           |      |  |          |  |         |  |        |
| JJ, GL, EF | 151     | 2011 | -71.5582588 | +41.9080740 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_151.jpg | FRESHWATER_WETLAND | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 152     | 2010 | -71.5100074 | +41.8990637 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_152.jpg | RIVER/STREAM       | Harris Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 153     | 2010 | -71.5107645 | +41.8968114 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_153.jpg | RIVER/STREAM       | Harris Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 154     | 2010 | -71.5100456 | +41.8957255 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_154.jpg | LAKE/POND          | Georgiaville Pond         | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 155     | 2010 | -71.5479667 | +41.9231046 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_155.jpg | LAKE/POND          | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 156     | 2011 | -71.5750817 | +41.8938133 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_156.jpg | FRESHWATER_WETLAND | Sprague Upper Reservoir   | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 157     | 2011 | -71.5700387 | +41.8962141 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_157.jpg | FRESHWATER_WETLAND | Sprague Upper Reservoir   | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 158     | 2010 | -71.5017240 | +41.9206187 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_158.jpg | FRESHWATER_WETLAND | Harris Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 159     | 2010 | -71.5585771 | +41.9047850 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_159.jpg | FRESHWATER_WETLAND | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | Private | 2011 | -71.5116590 | +41.9002981 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_160.jpg | RIVER/STREAM       | Harris Brook              | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | Private | 2011 | -71.5103924 | +41.9041007 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_161.jpg | FRESHWATER_WETLAND | Harris Brook              | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 162     | 2010 | -71.5018051 | +41.8789747 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_162.jpg | RIVER/STREAM       | Woonasquatucket River     | PVC  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 163     | 2011 | -71.5098702 | +41.8988505 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_163.jpg | RIVER/STREAM       | Harris Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 164     | 2011 | -71.4810648 | +41.8809892 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_164.jpg | FRESHWATER_WETLAND | West River                | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 165     | 2010 | -71.5712400 | +41.8704930 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_165.jpg | FRESHWATER_WETLAND | Waterman Reservoir        | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 166     | 2010 | -71.5015209 | +41.8782825 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_166.jpg | RIVER/STREAM       | Woonasquatucket River     | DI   |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 167     | 2010 | -71.5035865 | +41.8730975 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_167.jpg | RIVER/STREAM       | Hawkins Brook             | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 168     | 2010 | -71.5270268 | +41.9109046 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_168.jpg | RIVER/STREAM       | Stillwater Pond           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 169     | 2010 | -71.5286258 | +41.9099839 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_169.jpg | LAKE/POND          | Stillwater Pond           | CMP  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 170     | 2010 | -71.5244467 | +41.9100831 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_170.jpg | RIVER/STREAM       | Stillwater Pond           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 171     | 2010 | -71.5241507 | +41.9106152 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_171.jpg | RIVER/STREAM       | Stillwater Pond           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 172     | 2010 | -71.5230935 | +41.9111541 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_172.jpg | RIVER/STREAM       | Stillwater Pond           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 173     | 2010 | -71.5203933 | +41.9114913 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_173.jpg | RIVER/STREAM       | Stillwater Pond           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 174     | 2010 | -71.5193037 | +41.9116254 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_174.jpg | RIVER/STREAM       | Stillwater Pond           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 175     | 2010 | -71.5182578 | +41.9117918 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_175.jpg | RIVER/STREAM       | Stillwater Pond           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 176     | 2010 | -71.5248078 | +41.9095013 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_176.jpg | RIVER/STREAM       | Stillwater Pond           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 177     | 2010 | -71.5214436 | +41.9113650 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_177.jpg | RIVER/STREAM       | Stillwater Pond           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 178     | 2010 | -71.5171648 | +41.9027671 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_178.jpg | RIVER/STREAM       | Georgiaville Pond         | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 179     | 2010 | -71.5487693 | +41.8913474 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_179.jpg | RIVER/STREAM       | Woonasquatucket Reservoir | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 180     | 2010 | -71.5472725 | +41.9039166 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_180.jpg | LAKE/POND          | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 181     | 2010 | -71.5396414 | +41.8902540 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_181.jpg | LAKE/POND          | Woonasquatucket Reservoir | PVC  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 182     | 2010 | -71.5410780 | +41.8969184 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_182.jpg | LAKE/POND          | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 183     | 2010 | -71.5451225 | +41.8939736 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_183.jpg | FRESHWATER_WETLAND | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 184     | 2010 | -71.5451946 | +41.8877135 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_184.jpg | LAKE/POND          | Sprague Lower Reservoir   | PVC  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 185     | 2010 | -71.5481994 | +41.8845912 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_185.jpg | LAKE/POND          | Sprague Lower Reservoir   | HDPE |  | CIRCULAR |  | 12"-35" |  | DOUBLE |
| JJ, GL, EF | 186     | 2011 | -71.5547227 | +41.8747940 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_186.jpg | RIVER/STREAM       | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 187     | 2010 | -71.5368199 | +41.8760414 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_187.jpg | FRESHWATER_WETLAND | Reaper Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 188     | 2010 | -71.5352593 | +41.8741745 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_188.jpg | FRESHWATER_WETLAND | Reaper Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 189     | 2010 | -71.5385102 | +41.8716602 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_189.jpg | FRESHWATER_WETLAND | Reaper Brook              | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 190     | 2010 | -71.5440263 | +41.8816221 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_190.jpg | RIVER/STREAM       | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 191     | 2010 | -71.5491263 | +41.8859042 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_191.jpg | LAKE/POND          | Sprague Lower Reservoir   | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 192     | 2010 | -71.5539713 | +41.8883905 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_192.jpg | LAKE/POND          | Sprague Lower Reservoir   | PVC  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
|            | Vacant  |      |             |             |                      |      |       |                 |                    |                           |      |  |          |  |         |  |        |

**Town of Smithfield  
2024 Outfall Inventory**

|            |         |            |             |             |                      |      |       |                 |                    |                           |      |  |          |  |         |  |        |
|------------|---------|------------|-------------|-------------|----------------------|------|-------|-----------------|--------------------|---------------------------|------|--|----------|--|---------|--|--------|
| JJ, GL, EF | 194     | 10/15/2014 | -71.5020669 | +41.8730972 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_194.jpg | RIVER/STREAM       | Hawkins Brook             | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 195     | 2010       | -71.5517288 | +41.8876366 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_195.jpg | LAKE/POND          | Sprague Lower Reservoir   | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 196     | 2010       | -71.5509697 | +41.8815884 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_196.jpg | FRESHWATER_WETLAND | Stillwater River          | PVC  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 197     | 2010       | -71.5520588 | +41.8794457 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_197.jpg | FRESHWATER_WETLAND | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 198     | 2010       | -71.5523099 | +41.8755791 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_198.jpg | RIVER/STREAM       | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 199     | 2010       | -71.5415027 | +41.8976362 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_199.jpg | LAKE/POND          | Woonasquatucket Reservoir | DI   |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 200     | 2010       | -71.5518370 | +41.8758215 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_200.jpg | RIVER/STREAM       | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 201     | 2010       | -71.5533430 | +41.8750953 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_201.jpg | RIVER/STREAM       | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 202     | 2010       | -71.5554445 | +41.8814290 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_202.jpg | FRESHWATER_WETLAND | Sprague Lower Reservoir   | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 203     | 2010       | -71.5552448 | +41.8848039 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_203.jpg | FRESHWATER_WETLAND | Sprague Lower Reservoir   | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 204     | 2010       | -71.5566863 | +41.8858891 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_204.jpg | RIVER/STREAM       | Sprague Lower Reservoir   | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 205     | 2010       | -71.5035271 | +41.9162065 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_205.jpg | RIVER/STREAM       | Harris Brook              | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 206     | 2010       | -71.4785220 | +41.8973976 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_206.jpg | FRESHWATER_WETLAND | West River                | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 207     | 2010       | -71.5051382 | +41.9174964 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_207.jpg | RIVER/STREAM       | Harris Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 208     | 2010       | -71.5466039 | +41.9233731 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_208.jpg | LAKE/POND          | Woonasquatucket Reservoir | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 209     | 2010       | -71.5221244 | +41.9194456 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_209.jpg | FRESHWATER_WETLAND | Stillwater Pond           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 210     | 2011       | -71.5423590 | +41.9209631 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_210.jpg | FRESHWATER_WETLAND | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 211     | 2010       | -71.5449769 | +41.9274795 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_211.jpg | FRESHWATER_WETLAND | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 212     | 2010       | -71.5395679 | +41.8663298 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_212.jpg | FRESHWATER_WETLAND | Reaper Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 213     | 2010       | -71.5408074 | +41.8646292 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_213.jpg | RIVER/STREAM       | Reaper Brook              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 214     | 2010       | -71.5422253 | +41.8653200 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_214.jpg | LAKE/POND          | Factory Pond              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 215     | 2010       | -71.5429034 | +41.8658554 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_215.jpg | LAKE/POND          | Factory Pond              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 216     | 2010       | -71.5432520 | +41.8662245 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_216.jpg | LAKE/POND          | Factory Pond              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 217     | 2010       | -71.5430405 | +41.8655951 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_217.jpg | LAKE/POND          | Factory Pond              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 218     | 2010       | -71.5494839 | +41.8662440 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_218.jpg | FRESHWATER_WETLAND | Hawkins Pond              | PVC  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 219     | 2010       | -71.5532655 | +41.8680255 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_219.jpg | LAKE/POND          | Slack Reservoir           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 220     | 2010       | -71.5091382 | +41.8747831 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_220.jpg | FRESHWATER_WETLAND | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 221     | 2010       | -71.5518981 | +41.8672932 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_221.jpg | LAKE/POND          | Slack Reservoir           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 222     | 2010       | -71.5696398 | +41.8656435 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_222.jpg | FRESHWATER_WETLAND | Slack Reservoir           | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 223     | 2010       | -71.5704124 | +41.8674349 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_223.jpg | FRESHWATER_WETLAND | Slack Reservoir           | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 224     | 2010       | -71.5724322 | +41.8726282 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_224.jpg | FRESHWATER_WETLAND | Waterman Reservoir        | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 225     | 2010       | -71.5722757 | +41.8755447 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_225.jpg | FRESHWATER_WETLAND | Stillwater River          | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 226     | 2010       | -71.4950383 | +41.9024579 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_226.jpg | RIVER/STREAM       | Gould's Pond              | CMP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 227     | 2010       | -71.4920554 | +41.9015165 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_227.jpg | FRESHWATER_WETLAND | Gould's Pond              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 228     | 2010       | -71.4920699 | +41.9055214 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_228.jpg | RIVER/STREAM       | Gould's Pond              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 229     | 2010       | -71.4793894 | +41.9010847 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_229.jpg | FRESHWATER_WETLAND | West River                | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 230     | 2010       | -71.5418168 | +41.8638321 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_230.jpg | LAKE/POND          | Factory Pond              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 231     | 2010       | -71.5436304 | +41.8647667 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_231.jpg | LAKE/POND          | Factory Pond              | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 232     | 2010       | -71.4845718 | +41.8753698 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_232.jpg | FRESHWATER_WETLAND | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 233     | 2010       | -71.4908272 | +41.8807709 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_233.jpg | FRESHWATER_WETLAND | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 234     | 2010       | -71.4877730 | +41.8774582 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_234.jpg | FRESHWATER_WETLAND | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 235     | 2010       | -71.5379337 | +41.8646020 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_235.jpg | FRESHWATER_WETLAND | Reaper Brook              | RCP  |  | CIRCULAR |  | 36"-59" |  | SINGLE |
| JJ, GL, EF | Private | 2011       | -71.5767378 | +41.9336882 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_236.jpg | FRESHWATER_WETLAND | Woonasquatucket Reservoir | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 237     | 2011       | -71.5421719 | +41.9207929 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_237.jpg | FRESHWATER_WETLAND | Woonasquatucket River     | RCP  |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 238     | 4/1/2014   | -71.4898463 | +41.8829071 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_238.jpg | FRESHWATER_WETLAND | Woonasquatucket River     | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 239     | 2012       | -71.5522746 | +41.8999121 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_239.jpg | LAKE/POND          | Woonasquatucket Reservoir | PVC  |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 240     | 2012       | -71.5712510 | +41.9282366 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_240.jpg | LAKE/POND          | Latham Brook              | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 241     | 2012       | -71.5779560 | +41.9110775 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_241.jpg | RIVER/STREAM       | Nine Foot Brook           | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 242     | 2012       | -71.5409577 | +41.8849980 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_242.jpg | RIVER/STREAM       | Stillwater River          | HDPE |  | CIRCULAR |  | 12"-35" |  | SINGLE |

Town of Smithfield  
2024 Outfall Inventory

|            |     |            |             |             |                      |      |       |                 |                    |                         |          |  |          |  |         |  |        |
|------------|-----|------------|-------------|-------------|----------------------|------|-------|-----------------|--------------------|-------------------------|----------|--|----------|--|---------|--|--------|
| JJ, GL, EF | 243 | 2012       | -71.5398021 | +41.8871796 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_243.jpg | RIVER/STREAM       | Stillwater River        | RCP      |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 244 | 2012       | -71.5267457 | +41.8747845 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_244.jpg | FRESHWATER_WETLAND | Hawkins Brook           | RCP      |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 245 | 2012       | -71.5227339 | +41.8785432 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_245.jpg | FRESHWATER_WETLAND | Hawkins Brook           | RCP      |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 246 | 2012       | -71.5701640 | +41.8894893 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_246.jpg | FRESHWATER_WETLAND | Sprague Lower Reservoir | HDPE     |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 247 | 2012       | -71.5731942 | +41.8920098 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_247.jpg | FRESHWATER_WETLAND | Sprague Upper Reservoir | HDPE     |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 248 | 2012       | -71.5729750 | +41.9044491 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_248.jpg | FRESHWATER_WETLAND | Nine Foot Brook         | HDPE     |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 249 | 2012       | -71.5732159 | +41.9051124 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_249.jpg | FRESHWATER_WETLAND | Nine Foot Brook         | RCP      |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 250 | 4/28/2016  | -71.5441515 | +41.8815998 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_250.jpg | FRESHWATER_WETLAND | Stillwater River        | Clay     |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 251 | 2012       | -71.5686051 | +41.8935053 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_251.jpg | FRESHWATER_WETLAND | Sprague Upper Reservoir | HDPE     |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 252 | 4/17/2013  | -71.5460628 | +41.8804705 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_252.jpg | RIVER/STREAM       | Stillwater River        | RCP      |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 253 | 2012       | -71.5100829 | +41.8739180 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_253.jpg | FRESHWATER_WETLAND | Hawkins Brook           | RCP      |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 254 | 7/30/2013  | -71.4933516 | +41.9290119 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_254.jpg | FRESHWATER_WETLAND | Crookfall Brook         | HDPE     |  | CIRCULAR |  | 36"-59" |  | SINGLE |
| JJ, GL, EF | 255 | 7/30/2013  | -71.5703405 | +41.8791296 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_255.jpg | FRESHWATER_WETLAND | Stillwater River        | RCP      |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 256 | 10/4/2013  | -71.4716681 | +41.8831210 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_256.jpg | RIVER/STREAM       | West River              | RCP      |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 257 | 10/4/2013  | -71.4719102 | +41.8845951 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_257.jpg | RIVER/STREAM       | West River              | RCP      |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 258 | 10/4/2013  | -71.4777494 | +41.9040962 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_258.jpg | FRESHWATER_WETLAND | West River              | RCP      |  | CIRCULAR |  | 12"-35" |  | SINGLE |
| JJ, GL, EF | 259 | 11/13/2013 | -71.5541514 | +41.8676519 | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_259.jpg | LAKE/POND          | Slack Reservoir         | CONCRETE |  | CIRCULAR |  | 6"-11"  |  | SINGLE |
| JJ, GL, EF | 260 | 8/11/2017  | -71.540006  | 41.8920080  | NGE)_STANDARD_POSITI | <15m | NAD83 | OUTFALL_260.jpg | LAKE/POND          | Woonasquatucket River   |          |  |          |  |         |  |        |

The seal of the Town of Smithfield, Rhode Island, is a circular emblem. It features a central shield with a landscape scene including a red building, a white sailboat, and a green hill. The shield is surrounded by a blue ring with the text "Town of Smithfield Rhode Island" in yellow. Below the ring, the text "est. 1730-1731" is written in yellow. The seal is faded and serves as a background for the text.

## APPENDIX E

DRY-WEATHER SURVEYS  
(OUTFALL INSPECTION SUMMARY)  
(Appendix left intentionally blank)

The seal of the Town of Smithfield, Rhode Island, is a circular emblem. It features a central shield with a landscape scene including a red building, a white steeple, and a body of water. The shield is surrounded by a blue ring with the text "Town of Smithfield Rhode Island" in yellow. Below the shield is a green banner with the text "EST. 1730-1731".

## APPENDIX F

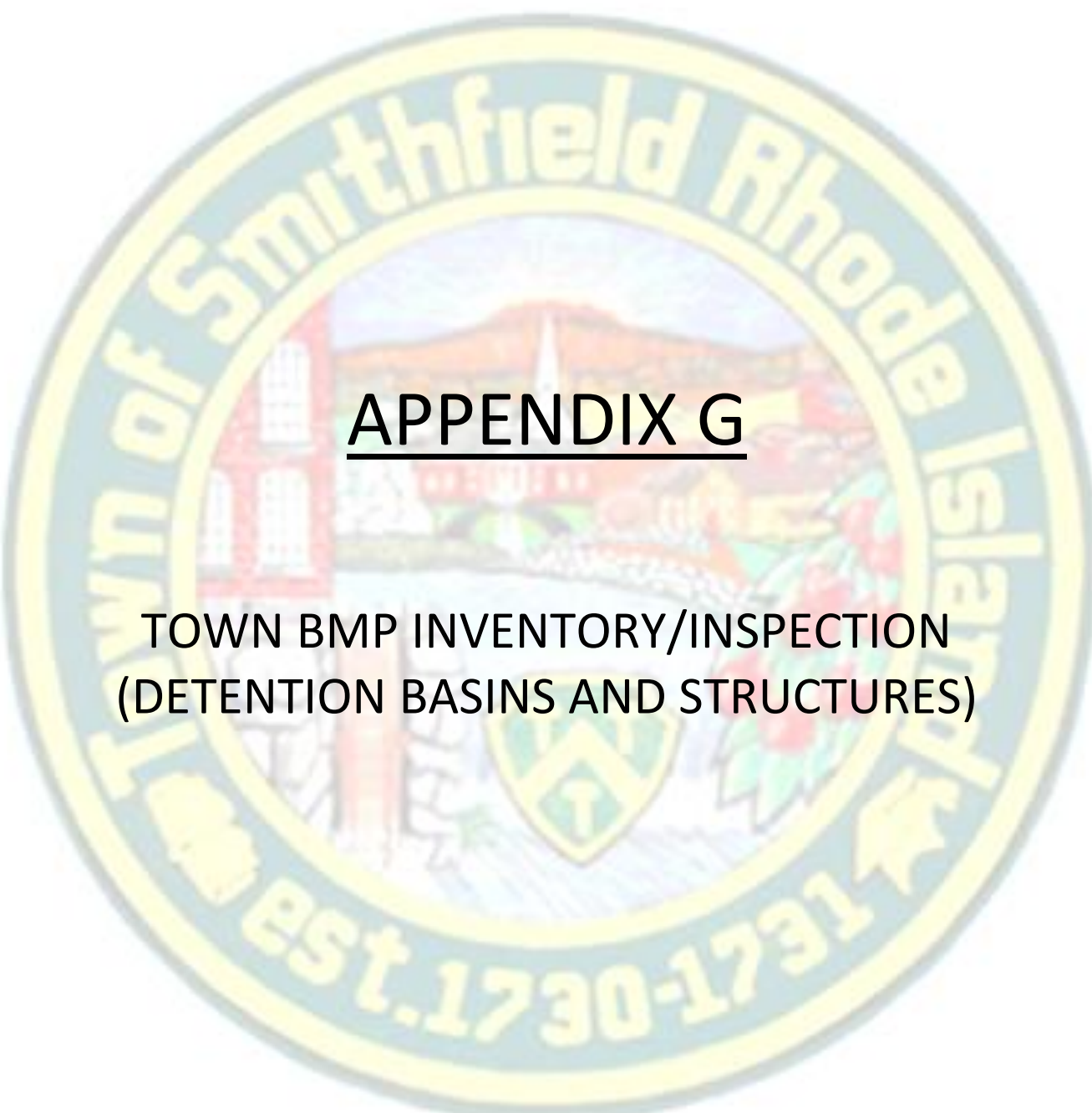
### INTERCONNECTION INVENTORY (UPDATED)

