



RHODE ISLAND DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT
Office of Water Resources

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RIPDES SMALL MS4 ANNUAL REPORT

GENERAL INFORMATION PAGE

RIPDES PERMIT #RIR040005

REPORTING PERIOD: ☒ YEAR 19
Jan 2022-Dec 2022

OPERATOR OF MS4

Name: City of Providence – Department of Public Works			
Mailing Address: 700 Allens Ave			
City: Providence	State: RI	Zip: 02905	Phone: (401)-680-7515
Contact Person: Craig Hochman, P.E.	Title: Chief Engineer		
	Email: chochman@providenceri.gov		
Legal status (circle one): PRI - Private PUB - Public BPP - Public/Private STA - State FED – Federal			
Other (please specify):			

OWNER OF MS4 (if different from OPERATOR)

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

CERTIFICATION

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

Print Name Patricia A. Coyne-Fague, Esq.

Print Title Director of Public Works

Signature

Date 3-8-23



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: *Kevin Proft, Deputy Director of Sustainability (kproft@providenceri.gov); Craig Hochman, Chief Engineer (chochman@providenceri.gov); Dave Everett, Principal Planner (deverett@providenceri.gov); Brian Byrnes, Deputy Superintendent of Parks (bbyrnes@providenceri.gov); *Ryan Kopp, Providence Stormwater Innovation Center Director (rkopp@asri.org)

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

The City of Providence works towards stormwater public education through many initiatives in the Parks, Sustainability, and Public Works Departments, as well as the Stormwater Innovation Center (SIC) at Roger Williams Park. The City also collaborates with non-profit organizations including Groundwork RI, the Woonasquatucket River Watershed Council (WRWC), and the Blackstone Parks Conservancy (BPC) on stormwater education and installation and maintenance of Green Infrastructure.

Numerous events were hosted in 2022 at the Stormwater Innovation Center to educate and engage the public. The third annual Rain Harvest Arts festival was held on October 15th at Roger Williams Park, where nearly 400 guests enjoyed events focused on water quality and environmental justice. Numerous tours and workshops on ecology and water quality were run in partnership with local environmental organizations including Save the Bay, Groundwork Rhode Island, and the Woonasquatucket River Watershed Council. More information can be found at: <https://www.stormwaterinnovation.org/rainharvestartsfestival/>

The Parks Department and Stormwater Innovation Center also participated in the University of Rhode Island Coastal Institute's Science Saturday, presenting with an interactive watershed model and cyanobacteria microscope viewing. Numerous Public and Professional Green Infrastructure tours of the Best Management Practices in Roger Williams Park were run in 2022, for student groups from URI, RISD, CCRI, Bryant, local high school students, and for other members of the public. The SIC also organized the storm drain mural project, where students at local schools worked with artists to design and paint storm drain murals. Nine murals were painted in 2022 at local schools including Sophia Academy and New Urban Arts.

The Providence Department of Sustainability has continued to run its Pesticide Free PVD program. Through this program residents and businesses pledge not to use pesticide on their properties. The Sustainability Department also maintains Twitter and Facebook accounts which share information on stormwater pollution measures, proper waste disposal, and energy saving solutions. The City also maintains informational webpages on stormwater, including the Stormwater Innovation Center website (<https://www.stormwaterinnovation.org/>) and the Sustainability Department's Stormwater Page (<https://www.providenceri.gov/sustainability/stormwater-management/>).

Numerous trainings have been hosted on topics such as Green Infrastructure Design, Maintenance, and Construction Oversight, which are recorded and available to the public at <https://www.stormwaterinnovation.org/training>. City staff have also partnered with the EPA Southern New England Program (SNEP) on webinars and trainings for the public and professionals.

The WRWC ran a number of public education programs in 2022. Staff developed signage for the Farm Fresh RI building to educate shoppers about the Green Infrastructure on-site. Over 750 local students from grades 1-11 were taught about local watersheds, focusing on stormwater and water pollution. On May 7th, WRWC ran a rain barrel workshop for residents in Olneyville where fifteen attendees learned to create a 55-gallon rain barrel, decorated them, and learned how to install them on their home gutter system.