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

| Interconnection:<br>(Smithfield ID number)    | Date<br>Found: | Location:<br>(Nearest address) | Name of Connectee:                  | Originating Source:                  | Planned and Coordinated Efforts and<br>Activities with Connectee: |
|-----------------------------------------------|----------------|--------------------------------|-------------------------------------|--------------------------------------|-------------------------------------------------------------------|
| <b>SMITHFIELD TO RIDOT</b>                    |                |                                |                                     |                                      |                                                                   |
| X01                                           | 2010           | 1 KAREN ANN DR                 | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X02                                           | 2010           | 381 FARNUM PIKE                | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X03                                           | 2010           | 74 BRAYTON RD                  | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X05                                           | 2010           | 26 ORCHARD AVE                 | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X07                                           | 2010           | 2 APPLE VALLEY PKWY            | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X08                                           | 2010           | 64 SMITH AVE                   | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X09                                           | 2010           | 66 DEAN AVE                    | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X10                                           | 2010           | 50 ESMOND ST                   | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X11                                           | 2010           | 264 PUTNAM PIKE                | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X13                                           | 2010           | 2 ROGGER FARM RD               | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X14                                           | 2013           | 22 ROSEMARY LN                 | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X15                                           | 2014           | 48 MAC ARTHUR DR               | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X16                                           | 2014           | 22 PLEASANT VIEW AVE           | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X17                                           | 2014           | 44 PLEASANT VIEW AVE           | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X18                                           | 2014           | 79 SMITH AVE                   | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X21                                           | 2015           | 514 PUTNAM PIKE                | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| X22                                           | 2015           | 562 PUTNAM PIKE                | Smithfield --> RIDOT                | Town Street Drainage                 | Inform RIDOT of interconnection                                   |
| <b>SMITHFIELD TO TOWN OF JOHNSTON</b>         |                |                                |                                     |                                      |                                                                   |
| X04                                           | 2010           | 23 WADE DR                     | Smithfield --> Johnston             | Town Street Drainage                 | Inform Johnston of interconnection                                |
| X06                                           | 2010           | 41 ROGER WILLIAMS DR           | Smithfield --> Johnston             | Town Street Drainage                 | Inform Johnston of interconnection                                |
| <b>SMITHFIELD TO TOWN OF NORTH PROVIDENCE</b> |                |                                |                                     |                                      |                                                                   |
| X12                                           | 2010           | 89 WOODHAVEN BLVD              | Smithfield --> North Providence     | Town Street Drainage                 | Inform North Providence of interconnection                        |
| <b>SMITHFIELD TO PRIVATE OWNER</b>            |                |                                |                                     |                                      |                                                                   |
| X19                                           | 2015           | 41 COLWELL RD                  | Smithfield --> Private Owner        | Town Street Drainage                 |                                                                   |
| X20                                           | 2015           | 125 INDIAN RUN TRAIL           | Smithfield --> Private Owner        | Town Street Drainage                 |                                                                   |
| <b>RIDOT TO SMITHFIELD</b>                    |                |                                |                                     |                                      |                                                                   |
| I-002 / 002 CB-07A                            | 2010           | 18 PEBRYN AVE                  | RIDOT --> Smithfield                | State Drainage                       | Inform RIDOT of interconnection                                   |
| I-024 / 024 CB-05                             | 2010           | 157 FARNUM PIKE                | RIDOT --> Smithfield                | State Drainage                       | Inform RIDOT of interconnection                                   |
| I-122A / 122 CB-03                            | 2010           | 61 DEAN ST                     | RIDOT --> Smithfield                | State Drainage                       | Inform RIDOT of interconnection                                   |
| I-122B / 122 CB-06                            | 2010           | 1 HOWARD ST                    | RIDOT --> Smithfield                | State Drainage                       | Inform RIDOT of interconnection                                   |
| I-124 / 124 DMH-01                            | 2010           | 1 FRIAR BROOK DR               | RIDOT --> Smithfield                | State Drainage                       | Inform RIDOT of interconnection                                   |
| I-129                                         | 2011           | 1 CHAMBERLAIN ST               | RIDOT --> Smithfield                | State Drainage                       | Inform RIDOT of interconnection                                   |
| I-X17 / X17 CB-02                             | 2014           | 39 PLEASANT VIEW AVE           | RIDOT --> Smithfield                | State Drainage                       | Inform RIDOT of interconnection                                   |
| <b>TOWN OF LINCOLN TO SMITHFIELD</b>          |                |                                |                                     |                                      |                                                                   |
| I-256 / 256 CB-02                             | 2014           | 25 LINFIELD DR                 | Lincoln --> Smithfield              | Town Street Drainage                 | Inform Lincoln of interconnection                                 |
| I-258 / 258 DMH-01                            | 2014           | 33 GREENWOOD LN                | Lincoln --> Smithfield              | Town Street Drainage                 | Inform Lincoln of interconnection                                 |
| <b>PRIVATE TO SMITHFIELD</b>                  |                |                                |                                     |                                      |                                                                   |
| I-001 / 001 CB-06                             | 2010           | 18 KENSINGTON ST               | MURPHY DENNIS J ET UX               | 6" PVC Unknown - foundation?         | Require Permitting or Plug                                        |
| I-002A / 002 CB-01C                           | 2010           | 22 FAIRMOUNT ST                | LABOSSIERE KYLE J ET AL             | Timberlane Condo Development         | None - Permitted Discharge                                        |
| I-002B / 002 CB-03B                           | 2014           | 6 HILLSIDE ST                  | HICKS DENNIS ET UX                  | 6" PVC - Unknown Source              | Require Permitting or Plug                                        |
| I-002C / 002 CB-05B                           | 2014           | 28 PENBRYN AVE                 | KHALEK KARIM ET AL                  | 8" PVC - Unknown Source              | Require Permitting or Plug                                        |
| I-002D / 002 CB-05C                           | 2010           | 157 OLD COUNTY RD              | GODIN SCOTT F ET UX                 | 12" RCP - Field & Wetland Drainage   | None - installed by RIDOT in 1930's                               |
| I-003A / 003 CB-03                            | 2010           | 3 FENWOOD AVE                  | UNKNOWN                             | 6" Clay from Private DMH             | None                                                              |
| I-003B / 003 CB-04                            | 2010           | 11 FENWOOD AVE                 | LATORRE ELAINE                      | 4" Clay from Private CB in rear yard | Require Permitting or Plug                                        |
| I-007 / 007 CB-08                             | 2010           | 77 STILLWATER RD               | DRUMMOND DANIEL L ET AL             | 12" PVC - Inlet for Stream           | None - Town installed in 1970's                                   |
| I-008 / 008 CB-02                             | 2010           | 105 MANN SCHOOL RD             | RAY SANDRA G LIVING TRUST           | 4" PVC - Unknown Source              | Require Permitting or Plug                                        |
| I-010 / 010 CB-05                             | 2010           | 62 CAPRON RD                   | MATTERO PATSY A                     | Wetland Inlet                        | None - Town installed                                             |
| I-016 / 016 CB-04                             | 2010           | 17 WELCOME RD                  | TOWN OF SMITHFIELD                  | 6" PVC - Unknown Source              | Camera could not fit in line                                      |
| I-024A / 024 DMH-06                           | 2010           | 298 OLD COUNTY RD              | STILES KEITH A                      | 4" Clay - Unknown Source             | Require Permitting or Plug                                        |
| I-024B / 024 DMH-07                           | 2010           | 298 OLD COUNTY RD              | STILES KEITH A                      | 4" PVC - Roof drains                 | Permitted 2006                                                    |
| I-039 / 039 CB-11                             | 2010           | 19 MAUREEN DRIVE               | PLUCHINO RITA C                     | 6" - Unknown Source                  | Require Permitting or Plug                                        |
| I-042A / 042 CB-01                            | 2014           | 11 REDFERN DR                  | UNKNOWN                             | (2) 4" PVC - Unknown Source          | Further investigate - Field Work                                  |
| I-042B / 042 DMH-01                           | 2014           | 11 REDFERN DR                  | ANNMARIE MISSAGHIAN TRUST AGREEMENT | 6" PVC - Unknown Source              | Further investigate - Field Work                                  |
| I-042C / 042 CB-04                            | 2014           | 32 FORESTWOOD DR               | RODRIGUES JACE M ET UX              | 6" PVC - Unknown Source              | Further investigate - Field Work                                  |
| I-047 / 047 CB-07                             | 2014           | 19 HIGHVIEW DR                 | AGWUNOBI FRANCESCA L                | (2) 4" PVC - Unknown Source          | Further investigate - Field Work                                  |
| I-048 / 048 CB-02                             | 2011           | 47 MAUREEN DRIVE               | BOUVIER RICHARD J ET UX             | 6" HDPE - Unknown Source             | Require Permitting or Plug                                        |
| I-049A / 049 CB-10A                           | 2010           | 3 LORI ELLEN DR                | SOLDA MAURIZIO ET UX                | 4" PVC - Unknown Source              | Require Permitting or Plug                                        |
| I-049B / 049 CB-11A                           | 2010           | 4 LORI ELLEN DR                | LANGTON CHRISTOPHER P ET UX         | 4" PVC - Unknown Source              | Require Permitting or Plug                                        |
| I-049B / 049 CB-11A                           | 2010           | 2 LORI-ELLEN DR                | PITRONE RICHARD A ET UX             | 6" PVC - Unknown Source              | Require Permitting or Plug                                        |
| I-049C / 049 CB-17A                           | 2010           | 1 LORI ELLEN DR                | CLARKE WILLIAM B ET UX              | 6" OB - Unknown Source               | Require Permitting or Plug                                        |
| I-049D / 049 CB-18A                           | 2010           | 4 CLARK RD                     | TESSIER RAYMOND                     | 6" PVC - Unknown Source              | Require Permitting or Plug                                        |
| I-049D / 049 CB-18A                           | 2010           | 2 CLARK ROAD                   | WYTRWAL PAUL C ET UX                | 6" PVC - Unknown Source              | Require Permitting or Plug                                        |
| I-049E / 049 DMH-01B                          | 2010           | 4 PRICE LN                     | RUTHVEN ALAN S ET UX                | 4"+ 6"+ 8" PVC                       | Further investigate - Camera                                      |
| I-049F / 049 CB-11B                           | 2010           | 5 + 7 PRICE LN                 | COCHRANE HENRY J JR                 | 4" PVC, 3x6" CMP + 8" PVC            | Further investigate - Camera                                      |
| I-068 / 068 CB-05                             | 2010           | 4 JAMBRAY DRIVE                | BESSETTE GREGORY J ET UX            | 2x6" PVC Flowing                     | Suspect groundwater - Investigate                                 |
| I-069 / 069 CB-04                             | 2010           | 4 LEVESQUE DR                  | WHATMOUGH MICHAEL J ET UX           | 8" PVC - Unknown Source              | Require Permitting or Plug                                        |
| I-073A / 073 CB-02                            | 2010           | 24 APPIAN WAY                  | EAST PENN MANUFACTURING COMPANY     | 12" RCP                              | Permitted                                                         |
| I-073B / 073 DMH-04                           | 2010           | 24 APPIAN WAY                  | EAST PENN MANUFACTURING COMPANY     | 12" RCP                              | Permitted                                                         |
| I-107A / 107 CB-05                            | 2010           | 17 CRABAPPLE LANE              | UNKNOWN                             | 4" OB                                | Further investigate - Field Work                                  |
| I-107B / 107 DMH-01B                          | 2010           | 2 VALLEY VIEW DR               | HANSEN ROBERT                       | 6" RCP - Unknown Source              | Require Permitting or Plug                                        |
| I-107B / 107 DMH-01B                          | 2010           | 3 VALLEY VIEW DR               | ZANNELLI MICHAEL L ET UX            | 6" RCP - Unknown Source              | Require Permitting or Plug                                        |
| I-107C / 107 CB-10                            | 2010           | 4 CRABAPPLE LANE               | UNKNOWN                             | 4" PVC - Unknown Source              | Further investigate - Field Work                                  |

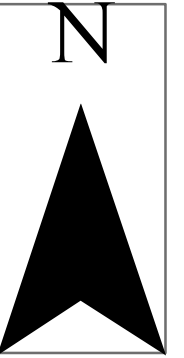
## SECTION II.B Interconnections (Part IV.G.2.k and IV.G.2.l)

| Interconnection:<br>(Smithfield ID number) | Date<br>Found: | Location:<br>(Nearest address) | Name of Connectee:                  | Originating Source:                 | Planned and Coordinated Efforts and<br>Activities with Connectee: |
|--------------------------------------------|----------------|--------------------------------|-------------------------------------|-------------------------------------|-------------------------------------------------------------------|
| I-107D / 107 CB-08A                        | 2010           | 2 CRABAPPLE LANE               | UNKNOWN                             | 8" ASB - Unknown Source             | Further investigate - Field Work                                  |
| I-107E / 107 CB-06A                        | 2010           | 8 KIMBERLY ANN DR              | UNKNOWN                             | (3) 4" PVC - Unknown Source         | Further investigate - Field Work                                  |
| I-107F / 107 CB-04A                        | 2010           | 14 KIMBERLY ANN DR             | WARD SMITH ANTHONY ET UX            | 4" PVC - Unknown Source             | Require Permitting or Plug                                        |
| I-116A / 116 CB-04                         | 2010           | 20 CONNORS FARM DR             | BURSIE FRANK R ET UX                | 6" PVC                              | Require Permitting or Plug                                        |
| I-116B / 116 CB-05                         | 2010           | 17 CONNORS FARM DR             | SIMONEAU LEO R ET UX                | 6" PVC - Flowing                    | Require Permitting or Plug                                        |
| I-117 / 117 CB-02                          | 2010           | 31 CONNORS FARM DR             | SWEENEY JOHN S ET UX                | 4" PVC - Unknown Source             | Require Permitting or Plug                                        |
| I-124A / 124 CB-07                         | 2010           | 5 GREENBRIER CT WEST           | DISANO KAREN L                      | 4" PVC - Unknown Source             | Require Permitting or Plug                                        |
| I-124A / 124 CB-07                         | 2010           | 3 GREENBRIER CT WEST           | HART JAMES A ET UX                  | 4" PVC - Unknown Source             | Require Permitting or Plug                                        |
| I-124A / 124 CB-07                         | 2010           | 6 GREENBRIER COURT WEST        | GARBECKI CHARLES S ET UX            | 2 X 4", 6", 8" PVC - Unknown Source | Require Permitting or Plug                                        |
| I-125A / 125 CB-11                         | 2010           | 20 GREENBRIER RD               | COLETTI PETER ET UX                 | 6" - Unknown Source                 | Require Permitting or Plug                                        |
| I-125B / 125 CB-28                         | 2010           | 2 FAIR OAKS CT N               | BARBATO FRANK P ET UX               | 4" Foundation Drain                 | Require Permitting or Plug                                        |
| I-125C / 125 CB-30                         | 2010           | 4 FAIR OAKS CT N               | UNKNOWN                             | 4" PCV                              | Require Permitting or Plug                                        |
| I-125D / 125 CB-32                         | 2010           | 4 FAIR OAKS LANE               | LOMBARDO EDWARD ET UX               | 2x4" Roof Leader Drains             | Require Permitting or Plug                                        |
| I-125E / 125 CB-34                         | 2010           | 4 FAIR OAKS COURT SOUTH        | PESATURO BENJAMIN ET UX             | 4" PVC - Unknown Source             | Require Permitting or Plug                                        |
| I-125E / 125 CB-34                         | 2010           | 6 FAIR OAKS CT SOUTH           | CESARONI DANIEL A ET UX             | 4" PVC - Unknown Source             | Require Permitting or Plug                                        |
| I-125B / 125 CB-35                         | 2010           | 8 FAIR OAKS COURT SOUTH        | DEFARNO MAUREEN L                   | 4" PVC - Unknown Source             | Require Permitting or Plug                                        |
| I-133 / 133 CB-05                          | 2010           | 9 LARK ROAD                    | CASWELL ERICA M                     | 4" Clay - Unknown Source            | Require Permitting or Plug                                        |
| I-145A / 145 CB-10A                        | 2010           | 20 HIGGINS ST                  | GEORGIAVILLE APARTMENTS LP          | 12" RCP Apartment Bldg Drainage     | Require Permitting or Plug                                        |
| I-145A / 145 CB-10A                        | 2010           | 20 HIGGINS ST                  | GEORGIAVILLE APARTMENTS LP          | 2 x 4" PVC Apartment Bldg Drainage  | Require Permitting or Plug                                        |
| I-145B / 145 DMH-05                        | 2010           | 20 HIGGINS ST                  | GEORGIAVILLE APARTMENTS LP          | 12" RCP Apartment Bldg Drainage     | Require Permitting or Plug                                        |
| I-145C / 145 CB-15                         | 2010           | 18 STILLWATER RD               | DOLPHIN DIANE M                     | 12" RCP - Unknown Source            | Further investigate - Camera                                      |
| I-148 / 148 CB-01                          | 2010           | 35 LAKESIDE DR                 | CATLOW GREGG L ET UX                | 6" CPP - Unknown Origin             | Require Permitting or Plug                                        |
| I-149 / 149 CB-03                          | 2010           | 63 LAKESIDE DRIVE              | MERLINO PETER A ET UX               | 4" DI - Unknown Origin              | Require Permitting or Plug                                        |
| I-151 / 151 CB-02                          | 2010           | 39 CONNORS FARM DR             | UPTON DANIEL E ET UX                | 6" PVC - Unknown Source             | Require Permitting or Plug                                        |
| I-159A / 159 CB-02                         | 2010           | 56 CONNORS FARM DR             | SANGIOVANNI PETER JR                | 4" PVC - Unknown Source             | Require Permitting or Plug                                        |
| I-159B / 159 DMH-01                        | 2010           | 56 CONNORS FARM DR             | SANGIOVANNI PETER JR                | 6" PVC - Unknown Source             | Require Permitting or Plug                                        |
| I-159B / 159 DMH-01                        | 2010           | 55 CONNORS FARM DR             | BOULANGER DAVID A ET UX             | 6" PVC - Unknown Source             | Require Permitting or Plug                                        |
| I-159C / 159 CB-04                         | 2010           | 57 CONNORS FARM DR             | EMERSON DONALD P ET UX              | 6" PVC - Unknown Source             | Require Permitting or Plug                                        |
| I-159D / 159 CB-06                         | 2010           | 87 MANN SCHOOL RD              | DISTEFANO CHERLY L ET VIR           | 3" PVC - Unknown Source             | Require Permitting or Plug                                        |
| I-162A / 162 CB-02                         | 2010           | 42 LINCOLN ST                  | AYRIAN VERONIKA                     | 12" RCP Inlet for Stream            | None - Inlet for stream                                           |
| I-162B / 162 CB-03                         | 2010           | 42 LINCOLN ST                  | AYRIAN VERONIKA                     | 8" Clay - From vacant land          | Further investigate - Field Work                                  |
| I-162C / 162 CB-04                         | 2010           | 42 LINCOLN ST                  | AYRIAN VERONIKA                     | 15" RCP - Unknown                   | Further investigate - no discharge                                |
| I-163A / 163 CB-03A                        | 2011           | 14 RIDGE RD                    | BAUER DEBRA A ET ALS CHRISTIANSEN   | 4" Clay - Unknown Source            | Further investigate - Field Work                                  |
| I-163B / 163 CB-14A                        | 2010           | LAPERCHE SCHOOL                | TOWN OF SMITHFIELD                  | 15" RCP + 4" PVC - Unknown Source   | Further investigate                                               |
| I-163C / 163 CB-16A                        | 2010           | LAPERCHE SCHOOL                | TOWN OF SMITHFIELD                  | 4" PVC - Unknown Source             | Further investigate                                               |
| I-163D / 163 CB-18A                        | 2010           | LAPERCHE SCHOOL                | TOWN OF SMITHFIELD                  | 4" PVC - Unknown Source             | Further investigate                                               |
| I-167 / 167 DMH-03                         | 2010           | 10 JULIEN ST                   | POORE BRENDEN S ET AL               | 4" OB - Foundation Drain            | Owner Plugged in Fall 2010                                        |
| I-187A / 187 CB-02                         | 2011           | 19 SUTTON ST                   | FALK STEVEN                         | 10" PVC - Clogged                   | Unknown & not operational                                         |
| I-187B / 187 CB-11                         | 2011           | 11 WILLOW                      | Unknown                             | 12" RCP                             | Further investigate - Field Work                                  |
| I-189A / 189 CB-11                         | 2010           | 8 CONCORD ST                   | Unknown                             | 3x4" Clay - Unknown Sources         | Further investigate - Field Work                                  |
| I-189B / 189 CB-12                         | 2010           | 12 CONCORD ST                  | TINSWORTH JEAN                      | 4" HDPE - Unknown Source            | Require Permitting or Plug                                        |
| I-208A / 208 CB-05                         | 2010           | 231 JOHN MOWRY RD              | Unknown                             | 10" PVC - Woods                     | Further investigate - Field Work                                  |
| I-208B / 208 CB-06                         | 2010           | 221 JOHN MOWRY RD              | HILLSTROM REVOCABLE AGRMNT OF TRUST | 4" Pipe - Suspicious                | Require Permitting or Plug                                        |
| I-215 / 215 CB-02                          | 2010           | 23 FACTORY POND CIR            | CURRAN DANIEL P ET UX               | 4" HDPE - Unknown Source            | Require Permitting or Plug                                        |
| I-226A / 226 CB-07A                        | 2010           | 51 MAUREEN DR                  | LEARY TERRENCE J ET UX              | 4" HDPE - Unknown Source            | Require Permitting or Plug                                        |
| I-226B / 226 CB-10A                        | 2010           | 9 CLARK ROAD                   | LANNI EDWARD J ET UX                | 4" PVC - Unknown Source             | Require Permitting or Plug                                        |
| I-226C                                     | 2013           | 22 KAREN ANN DR                | BROUSSEAU PAUL R ET UX              | 6" PVC Underdrain                   | Further investigate - Field Work                                  |
| I-227A / 227 CB-13                         | 2014           | 20 FORESTWOOD DR               | RICCI LISA M                        | 4" PVC - Unknown Source             | Further investigate - Field Work                                  |
| I-227B / 227 CB-09                         | 2014           | 30 FORESTWOOD DR               | DISANDRO RONALD M ET UX             | 6" PVC - Unknown Source             | Further investigate - Field Work                                  |
| I-227C / 227 CB-08                         | 2014           | 31 FORESTWOOD DR               | LECLERC STEVEN D ET UX              | 4" PVC - Unknown Source             | Further investigate - Field Work                                  |
| I-254A / 254 CB-09                         | 2013           | 10 BUSINESS PARK DR            | UNKNOWN                             | 24" RCP - Unknown Source            | Further investigate - Field Work                                  |
| I-254B / 254 CB-10                         | 2013           | 13 BUSINESS PARK DR            | UNKNOWN                             | 12" RCP - Unknown Source            | Further investigate - Field Work                                  |
| I-254C / 254 CB-11                         | 2013           | 10 BUSINESS PARK DR            | UNKNOWN                             | 24" RCP - Unknown Source            | Further investigate - Field Work                                  |
| I-X01 / X01 CB-06                          | 2010           | 8 KAREN ANN DR                 | BEAUVAIS STEVEN J ET UX             | 2x4" PVC - Unknown Source           | Require Permitting or Plug                                        |
| I-X04 / X04 DMH-02                         | 2010           | 22 WADE DR                     | MAHDESIAN TANYA M                   | 4" Asbestos - Unknown Source        | Further investigate - Field Work                                  |
| I-X06A / X06 CB-02                         | 2010           | 34 ROGER WILLIAMS DR           | DICK JAMES A ET UX                  | 4" Asbestos - Unknown Source        | Require Permitting or Plug                                        |
| I-X06B / X06 CB-01B                        | 2010           | 2 BIRCH RD                     | CONTI MICHAEL ET UX                 | 4" Asbestos - Unknown Source        | Require Permitting or Plug                                        |
| I-X06C / X06 CB-02B                        | 2010           | 7 CYPRESS DR                   | JONSON DOROTHY L TRUST              | 4" Asbestos - Unknown Source        | Require Permitting or Plug                                        |
| I-X06D / X06 CB-09C                        | 2010           | 5 OAKHURST DR                  | MACHON BRENDA M                     | 4" Asbestos - Unknown Source        | Require Permitting or Plug                                        |
| I-X06D / X06 CB-09C                        | 2010           | 3 OAKHURST DR                  | STADNICK PAUL H                     | 4" Asbestos - Unknown Source        | Require Permitting or Plug                                        |
| I-X06E / X06 DMH-02C                       | 2010           | 9 ORCHARD AVE                  | MENATIAN STEVE ET UX                | 4" Asbestos - Unknown Source        | Require Permitting or Plug                                        |
| I-UIC / CB-03                              | 2010           | 225 HARRIS RD                  | CATALLOZZI ALBERTA M                | 4" PVC - Unknown Source             | Require Permitting or Plug                                        |
| DRYWELL/117 CB-02                          | 2023           | 31 CONNORS FARM DR             | MARK PERROTTI                       | 4 " PVC - Galley System             | Permitted Discharge                                               |
| 165 CB-26                                  | 2011           | 27 FANNING LN                  | ROBERT BERWICK                      | 4" PVC - Roof Drains                | Permitted Discharge                                               |

The seal of the Town of Smithfield, Rhode Island, is a circular emblem. It features a central shield with a landscape scene including a red building, a white steeple, and a body of water. The shield is surrounded by a blue ring with the text "Town of Smithfield Rhode Island" in yellow. Below the ring, the text "est. 1730-1731" is written in yellow. The seal is faded and serves as a background for the title page.