The DPW Environmental Division also runs many educational programs for local students by distributing books on recycling, littering, and stormwater. The Division also supports local litter clean-up programs by providing trash bags and picking up litter collected. DPW also partners with local organizations and schools for Earth Day educational programs each year.

The efforts are effective in the focused watersheds. Additional outreach through social media could help share information further to those who may not participate in these events.

IV.B.1.b.2	<p>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.</p>
	<p>The City partners with numerous local non-profits and community groups towards stormwater education, green infrastructure implementation, and community outreach and engagement. In June, the City hosted a public meeting with local residents for the Irving Ave Stormwater Management and Riverbank Restoration Project prior to construction. This meeting was held in partnership with the Blackstone Parks Conservancy and Seekonk River Alliance to inform community members on the project and solicit feedback prior to the event. Throughout the construction period, the City has been in communication with Blackstone Parks Conservancy and Save the Bay staff to communicate progress.</p> <p>The WRWC ran the Nuevas Voces/New Voices program for the third year, training residents in an 8-month program to create new Environmental Justice Leaders. This program trained 22 members on advocacy and leadership skills around environmental justice issues including water quality, climate change and stormwater induced flooding, and urban heat islands. 10 adults were trained through the Green Re-Entry Job Training Program at Garden Time. The graduates developed skills in forestry and earned certifications to gain employment in green jobs. The WRWC will be installing informational signs at Farm Fresh Center and continuing educational programs in school and with local youth.</p> <p>As part of the Comprehensive Plan engagement process, the Department of Sustainability partnered with the Department of Planning and Development, the Woonasquatucket River Watershed Council (WRWC), Nuevas Voces, and the Providence Emergency Management Agency (PEMA) to plan a community event at the Joslin Recreation Center to discuss concerns and solutions regarding climate mitigation and urban planning with Olneyville residents. Olneyville is a frontline community impacted first and worst by severe storms, flooding and extreme heat; we brought together frontline community leaders, non-profits, and stakeholders to discuss existing climate impacts with a focus on flooding, storm water management, infrastructure, emergency/hazard response services, and potential resources such as Resilience Hubs, that would support the community.</p> <p>The City is partnering with the WRWC, Groundwork Providence, Stormwater Innovation Center and the Narragansett Bay Commission (NBC) on the implementation of a SNEP grant to reduce stormwater flows to the NBC system by deploying/maintaining green infrastructure. Primarily focused on maintenance and retrofits of existing installations, the project will engage property owners with large impervious footprints to support the install/upkeep of green infrastructure by education and participation. The program will highlight and celebrate examples of successful green infrastructure (GI) implementation to promote future GI installations, in addition to bring greater awareness of stormwater runoff to the Providence/Pawtucket area.</p>

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
X Construction Sites	Contractors, Developers	Sediment	Ordinance requiring site plans to include SESC and to control runoff
X Pesticide and Fertilizer Application	Residents, Businesses	Pesticides, Nitrogen and Phosphorus Runoff	Webpage, Printed materials, Web news ads and articles, community events, social media
X General Stormwater Management Info	Residents, Students, Neighborhood Groups	General	Direct Engagement, Community Educational Events, City Websites
X Pet Waste Management	Residents	Pet Waste / Fecal Coliforms	Signage and Trash Bags at Parks
X Household Hazardous Waste Disposal	Residents	Hazardous Wastes	Eco-Depot
X Recycling	Residents	Non-Recyclable Waste	Door knockers, Recycling Bin inspections.
<input type="checkbox"/> Illicit Discharge Detection and Elimination			
X Riparian Corridor Protection/Restoration	Residents	Sediment, Flooding	WRWC maintenance and education
X Infrastructure Maintenance	Residents	General	City 311 Reporting System, Direct Engagement
X Trash Management	Residents, Businesses, Waste Haulers	Floatable, Sediment	Hauler License and dumpster minimum standards. Complaint reporting
<input type="checkbox"/> Smart Growth			
<input type="checkbox"/> Vehicle Washing			
X Storm Drain Marking	Students, Residents	General	Painted Murals at schools in partnership with students and artists
X Water Conservation	Residents	General	Rain barrel distribution
X Green Infrastructure/Better Site Design/LID	Residents, Neighborhood Groups, Engineers/Scientists	General, Sediment	Stormwater Convention, Webinars, Park tours, School outreach