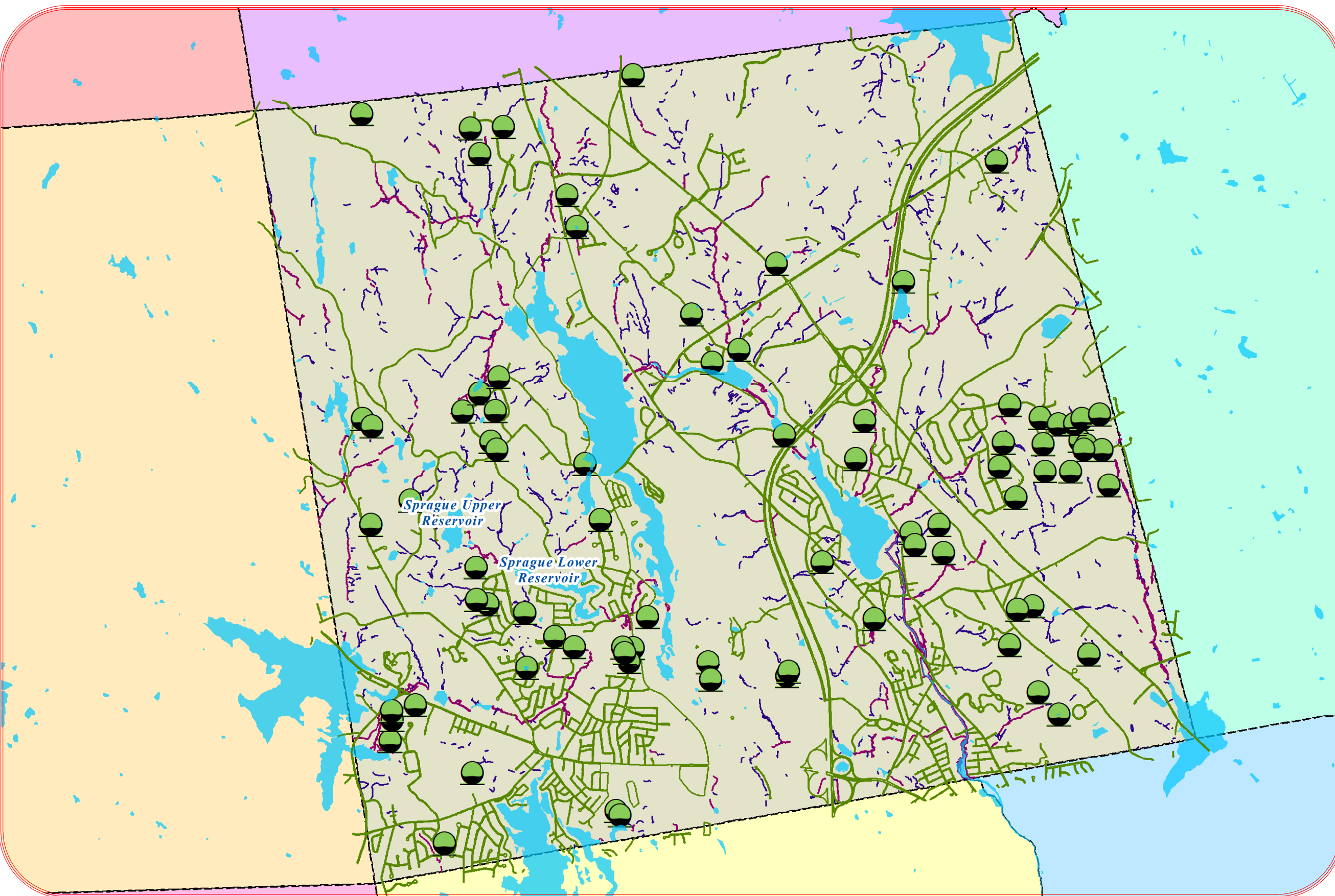
## APPENDIX G

### TOWN BMP INVENTORY/INSPECTION (DETENTION BASINS AND STRUCTURES)



**Legend**

-  Ponds & Lakes
-  Town Detention Basins
-  Roads Edge
-  Streams
-  Rivers
- Municipalities\_1997**
-  <all other values>
- NAME**
-  BURRILLVILLE
-  GLOCESTER
-  JOHNSTON
-  LINCOLN
-  NORTH PROVIDENCE
-  NORTH SMITHFIELD
-  SCITUATE
-  SMITHFIELD



0 1,800 3,600 7,200 10,800  
 Feet

DISCLAIMER: This map is not a product of a Professional Land Survey. It was created by Smithfield Engineering & GIS for general reference, informational, planning or guidance use and is not a legally authoritative source as to the location of natural or manmade features. The Town of Smithfield makes no warranty, express or implied, related to the spatial accuracy, reliability, completeness, or currentness of this map.

Smithfield Town Engineers Office  
GIS Mapping  
Town of Smithfield Detention Ponds  
January, 2025

Town of Smithfield 2024 BMP Inspections

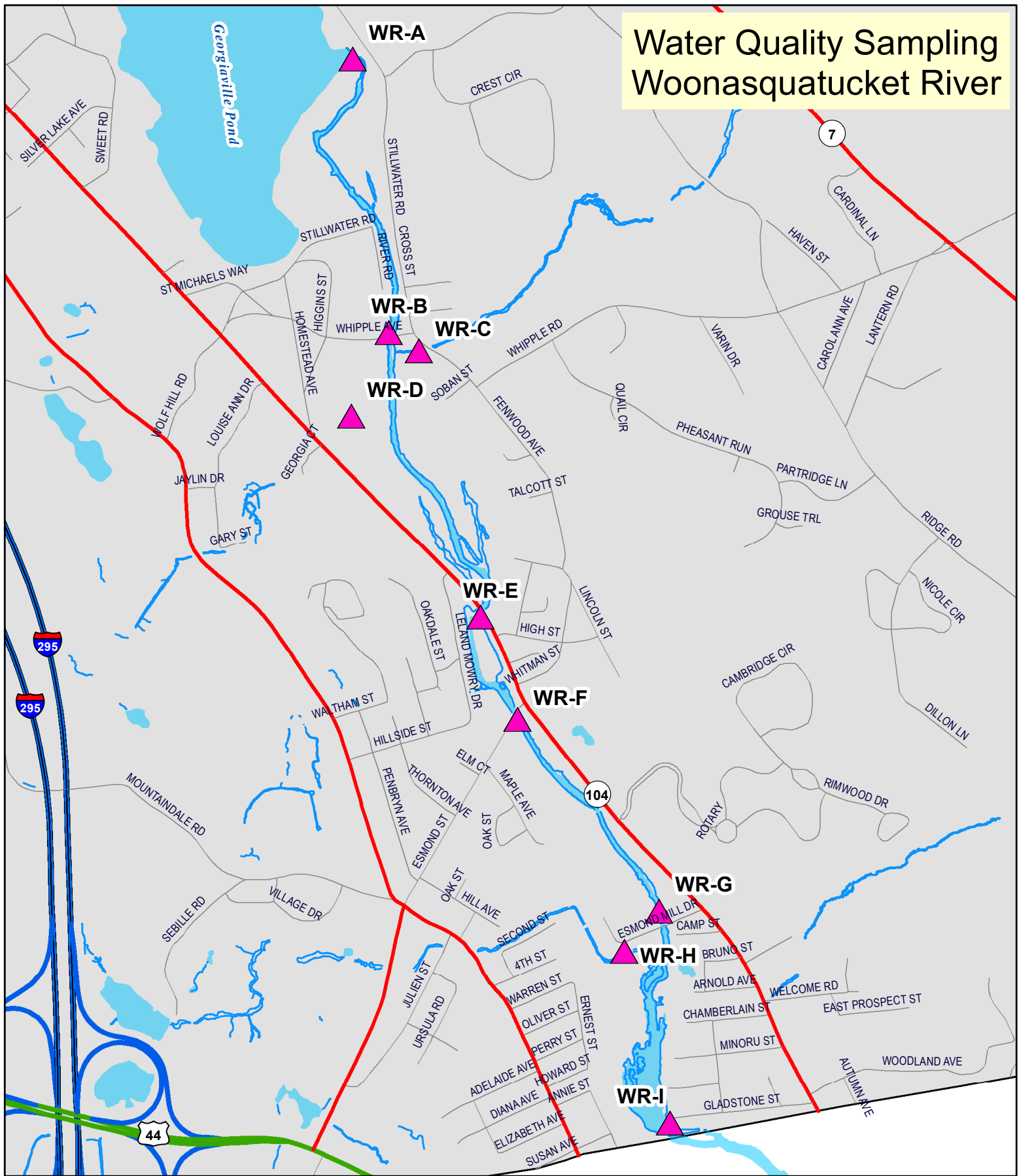
| BMP ID    | Inspection Date     | Inspector | Water Quality Structure Type | BMP Description                  | Weather       | Soil Erosion Repair | Remove Trash Debris | Mulch Void Areas | Remove Dead Vegetation | Replace Dead Vegetation | Prune | Replace Media | Examine BMP Inlet for Clogging | Examine BMP Outlet for Clogging | Mow Upper Stage, Side Slopes, or Emergency Spillway | Remove Sediment from Basin | Est. Depth of Sediment | Raking of Sand Required | Inspect/Clean Pretreatment Devices |
|-----------|---------------------|-----------|------------------------------|----------------------------------|---------------|---------------------|---------------------|------------------|------------------------|-------------------------|-------|---------------|--------------------------------|---------------------------------|-----------------------------------------------------|----------------------------|------------------------|-------------------------|------------------------------------|
| DP-004    | 11/26/2024          | TOS       | Detention Pond               | Wet Basin                        | Cloudy        | Yes                 | No                  | No               | Yes                    | N/A                     | Yes   | Yes           | No                             | No                              | Yes                                                 | Yes                        | 3"                     | Yes                     | No                                 |
| DP-005    | 11/26/2024          | TOS       | Retention Pond               | Dry Retention Basin/Infiltration | Cloudy        | Yes                 | No                  | No               | Yes                    | Yes                     | Yes   | No            | No                             | No                              | Yes                                                 | Yes                        | 2"                     | No                      | No                                 |
| DP-006    | 11/26/2024          | TOS       | Retention Pond               | Wet Basin                        | Cloudy        | No                  | No                  | No               | Yes                    | No                      | Yes   | No            | No                             | No                              | No                                                  | Yes                        | 1"                     | No                      | No                                 |
| DP-008    | 5/13/2024           | TOS       | Detention Pond               | Dry Retention Basin/Infiltration | Partly Cloudy | No                  | Yes                 | N/A              | Yes                    | No                      | Yes   | No            | No                             | Yes                             | Yes                                                 | No                         | Less Than 1"           | No                      | N/A                                |
| DP-009    | 6/4/2024            | TOS       | Retention Pond               | Wet Basin                        | Partly Cloudy | No                  | No                  | No               | No                     | No                      | Yes   | No            | No                             | No                              | Yes                                                 | No                         | Less Than 1"           | N/A                     | Yes                                |
| DP-011    | 6/21/2024           | TOS       | Detention Pond               | Wet Basin                        | Clear Day     | No                  | No                  | No               | Yes                    | N/A                     | Yes   | No            | No                             | Yes                             | Yes                                                 | Yes                        | 2"                     | No                      | N/A                                |
| DP-014    | 5/13/2024           | TOS       | Retention Pond               | Wet Basin                        | Partly Cloudy | No                  | Yes                 | No               | Yes                    | No                      | Yes   | No            | No                             | N/A                             | Yes                                                 | No                         | Less Than 1"           | No                      | N/A                                |
| DP-020    | 5/28/2024           | TOS       | Detention Pond               | Wet Basin                        | Cloudy        | No                  | No                  | No               | Yes                    | N/A                     | Yes   | No            | No                             | Yes                             | Yes                                                 | No                         | Less Than 1"           | No                      | N/A                                |
| DP-021    | 5/28/2024           | TOS       | Detention Pond               | Wet Basin                        | Cloudy        | No                  | No                  | No               | Yes                    | No                      | Yes   | No            | No                             | No                              | Yes                                                 | No                         | 1"                     | No                      | No                                 |
| DP-022    | 5/28/2024           | TOS       | Detention Pond               | Wet Basin                        | Cloudy        | No                  | Yes                 | No               | Yes                    | No                      | Yes   | No            | No                             | No                              | No                                                  | No                         | 1"                     | No                      | No                                 |
| DP-050    | 11/26/2024          | TOS       | Detention Pond               | Wet Basin                        | Cloudy        | No                  | No                  | No               | Yes                    | No                      | Yes   | No            | No                             | No                              | No                                                  | No                         | Less Than 1"           | No                      | No                                 |
| DP-051    | 11/26/2024          | TOS       | Detention Pond               | Wet Basin                        | Cloudy        | No                  | No                  | No               | Yes                    | No                      | Yes   | Yes           | No                             | No                              | Yes                                                 | No                         | Less Than 1"           | No                      | No                                 |
| DP-073    | 6/18/2024           | TOS       | Detention Pond               | Wet Basin                        | Cloudy        | No                  | No                  | No               | Yes                    | N/A                     | Yes   | No            | No                             | No                              | Yes                                                 | Yes                        | 1"                     | No                      | N/A                                |
| DP-079    | 6/18/2024           | TOS       | Detention Pond               | Dry Retention Basin/Infiltration | Cloudy        | No                  | No                  | No               | Yes                    | No                      | Yes   | No            | No                             | No                              | Yes                                                 | No                         | Less Than 1"           | No                      | No                                 |
| DP-082-1  | 6/18/2024           | TOS       | Retention Pond               | Wet Basin                        | Cloudy        | No                  | No                  | No               | No                     | No                      | No    | No            | No                             | No                              | No                                                  | No                         | Less Than 1"           | No                      | No                                 |
| DP-082-2  | 6/18/2024           | TOS       | Detention Pond               | Dry Retention Basin/Infiltration | Cloudy        | No                  | No                  | No               | Yes                    | No                      | Yes   | No            | No                             | Yes                             | No                                                  | Yes                        | Less Than 1"           | No                      | No                                 |
| DP-089    | 6/18/2024           | TOS       | Detention Pond               | Dry Retention Basin/Infiltration | Cloudy        | No                  | Yes                 | N/A              | Yes                    | No                      | Yes   | No            | No                             | No                              | N/A                                                 | No                         | Less Than 1"           | No                      | N/A                                |
| DP-116    | 5/13/2024           | TOS       | Detention Pond               | Wet Basin                        | Partly Cloudy | No                  | Yes                 | N/A              | Yes                    | N/A                     | Yes   | No            | No                             | No                              | Yes                                                 | Yes                        | 1"                     | No                      | N/A                                |
| DP-117    | 5/13/2024           | TOS       | Detention Pond               | Dry Retention Basin/Infiltration | Partly Cloudy | No                  | Yes                 | No               | Yes                    | No                      | Yes   | No            | No                             | No                              | No                                                  | No                         | Less Than 1"           | No                      | N/A                                |
| DP-132    | 4/30/2024           | TOS       | Detention Pond               | Dry Retention Basin/Infiltration | Cloudy        | No                  | No                  | No               | Yes                    | N/A                     | Yes   | No            | No                             | No                              | No                                                  | No                         | Less Than 1"           | N/A                     | N/A                                |
| DP-151    | 5/13/2024           | TOS       | Detention Pond               | Wet Basin                        | Partly Cloudy | No                  | No                  | No               | Yes                    | N/A                     | Yes   | No            | N/A                            | No                              | Yes                                                 | No                         | Less Than 1"           | No                      | N/A                                |
| DP-159    | 5/13/2024           | TOS       | Detention Pond               | Wet Basin                        | Partly Cloudy | No                  | No                  | No               | Yes                    | N/A                     | Yes   | No            | N/A                            | No                              | Yes                                                 | No                         | Less Than 1"           | No                      | N/A                                |
| DP-160    | 4/30/2024           | TOS       | Detention Pond               | Wet Basin                        | Cloudy        | No                  | No                  | No               | Yes                    | No                      | Yes   | No            | No                             | No                              | Yes                                                 | No                         | Less Than 1"           | No                      | No                                 |
| DP-161    | 4/30/2024           | TOS       | Detention Pond               | Wet Basin                        | Cloudy        | No                  | No                  | No               | Yes                    | No                      | Yes   | No            | No                             | No                              | Yes                                                 | No                         | 1"                     | No                      | No                                 |
| DP-227    | 6/18/2024           | TOS       | Detention Pond               | Wet Basin                        | Cloudy        | No                  | No                  | No               | Yes                    | N/A                     | No    | No            | No                             | No                              | No                                                  | No                         | Less Than 1"           | No                      | N/A                                |
| DP-229    | 11/26/2024          | TOS       | Detention Pond               | Wet Basin                        | Cloudy        | No                  | No                  | No               | Yes                    | N/A                     | Yes   | No            | Yes                            | No                              | Yes                                                 | No                         | 2"                     | No                      | No                                 |
| DP-229-2  | 11/26/2024          | TOS       | Detention Pond               | Wet Basin                        | Cloudy        | No                  | Yes                 | No               | No                     | No                      | Yes   | No            | No                             | No                              | Yes                                                 | No                         | 1"                     | No                      | No                                 |
| DP-236    | 11/26/2024          | TOS       | Detention Pond               | Wet Basin                        | Cloudy        | No                  | No                  | No               | No                     | No                      | Yes   | No            | No                             | N/A                             | Yes                                                 | No                         | Less Than 1"           | N/A                     | N/A                                |
| DP-263    | 11/26/2024          | TOS       | Retention Pond               | Dry Retention Basin/Infiltration | Cloudy        | No                  | No                  | No               | No                     | No                      | Yes   | No            | No                             | No                              | No                                                  | No                         | Less Than 1"           | No                      | No                                 |
| DP-267    | 11/26/2024          | TOS       | Retention Pond               | Wet Basin                        | Cloudy        | No                  | No                  | No               | Yes                    | No                      | Yes   | No            | No                             | No                              | Yes                                                 | No                         | Less Than 1"           | No                      | No                                 |
| DP-268    | 11/26/2024          | TOS       | Detention Pond               | Dry Retention Basin/Infiltration | Cloudy        | No                  | Yes                 | No               | Yes                    | Yes                     | Yes   | No            | No                             | No                              | Yes                                                 | No                         | Less Than 1"           | No                      | No                                 |
| DP-269    | 11/26/2024          | TOS       | Retention Pond               | Wet Basin                        | Cloudy        | Yes                 | Yes                 | No               | Yes                    | Yes                     | Yes   | No            | No                             | No                              | No                                                  | Yes                        | 3"                     | No                      | No                                 |
| DP-270    | 5/23/2024           | TOS       | Detention Pond               | Dry Retention Basin/Infiltration | Rain          | No                  | Yes                 | N/A              | Yes                    | No                      | Yes   | No            | No                             | No                              | No                                                  | No                         | Less Than 1"           | N/A                     | N/A                                |
| DP-271    | 5/23/2024           | TOS       | Detention Pond               | Dry Retention Basin/Infiltration | Rain          | No                  | No                  | N/A              | Yes                    | No                      | Yes   | No            | No                             | No                              | Yes                                                 | No                         | Less Than 1"           | N/A                     | N/A                                |
| DP-34     | 6/12/2024           | TOS       | Detention Pond               | Wet Basin                        | Cloudy        | No                  | No                  | No               | Yes                    | N/A                     | Yes   | No            | N/A                            | No                              | Yes                                                 | No                         | Less Than 1"           | No                      | N/A                                |
| DP-PVC-01 | 2024/08/30 09:42:11 | BETA      | Retention Pond               | Sand/Organic Filter              | Clear Day     | No                  | No                  | No               | No                     | No                      | No    | No            | No                             | No                              | No                                                  | No                         | Less Than 1"           | No                      | No                                 |
| DP-PVC-02 | 2024/08/30 09:38:57 | BETA      | Rain Garden                  | Bioretention/Rain Garden         | Clear Day     | Yes                 | No                  | No               | No                     | No                      | No    | No            | No                             | N/A                             | No                                                  | No                         | Less Than 1"           | No                      | No                                 |
| DP-PVS-03 | 2024/08/30 09:47:49 | BETA      | Rain Garden                  | Bioretention/Rain Garden         | Clear Day     | No                  | No                  | No               | No                     | No                      | Yes   | No            | Yes                            | Yes                             | No                                                  | No                         | Less Than 1"           | No                      | No                                 |
| DP-PVS-04 | 2023/05/09 09:32:00 | BETA      | Rain Garden                  | Bioretention/Rain Garden         | Partly Cloudy | No                  | Yes                 | N/A              | Yes                    | No                      | Yes   | No            | No                             | N/A                             | No                                                  | No                         | Less Than 1"           | N/A                     | N/A                                |



# APPENDIX I

## WATER QUALITY DATA

# Water Quality Sampling Woonasquatucket River



0 550 1,100 2,200 Feet

SOURCE: Gavin Lopes, Engineering Assistant Engineering Department, Town of Smithfield, RI  
Revised January 2025.

DISCLAIMER: This map is not a product of a Professional Land Survey. It was created by Smithfield Engineering & GIS for general reference, informational, planning or guidance use and is not legally authoritative source as to the location of natural or manmade features. The Town of Smithfield makes no warranty, express or implied, related to the spatial accuracy, reliability, completeness, or currentness of this map.



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4D2107

Project Description

Stormwater Sampling

For:

Ed Fratelli

**Town of Smithfield**

64 Farnum PIKE

Smithfield, RI 02917

---

Director

Ronald L. Warila

Thursday, April 25, 2024

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc. - Dayville. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

Microbac Laboratories, Inc.

61 Louisa Viens Drive | Dayville, CT 06241 | 860.774.6814 p | [www.microbac.com](http://www.microbac.com)



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4D2107

**Town of Smithfield**

Ed Fratelli  
64 Farnum PIKE  
Smithfield, RI 02917

**Project Name: Stormwater Sampling**

Project / PO Number: Stormwater Sampling  
Received: 04/18/2024  
Reported: 04/25/2024

**Sample Summary Report**

| <u>Sample Name</u>             | <u>Laboratory ID</u> | <u>Client Matrix</u> | <u>Sample Type</u> | <u>Sample Begin</u> | <u>Sample Taken</u> | <u>Lab Received</u> |
|--------------------------------|----------------------|----------------------|--------------------|---------------------|---------------------|---------------------|
| Woonasquatucket River<br>WR-A  | D4D2107-01           | Wastewater           | Grab               |                     | 04/18/24 11:37      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-B  | D4D2107-02           | Wastewater           | Grab               |                     | 04/18/24 11:27      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-C  | D4D2107-03           | Wastewater           | Grab               |                     | 04/18/24 11:10      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-D  | D4D2107-04           | Wastewater           | Grab               |                     | 04/18/24 11:02      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-E  | D4D2107-05           | Wastewater           | Grab               |                     | 04/18/24 10:44      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-F  | D4D2107-06           | Wastewater           | Grab               |                     | 04/18/24 10:34      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-G  | D4D2107-07           | Wastewater           | Grab               |                     | 04/18/24 10:30      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-H  | D4D2107-08           | Wastewater           | Grab               |                     | 04/18/24 10:25      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-I  | D4D2107-09           | Wastewater           | Grab               |                     | 04/18/24 10:17      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-GV | D4D2107-10           | Wastewater           | Grab               |                     | 04/18/24 11:17      | 04/18/24 15:10      |



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CERTIFICATE OF ANALYSIS

D4D2107

Analytical Testing Parameters

Client Sample ID: Woonasquatucket River WR-A  
Sample Matrix: Wastewater  
Lab Sample ID: D4D2107-01

Collected By: Customer  
Collection Date: 04/18/2024 11:37

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 04/22/24 1450 | 04/23/24 1515 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1515 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1515 | JSK     |
| Zinc                              | <5.00  | 2.84  | 5.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1515 | JSK     |

Client Sample ID: Woonasquatucket River WR-B  
Sample Matrix: Wastewater  
Lab Sample ID: D4D2107-02

Collected By: Customer  
Collection Date: 04/18/2024 11:27

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 04/22/24 1450 | 04/23/24 1519 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1519 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1519 | JSK     |
| Zinc                              | <5.00  | 2.84  | 5.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1519 | JSK     |

Client Sample ID: Woonasquatucket River WR-C  
Sample Matrix: Wastewater  
Lab Sample ID: D4D2107-03

Collected By: Customer  
Collection Date: 04/18/2024 11:10

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 04/22/24 1450 | 04/23/24 1523 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1523 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1523 | JSK     |
| Zinc                              | <5.00  | 2.84  | 5.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1523 | JSK     |

Client Sample ID: Woonasquatucket River WR-D  
Sample Matrix: Wastewater  
Lab Sample ID: D4D2107-04

Collected By: Customer  
Collection Date: 04/18/2024 11:02

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 04/22/24 1450 | 04/23/24 1526 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1526 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1526 | JSK     |
| Zinc                              | 9.82   | 2.84  | 5.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1526 | JSK     |



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CERTIFICATE OF ANALYSIS

D4D2107

Client Sample ID: Woonasquatucket River WR-E

Sample Matrix: Wastewater

Lab Sample ID: D4D2107-05

Collected By: Customer

Collection Date: 04/18/2024 10:44

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 04/22/24 1450 | 04/23/24 1537 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1537 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1537 | JSK     |
| Zinc                              | <5.00  | 2.84  | 5.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1537 | JSK     |

Client Sample ID: Woonasquatucket River WR-F

Sample Matrix: Wastewater

Lab Sample ID: D4D2107-06

Collected By: Customer

Collection Date: 04/18/2024 10:34

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 04/22/24 1450 | 04/23/24 1541 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1541 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1541 | JSK     |
| Zinc                              | <5.00  | 2.84  | 5.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1541 | JSK     |

Client Sample ID: Woonasquatucket River WR-G

Sample Matrix: Wastewater

Lab Sample ID: D4D2107-07

Collected By: Customer

Collection Date: 04/18/2024 10:30

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 04/22/24 1450 | 04/23/24 1545 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1545 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1545 | JSK     |
| Zinc                              | <5.00  | 2.84  | 5.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1545 | JSK     |

Client Sample ID: Woonasquatucket River WR-H

Sample Matrix: Wastewater

Lab Sample ID: D4D2107-08

Collected By: Customer

Collection Date: 04/18/2024 10:25

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 04/22/24 1450 | 04/23/24 1548 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1548 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1548 | JSK     |
| Zinc                              | <5.00  | 2.84  | 5.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1548 | JSK     |



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CERTIFICATE OF ANALYSIS

D4D2107

Client Sample ID: Woonasquatucket River WR-I

Sample Matrix: Wastewater

Lab Sample ID: D4D2107-09

Collected By: Customer

Collection Date: 04/18/2024 10:17

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 04/22/24 1450 | 04/23/24 1559 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1559 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1559 | JSK     |
| Zinc                              | <5.00  | 2.84  | 5.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1559 | JSK     |

Client Sample ID: Woonasquatucket River WR-GV

Sample Matrix: Wastewater

Lab Sample ID: D4D2107-10

Collected By: Customer

Collection Date: 04/18/2024 11:17

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 04/22/24 1450 | 04/23/24 1603 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1603 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1603 | JSK     |
| Zinc                              | <5.00  | 2.84  | 5.00 | ug/L  | 1  |      | 04/22/24 1450 | 04/23/24 1603 | JSK     |

Definitions

MDL: Minimum Detection Limit  
RL: Reporting Limit  
U: Not detected. The concentration is below the RL/LOQ.  
ug/L: Micrograms per Liter

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 3.8°C

Cooler Inspection Checklist

|                                                    |     |                                               |     |
|----------------------------------------------------|-----|-----------------------------------------------|-----|
| Ice Present or not required?                       | Yes | Shipping containers sealed or not required?   | Yes |
| Custody seals intact or not required?              | Yes | Chain of Custody (COC) Present?               | Yes |
| COC includes customer information?                 | Yes | Relinquished and received signature on COC?   | Yes |
| Sample collector identified on COC?                | Yes | Sample type identified on COC?                | Yes |
| Correct type of Containers Received                | Yes | Correct number of containers listed on COC?   | Yes |
| Containers Intact?                                 | Yes | COC includes requested analyses?              | Yes |
| Enough sample volume for indicated tests received? | Yes | Sample labels match COC (Name, Date & Time?)  | Yes |
| Samples arrived within hold time?                  | Yes | Correct preservatives on COC or not required? | Yes |
| Chemical preservations checked or not required?    | Yes | Preservation checks meet method requirements? | Yes |
| VOA vials have zero headspace, or not recd.?       | Yes |                                               |     |

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville  
LAO00346

Rhode Island Department of Health



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4D2107

**Report Comments**

*Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.*

*The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. **The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.***

**Reviewed and Approved By:**

Ronald L. Warila

Director

Reported: 04/25/2024 14:59



CHAIN OF CUSTODY  
61 Louisa Viens Drive  
Tel: (860)774-6814

Microbac Laboratories, Inc.

Copy of Report To

CUSTOMER: Town of Smithfield, R.I.  
ADDRESS: 64 Farnum Pike Esmond R.I. 02917  
DELIVERY:  
E-MAIL: efratelli@smithfieldri.com  
PHONE: 401-233-1041 FAX: 401-233-1091

BILL TO: Smithfield Engineering Department  
ADDRESS: 64 Farnum Pike  
PURCHASE ORDER #  
ATTENTION: Kathy Connelly  
PHONE: 401-233-1041

USE ONLY

af

Manager: Edward Fratelli, EIT

Project Information

PROJECT: Stormwater Sampling  
LOCATION: Town of Smithfield, R.I.  
ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL  
PHONE: 401-233-1041  
FAX: 401-233-1091

| Sample Identification       | Date Collected | Time Collected | Sample Type |      | Sample Matrix | Number of Bottles | Analysis |        |      |         |      | Preservatives |       |     |      |       |
|-----------------------------|----------------|----------------|-------------|------|---------------|-------------------|----------|--------|------|---------|------|---------------|-------|-----|------|-------|
|                             |                |                | COMPOSITE   | GRAB |               |                   | FECAL    | COPPER | ZINC | CADMIUM | LEAD | NON-PRES      | HS204 | HCL | HNO3 | OTHER |
| Woonasquatucket River WR-A  | 4/18/2024      | 11:37 AM       |             | X    |               | 1                 |          | X      | X    | X       | X    | X             |       |     |      |       |
| Woonasquatucket River WR-B  | 4/18/2024      | 11:27          |             | X    |               | 1                 |          | X      | X    | X       | X    | X             |       |     |      |       |
| Woonasquatucket River WR-C  | 4/18/2024      | 11:10          |             | X    |               | 1                 |          | X      | X    | X       | X    | X             |       |     |      |       |
| Woonasquatucket River WR-D  | 4/18/2024      | 11:02          |             | X    |               | 1                 |          | X      | X    | X       | X    | X             |       |     |      |       |
| Woonasquatucket River WR-E  | 4/18/2024      | 10:44          |             | X    |               | 1                 |          | X      | X    | X       | X    | X             |       |     |      |       |
| Woonasquatucket River WR-F  | 4/18/2024      | 10:34          |             | X    |               | 1                 |          | X      | X    | X       | X    | X             |       |     |      |       |
| Woonasquatucket River WR-G  | 4/18/2024      | 10:30          |             | X    |               | 1                 |          | X      | X    | X       | X    | X             |       |     |      |       |
| Woonasquatucket River WR-H  | 4/18/2024      | 10:25          |             | X    |               | 1                 |          | X      | X    | X       | X    | X             |       |     |      |       |
| Woonasquatucket River WR-I  | 4/18/2024      | 10:17          |             | X    |               | 1                 |          | X      | X    | X       | X    | X             |       |     |      |       |
| Woonasquatucket River WR-GV | 4/18/2024      | 11:17          |             | X    |               | 1                 |          | X      | X    | X       | X    | X             |       |     |      |       |

|                                          |  |          |  |                          |                  |  |                          |                          |
|------------------------------------------|--|----------|--|--------------------------|------------------|--|--------------------------|--------------------------|
| TURN AROUND (INDICATE IN CALENDAR DAYS): |  | FAX      |  | <input type="checkbox"/> | HAP PRESERVATIVE |  | E-MAIL                   | <input type="checkbox"/> |
| EXPEDITED SERVICE NOT TO SURCHARGE       |  | INITIALS |  | 4/18/24                  |                  |  |                          |                          |
| CONDITIONS UPON RECEIPT (CHECK ONE):     |  | COOLED   |  | <input type="checkbox"/> | AMBIENT          |  | <input type="checkbox"/> | COMPLIANT                |
| RECEIVED: Andrew Lopez                   |  | 4/18/24  |  | 13:10                    |                  |  |                          |                          |
| RELINQUISHED: Andrew Lopez               |  | 4/18/24  |  | 15:10                    |                  |  |                          |                          |
| RECEIVED: George Dean                    |  | 4/18/24  |  | 15:10                    |                  |  |                          |                          |
| RELINQUISHED:                            |  |          |  |                          |                  |  |                          |                          |
| RECEIVED:                                |  |          |  |                          |                  |  |                          |                          |



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4D2117

Project Description

Stormwater Sampling

For:

Ed Fratelli

**Town of Smithfield**

64 Farnum PIKE

Smithfield, RI 02917

---

Director

Ronald L. Warila

Monday, April 22, 2024

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc. - Dayville. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

Microbac Laboratories, Inc.

61 Louisa Viens Drive | Dayville, CT 06241 | 860.774.6814 p | [www.microbac.com](http://www.microbac.com)



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4D2117

**Town of Smithfield**

Ed Fratelli  
64 Farnum PIKE  
Smithfield, RI 02917

**Project Name: Stormwater Sampling**

Project / PO Number: Stormwater Sampling  
Received: 04/18/2024  
Reported: 04/22/2024

**Sample Summary Report**

| <u>Sample Name</u>             | <u>Laboratory ID</u> | <u>Client Matrix</u> | <u>Sample Type</u> | <u>Sample Begin</u> | <u>Sample Taken</u> | <u>Lab Received</u> |
|--------------------------------|----------------------|----------------------|--------------------|---------------------|---------------------|---------------------|
| Woonasquatucket River<br>WR-A  | D4D2117-01           | Wastewater           | Grab               |                     | 04/18/24 11:37      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-B  | D4D2117-02           | Wastewater           | Grab               |                     | 04/18/24 11:27      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-C  | D4D2117-03           | Wastewater           | Grab               |                     | 04/18/24 11:10      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-D  | D4D2117-04           | Wastewater           | Grab               |                     | 04/18/24 11:02      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-E  | D4D2117-05           | Wastewater           | Grab               |                     | 04/18/24 10:44      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-F  | D4D2117-06           | Wastewater           | Grab               |                     | 04/18/24 10:34      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-G  | D4D2117-07           | Wastewater           | Grab               |                     | 04/18/24 10:30      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-H  | D4D2117-08           | Wastewater           | Grab               |                     | 04/18/24 10:25      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-I  | D4D2117-09           | Wastewater           | Grab               |                     | 04/18/24 10:17      | 04/18/24 15:10      |
| Woonasquatucket River<br>WR-GV | D4D2117-10           | Wastewater           | Grab               |                     | 04/18/24 11:17      | 04/18/24 15:10      |



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4D2117

Analytical Testing Parameters

Client Sample ID: [Woonasquatucket River WR-A](#)  
Sample Matrix: [Wastewater](#)  
Lab Sample ID: [D4D2117-01](#)

Collected By: [Customer](#)  
Collection Date: [04/18/2024 11:37](#)

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 10     |     | 10 | cfu/100mL | 10 |      | 04/18/24 1712 | 04/19/24 1534 | SES2    |

Client Sample ID: [Woonasquatucket River WR-B](#)  
Sample Matrix: [Wastewater](#)  
Lab Sample ID: [D4D2117-02](#)

Collected By: [Customer](#)  
Collection Date: [04/18/2024 11:27](#)

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | <10    |     | 10 | cfu/100mL | 10 |      | 04/18/24 1712 | 04/19/24 1534 | SES2    |

Client Sample ID: [Woonasquatucket River WR-C](#)  
Sample Matrix: [Wastewater](#)  
Lab Sample ID: [D4D2117-03](#)

Collected By: [Customer](#)  
Collection Date: [04/18/2024 11:10](#)

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | <10    |     | 10 | cfu/100mL | 10 |      | 04/18/24 1712 | 04/19/24 1534 | SES2    |

Client Sample ID: [Woonasquatucket River WR-D](#)  
Sample Matrix: [Wastewater](#)  
Lab Sample ID: [D4D2117-04](#)

Collected By: [Customer](#)  
Collection Date: [04/18/2024 11:02](#)

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 190    |     | 10 | cfu/100mL | 10 |      | 04/18/24 1712 | 04/19/24 1534 | SES2    |

Client Sample ID: [Woonasquatucket River WR-E](#)  
Sample Matrix: [Wastewater](#)  
Lab Sample ID: [D4D2117-05](#)

Collected By: [Customer](#)  
Collection Date: [04/18/2024 10:44](#)

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 20     |     | 10 | cfu/100mL | 10 |      | 04/18/24 1712 | 04/19/24 1534 | SES2    |



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4D2117

Client Sample ID: Woonasquatucket River WR-F  
Sample Matrix: Wastewater  
Lab Sample ID: D4D2117-06

Collected By: Customer  
Collection Date: 04/18/2024 10:34

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | <10    |     | 10 | cfu/100mL | 10 |      | 04/18/24 1712 | 04/19/24 1534 | SES2    |

Client Sample ID: Woonasquatucket River WR-G  
Sample Matrix: Wastewater  
Lab Sample ID: D4D2117-07

Collected By: Customer  
Collection Date: 04/18/2024 10:30

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 10     |     | 10 | cfu/100mL | 10 |      | 04/18/24 1712 | 04/19/24 1534 | SES2    |

Client Sample ID: Woonasquatucket River WR-H  
Sample Matrix: Wastewater  
Lab Sample ID: D4D2117-08

Collected By: Customer  
Collection Date: 04/18/2024 10:25

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 10     |     | 10 | cfu/100mL | 10 |      | 04/18/24 1712 | 04/19/24 1534 | SES2    |

Client Sample ID: Woonasquatucket River WR-I  
Sample Matrix: Wastewater  
Lab Sample ID: D4D2117-09

Collected By: Customer  
Collection Date: 04/18/2024 10:17

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 30     |     | 10 | cfu/100mL | 10 |      | 04/18/24 1712 | 04/19/24 1534 | SES2    |

Client Sample ID: Woonasquatucket River WR-GV  
Sample Matrix: Wastewater  
Lab Sample ID: D4D2117-10

Collected By: Customer  
Collection Date: 04/18/2024 11:17

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 20     |     | 10 | cfu/100mL | 10 |      | 04/18/24 1712 | 04/19/24 1534 | SES2    |

Definitions

cfu/100mL: Colony Forming Units per 100 Milliliters  
RL: Reporting Limit



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4D2117

Cooler Receipt Log

Cooler ID: Default Cooler

Temp: 3.8°C

Cooler Inspection Checklist

|                                                    |     |                                               |     |
|----------------------------------------------------|-----|-----------------------------------------------|-----|
| Ice Present or not required?                       | Yes | Shipping containers sealed or not required?   | Yes |
| Custody seals intact or not required?              | Yes | Chain of Custody (COC) Present?               | Yes |
| COC includes customer information?                 | Yes | Relinquished and received signature on COC?   | Yes |
| Sample collector identified on COC?                | Yes | Sample type identified on COC?                | Yes |
| Correct type of Containers Received                | Yes | Correct number of containers listed on COC?   | Yes |
| Containers Intact?                                 | Yes | COC includes requested analyses?              | Yes |
| Enough sample volume for indicated tests received? | Yes | Sample labels match COC (Name, Date & Time?)  | Yes |
| Samples arrived within hold time?                  | Yes | Correct preservatives on COC or not required? | Yes |
| Chemical preservations checked or not required?    | Yes | Preservation checks meet method requirements? | Yes |
| VOA vials have zero headspace, or not recd.?       | Yes |                                               |     |

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville  
LAO00346

Rhode Island Department of Health

Report Comments

*Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.*

*The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. **The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.***

Reviewed and Approved By:

Ronald L. Warila

Director

Reported: 04/22/2024 14:38



## CHAIN OF CUSTODY

61 Louisa Viens Drive  
Tel: (860)774-6814



D 4 D 2 1 1 7

Smithfield, Town of

USE ONLY

Manager: Edward Fratelli, EIT

Microbac Laboratories, Inc.