Additional Measurable Goals and Activities

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

Providence Stormwater Expo: Craig Hochman, Chief Engineer; Bryant Anderson, Deputy Chief Engineer; Roger Biron, Assistant Chief Engineer; Jason Sall, Civil Engineer; Ian Cullings, Civil Engineer; Chris Martin, Principal Planner; David Everett, Principal Planner; Brian Byrnes, Deputy Parks Superintendent; Ryan Kopp, SIC Director

SNEP Network Technical Assistance, Three (3) Trainings: Dave Everett, Principal Planner; Craig Hochman, Chief Engineer; Ian Cullings, Civil Engineer

Challenges and Opportunities for Green Infrastructure, Stormwater, and Resilience Financing in Rhode Island, SNEP Network: Ian Cullings, Civil Engineer; Brian Byrnes, Deputy Parks Superintendent

Emerging Stormwater Technologies in Rhode Island: Jellyfish Filter, PSIC, Ian Cullings, Civil Engineer



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: *Kevin Proft, Deputy Director of Sustainability (kproft@providenceri.gov), Craig Hochman, Chief Engineer (chochman@providenceri.gov), Dave Everett, Principal Planner (deverett@providenceri.gov), Brian Byrnes, Deputy Superintendent of Parks (bbyrnes@providenceri.gov), *Ryan Kopp, Stormwater Innovation Center Director, (rkopp@providenceri.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.
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The SIC has multiple ongoing programs which involve students and volunteers in water quality sampling and monitoring. Through a partnership with the URI Watershed Watch, volunteers were trained by URI staff on water quality issues and sampling protocols. They then worked to sample 6 locations around Roger Williams Park for water quality markers including Phosphorus and Nitrogen, Dissolved Oxygen and Enterococci. Data is shared publicly at this GIS dashboard: <https://psic.maps.arcgis.com/apps/dashboards/0430627981e94498a11d6fabf4de8724>

The City of Providence has been in active collaboration with the Blackstone Parks Conservancy, Seekonk River Alliance, and Horsley Witten group towards stormwater improvement projects for the York Pond and Seekonk River watershed. This work began with learning about stormwater solutions and developing specific designs for the York Pond watershed to solve flooding and sedimentation issues in the Pond. City staff are now working in partnership with community residents and neighborhood groups on a number of stormwater projects, including design of green infrastructure at the Blackstone Boulevard entrance funded through a Narragansett Bay Estuary Program (NBEP) grant.

The Department of Public Works (DPW) recently awarded a request for proposals for TMDL Implementation Plans for four (4) impaired waterbodies in Providence: The West River, Woonasquatucket River, Mashapaug Pond, and the Roger Williams Park Ponds. As part of this project the City will host public workshops with watershed groups, direct abutters, community and neighborhood groups, and other stakeholders in each of the watersheds to engage residents and rank projects to be included in the Implementation Plan. The city anticipates hosting these workshops and developing the Implementation Plans later in 2023.

In the upcoming reporting cycle, the SIC will continue public outreach programs including the Rain Harvest festival, storm drain marking with local schools, and training volunteers with the Watershed Watch. The SIC is also preparing a training for stormwater maintenance which will be incorporated into the 2023 Stormwater Expo and will host future webinars including an emerging technology talk on the Focal Point bio-filtration system. DPW Environmental will continue with educational programs for local youth and litter cleanups.

Overall, this minimum measure is effective in engaging many audiences and community groups across Providence on stormwater. City programs provide education and opportunities for residents to comment on and work towards data collection and development of Green Infrastructure and other management practices. Non-profits such as Groundwork and the WRWC also provide powerful opportunities for residents to work on stormwater management and build new skills and receive job training. More work will be done in 2023 on outreach to communities for TMDL implementation planning and focus on specific pollutants in each watershed. The City will also work further towards measurable goals including number of events hosted, residents reached through stormwater communications, and volunteers engaged.

PUBLIC INVOLVEMENT/PARTICIPATION cont'd

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

Additional Measurable Goals and Activities

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

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

If YES, Date of Public Notice:
2/17/23

How was public notified:

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

Enter Web Page URL:

<https://www.providenceri.gov/public-works/forms/>
<https://www.stormwaterinnovation.org/reports>
<https://www.facebook.com/stormwaterinnovation/>
https://twitter.com/Sustain_PVD

Was public meeting held? ☐ YES ☒ NO

Date:

Where:

Summary of public comments received:

No comments received.

Planned responses or changes to the program:



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

SECTION I. OVERALL EVALUATION:

GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS

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

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

Responsible Party Contact Name & Title: Craig Hochman, Chief Engineer (chochman@providenceri.gov), *Matt Marcotte, Building Official (Mmarcotte@providenceri.gov)

Has *this person* received training on Illicit Discharge Detection and Elimination (IDDE)? No

If yes, when and where?

If no, who *is* trained on IDDE? The City's consultant, CDM Smith, is trained on IDDE. They provide technical support and training for City employees.

IV.B.3.b.1:	<p>If the outfall map was not completed, use the space below to indicate reasons why, proposed schedule for completion of requirement and person(s)/ Department responsible for completion. (The Department recommends electronic submission of updated EXCEL Tables if this information has been amended.)</p> <p>Number of Outfalls Mapped within regulated area: 151</p> <p>Percent Complete: 100%</p> <p>If 100% Complete, Provide Date of Completion: December 2020</p>
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The outfall map has not been updated since December 2020.

IV.B.3.b.2	Indicate if your municipality chose to implement the tagging of outfalls activity under the IDDE minimum measure, activities and actions undertaken under the 2022 calendar year.
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The city did not implement the tagging of outfalls under the IDDE minimum measure in 2022 calendar year.

IV.B.3.b.3	Use the space below to provide a summary of the implementation of recording of system additional elements (catch basins, manholes, and/or pipes). Indicate if the activity was implemented as a result of the tracing of illicit discharges, new MS4 construction projects, and inspection of catch basins required under the IDDE and Pollution Prevention and Good Housekeeping Minimum Measures, and/or as a result of TMDL related requirements and/or investigations. Assess effectiveness of the program minimizing water quality impacts.
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The City maintains a GIS mapper of the entire Providence sewer and stormwater system, available at <https://cdmsmith.maps.arcgis.com/apps/webappviewer/index.html?id=9d5b1e994a2c4630b1679446889078e1>. In collaboration with CDM Smith, the City's consultant, multiple improvements have been made to quality and function of the GIS mapper in 2022. Catchment areas and watershed delineation were added to the mapper to assist with TMDL planning and watershed analysis. City employees and CDM engineers also conducted field investigations to verify locations of manholes and outfalls where record drawings were insufficient. A layer for Municipal BMPs was also added to the mapper in 2023. This mapper was designed to provide easy access to city as-built drawings, and is used in IDDE investigations, sanitary and stormwater pipe repairs and TMDL planning.

The City also developed a catch basin cleaning and tracking GIS app which was used by vendors in 2022. 497 catch basins in the MS4 regulated area were cleaned and recorded in the calendar year. This app allows the City to track sediment levels and accumulation going forward. DPW is also in the process of implementing an asset management system that would record municipal work orders, such as catch basin and drain line cleaning requests completed by the City Sewer Department. This measure is effective at tracking the Cities infrastructure, more work will be done in 2023 to track and schedule maintenance.