## Copy of Report To

## Project Information

CUSTOMER: Town of Smithfield, R.I.

BILL TO: Smithfield Engineering Department

PROJECT: Stormwater Sampling

ADDRESS: 64 Farnum Pike Esmond R.I. 02917

ADDRESS: 64 Farnum Pike Esmond RI 02917

LOCATION: Town of Smithfield, R.I.

DELIVERY:

PURCHASE ORDER #

ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL

E-MAIL: efratelli@smithfieldri.com

ATTENTION: Kathy Connelly

PHONE: 401-233-1041

PHONE: 401-233-1041 FAX: 401-233-1091

PHONE: 401-233-1041

FAX: 401-233-1091

| Sample Identification       | Date Collected | Time Collected | Sample Type |      | Sample Matrix | Number of Bottles | Analysis |        |      |         |      |  |  |  |  |  | Preservatives |       |     |      |       |
|-----------------------------|----------------|----------------|-------------|------|---------------|-------------------|----------|--------|------|---------|------|--|--|--|--|--|---------------|-------|-----|------|-------|
|                             |                |                | COMPOSITE   | GRAB |               |                   | FECAL    | COPPER | ZINC | CADMIUM | LEAD |  |  |  |  |  | NON-PRES      | HS2O4 | HCL | HNO3 | OTHER |
| Woonasquatucket River WR-A  | 4/18/2024      | 11:37 AM       |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-B  | 4/18/2024      | 11:27 AM       |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-C  | 4/18/2024      | 11:10 AM       |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-D  | 4/18/2024      | 11:02 AM       |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-E  | 4/18/2024      | 10:44 AM       |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-F  | 4/18/2024      | 10:34 AM       |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-G  | 4/18/2024      | 10:30 AM       |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-H  | 4/18/2024      | 10:25 AM       |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-I  | 4/18/2024      | 10:17 AM       |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-GV | 4/18/2024      | 11:17 AM       |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  |               |       |     |      |       |

| CUSTODY TRANSFER                | DATE      | TIME  |
|---------------------------------|-----------|-------|
| SAMPLER: E. Fratelli / G. Lopes | 4/18/2024 |       |
| RECEIVED:                       | 4/18/24   | 13:10 |
| RELINQUISHED:                   | 4/18/24   | 15:10 |
| RECEIVED:                       | 4/18/24   | 15:10 |
| RELINQUISHED:                   |           |       |
| RECEIVED:                       |           |       |

|                                                        |                          |           |                          |
|--------------------------------------------------------|--------------------------|-----------|--------------------------|
| TURN AROUND (INDICATE IN CALENDAR DAYS):               |                          |           |                          |
| FAX                                                    | <input type="checkbox"/> | HARD COPY | <input type="checkbox"/> |
| EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE          |                          |           |                          |
| CONDITIONS UPON RECEIPT (CHECK ONE):                   |                          |           |                          |
| COOLED                                                 | <input type="checkbox"/> | AMBIENT   | <input type="checkbox"/> |
| COMPLIANT <input checked="" type="checkbox"/> 3.84 IRI |                          |           |                          |

RECEIVED

SEP 13 2024

TOWN OF SMITHFIELD, RI  
TOWN ENGINEER'S OFFICE



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D411048

Project Description

Stormwater Sampling

For:

Ed Fratelli

**Town of Smithfield**

64 Farnum PIKE

Smithfield, RI 02917

Quality Assurance Officer

Melisa L. Montgomery

Friday, September 13, 2024

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc. - Dayville. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

**Microbac Laboratories, Inc.**

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SEP 13 2024



Microbac Laboratories, Inc. - Dayville

## CERTIFICATE OF ANALYSIS

D4I1048

TOWN OF SMITHFIELD, RI  
TOWN ENGINEER'S OFFICE

## Town of Smithfield

Ed Fratelli  
64 Farnum PIKE  
Smithfield, RI 02917

## Project Name: Stormwater Sampling

Project / PO Number: Stormwater Sampling  
Received: 09/11/2024  
Reported: 09/13/2024

## Sample Summary Report

| <u>Sample Name</u>             | <u>Laboratory ID</u> | <u>Client Matrix</u> | <u>Sample Type</u> | <u>Sample Begin</u> | <u>Sample Taken</u> | <u>Lab Received</u> |
|--------------------------------|----------------------|----------------------|--------------------|---------------------|---------------------|---------------------|
| Woonasquatucket River<br>WR-A  | D4I1048-01           | Wastewater           | Grab               |                     | 09/11/24 11:25      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-B  | D4I1048-02           | Wastewater           | Grab               |                     | 09/11/24 11:07      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-C  | D4I1048-03           | Wastewater           | Grab               |                     | 09/11/24 10:50      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-D  | D4I1048-04           | Wastewater           | Grab               |                     | 09/11/24 00:00      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-E  | D4I1048-05           | Wastewater           | Grab               |                     | 09/11/24 10:20      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-F  | D4I1048-06           | Wastewater           | Grab               |                     | 09/11/24 10:08      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-G  | D4I1048-07           | Wastewater           | Grab               |                     | 09/11/24 10:01      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-H  | D4I1048-08           | Wastewater           | Grab               |                     | 09/11/24 09:57      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-I  | D4I1048-09           | Wastewater           | Grab               |                     | 09/11/24 09:47      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-WF | D4I1048-10           | Wastewater           | Grab               |                     | 09/11/24 10:55      | 09/11/24 15:20      |



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4I1048

RECEIVED

SEP 13 2024

TOWN OF SMITHFIELD, RI  
TOWN ENGINEER'S OFFICE

Analytical Testing Parameters

|                   |                            |                  |                       |
|-------------------|----------------------------|------------------|-----------------------|
| Client Sample ID: | Woonasquatucket River WR-A | Collected By:    | Ed Fratelli/J. Jelley |
| Sample Matrix:    | Wastewater                 | Collection Date: | 09/11/2024 11:25      |
| Lab Sample ID:    | D4I1048-01                 |                  |                       |

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | <10    |     | 10 | cfu/100mL | 10 |      | 09/11/24 1736 | 09/12/24 1553 | ARM     |

|                   |                            |                  |                       |
|-------------------|----------------------------|------------------|-----------------------|
| Client Sample ID: | Woonasquatucket River WR-B | Collected By:    | Ed Fratelli/J. Jelley |
| Sample Matrix:    | Wastewater                 | Collection Date: | 09/11/2024 11:07      |
| Lab Sample ID:    | D4I1048-02                 |                  |                       |

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 170    |     | 10 | cfu/100mL | 10 |      | 09/11/24 1736 | 09/12/24 1553 | ARM     |

|                   |                            |                  |                       |
|-------------------|----------------------------|------------------|-----------------------|
| Client Sample ID: | Woonasquatucket River WR-E | Collected By:    | Ed Fratelli/J. Jelley |
| Sample Matrix:    | Wastewater                 | Collection Date: | 09/11/2024 10:20      |
| Lab Sample ID:    | D4I1048-05                 |                  |                       |

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 390    |     | 10 | cfu/100mL | 10 |      | 09/11/24 1736 | 09/12/24 1553 | ARM     |

|                   |                            |                  |                       |
|-------------------|----------------------------|------------------|-----------------------|
| Client Sample ID: | Woonasquatucket River WR-F | Collected By:    | Ed Fratelli/J. Jelley |
| Sample Matrix:    | Wastewater                 | Collection Date: | 09/11/2024 10:08      |
| Lab Sample ID:    | D4I1048-06                 |                  |                       |

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 440    |     | 10 | cfu/100mL | 10 |      | 09/11/24 1736 | 09/12/24 1553 | ARM     |

|                   |                            |                  |                       |
|-------------------|----------------------------|------------------|-----------------------|
| Client Sample ID: | Woonasquatucket River WR-G | Collected By:    | Ed Fratelli/J. Jelley |
| Sample Matrix:    | Wastewater                 | Collection Date: | 09/11/2024 10:01      |
| Lab Sample ID:    | D4I1048-07                 |                  |                       |

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 180    |     | 10 | cfu/100mL | 10 |      | 09/11/24 1736 | 09/12/24 1553 | ARM     |

SEP 13 2024



Microbac Laboratories, Inc. - Dayville

TOWN OF SMITHFIELD, RI  
TOWN ENGINEER'S OFFICE

## CERTIFICATE OF ANALYSIS

D4I1048

|                   |                            |                  |                       |
|-------------------|----------------------------|------------------|-----------------------|
| Client Sample ID: | Woonasquatucket River WR-H | Collected By:    | Ed Fratelli/J. Jelley |
| Sample Matrix:    | Wastewater                 | Collection Date: | 09/11/2024 9:57       |
| Lab Sample ID:    | D4I1048-08                 |                  |                       |

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 20     |     | 10 | cfu/100mL | 10 |      | 09/11/24 1736 | 09/12/24 1553 | ARM     |

|                   |                            |                  |                       |
|-------------------|----------------------------|------------------|-----------------------|
| Client Sample ID: | Woonasquatucket River WR-I | Collected By:    | Ed Fratelli/J. Jelley |
| Sample Matrix:    | Wastewater                 | Collection Date: | 09/11/2024 9:47       |
| Lab Sample ID:    | D4I1048-09                 |                  |                       |

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 80     |     | 10 | cfu/100mL | 10 |      | 09/11/24 1736 | 09/12/24 1553 | ARM     |

|                   |                             |                  |                       |
|-------------------|-----------------------------|------------------|-----------------------|
| Client Sample ID: | Woonasquatucket River WR-WF | Collected By:    | Ed Fratelli/J. Jelley |
| Sample Matrix:    | Wastewater                  | Collection Date: | 09/11/2024 10:55      |
| Lab Sample ID:    | D4I1048-10                  |                  |                       |

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 40     |     | 10 | cfu/100mL | 10 |      | 09/11/24 1736 | 09/12/24 1553 | ARM     |

## Definitions

cfu/100mL: Colony Forming Units per 100 Milliliters  
RL: Reporting Limit

## Cooler Receipt Log

Cooler ID: Default Cooler Temp: 5.0°C

## Cooler Inspection Checklist

|                                                    |     |                                               |     |
|----------------------------------------------------|-----|-----------------------------------------------|-----|
| Ice Present or not required?                       | Yes | Shipping containers sealed or not required?   | Yes |
| Custody seals intact or not required?              | Yes | Chain of Custody (COC) Present?               | Yes |
| COC includes customer information?                 | Yes | Relinquished and received signature on COC?   | Yes |
| Sample collector identified on COC?                | Yes | Sample type identified on COC?                | Yes |
| Correct type of Containers Received                | Yes | Correct number of containers listed on COC?   | Yes |
| Containers Intact?                                 | Yes | COC includes requested analyses?              | Yes |
| Enough sample volume for indicated tests received? | Yes | Sample labels match COC (Name, Date & Time?)  | Yes |
| Samples arrived within hold time?                  | Yes | Correct preservatives on COC or not required? | Yes |
| Chemical preservations checked or not required?    | Yes | Preservation checks meet method requirements? | Yes |
| VOA vials have zero headspace, or not recd.?       | Yes |                                               |     |

## Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville  
LAO00346

Rhode Island Department of Health



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4I1048

RECEIVED

SEP 13 2024

TOWN OF SMITHFIELD, RI  
TOWN ENGINEER'S OFFICE

**Report Comments**

*Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.*

*The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.*

**Reviewed and Approved By:**

Melisa L. Montgomery

Quality Assurance Officer

Reported: 09/13/2024 13:37



## CHAIN OF CUSTODY FORM

61 Louisa Viens Drive - Dayville, CT 06241  
Tel: (860)774-6814 - Fax: (860)774-2689

TOWN OF SMITHFIELD, RI  
TOWN ENGINEER'S OFFICE

RECEIVED

SEP 13 2024



D 4 I 1 0 4 8

Smithfield, Town of

Microbac Laboratories, Inc.

Copy of Report To

Billing Information

CUSTOMER: Town of Smithfield, R.I.

ADDRESS: 64 Farnum Pike Esmond R.I. 02917

DELIVERY:

E-MAIL: efratelli@smithfieldri.com

PHONE: 401-233-1041 FAX: 401-233-1091

BILL TO: Smithfield Engineering Department

ADDRESS: 64 Farnum Pike

PURCHASE ORDER #

ATTENTION: Kathy Connelly

PHONE: 401-233-1041

PROJECT: Stormwater Sampling

LOCATION: Town of Smithfield, R.I.

ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL

PHONE: 401-233-1041

FAX: 401-233-1091

| Sample Identification       | Date Collected | AM<br>Time Collected | Sample Type |      | Sample Matrix | Number of Bottles | Analysis |        |      |         |      |  |  |  |  |  | Preservatives |       |     |      |       |
|-----------------------------|----------------|----------------------|-------------|------|---------------|-------------------|----------|--------|------|---------|------|--|--|--|--|--|---------------|-------|-----|------|-------|
|                             |                |                      | COMPOSITE   | GRAB |               |                   | FECAL    | COPPER | ZINC | CADMIUM | LEAD |  |  |  |  |  | NON-PRES      | HS2O4 | HCL | HNO3 | OTHER |
| Woonasquatucket River WR-A  | 9/11/2024      | 11:25                |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-B  | 9/11/2024      | 11:07                |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-C  | 9/11/2024      | 10:50                |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-D  | 9/11/2024      | DRY                  |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-E  | 9/11/2024      | 10:20                |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-F  | 9/11/2024      | 10:08                |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-G  | 9/11/2024      | 10:01                |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-H  | 9/11/2024      | 9:57                 |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-I  | 9/11/2024      | 9:47                 |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-WF | 9/11/2024      | 10:55                |             | x    |               | 1                 | x        |        |      |         |      |  |  |  |  |  |               |       |     |      |       |

| CUSTODY TRANSFER |                         | DATE      | TIME  |
|------------------|-------------------------|-----------|-------|
| SAMPLER:         | E. Fratelli / J. Jelley | 9/11/2024 |       |
| RECEIVED:        | <i>[Signature]</i>      | 9-11-24   | 13:36 |
| RELINQUISHED:    | <i>[Signature]</i>      | 9-11-24   | 15:20 |
| RECEIVED:        | <i>[Signature]</i>      | 9/11/24   | 15:20 |
| RELINQUISHED:    |                         |           |       |
| RECEIVED:        |                         |           |       |

TURN AROUND (INDICATE IN CALENDAR DAYS):

FAX

☐

HARD COPY

☐

E-MAIL

☐

EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

CONDITIONS UPON RECEIPT (CHECK ONE):

COMPLIANT

☐

COOLED

☐

AMBIENT

☐5.0<sup>00</sup>  
IR2



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4I1050

Project Description

Stormwater Sampling

For:

Ed Fratelli

**Town of Smithfield**

64 Farnum PIKE

Smithfield, RI 02917

---

Quality Assurance Officer

Melisa L. Montgomery

Friday, September 20, 2024

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc. - Dayville. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

Microbac Laboratories, Inc.

61 Louisa Viens Drive | Dayville, CT 06241 | 860.774.6814 p | [www.microbac.com](http://www.microbac.com)



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4I1050

**Town of Smithfield**

Ed Fratelli  
64 Farnum PIKE  
Smithfield, RI 02917

**Project Name: Stormwater Sampling**

Project / PO Number: Stormwater Sampling  
Received: 09/11/2024  
Reported: 09/20/2024

**Sample Summary Report**

| <u>Sample Name</u>             | <u>Laboratory ID</u> | <u>Client Matrix</u> | <u>Sample Type</u> | <u>Sample Begin</u> | <u>Sample Taken</u> | <u>Lab Received</u> |
|--------------------------------|----------------------|----------------------|--------------------|---------------------|---------------------|---------------------|
| Woonasquatucket River<br>WR-A  | D4I1050-01           | Stormwater           | Grab               |                     | 09/11/24 11:25      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-B  | D4I1050-02           | Stormwater           | Grab               |                     | 09/11/24 11:07      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-C  | D4I1050-03           | Stormwater           | Grab               |                     | 09/11/24 10:50      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-D  | D4I1050-04           | Stormwater           | Grab               |                     | 09/11/24 00:00      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-E  | D4I1050-05           | Stormwater           | Grab               |                     | 09/11/24 10:20      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-F  | D4I1050-06           | Stormwater           | Grab               |                     | 09/11/24 10:08      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-G  | D4I1050-07           | Stormwater           | Grab               |                     | 09/11/24 10:01      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-H  | D4I1050-08           | Stormwater           | Grab               |                     | 09/11/24 09:57      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-I  | D4I1050-09           | Stormwater           | Grab               |                     | 09/11/24 09:47      | 09/11/24 15:20      |
| Woonasquatucket River<br>WR-WF | D4I1050-10           | Stormwater           | Grab               |                     | 09/11/24 10:55      | 09/11/24 15:20      |



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4I1050

Analytical Testing Parameters

Client Sample ID: Woonasquatucket River WR-A  
Sample Matrix: Stormwater  
Lab Sample ID: D4I1050-01

Collected By: Ed Fratelli/J. Jelley  
Collection Date: 09/11/2024 11:25

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 09/13/24 1606 | 09/16/24 1957 | JSK     |
| Copper                            | 2.99   | 1.64  | 2.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 1957 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 1957 | JSK     |
| Zinc                              | <5.00  | 2.84  | 5.00 | ug/L  | 1  | B1   | 09/13/24 1606 | 09/16/24 1957 | JSK     |

Client Sample ID: Woonasquatucket River WR-B  
Sample Matrix: Stormwater  
Lab Sample ID: D4I1050-02

Collected By: Ed Fratelli/J. Jelley  
Collection Date: 09/11/2024 11:07

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 09/13/24 1606 | 09/16/24 2008 | JSK     |
| Copper                            | 2.23   | 1.64  | 2.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2008 | JSK     |
| Lead                              | 4.55   | 2.08  | 3.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2008 | JSK     |
| Zinc                              | 11.2   | 3.16  | 5.56 | ug/L  | 1  |      | 09/19/24 1531 | 09/19/24 1909 | JSK     |

Client Sample ID: Woonasquatucket River WR-C  
Sample Matrix: Stormwater  
Lab Sample ID: D4I1050-03

Collected By: Ed Fratelli/J. Jelley  
Collection Date: 09/11/2024 10:50

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 09/13/24 1606 | 09/16/24 2011 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2011 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2011 | JSK     |
| Zinc                              | <5.00  | 2.84  | 5.00 | ug/L  | 1  |      | 09/19/24 1531 | 09/19/24 1914 | JSK     |

Client Sample ID: Woonasquatucket River WR-E  
Sample Matrix: Stormwater  
Lab Sample ID: D4I1050-05

Collected By: Ed Fratelli/J. Jelley  
Collection Date: 09/11/2024 10:20

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 09/13/24 1606 | 09/16/24 2015 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2015 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2015 | JSK     |
| Zinc                              | <5.00  | 2.84  | 5.00 | ug/L  | 1  | B1   | 09/13/24 1606 | 09/16/24 2015 | JSK     |



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4I1050

Client Sample ID: Woonasquatucket River WR-F

Sample Matrix: Stormwater

Lab Sample ID: D4I1050-06

Collected By: Ed Fratelli/J. Jelley

Collection Date: 09/11/2024 10:08

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 09/13/24 1606 | 09/16/24 2020 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2020 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2020 | JSK     |
| Zinc                              | <5.00  | 2.84  | 5.00 | ug/L  | 1  | B1   | 09/13/24 1606 | 09/16/24 2020 | JSK     |

Client Sample ID: Woonasquatucket River WR-G

Sample Matrix: Stormwater

Lab Sample ID: D4I1050-07

Collected By: Ed Fratelli/J. Jelley

Collection Date: 09/11/2024 10:01

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 09/13/24 1606 | 09/16/24 2032 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2032 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2032 | JSK     |
| Zinc                              | 9.89   | 2.84  | 5.00 | ug/L  | 1  |      | 09/19/24 1531 | 09/19/24 1918 | JSK     |

Client Sample ID: Woonasquatucket River WR-H

Sample Matrix: Stormwater

Lab Sample ID: D4I1050-08

Collected By: Ed Fratelli/J. Jelley

Collection Date: 09/11/2024 9:57

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 09/13/24 1606 | 09/16/24 2037 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2037 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2037 | JSK     |
| Zinc                              | 5.31   | 2.84  | 5.00 | ug/L  | 1  |      | 09/19/24 1531 | 09/19/24 1931 | JSK     |

Client Sample ID: Woonasquatucket River WR-I

Sample Matrix: Stormwater

Lab Sample ID: D4I1050-09

Collected By: Ed Fratelli/J. Jelley

Collection Date: 09/11/2024 9:47

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 09/13/24 1606 | 09/16/24 2041 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2041 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2041 | JSK     |
| Zinc                              | <5.00  | 2.84  | 5.00 | ug/L  | 1  | B1   | 09/13/24 1606 | 09/16/24 2041 | JSK     |



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4I1050

Client Sample ID: Woonasquatucket River WR-WF

Sample Matrix: Stormwater

Lab Sample ID: D4I1050-10

Collected By: Ed Fratelli/J. Jelley

Collection Date: 09/11/2024 10:55

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 09/13/24 1606 | 09/16/24 2024 | JSK     |
| Copper                            | <2.00  | 1.64  | 2.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2024 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 09/13/24 1606 | 09/16/24 2024 | JSK     |
| Zinc                              | <5.00  | 2.84  | 5.00 | ug/L  | 1  | B1   | 09/13/24 1606 | 09/16/24 2024 | JSK     |

Definitions

|       |                                                                                                                                                                   |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B1:   | The target analyte was detected in the method blank at or above the method acceptance criteria. The sample concentration is below the method acceptance criteria. |
| D2:   | Dilution was performed due to insufficient sample.                                                                                                                |
| MCL:  | US EPA Maximum Contaminant Level                                                                                                                                  |
| MDL:  | Minimum Detection Limit                                                                                                                                           |
| RL:   | Reporting Limit                                                                                                                                                   |
| U:    | Not detected. The concentration is below the RL/LOQ.                                                                                                              |
| ug/L: | Micrograms per Liter                                                                                                                                              |

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 5.0°C

Cooler Inspection Checklist

|                                                    |     |                                               |     |
|----------------------------------------------------|-----|-----------------------------------------------|-----|
| Ice Present or not required?                       | Yes | Shipping containers sealed or not required?   | Yes |
| Custody seals intact or not required?              | Yes | Chain of Custody (COC) Present?               | Yes |
| COC includes customer information?                 | Yes | Relinquished and received signature on COC?   | Yes |
| Sample collector identified on COC?                | Yes | Sample type identified on COC?                | Yes |
| Correct type of Containers Received                | Yes | Correct number of containers listed on COC?   | Yes |
| Containers Intact?                                 | Yes | COC includes requested analyses?              | Yes |
| Enough sample volume for indicated tests received? | Yes | Sample labels match COC (Name, Date & Time?)  | Yes |
| Samples arrived within hold time?                  | Yes | Correct preservatives on COC or not required? | Yes |
| Chemical preservations checked or not required?    | Yes | Preservation checks meet method requirements? | Yes |
| VOA vials have zero headspace, or not recd.?       | Yes |                                               |     |

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville  
LAO00346

Rhode Island Department of Health

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.