ILLICIT DISCHARGE DETECTION AND ELIMINATION cont'd

IV.B.3.b.4	<p>Indicate if the IDDE ordinance was not developed, adopted, and submitted to RIDEM, explain reasons why, submit proposed schedule for completion and identify person(s) / Department and/or parties responsible for the completion of this requirement.</p> <p>Date of Adoption: 12/08/05</p> <p>If the Ordinance was amended in 2022, please indicate why changes were necessary.</p>
<p>No amendments were made to the IDDE ordinance during the reporting year.</p>	
IV.B.3.b.5.ii, iii, iv, & v	<p>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>
<p>The Department of Public Works Engineering and Sewer Divisions are responsible for tracing an illicit discharge and the Department of Public Works and Department of Inspections and Standards are responsible for removing the source of an illicit discharge.</p> <p>The City works with its sewer/stormwater consultant CDM Smith to identify outfalls with illicit discharge and trace the line upstream until the contaminant is no longer evident. Once the illicit connection is determined to be within a short range of a manhole, closed circuit television (CCTV) is used to identify any connections not on the City's sewer record plans. Once the illicit connection is found, the Chief Engineer sends the responsible party a letter from the City explaining the problem and the requirements to repair it. If no action is taken by the responsible party within a timely manner, the City can plug the illicit connection to discontinue any further contamination. This is all done in accordance with the IDDE Plan developed in 2018.</p> <p>Illicit Discharges which have been identified are prioritized for investigation based on the prioritization spreadsheet approved by RIDEM, included as Appendix E. As outfalls are investigated and new illicit discharges are reported, this spreadsheet is updated accordingly.</p> <p>The city also utilizes a computer-based service request system where residents can report complaints of illicit discharge and sewer odor via phone call, email, or by downloading the City's application, PVD311. The system can generate work orders and will automatically email citizens upon fulfillment of a service request. Such requests are received by the Department of Public Works, Mayor's Center for City Services, and the City Council Office. Illicit discharges may also be reported directly to the Department of Public Works, Engineering Division for further investigation.</p> <p>In the reporting year, 2 complaints were submitted to DPW. The first, an illicit discharge on Public Street was found to be caused by a contaminated brownfields site owned by National Grid. The site is located at 170 Allens Ave and tracked under Site Remediation # SR-28-1020. The oil containment measures, including a stormwater swale are failing a causing a leak to the drain line. This case was referred to National Grid and RIDEM to eliminate and is ongoing.</p> <p>The second complaint was a discharge of sediment to the Woonasquatucket River, reported by DEM. DPW staff assisted DEM with locating the interconnected lines and investigating manholes. The outfall was determined to be a Narragansett Bay Commission (NBC) combined sewer overflow (CSO) and the matter was referred to the NBC to follow up. The sediment was found to be buildup from the river due to tidal flooding of the pipes.</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>Number of Catch Basins and Manholes Inspected for illicit connections/IDDE: 497 in regulated area – 2310 in combined</p> <p>Percent Complete: 6.67 %</p> <p>Date of Completion: 12/31/22</p>

ILLICIT DISCHARGE DETECTION AND ELIMINATION cont'd

In 2022 the city contracted for 884 catch basins, 497 of which are in the MS4 regulated area to be inspected and cleaned. The catch basins were inspected for illicit connections and damage after cleaning. This information was tracked with a GIS collector app and is stored on an online GIS map

(<https://pvdgis.maps.arcgis.com/apps/webappviewer/index.html?id=ee8f03641c544d55aaa8cbd1ab1af1aa>).

The City Sewer division also cleans catch basins throughout the city. During cleaning, a visual inspection is conducted by the operator. If any illicit discharges are observed during cleaning, it is referred to the Engineering Division for investigation and follow-up. In the reporting year, 1426 basins were cleaned across MS4 and combined sewer areas, and no illicit connections were found.

The measurable goal to clean and inspect all structures has not been completed due to lack of funding, equipment, and staff. The City will be hiring more contractors to clean basins in 2023 as part of the TMDL planning process, and developing asset management software to track municipal inspections of catch basins for IDDE and sediment accumulation.

The DPW Sewer and Engineering Divisions are responsible for cleaning and inspecting for illicit discharges.

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. 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.</p> <p>Number of Outfalls Surveyed Jan-Apr: 0 Number of Outfalls Surveyed Jul-Oct: 0</p> <p>Percent Complete: N/A for 2022</p> <p>Date of Completion: June 27th, 2018</p>
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All 151 outfalls were inspected in 2018. Of all the outfalls inspected, 22 were determined to have illicit dry weather flow and were added to the prioritization list for further investigation. In 2018, the first four prioritized outfalls (Mash02, Mosh06, Woon02, and Woon44) were investigated upstream and narrowed down to a target area for CCTV. In the 2020 reporting year another 3 High Intensity Target (HIT) outfalls (Mosh13, Seek01, and SD6) were investigated.

In 2022 twenty-three outfalls, including the remaining outfalls with dry weather flow, were investigated for IDDE. See Appendix E for RIDEM IDDE prioritization spreadsheet updated through 3/2/23. The Department of Public Works, Engineering Division is responsible for dry weather outfall inspections. This measure is effective as all outfalls have been tested, and locations with suspected illicit connections are being systematically investigated and tracked.

IV.B.3.b.7	<p>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>
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DPW received notice from RIDEM of a potential illicit discharge to the Woonasquatucket River. A DPW engineer met with RIDEM staff to open manholes and determine possible sources for the discharge. The outfall was determined to be an NBC outfall and was referred to NBC for further action.

Work is ongoing on the illicit discharge detected at Dixon Street between Providence Parks and RIDOT. The pipe source has been found via CCTV and narrowed down to a few possible addresses. CDM Smith will be conducting dye testing in early 2023 to determine the final source and the City will initiate enforcement.

The City is collaborating with RIDOT on two interconnected outfalls, S-4 and S-5, which both have drainage from Route 6. The City is investigating outfall S-4 for illicit discharges from its connected storm drains, and working with RIDOT on mapping potential sources of the contamination in S-5.

The DPW Engineering Division is responsible for implementing this requirement.

ILLICIT DISCHARGE DETECTION AND ELIMINATION cont'd

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.
<p>In the reporting year, there were no referrals to RIDEM for illicit discharges. Once dye testing is completed on identified outfalls, the City will move forward with enforcement and refer non-compliant sites to RIDEM as needed.</p> <p>The Department of Public Works, Engineering Division is responsible for implementing this measure.</p>	
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>Every year, the Department of Public Works hosts Eco-Depot, which allows residents the opportunity to properly dispose of hazardous household wastes. This event has been very effective.</p> <p>The City Department of Sustainability has made multiple posts on social media informing residents on the hazards of dumping pet waste and other litter to the stormwater system. The Parks Department also maintains signage in dog parks regarding pet waste as well as trash receptacles. In partnership with Save the Bay, many storm drains across the City have been marked with "Don't Dump, Drains to Waterways" stickers to remind residents of the dangers of illegal discharges.</p> <p>This program is effective at informing residents of the hazards associated with discharge of common pollutants to the MS4 system.</p>	
Additional Measurable Goals and Activities	

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

# of Illicit Discharges Identified in 2022: 8	# of Illicit Discharges Tracked in 2022: 9					
# of Illicit Discharges Eliminated in 2022: 0	# of Complaints Received: 2					
# of Complaints Investigated: 2	# of Violations Issued: 0					
# of Violations Resolved: 0	# of Unresolved Violations Referred to RIDEM: 0					
Total # of Illicit Discharges Identified to Date (since 2003): 14	Total # of Illicit Discharges remaining unresolved at the end of 2022: 14					
<p>Summary of Enforcement Actions:</p> <p>23 priority outfalls were investigated in reporting year 2022 and 8 were found to have illicit discharges through sampling for contaminants, in addition to ongoing work on the Dixon Street outfall. Further investigation is ongoing to CCTV the stormwater system leading to the outfall to identify the source of the illicit discharge. Once the source is located the city will take enforcement actions against the owner.</p>						
Total # of Outfalls identified and mapped to date: 151						
Total # of Interconnections with other MS4s identified and mapped to date: 2						
Extent to which the MS4 system has been mapped (% complete): 98% est.						
Identify how the following components of the MS4 system have been mapped:	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%; text-align: center;">Not mapped</td> <td style="width:15%; text-align: center;">GIS</td> <td style="width:15%; text-align: center;">Auto CAD</td> <td style="width:15%; text-align: center;">Paper</td> <td style="width:40%; text-align: center;">Other (please specify)</td> </tr> </table>	Not mapped	GIS	Auto CAD	Paper	Other (please specify)
Not mapped	GIS	Auto CAD	Paper	Other (please specify)		