Reviewed and Approved By:

Melisa L. Montgomery

Quality Assurance Officer

Reported: 09/20/2024 17:24

Microbac Laboratories, Inc. - Dayville

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Microbac Laboratories, Inc.

Copy of Report To



D 4 I 1 0 5 0

Smithfield, Town of

FOR LAB USE ONLY

Lab WO#

Project Manager : Edward Fratelli, EIT

Project Information

PROJECT: Stormwater Sampling

LOCATION: Town of Smithfield, R.I.

ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL

PHONE: 401-233-1041

FAX: 401-233-1091

CUSTOMER: Town fo Smithfield, R.I.

ADDRESS: 64 Farnum Pike Esmond R.I. 02917

DELIVERY:

E-MAIL: efratelli@smithfieldri.com

PHONE: 401-233-1041 FAX: 401-233-1091

BILL TO: Smithfield Engineering Department

ADDRESS: 64 Farnum Pike

PURCHASE ORDER #

ATTENTION: Kathy Connelly

PHONE: 401-233-1041

| Sample Identification       | Date Collected | Time Collected | Sample Type |      | Sample Matrix | Number of Bottles | Analysis |        |      |         |      |  |  |  |  |  | Preservatives |       |     |      |       |
|-----------------------------|----------------|----------------|-------------|------|---------------|-------------------|----------|--------|------|---------|------|--|--|--|--|--|---------------|-------|-----|------|-------|
|                             |                |                | COMPOSITE   | GRAB |               |                   | FECAL    | COPPER | ZINC | CADMIUM | LEAD |  |  |  |  |  | NON-PRES      | HS2O4 | HCL | HNO3 | OTHER |
| Woonasquatucket River WR-A  | 9/11/2024      | 11:25          |             | x    |               | 1                 |          | X      | X    | X       | X    |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-B  | 9/11/2024      | 11:07          |             | x    |               | 1                 |          | X      | X    | X       | X    |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-C  | 9/11/2024      | 10:50          |             | x    |               | 1                 |          | X      | X    | X       | X    |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-D  | 9/11/2024      | DRY            |             | x    |               | 1                 |          | X      | X    | X       | X    |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-E  | 9/11/2024      | 10:20          |             | x    |               | 1                 |          | X      | X    | X       | X    |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-F  | 9/11/2024      | 10:08          |             | x    |               | 1                 |          | X      | X    | X       | X    |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-G  | 9/11/2024      | 10:01          |             | x    |               | 1                 |          | X      | X    | X       | X    |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-H  | 9/11/2024      | 9:57           |             | x    |               | 1                 |          | X      | X    | X       | X    |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-I  | 9/11/2024      | 9:47           |             | x    |               | 1                 |          | X      | X    | X       | X    |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatucket River WR-WF | 9/11/2024      | 10:55          |             | x    |               | 1                 |          | X      | X    | X       | X    |  |  |  |  |  |               |       |     |      |       |

Preserved Upon Receipt

Preservative ID: 242177

Date/Time: 9/11/24 17:30

Initials: JL

| CUSTODY TRANSFER                 | DATE      | TIME  |
|----------------------------------|-----------|-------|
| SAMPLER: E. Fratelli / J. Jelley | 9/11/2024 |       |
| RECEIVED: <i>By Mr</i>           | 9-11-24   | 13:36 |
| RELINQUISHED: <i>By Mr</i>       | 9-11-24   | 15:26 |
| RECEIVED: <i>f. May</i>          | 9/11/24   | 15:20 |
| RELINQUISHED:                    |           |       |
| RECEIVED:                        |           |       |

|                                               |                          |           |                          |           |                          |
|-----------------------------------------------|--------------------------|-----------|--------------------------|-----------|--------------------------|
| TURN AROUND (INDICATE IN CALENDAR DAYS):      |                          |           |                          |           |                          |
| FAX                                           | <input type="checkbox"/> | HARD COPY | <input type="checkbox"/> | E-MAIL    | <input type="checkbox"/> |
| EXPIDATED SERVICE MAY BE SUBJECT TO SURCHARGE |                          |           |                          |           |                          |
| CONDITIONS UPON RECEIPT (CHECK ONE):          |                          |           |                          |           |                          |
| COOLED                                        | <input type="checkbox"/> | AMBIENT   | <input type="checkbox"/> | COMPLIANT | <input type="checkbox"/> |

5.005  
ZM



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4L1994

Project Description

Stormwater Sampling

For:

Ed Fratelli

**Town of Smithfield**

64 Farnum PIKE

Smithfield, RI 02917

---

Director

Ronald L. Warila

Tuesday, December 31, 2024

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc. - Dayville. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

Microbac Laboratories, Inc.

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Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4L1994

**Town of Smithfield**

Ed Fratelli  
64 Farnum PIKE  
Smithfield, RI 02917

**Project Name: Stormwater Sampling**

Project / PO Number: Stormwater Sampling  
Received: 12/19/2024  
Reported: 12/31/2024

---

**Sample Summary Report**

| <u>Sample Name</u>           | <u>Laboratory ID</u> | <u>Client Matrix</u> | <u>Sample Type</u> | <u>Sample Begin</u> | <u>Sample Taken</u> | <u>Lab Received</u> |
|------------------------------|----------------------|----------------------|--------------------|---------------------|---------------------|---------------------|
| Woonasquatuket River<br>WR-A | D4L1994-01           | Stormwater           | Grab               |                     | 12/19/24 11:30      | 12/19/24 15:42      |
| Woonasquatuket River<br>WR-B | D4L1994-02           | Stormwater           | Grab               |                     | 12/19/24 11:16      | 12/19/24 15:42      |
| Woonasquatuket River<br>WR-D | D4L1994-03           | Stormwater           | Grab               |                     | 12/19/24 11:03      | 12/19/24 15:42      |
| Woonasquatuket River<br>WR-G | D4L1994-04           | Stormwater           | Grab               |                     | 12/19/24 10:38      | 12/19/24 15:42      |
| Woonasquatuket River<br>WR-H | D4L1994-05           | Stormwater           | Grab               |                     | 12/19/24 10:34      | 12/19/24 15:42      |



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4L1994

Analytical Testing Parameters

Client Sample ID: Woonasquatuket River WR-A  
Sample Matrix: Stormwater  
Lab Sample ID: D4L1994-01

Collected By: Customer  
Collection Date: 12/19/2024 11:30

| Metals Total by ICP               | Result | MDL  | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |      |      |       |    |      |               |               |         |
| Copper                            | <2.00  | 1.64 | 2.00 | ug/L  | 1  |      | 12/23/24 1449 | 12/24/24 1941 | JSK     |

Client Sample ID: Woonasquatuket River WR-B  
Sample Matrix: Stormwater  
Lab Sample ID: D4L1994-02

Collected By: Customer  
Collection Date: 12/19/2024 11:16

| Metals Total by ICP               | Result | MDL  | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |      |      |       |    |      |               |               |         |
| Copper                            | 2.29   | 1.64 | 2.00 | ug/L  | 1  |      | 12/23/24 1449 | 12/26/24 1538 | JSK     |
| Lead                              | <3.00  | 2.08 | 3.00 | ug/L  | 1  |      | 12/23/24 1449 | 12/24/24 1954 | JSK     |
| Zinc                              | <5.00  | 2.84 | 5.00 | ug/L  | 1  |      | 12/23/24 1449 | 12/24/24 1954 | JSK     |

Client Sample ID: Woonasquatuket River WR-D  
Sample Matrix: Stormwater  
Lab Sample ID: D4L1994-03

Collected By: Customer  
Collection Date: 12/19/2024 11:03

| Metals Total by ICP               | Result | MDL   | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|-------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |       |      |       |    |      |               |               |         |
| Cadmium                           | <0.100 | 0.100 | 2.00 | ug/L  | 1  | U    | 12/23/24 1449 | 12/24/24 1958 | JSK     |
| Copper                            | 2.71   | 1.64  | 2.00 | ug/L  | 1  |      | 12/23/24 1449 | 12/24/24 1958 | JSK     |
| Lead                              | <3.00  | 2.08  | 3.00 | ug/L  | 1  |      | 12/23/24 1449 | 12/24/24 1958 | JSK     |
| Zinc                              | 19.2   | 2.84  | 5.00 | ug/L  | 1  |      | 12/23/24 1449 | 12/24/24 1958 | JSK     |

Client Sample ID: Woonasquatuket River WR-G  
Sample Matrix: Stormwater  
Lab Sample ID: D4L1994-04

Collected By: Customer  
Collection Date: 12/19/2024 10:38

| Metals Total by ICP               | Result | MDL  | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |      |      |       |    |      |               |               |         |
| Zinc                              | <5.00  | 2.84 | 5.00 | ug/L  | 1  |      | 12/23/24 1449 | 12/24/24 2002 | JSK     |



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4L1994

Client Sample ID: Woonasquatuket River WR-H

Sample Matrix: Stormwater

Lab Sample ID: D4L1994-05

Collected By: Customer

Collection Date: 12/19/2024 10:34

| Metals Total by ICP               | Result | MDL  | RL   | Units | DF | Note | Prepared      | Analyzed      | Analyst |
|-----------------------------------|--------|------|------|-------|----|------|---------------|---------------|---------|
| Method: EPA 200.7, Rv. 4.4 (1994) |        |      |      |       |    |      |               |               |         |
| Zinc                              | 9.96   | 2.84 | 5.00 | ug/L  | 1  |      | 12/23/24 1449 | 12/24/24 2006 | JSK     |

Definitions

|       |                                                      |
|-------|------------------------------------------------------|
| MCL:  | US EPA Maximum Contaminant Level                     |
| MDL:  | Minimum Detection Limit                              |
| RL:   | Reporting Limit                                      |
| U:    | Not detected. The concentration is below the RL/LOQ. |
| ug/L: | Micrograms per Liter                                 |

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 3.1°C

Cooler Inspection Checklist

|                                                    |     |                                               |     |
|----------------------------------------------------|-----|-----------------------------------------------|-----|
| Ice Present or not required?                       | Yes | Shipping containers sealed or not required?   | Yes |
| Custody seals intact or not required?              | Yes | Chain of Custody (COC) Present?               | Yes |
| COC includes customer information?                 | Yes | Relinquished and received signature on COC?   | Yes |
| Sample collector identified on COC?                | Yes | Sample type identified on COC?                | Yes |
| Correct type of Containers Received                | Yes | Correct number of containers listed on COC?   | Yes |
| Containers Intact?                                 | Yes | COC includes requested analyses?              | Yes |
| Enough sample volume for indicated tests received? | Yes | Sample labels match COC (Name, Date & Time?)  | Yes |
| Samples arrived within hold time?                  | Yes | Correct preservatives on COC or not required? | Yes |
| Chemical preservations checked or not required?    | Yes | Preservation checks meet method requirements? | Yes |
| VOA vials have zero headspace, or not recd.?       | Yes |                                               |     |

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville  
LAO00346

Rhode Island Department of Health

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.

Reviewed and Approved By:

Ronald L. Warila

Director

Reported: 12/31/2024 09:45

Microbac Laboratories, Inc. - Dayville

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Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4L1995

Project Description

Stormwater Sampling

For:

Ed Fratelli

**Town of Smithfield**

64 Farnum PIKE

Smithfield, RI 02917

---

Quality Assurance Officer

Melisa L. Montgomery

Monday, December 23, 2024

Re-samples were taken in January 2025.

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc. - Dayville. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

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Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4L1995

Town of Smithfield

Ed Fratelli  
64 Farnum PIKE  
Smithfield, RI 02917

Project Name: Stormwater Sampling

Project / PO Number: Stormwater Sampling  
Received: 12/19/2024  
Reported: 12/23/2024

Sample Summary Report

| <u>Sample Name</u>           | <u>Laboratory ID</u> | <u>Client Matrix</u> | <u>Sample Type</u> | <u>Sample Begin</u> | <u>Sample Taken</u> | <u>Lab Received</u> |
|------------------------------|----------------------|----------------------|--------------------|---------------------|---------------------|---------------------|
| Woonasquatuket River<br>WR-B | D4L1995-01           | Wastewater           | Grab               |                     | 12/19/24 11:16      | 12/19/24 15:42      |
| Woonasquatuket River<br>WR-C | D4L1995-02           | Wastewater           | Grab               |                     | 12/19/24 11:08      | 12/19/24 15:42      |
| Woonasquatuket River<br>WR-D | D4L1995-03           | Wastewater           | Grab               |                     | 12/19/24 11:03      | 12/19/24 15:42      |
| Woonasquatuket River<br>WR-E | D4L1995-04           | Wastewater           | Grab               |                     | 12/19/24 10:52      | 12/19/24 15:42      |
| Woonasquatuket River<br>WR-F | D4L1995-05           | Wastewater           | Grab               |                     | 12/19/24 10:44      | 12/19/24 15:42      |
| Woonasquatuket River<br>WR-G | D4L1995-06           | Wastewater           | Grab               |                     | 12/19/24 10:38      | 12/19/24 15:42      |

Re-samples were taken in January 2025.



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4L1995

Analytical Testing Parameters

Client Sample ID: Woonasquatuket River WR-B  
Sample Matrix: Wastewater  
Lab Sample ID: D4L1995-01

Collected By: Customer  
Collection Date: 12/19/2024 11:16

| Microbiology                     | Result | MDL | RL  | Units     | DF  | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|-----|-----------|-----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |     |           |     |      |               |               |         |
| Fecal coliforms                  | 4300   |     | 100 | cfu/100mL | 100 |      | 12/19/24 1720 | 12/20/24 1526 | MGP     |

Client Sample ID: Woonasquatuket River WR-C  
Sample Matrix: Wastewater  
Lab Sample ID: D4L1995-02

Collected By: Customer  
Collection Date: 12/19/2024 11:08

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 40     |     | 10 | cfu/100mL | 10 |      | 12/19/24 1720 | 12/20/24 1526 | MGP     |

Client Sample ID: Woonasquatuket River WR-D  
Sample Matrix: Wastewater  
Lab Sample ID: D4L1995-03

Collected By: Customer  
Collection Date: 12/19/2024 11:03

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 70     |     | 10 | cfu/100mL | 10 |      | 12/19/24 1720 | 12/20/24 1526 | MGP     |

Client Sample ID: Woonasquatuket River WR-E  
Sample Matrix: Wastewater  
Lab Sample ID: D4L1995-04

Collected By: Customer  
Collection Date: 12/19/2024 10:52

| Microbiology                     | Result | MDL | RL  | Units     | DF  | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|-----|-----------|-----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |     |           |     |      |               |               |         |
| Fecal coliforms                  | 4200   |     | 100 | cfu/100mL | 100 |      | 12/19/24 1720 | 12/20/24 1526 | MGP     |

Client Sample ID: Woonasquatuket River WR-F  
Sample Matrix: Wastewater  
Lab Sample ID: D4L1995-05

Collected By: Customer  
Collection Date: 12/19/2024 10:44

| Microbiology                     | Result | MDL | RL  | Units     | DF  | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|-----|-----------|-----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |     |           |     |      |               |               |         |
| Fecal coliforms                  | 3500   |     | 100 | cfu/100mL | 100 |      | 12/19/24 1720 | 12/20/24 1526 | MGP     |

Re-samples were taken in January 2025.



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D4L1995

Client Sample ID: Woonasquatuket River WR-G

Sample Matrix: Wastewater

Lab Sample ID: D4L1995-06

Collected By: Customer

Collection Date: 12/19/2024 10:38

| Microbiology                     | Result | MDL | RL | Units     | DF | Note | Prepared      | Analyzed      | Analyst |
|----------------------------------|--------|-----|----|-----------|----|------|---------------|---------------|---------|
| Method: Micro - W/SM 9222 D-2015 |        |     |    |           |    |      |               |               |         |
| Fecal coliforms                  | 1940   |     | 10 | cfu/100mL | 10 |      | 12/19/24 1720 | 12/20/24 1526 | MGP     |

Definitions

cfu/100mL: Colony Forming Units per 100 Milliliters

RL: Reporting Limit

Cooler Receipt Log

Cooler ID: Default Cooler

Temp: 3.1°C

Cooler Inspection Checklist

|                                                    |     |                                               |     |
|----------------------------------------------------|-----|-----------------------------------------------|-----|
| Ice Present or not required?                       | Yes | Shipping containers sealed or not required?   | Yes |
| Custody seals intact or not required?              | Yes | Chain of Custody (COC) Present?               | Yes |
| COC includes customer information?                 | Yes | Relinquished and received signature on COC?   | Yes |
| Sample collector identified on COC?                | Yes | Sample type identified on COC?                | Yes |
| Correct type of Containers Received                | Yes | Correct number of containers listed on COC?   | Yes |
| Containers Intact?                                 | Yes | COC includes requested analyses?              | Yes |
| Enough sample volume for indicated tests received? | Yes | Sample labels match COC (Name, Date & Time?)  | Yes |
| Samples arrived within hold time?                  | Yes | Correct preservatives on COC or not required? | Yes |
| Chemical preservations checked or not required?    | Yes | Preservation checks meet method requirements? | Yes |
| VOA vials have zero headspace, or not recd.?       | Yes |                                               |     |

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville  
LAO00346

Rhode Island Department of Health

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.

Reviewed and Approved By:

Melisa L. Montgomery

Quality Assurance Officer

Reported: 12/23/2024 13:54

Microbac Laboratories, Inc. - Dayville

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Page 4 of 5



Microbac Laboratories, Inc.

Copy of Report To



D 4 L 1 9 9 5

Smithfield, Town of

FOR LAB USE ONLY

Lab WO#

Project Manager : Edward Fratelli, EIT

Project Information

PROJECT: Stormwater Sampling

LOCATION: Town of Smithfield

ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL

PHONE: 401-233-1041

FAX: 401-233-1091

CUSTOMER: Town of Smithfield, R.I.

ADDRESS: 64 Farnum Pike Esmond, R.I. 02917

DELIVERY:

E-MAIL: efratelli@smithfieldri.com

PHONE: 401-233-1041 FAX: 401-233-1091

BILL TO: Smithfield Engineering Department

ADDRESS: 64 Farnum Pike

PURCHASE ORDER #

ATTENTION: Jennifer Carrera

PHONE: 401-233-1041

| Sample Identification     | Date Collected | AM<br>Time Collected | Sample Type |      | Sample Matrix | Number of Bottles | Analysis |         |        |      |      |  |  |  |  |  | Preservatives |       |     |      |       |
|---------------------------|----------------|----------------------|-------------|------|---------------|-------------------|----------|---------|--------|------|------|--|--|--|--|--|---------------|-------|-----|------|-------|
|                           |                |                      | COMPOSITE   | GRAB |               |                   | FECAL    | CADMIUM | COPPER | LEAD | ZINC |  |  |  |  |  | NON-PRES      | HS2O4 | HCL | HNO3 | OTHER |
| Woonasquatuket River WR-B | 12/19          | 11:16                |             | X    |               | 1                 | x        |         |        |      |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatuket River WR-C | 12/19          | 11:08                |             | X    |               | 1                 | x        |         |        |      |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatuket River WR-D | 12/19          | 11:03                |             | X    |               | 1                 | x        |         |        |      |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatuket River WR-E | 12/19          | 10:52                |             | X    |               | 1                 | x        |         |        |      |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatuket River WR-F | 12/19          | 10:44                |             | X    |               | 1                 | x        |         |        |      |      |  |  |  |  |  | x             |       |     |      |       |
| Woonasquatuket River WR-G | 12/19          | 10:32                |             | X    |               | 1                 | x        |         |        |      |      |  |  |  |  |  | x             |       |     |      |       |
|                           |                |                      |             |      |               |                   |          |         |        |      |      |  |  |  |  |  |               |       |     |      |       |
|                           |                |                      |             | X    |               |                   |          |         |        |      |      |  |  |  |  |  |               |       |     |      |       |
|                           |                |                      |             | X    |               |                   |          |         |        |      |      |  |  |  |  |  |               |       |     |      |       |
|                           |                |                      |             | X    |               |                   |          |         |        |      |      |  |  |  |  |  |               |       |     |      |       |
|                           |                |                      |             | X    |               |                   |          |         |        |      |      |  |  |  |  |  |               |       |     |      |       |
|                           |                |                      |             | X    |               |                   |          |         |        |      |      |  |  |  |  |  |               |       |     |      |       |

| CUSTODY TRANSFER |                    | DATE       | TIME    |
|------------------|--------------------|------------|---------|
| SAMPLER:         | ERF/33             | 12/19/2024 |         |
| RECEIVED:        |                    |            |         |
| RELINQUISHED:    | <i>[Signature]</i> | 12/19/2024 | 2:44 pm |
| RECEIVED:        | <i>[Signature]</i> | 12-19-24   | 14:44   |
| RELINQUISHED:    | <i>[Signature]</i> | 12-19-24   | 15:42   |
| RECEIVED:        | <i>[Signature]</i> | 12/19/24   | 15:42   |

TURN AROUND (INDICATE IN CALENDAR DAYS):

FAX



HARD COPY



E-MAIL



EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

COMMENTS:

CONDITIONS UPON RECEIPT (CHECK ONE):

COMPLIANT



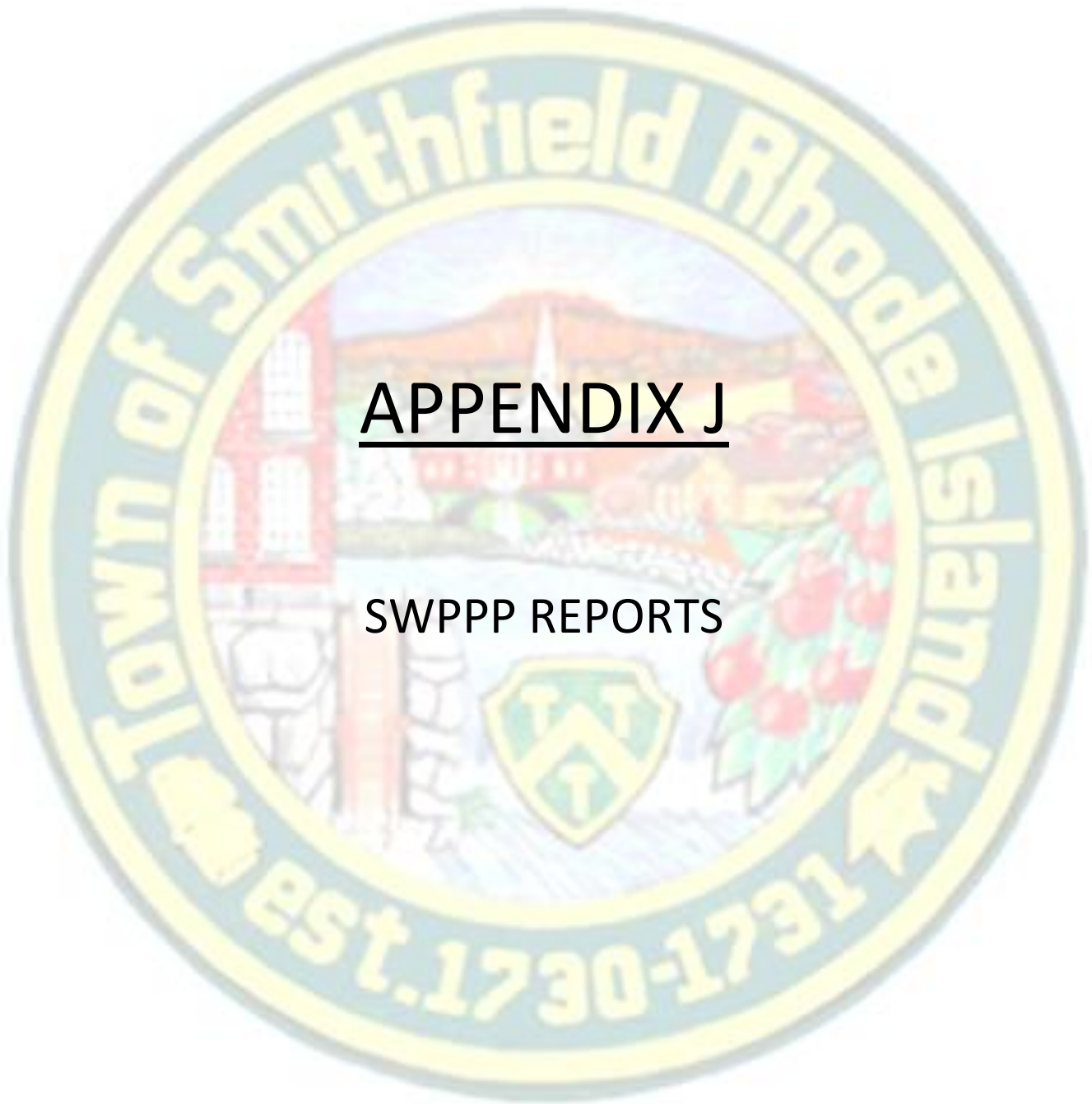
COOLED



AMBIENT



3.1°C 140.1R1



## APPENDIX J

### SWPPP REPORTS

## SWPPP Inspection Report Old County Village

| Project Information                          |                                                                                                                                                                                                                          |                       |                                  |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------|
| Project Name                                 | Old County Village Condominiums                                                                                                                                                                                          |                       |                                  |
| Location                                     | Old County Road AP 32, Lots 8 & 30 – 190/192 Old County Road                                                                                                                                                             |                       |                                  |
| DEM Permit No.                               | Wetlands: 18-0174    RIPDES: RIR 101778                                                                                                                                                                                  |                       |                                  |
| Site Owner                                   | Shawn A. Jorde                                                                                                                                                                                                           | Phone<br>508.254.3552 | Email                            |
| Contractor/Developer                         | Celtic Funding                                                                                                                                                                                                           | Phone: 508.509.2652   | Email                            |
| Inspection Information                       |                                                                                                                                                                                                                          |                       |                                  |
| Inspector (name & certification)             | Edward Fratelli, EIT                                                                                                                                                                                                     | Phone 401.233.1041    | Email efratelli@smithfieldri.com |
| Inspection Date                              | April 9, 2024                                                                                                                                                                                                            | Start/End Time        | 10:37 AM / 11:06 AM              |
| Inspection Type                              | <div style="display: flex; justify-content: space-between; padding: 0;"> <span><b>Weekly</b></span> <span>Pre-storm event</span> <span>During storm event</span> <span>Post-storm event</span> <span>Other</span> </div> |                       |                                  |
| Weather Information                          |                                                                                                                                                                                                                          |                       |                                  |
| Last Rain Event                              | <div style="display: flex; justify-content: space-between; padding: 0;"> <span>Date: 4/7/2024</span> <span>Duration (hrs):</span> <span>Approximate Rainfall (in): 0.13</span> </div>                                    |                       |                                  |
| Rain Gauge Greenville 2.6 WSW                |                                                                                                                                                                                                                          |                       |                                  |
| Weather at time of this inspection: Overcast |                                                                                                                                                                                                                          |                       |                                  |

**Certification statement:**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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, 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."

**Inspector:**

**Print Name:** Edward R. Fratelli

**Signature:**  **Date:** April 9, 2024

**Construction Activity:** Contractor continued installation of storm drainage CB#5 to CB#7. All soil erosion and sediment control devices appeared to be properly installed (including sedimentation basin).

| EROSION<br>BMP | AND SEDIMENTATION<br>INSPECTION                                                                           | Installed & Operating<br>correctly?                                                              | CORRECTIVE ACTION / COMMENTS |
|----------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------|
| 1              | Are Limits of Disturbance clearly marked?                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 2              | Are natural resource areas (e.g., streams, wetlands, trees, etc) protected with barriers or similar BMPs? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 3              | Is construction sequencing being followed?                                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 4              | Are structural BMPs properly installed to control stormwater flow on the construction site?               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 5              | Is clearing/grubbing only occurring in areas that will have active work within 21 days?                   | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                              |
| 6              | Do unstabilized areas have appropriate controls in place?                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 7              | Are all slopes protected from concentrated stormwater flow?                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 8              | Are storm drain inlets properly protected?                                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                              |
| 9              | Are storm drain outfalls properly protected?                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                              |
| 10             | Are perimeter controls and sediment barriers adequately installed and maintained?                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 11             | Are discharge points and receiving waters free of sediment deposits?                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 12             | Is weather forecast being checked regularly?                                                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |

DATE: April 9, 2024

| GOOD BMP | HOUSEKEEPING INSPECTION                                                                                                                                          | Installed & Operating correctly?                                                                 | CORRECTIVE ACTION / COMMENTS               |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------|
| 13       | Are BMPs effectively limiting sediment from being tracked into the street?                                                                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                            |
| 14       | Is trash from work areas collected and placed in covered containers regularly?                                                                                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                            |
| 15       | Are on-site equipment, vehicles, containers, and storage areas free from leaks?                                                                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Construction staging Area on Approved Plan |
| 16       | Are materials that are potential stormwater contaminants stored inside or under cover?                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                                            |
| 17       | Are non-stormwater discharges free from contamination?                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                                            |
| 18       | Are stockpiles covered (either w/temporary vegetation or tarps), ringed w/barrier BMPs, and located at least 50-ft away from natural resources and storm drains? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                            |
| 19       | Are washout facilities (paint, concrete) available, clearly marked, and maintained and located at least 50-ft away from natural resources and storm drains?      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Location designated on Approved Plan       |
| 20       | Are vehicle and equipment fueling, cleaning, and maintenance areas free from leaks and located at least 50-ft away from natural resources and storm drains?      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                            |
| 21       | Is dust being controlled on site?                                                                                                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                            |
| 22       | Is sweeping being used to keep sediment off roads and parking lots?                                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                                            |

| PROCEDURAL<br>BMP INSPECTION |                                                                           | Installed & Operating<br>correctly?                                                              | CORRECTIVE ACTION / COMMENTS |
|------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------|
| 23                           | Are permanent BMPs being protected during the active construction phase?  | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                              |
| 24                           | Are all structural BMPs being properly maintained?                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 25                           | Are inspections taking place every 7-days & after storm events?           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 26                           | Have previous Corre Actions been initiated & completed by the Contractor? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                              |
| 27                           | Are SWPPP Amendments being logged?                                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |

# SWPPP Inspection Report

| Project Information                                                                                                                                                                                                         |                                                                 |                |                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|----------------------|
| Name/Location                                                                                                                                                                                                               | Bryant University – AP 49 – Lot 125 – Apartment Housing Project |                |                      |
| Contractor                                                                                                                                                                                                                  | BOND Construction Company                                       |                |                      |
| Sub-Contractor                                                                                                                                                                                                              | DiGregorio Construction Company                                 |                |                      |
| Inspection Information                                                                                                                                                                                                      |                                                                 |                |                      |
| Inspector                                                                                                                                                                                                                   | Edward Fratelli, EIT                                            |                |                      |
| Inspection Date                                                                                                                                                                                                             | September 25, 2024                                              | Start/End Time | 11: 00 AM / 11:24 AM |
| <b>Inspection Type</b><br><input type="checkbox"/> Weekly <input type="checkbox"/> Pre-storm event <input type="checkbox"/> During storm event <input type="checkbox"/> Post-storm event <input type="checkbox"/> Violation |                                                                 |                |                      |
| Weather Information                                                                                                                                                                                                         |                                                                 |                |                      |
| <b>Last Rain Event</b><br>Date: 09/21/2024                      Duration (hrs): 24                      Approximate Rainfall (in): 0.5                                                                                      |                                                                 |                |                      |
| <b>Current Weather at time of this inspection: overcast</b>                                                                                                                                                                 |                                                                 |                |                      |
| <b>Weather Forecast at time of this inspection:</b> (when is next precipitation or wind event anticipated?) Rain                                                                                                            |                                                                 |                |                      |

| Certification Statements                                                                                                                                                                                                                                                                                          |                                                                                                    |                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------|
| <b>Inspector:</b> (check one)<br><input type="checkbox"/> I, as the designated Inspector, certify that this site has been inspected and is in compliance with the site-specific SWPPP.                                                                                                                            |                                                                                                    |                    |
| <input type="checkbox"/> I, as the designated Inspector, certify that this site has been inspected and I have made the determination that the site requires corrective actions before it will be compliant with the site-specific SWPPP. The required corrective actions are noted within this inspection report. |                                                                                                    |                    |
| Print Name:<br>Edward Fratelli , EIT                                                                                                                                                                                                                                                                              | Signature:<br> | Date:<br>9/26/2024 |
| <b>Contractor:</b><br>I, the designated Contractor representative, acknowledge the receipt of this SWPPP inspection report, and understand the requirements set forth regarding the implementation and maintenance of erosion and sedimentation controls.                                                         |                                                                                                    |                    |
| Print Name:                                                                                                                                                                                                                                                                                                       | Signature:                                                                                         | Date:              |

| EROSION AND SEDIMENTATION<br>BMP INSPECTION |                                                                                                                          | Installed &<br>Operating<br>correctly?                                                                         | CORRECTIVE ACTION |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------|
| 1                                           | Are <b>Limits of Disturbance</b> clearly marked?                                                                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/><br><input checked="" type="checkbox"/> N/A |                   |
| 2                                           | Are <b>natural resource areas</b> (e.g., streams, wetlands, trees, etc.) <u>protected</u> with barriers or similar BMPs? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A            |                   |
| 3                                           | Is <b>construction sequencing</b> being followed?                                                                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A            |                   |
| 4                                           | Are <b>structural BMPs</b> properly installed to <u>control stormwater flow</u> on the construction site?                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A            |                   |
| 5                                           | Is <b>clearing/grubbing</b> only occurring in areas that will have <u>active work</u> within 21-days?                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input checked="" type="checkbox"/> N/A |                   |
| 6                                           | Is <b>clearing/grubbing</b> taking place inside the <u>Apr 15 - Oct 15</u> window?                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> N/A            |                   |
| 7                                           | Do <b>unstabilized areas</b> have appropriate <u>controls</u> in place?                                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A            |                   |
| 8                                           | Are all <b>slopes</b> <u>protected</u> from concentrated stormwater flow?                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A            |                   |
| 9                                           | Are storm drain <b>inlets</b> properly <u>protected</u> ?                                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A            |                   |
| 10                                          | Are storm drain <b>outfalls</b> properly <u>protected</u> ?                                                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A            |                   |
| 11                                          | Are <b>perimeter controls</b> and sediment barriers adequately <u>installed and maintained</u> ?                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A            |                   |
| 12                                          | Are discharge points and <b>receiving waters</b> <u>free of sediment</u> deposits?                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A            |                   |
| 13                                          | Is <b>weather</b> forecast being <u>checked</u> regularly?                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A            |                   |

Notes: Activity consist of steel erection and other building related activities, construction layout of detention pond. All Sediment control appeared to be intact.

| GOOD HOUSEKEEPING<br>BMP INSPECTION |                                                                                                                                                                                                      | Installed &<br>Operating<br>correctly?                                                              | CORRECTIVE ACTION |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------|
| 14                                  | Are BMPs effectively limiting <b>sediment</b> from being <u>tracked</u> into the street?                                                                                                             | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 15                                  | Is <b>trash/litter</b> from work areas collected and placed in <u>covered</u> containers regularly?                                                                                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 16                                  | Are on-site <b>equipment</b> , vehicles, containers, and storage areas free from <u>leaks</u> ?                                                                                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 17                                  | Are <b>materials</b> that are potential stormwater contaminants <u>stored</u> inside or under cover?                                                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 18                                  | Are <b>non-storm water discharges</b> free from <u>contamination</u> ?                                                                                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 19                                  | Are <b>stockpiles</b> <u>covered</u> (either with temporary vegetation or tarps), <u>ringed</u> with barrier BMPs, and <u>located</u> at least 50 feet away from natural resources and storm drains? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 20                                  | Are <b>washout facilities</b> (e.g. paint, concrete) <u>available</u> , clearly <u>marked</u> , and maintained and <u>located</u> at least 50-feet away from natural resources and storm drains?     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 21                                  | Are <b>vehicle and equipment</b> fueling, cleaning, and maintenance areas <u>free from leaks</u> and <u>located</u> at least 50-feet away from natural resources and storm drains?                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 22                                  | Is <b>dust</b> being <u>controlled</u> on-site?                                                                                                                                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 23                                  | Is <b>sweeping</b> being <u>used</u> to keep sediment off roads and parking lots?                                                                                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |

| PROCEDURAL<br>BMP INSPECTION |                                                                                                  | Installed &<br>Operating<br>correctly?                                                              | Corrective Action |
|------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------|
| 24                           | Are <b>permanent BMPs</b> being <u>protected</u> during the active construction phase?           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 25                           | Are all <b>structural BMPs</b> being properly maintained?                                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |                   |
| 26                           | Are <b>inspections</b> taking place every 7-days & after storm events?                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |                   |
| 27                           | Have previous <b>Corrective Actions</b> been <u>initiated &amp; completed</u> by the Contractor? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 28                           | Are SWPPP <b>Amendments</b> being <u>logged</u> ?                                                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |



# SWPPP Inspection Report

| Project Information                                                                                  |                                                                                                                                                                                                   |                                         |                        |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------|
| Name/Location                                                                                        | Bryant University – AP 49 – Lot 125 New Athletic Field House                                                                                                                                      |                                         |                        |
| Contractor                                                                                           | Gilbane Building Company, Inc.                                                                                                                                                                    |                                         |                        |
| Sub-Contractor                                                                                       | DiGregorio Construction, Inc.                                                                                                                                                                     |                                         |                        |
| Inspection Information                                                                               |                                                                                                                                                                                                   |                                         |                        |
| Inspector                                                                                            | Edward Fratelli, EIT                                                                                                                                                                              |                                         |                        |
| Inspection Date                                                                                      | October 22, 2024                                                                                                                                                                                  | Start/End Time                          | 11: 10 AM / 12:00 Noon |
| Inspection Type                                                                                      | <input type="checkbox"/> Weekly <input type="checkbox"/> Pre-storm event <input type="checkbox"/> During storm event <input type="checkbox"/> Post-storm event <input type="checkbox"/> Violation |                                         |                        |
| Weather Information                                                                                  |                                                                                                                                                                                                   |                                         |                        |
| Last Rain Event                                                                                      |                                                                                                                                                                                                   |                                         |                        |
| Date: 10/15/2024                                                                                     | Duration (hrs):                                                                                                                                                                                   | Approximate Rainfall (in): Trace Amount |                        |
| Current Weather at time of this inspection: Sunny                                                    |                                                                                                                                                                                                   |                                         |                        |
| Weather Forecast at time of this inspection: (when is next precipitation or wind event anticipated?) |                                                                                                                                                                                                   |                                         |                        |

| Certification Statements                                                                                                                                                                                                                                                                                          |                                                                                                    |                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------|
| <b>Inspector:</b> (check one)<br><input checked="" type="checkbox"/> I, as the designated Inspector, certify that this site has been inspected and is in compliance with the site-specific SWPPP.                                                                                                                 |                                                                                                    |                    |
| <input type="checkbox"/> I, as the designated Inspector, certify that this site has been inspected and I have made the determination that the site requires corrective actions before it will be compliant with the site-specific SWPPP. The required corrective actions are noted within this inspection report. |                                                                                                    |                    |
| Print Name:<br>Edward Fratelli                                                                                                                                                                                                                                                                                    | Signature:<br> | Date:<br>11/7/2024 |
| <b>Contractor:</b><br>I, the designated Contractor representative, acknowledge the receipt of this SWPPP inspection report, and understand the requirements set forth regarding the implementation and maintenance of erosion and sedimentation controls.                                                         |                                                                                                    |                    |
| Print Name:                                                                                                                                                                                                                                                                                                       | Signature:                                                                                         | Date:              |

## Project: Bryant University – New Athletic Field House

Date October 22, 2024

| EROSION AND SEDIMENTATION<br>BMP INSPECTION |                                                                                                                          | Installed &<br>Operating correctly?                                                                                          | CORRECTIVE ACTION |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 1                                           | Are <b>Limits of Disturbance</b> clearly marked?                                                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 2                                           | Are <b>natural resource areas</b> (e.g., streams, wetlands, trees, etc.) <u>protected</u> with barriers or similar BMPs? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 3                                           | Is <b>construction sequencing</b> being followed?                                                                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 4                                           | Are <b>structural BMPs</b> properly installed to <u>control stormwater flow</u> on the construction site?                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 5                                           | Is <b>clearing/grubbing</b> only occurring in areas that will have <u>active work</u> within 21-days?                    | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> N/A                          |                   |
| 6                                           | Is <b>clearing/grubbing</b> taking place inside the <u>Apr 15 - Oct 15</u> window?                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> N/A                          |                   |
| 7                                           | Do <b>unstabilized areas</b> have appropriate <u>controls</u> in place?                                                  | <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 8                                           | Are all <b>slopes</b> protected from concentrated stormwater flow?                                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 9                                           | Are storm drain <b>inlets</b> properly <u>protected</u> ?                                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 10                                          | Are storm drain <b>outfalls</b> properly <u>protected</u> ?                                                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 11                                          | Are <b>perimeter controls</b> and sediment barriers adequately <u>installed and maintained</u> ?                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 12                                          | Are discharge points and <b>receiving waters</b> <u>free of sediment</u> deposits?                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 13                                          | Is <b>weather</b> forecast being <u>checked</u> regularly?                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |

Notes on Erosion and Sediment Controls: All Sediment control (Silt Sock & Siltsacks) have been installed per the approved plan.

| GOOD HOUSEKEEPING<br>BMP INSPECTION |                                                                                                                                                                                                      | Installed &<br>Operating<br>correctly?                                                                                                     | CORRECTIVE ACTION |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 14                                  | Are BMPs effectively limiting <b>sediment</b> from being <u>tracked</u> into the street?                                                                                                             | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> <input type="checkbox"/><br>N/A |                   |
| 15                                  | Is <b>trash/litter</b> from work areas collected and placed in <u>covered</u> containers regularly?                                                                                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 16                                  | Are on-site <b>equipment</b> , vehicles, containers, and storage areas <u>free from leaks</u> ?                                                                                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 17                                  | Are <b>materials</b> that are potential stormwater contaminants <u>stored</u> inside or under cover?                                                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 18                                  | Are <b>non-storm water discharges</b> free from <u>contamination</u> ?                                                                                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 19                                  | Are <b>stockpiles</b> <u>covered</u> (either with temporary vegetation or tarps), <u>ringed</u> with barrier BMPs, and <u>located</u> at least 50 feet away from natural resources and storm drains? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 20                                  | Are <b>washout facilities</b> (e.g. paint, concrete) <u>available</u> , clearly <u>marked</u> , and maintained and <u>located</u> at least 50-feet away from natural resources and storm drains?     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 21                                  | Are <b>vehicle and equipment</b> fueling, cleaning, and maintenance areas <u>free from leaks</u> and <u>located</u> at least 50-feet away from natural resources and storm drains?                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 22                                  | Is <b>dust</b> being <u>controlled</u> on-site?                                                                                                                                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 23                                  | Is <b>sweeping</b> being <u>used</u> to keep sediment off roads and parking lots?                                                                                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |

| PROCEDURAL<br>BMP INSPECTION |                                                                                                  | Installed &<br>Operating<br>correctly?                                                              | Corrective Action |
|------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------|
| 24                           | Are <b>permanent BMPs</b> being <u>protected</u> during the active construction phase?           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 25                           | Are all <b>structural BMPs</b> being properly <u>maintained</u> ?                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |                   |
| 26                           | Are <b>inspections</b> taking place every 7-days & after storm events?                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                 |                   |
| 27                           | Have previous <b>Corrective Actions</b> been <u>initiated &amp; completed</u> by the Contractor? | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> N/A |                   |
| 28                           | Are SWPPP <b>Amendments</b> being <u>logged</u> ?                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |



# SWPPP Inspection Report

| Project Information                                                                                                                           |                                                                                                                                                                                                              |                |                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|
| Name/Location                                                                                                                                 | Bryant University – AP 49 – Lot 125 – Apartment Housing Project                                                                                                                                              |                |                      |
| Contractor                                                                                                                                    | BOND Construction Company                                                                                                                                                                                    |                |                      |
| Sub-Contractor                                                                                                                                | DiGregorio Construction Company                                                                                                                                                                              |                |                      |
| Inspection Information                                                                                                                        |                                                                                                                                                                                                              |                |                      |
| Inspector                                                                                                                                     | Edward Fratelli, EIT                                                                                                                                                                                         |                |                      |
| Inspection Date                                                                                                                               | November 13, 2024                                                                                                                                                                                            | Start/End Time | 11: 00 AM / 11:40 AM |
| Inspection Type                                                                                                                               | <input checked="" type="checkbox"/> Weekly <input type="checkbox"/> Pre-storm event <input type="checkbox"/> During storm event <input type="checkbox"/> Post-storm event <input type="checkbox"/> Violation |                |                      |
| Weather Information                                                                                                                           |                                                                                                                                                                                                              |                |                      |
| <b>Last Rain Event</b><br>Date: 11/11/2024 Greenville 0.7 NNW                Duration (hrs): 6                Approximate Rainfall (in): 0.14 |                                                                                                                                                                                                              |                |                      |
| <b>Current Weather at time of this inspection: Sunny and Clear</b>                                                                            |                                                                                                                                                                                                              |                |                      |
| <b>Weather Forecast at time of this inspection:</b> (when is next precipitation or wind event anticipated?) 11/18/2024                        |                                                                                                                                                                                                              |                |                      |

| Certification Statements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                   |                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------|
| <b>Inspector:</b> (check one)<br><input checked="" type="checkbox"/> I, as the designated Inspector, certify that this site has been inspected and is in compliance with the site-specific SWPPP.<br><br><input type="checkbox"/> I, as the designated Inspector, certify that this site has been inspected and I have made the determination that the site requires corrective actions before it will be compliant with the site-specific SWPPP. The required corrective actions are noted within this inspection report. |                                                                                                   |                     |
| Print Name:<br>Edward Fratelli , EIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Signature:<br> | Date:<br>11-13-2024 |
| <b>Contractor:</b><br>I, the designated Contractor representative, acknowledge the receipt of this SWPPP inspection report, and understand the requirements set forth regarding the implementation and maintenance of erosion and sedimentation controls.                                                                                                                                                                                                                                                                  |                                                                                                   |                     |
| Print Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Signature:                                                                                        | Date:               |

## Project: Bryant University – Apartment Housing

Date: Nov. 13, 2024

| EROSION AND SEDIMENTATION<br>BMP INSPECTION |                                                                                                                          | Installed &<br>Operating<br>correctly?                                                              | CORRECTIVE ACTION |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------|
| 1                                           | Are <b>Limits of Disturbance</b> clearly marked?                                                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 2                                           | Are <b>natural resource areas</b> (e.g., streams, wetlands, trees, etc.) <u>protected</u> with barriers or similar BMPs? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 3                                           | Is <b>construction sequencing</b> being followed?                                                                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 4                                           | Are <b>structural BMPs</b> properly installed to <u>control stormwater flow</u> on the construction site?                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 5                                           | Is <b>clearing/grubbing</b> only occurring in areas that will have <u>active work</u> within 21-days?                    | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> N/A |                   |
| 6                                           | Is <b>clearing/grubbing</b> taking place inside the <u>Apr 15 - Oct 15</u> window?                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> N/A |                   |
| 7                                           | Do <b>unstabilized areas</b> have appropriate <u>controls</u> in place?                                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 8                                           | Are all <b>slopes</b> protected from concentrated stormwater flow?                                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 9                                           | Are storm drain <b>inlets</b> properly <u>protected</u> ?                                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 10                                          | Are storm drain <b>outfalls</b> properly <u>protected</u> ?                                                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 11                                          | Are <b>perimeter controls</b> and sediment barriers adequately <u>installed and maintained</u> ?                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 12                                          | Are discharge points and <b>receiving waters</b> <u>free of sediment</u> deposits?                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 13                                          | Is <b>weather</b> forecast being <u>checked</u> regularly?                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |

Notes: Activity consist of building related activities. Installation of Stormtech system complete. All Sediment control appeared to be intact.

| GOOD HOUSEKEEPING<br>BMP INSPECTION |                                                                                                                                                                                                      | Installed &<br>Operating<br>correctly?                                                              | CORRECTIVE ACTION |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------|
| 14                                  | Are BMPs effectively limiting <b>sediment</b> from being <u>tracked</u> into the street?                                                                                                             | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 15                                  | Is <b>trash/litter</b> from work areas collected and placed in <u>covered</u> containers regularly?                                                                                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 16                                  | Are on-site <b>equipment</b> , vehicles, containers, and storage areas free from leaks?                                                                                                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 17                                  | Are <b>materials</b> that are potential stormwater contaminants <u>stored</u> inside or under cover?                                                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 18                                  | Are <b>non-storm water discharges</b> free from contamination?                                                                                                                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 19                                  | Are <b>stockpiles</b> <u>covered</u> (either with temporary vegetation or tarps), <u>ringed</u> with barrier BMPs, and <u>located</u> at least 50 feet away from natural resources and storm drains? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 20                                  | Are <b>washout facilities</b> (e.g. paint, concrete) <u>available</u> , clearly <u>marked</u> , and maintained and <u>located</u> at least 50-feet away from natural resources and storm drains?     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 21                                  | Are <b>vehicle and equipment</b> fueling, cleaning, and maintenance areas <u>free from leaks</u> and <u>located</u> at least 50-feet away from natural resources and storm drains?                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 22                                  | Is <b>dust</b> being <u>controlled</u> on-site?                                                                                                                                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 23                                  | Is <b>sweeping</b> being <u>used</u> to keep sediment off roads and parking lots?                                                                                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |

| PROCEDURAL<br>BMP INSPECTION |                                                                                                  | Installed &<br>Operating<br>correctly?                                                              | Corrective Action |
|------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------|
| 24                           | Are <b>permanent BMPs</b> being <u>protected</u> during the active construction phase?           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 25                           | Are all <b>structural BMPs</b> being properly <u>maintained</u> ?                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |                   |
| 26                           | Are <b>inspections</b> taking place every 7-days & after storm events?                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |                   |
| 27                           | Have previous <b>Corrective Actions</b> been <u>initiated &amp; completed</u> by the Contractor? | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> N/A |                   |
| 28                           | Are SWPPP <b>Amendments</b> being <u>logged</u> ?                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |

## SWPPP Inspection Report

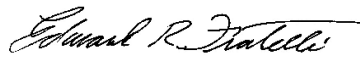
### Sand Trace Apartments and Condominiums

| Project Information                                                                                                                                                                                                                                |                                        |                     |                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------|----------------------------------|
| Project Name                                                                                                                                                                                                                                       | Sand Trace – Apartments / Condominiums |                     |                                  |
| Location                                                                                                                                                                                                                                           | AP 46 Lot 10 8 Mann School Road        |                     |                                  |
| DEM Permit No.                                                                                                                                                                                                                                     | Wetlands: 18-0292 RIPDES: RIR 101826   |                     |                                  |
| Site Owner                                                                                                                                                                                                                                         | Sand Trace , LLC                       | Phone 401- 231-4700 | Email fscustomhomes@yahoo.com    |
| Contractor                                                                                                                                                                                                                                         | Frank Simmonelli                       | Fax 401-232-3203    | Email fscustomhomes@yahoo.com    |
| Inspection Information                                                                                                                                                                                                                             |                                        |                     |                                  |
| Inspector (name & certification)                                                                                                                                                                                                                   | Edward Fratelli, EIT                   | Phone 401.233.1041  | Email efratelli@smithfieldri.com |
| Inspection Date                                                                                                                                                                                                                                    | 11/27/2024                             | Start/End Time      | 12:05 PM / 12:20 PM              |
| <b>Inspection Type</b><br><div style="display: flex; justify-content: space-between; padding: 0;"> <span><b>Weekly</b></span> <span>Pre-storm event</span> <span>During storm event</span> <span>Post-storm event</span> <span>Other</span> </div> |                                        |                     |                                  |
| Weather Information                                                                                                                                                                                                                                |                                        |                     |                                  |
| <b>Last Rain Event</b><br>Date: 11/23/2024      Duration (hrs):      Approximate Rainfall (in): 0.36                                                                                                                                               |                                        |                     |                                  |
| Rain Gauge: Greenville 0.07 NNW                                                                                                                                                                                                                    |                                        |                     |                                  |
| Weather at time of this inspection: Overcast (no precipitation)                                                                                                                                                                                    |                                        |                     |                                  |

**Certification statement:**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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, 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."

**Inspector:**
**Print Name:** Edward Fratelli

**Signature:**

**Date:** November 27, 2024

**Construction**

- o Construction Activity. Sediment Forebay "A" and WQ pond "A" completed per approved plan. All sediment control appeared to be intact.

| EROSION<br>BMP | AND SEDIMENTATION<br>INSPECTION                                                                           | Installed & Operating<br>correctly?                                                              | CORRECTIVE ACTION / COMMENTS |
|----------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------|
| 1              | Are Limits of Disturbance clearly marked?                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 2              | Are natural resource areas (e.g., streams, wetlands, trees, etc) protected with barriers or similar BMPs? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 3              | Is construction sequencing being followed?                                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 4              | Are structural BMPs properly installed to control stormwater flow on the construction site?               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 5              | Is clearing/grubbing only occurring in areas that will have active work within 21 days?                   | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                              |
| 6              | Do unstabilized areas have appropriate controls in place?                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 7              | Are all slopes protected from concentrated stormwater flow?                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 8              | Are storm drain inlets properly protected?                                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                              |
| 9              | Are storm drain outfalls properly protected?                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                              |
| 10             | Are perimeter controls and sediment barriers adequately installed and maintained?                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 11             | Are discharge points and receiving waters free of sediment deposits?                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 12             | Is weather forecast being checked regularly?                                                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |

| GOOD BMP | HOUSEKEEPING INSPECTION                                                                                                                                          | Installed & Operating correctly?                                                                 | CORRECTIVE ACTION / COMMENTS               |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------|
| 13       | Are BMPs effectively limiting sediment from being tracked into the street?                                                                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                            |
| 14       | Is trash from work areas collected and placed in covered containers regularly?                                                                                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                            |
| 15       | Are on-site equipment, vehicles, containers, and storage areas free from leaks?                                                                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Construction staging Area on Approved Plan |
| 16       | Are materials that are potential stormwater contaminants stored inside or under cover?                                                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                            |
| 17       | Are non-stormwater discharges free from contamination?                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                                            |
| 18       | Are stockpiles covered (either w/temporary vegetation or tarps), ringed w/barrier BMPs, and located at least 50-ft away from natural resources and storm drains? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                            |
| 19       | Are washout facilities (paint, concrete) available, clearly marked, and maintained and located at least 50-ft away from natural resources and storm drains?      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Location designated on Approved Plan       |
| 20       | Are vehicle and equipment fueling, cleaning, and maintenance areas free from leaks and located at least 50-ft away from natural resources and storm drains?      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                            |
| 21       | Is dust being controlled on site?                                                                                                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                            |
| 22       | Is sweeping being used to keep sediment off roads and parking lots?                                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                                            |

| PROCEDURAL<br>BMP INSPECTION |                                                                           | Installed & Operating<br>correctly?                                                              | CORRECTIVE ACTION / COMMENTS |
|------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------|
| 23                           | Are permanent BMPs being protected during the active construction phase?  | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                              |
| 24                           | Are all structural BMPs being properly maintained?                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 25                           | Are inspections taking place every 7-days & after storm events?           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |
| 26                           | Have previous Corre Actions been initiated & completed by the Contractor? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                              |
| 27                           | Are SWPPP Amendments being logged?                                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                              |

# SWPPP Inspection Report

| Project Information                                                                                                                                                                                                         |                                                              |                |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|-----------------------|
| Name/Location                                                                                                                                                                                                               | Bryant University – AP 49 – Lot 125 New Athletic Field House |                |                       |
| Contractor                                                                                                                                                                                                                  | Gilbane Building Company, Inc.                               |                |                       |
| Sub-Contractor                                                                                                                                                                                                              | DiGregorio Construction, Inc.                                |                |                       |
| Inspection Information                                                                                                                                                                                                      |                                                              |                |                       |
| Inspector                                                                                                                                                                                                                   | Edward Fratelli, E.I.T.                                      |                |                       |
| Inspection Date                                                                                                                                                                                                             | December 4, 2024                                             | Start/End Time | 10:45 AM / 11:15 Noon |
| <b>Inspection Type</b><br><input type="checkbox"/> Weekly <input type="checkbox"/> Pre-storm event <input type="checkbox"/> During storm event <input type="checkbox"/> Post-storm event <input type="checkbox"/> Violation |                                                              |                |                       |
| Weather Information                                                                                                                                                                                                         |                                                              |                |                       |
| <b>Last Rain Event</b><br>Date: 11/29/2024 Greenville 0.07 NNW                      Duration (hr.)                      Approximate Rainfall (in): 0.02                                                                     |                                                              |                |                       |
| <b>Current Weather at time of this inspection: Sunny and Clear</b>                                                                                                                                                          |                                                              |                |                       |
| <b>Weather Forecast at time of this inspection:</b> (when is next precipitation or wind event anticipated?) 12/5/2024                                                                                                       |                                                              |                |                       |

| Certification Statements                                                                                                                                                                                                                                                                                          |                                                                                                   |                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------|
| <b>Inspector:</b> (check one)<br><input checked="" type="checkbox"/> I, as the designated Inspector, certify that this site has been inspected and is in compliance with the site-specific SWPPP.                                                                                                                 |                                                                                                   |                    |
| <input type="checkbox"/> I, as the designated Inspector, certify that this site has been inspected and I have made the determination that the site requires corrective actions before it will be compliant with the site-specific SWPPP. The required corrective actions are noted within this inspection report. |                                                                                                   |                    |
| Print Name:<br>Edward Fratelli                                                                                                                                                                                                                                                                                    | Signature:<br> | Date:<br>12/4/2024 |
| <b>Contractor:</b><br>I, the designated Contractor representative, acknowledge the receipt of this SWPPP inspection report, and understand the requirements set forth regarding the implementation and maintenance of erosion and sedimentation controls.                                                         |                                                                                                   |                    |
| Print Name:                                                                                                                                                                                                                                                                                                       | Signature:                                                                                        | Date:              |

| EROSION AND SEDIMENTATION BMP INSPECTION |                                                                                                                          | Installed & Operating correctly?                                                                                             | CORRECTIVE ACTION |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 1                                        | Are <b>Limits of Disturbance</b> clearly marked?                                                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 2                                        | Are <b>natural resource areas</b> (e.g., streams, wetlands, trees, etc.) <u>protected</u> with barriers or similar BMPs? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 3                                        | Is <b>construction sequencing</b> being followed?                                                                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 4                                        | Are <b>structural BMPs</b> properly installed to <u>control stormwater flow</u> on the construction site?                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 5                                        | Is <b>clearing/grubbing</b> only occurring in areas that will have <u>active work</u> within 21-days?                    | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> N/A                          |                   |
| 6                                        | Is <b>clearing/grubbing</b> taking place inside the <u>Apr 15 - Oct 15</u> window?                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> N/A                          |                   |
| 7                                        | Do <b>unstabilized areas</b> have appropriate <u>controls</u> in place?                                                  | <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 8                                        | Are all <b>slopes</b> <u>protected</u> from concentrated stormwater flow?                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 9                                        | Are storm drain <b>inlets</b> properly <u>protected</u> ?                                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 10                                       | Are storm drain <b>outfalls</b> properly <u>protected</u> ?                                                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 11                                       | Are <b>perimeter controls</b> and sediment barriers adequately <u>installed and maintained</u> ?                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 12                                       | Are discharge points and <b>receiving waters</b> <u>free of sediment</u> deposits?                                       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |
| 13                                       | Is <b>weather</b> forecast being <u>checked</u> regularly?                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                          |                   |

Construction Activity: Work continued on building, Site contractor (DiGregorio) placing processed gravel in preparation for Bit. Base Course (12/5/2024): All Sediment control appeared to be intact.

| GOOD HOUSEKEEPING<br>BMP INSPECTION |                                                                                                                                                                                                      | Installed &<br>Operating<br>correctly?                                                                                                     | CORRECTIVE ACTION |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 14                                  | Are BMPs effectively limiting <b>sediment</b> from being <u>tracked</u> into the street?                                                                                                             | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> <input type="checkbox"/><br>N/A |                   |
| 15                                  | Is <b>trash/litter</b> from work areas collected and placed in <u>covered</u> containers regularly?                                                                                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 16                                  | Are on-site <b>equipment</b> , vehicles, containers, and storage areas <u>free from leaks</u> ?                                                                                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 17                                  | Are <b>materials</b> that are potential stormwater contaminants <u>stored</u> inside or under cover?                                                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 18                                  | Are <b>non-storm water discharges</b> free from <u>contamination</u> ?                                                                                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 19                                  | Are <b>stockpiles</b> <u>covered</u> (either with temporary vegetation or tarps), <u>ringed</u> with barrier BMPs, and <u>located</u> at least 50 feet away from natural resources and storm drains? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 20                                  | Are <b>washout facilities</b> (e.g. paint, concrete) <u>available</u> , clearly <u>marked</u> , and maintained and <u>located</u> at least 50-feet away from natural resources and storm drains?     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 21                                  | Are <b>vehicle and equipment</b> fueling, cleaning, and maintenance areas <u>free from leaks</u> and <u>located</u> at least 50-feet away from natural resources and storm drains?                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 22                                  | Is <b>dust</b> being <u>controlled</u> on-site?                                                                                                                                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |
| 23                                  | Is <b>sweeping</b> being <u>used</u> to keep sediment off roads and parking lots?                                                                                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A                                        |                   |

| PROCEDURAL<br>BMP INSPECTION |                                                                                                  | Installed &<br>Operating<br>correctly?                                                              | Corrective Action |
|------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------|
| 24                           | Are <b>permanent BMPs</b> being <u>protected</u> during the active construction phase?           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |
| 25                           | Are all <b>structural BMPs</b> being properly <u>maintained</u> ?                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |                   |
| 26                           | Are <b>inspections</b> taking place every 7-days & after storm events?                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |                   |
| 27                           | Have previous <b>Corrective Actions</b> been <u>initiated &amp; completed</u> by the Contractor? | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> N/A |                   |
| 28                           | Are SWPPP <b>Amendments</b> being <u>logged</u> ?                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |                   |