ILLCIT DISCHARGE DETECTION AND ELIMINATION cont'd

Catch basins	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Manholes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pipes, ditches, and other conduits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Flow direction and connectivity	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Interconnections with other regulated MS4s	<input checked="" type="checkbox"/>	<input 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:
Outfall S-4	1/23/23	Mancini/Buttonhole Drive, Off Rt. 6	RIDOT	Ophelia St and RT. 6 Drainage	City is undertaking IDDE investigation from upstream drainage
Outfall S-5	1/23/23	Mancini/Buttonhole Drive, Off Rt. 6	RIDOT	Rt. 6 Drainage	Coordination meeting with RIDOT



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: *Matt Marcotte, Building Official (Mmarcotte@providenceri.gov), Craig Hochman, Chief Engineer (chochman@providenceri.gov)

IV.B.4.b.1	Indicate if the Sediment and Erosion Control and Control of Other Wastes at Construction Sites ordinance was not developed, adopted, and submitted to RIDEM, explain reasons why, submit proposed schedule for completion and identify person(s) / Department and/or parties responsible for the completion of this requirement. Date of Adoption: <u>12/08/05 (Soil Erosion and Sediment Control – No. 568)</u> If the Ordinance was amended in 2022, please indicate why changes were necessary and provide references to the amended portions of the local codes/ordinances.
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The ordinance was not amended in 2022 and has not been amended based on the 2010 RI Stormwater Design and Installation Standards Manual.

IV.B.4.b.6	Use the space below to describe actions taken as a result of receipt and consideration of information submitted by the public.
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The city maintains a computer-based service request system to receive citizen inquiries and complaints by phone and e-mail. The system can generate work orders and will automatically email citizens upon fulfillment of a service request.

The Department of Public Works and/or the Department of Inspections and Standards is responsible for responding to considerations and complaints. This measure is effective as response times range from 12-72 hours. Responses to complaints or requests for action are reported back to the citizens through the program.

Additionally, a daytime phone number and after hours/weekend phone number has been added to the DPW Sewer website for sewer emergencies.

IV.B.4.b.8	Use the space below to describe activities and actions taken as a result of referring to the State non-compliant construction site operators. The operator may rely on the Department for assistance in enforcing the provisions of the RIPDES General Permit for Stormwater Discharges Associated with Construction Activity to the MS4 if the operator of the construction site fails to comply with the local and State requirements of the permit and the non-compliance results or has the potential to result in significant adverse environmental impacts.
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All site plans undergo a pre-construction review. The Department of Public Works, Engineering Division and Department of Inspection and Standards, Building Official are responsible for this goal.

The Department of Inspections and Standards requires the submittal of a RIDOA form 128, which requires the engineer/architect to account and to submit reports certifying compliance with submitted plans and specifications outlined in RIGL 23-27.3 Section 128.0 of the RI Building Code.

CONSTRUCTION SITE STORMWATER RUNOFF CONTROL cont'd

Non-compliant construction site operators are referred to the relevant agencies (DPW, RIDEM, CRMC, Narragansett Bay Commission, etc.). Non-compliant sites may be referred by the engineer/architect (via Form 128 requirements), by the public, or as observed by the Department of Public Works or the Department of Inspections and Standards.

In the 2022 reporting year, the City performed 9 site inspections for sediment and erosion controls. All site issues were resolved without further enforcement or referral.

Additional Measurable Goals and Activities

Public comment and information regarding new development projects and construction runoff related impacts are available at the Department of Inspections and Standards, Planning Department and Department of Public Works upon request.

SECTION II. A - Plan and SWPPP/SESC Plan Reviews during Year 19 (2022), Part IV.B.4.b.2: Issuance of permits and/or implementation of policies and procedures for all construction projects resulting in land disturbance of greater than 1 acre. **Part IV.B.4.b.4:** Review 100% of plans and SWPPPs/SESC Plans for construction projects resulting in land disturbance of 1-5 acres, not reviewed by other State programs, must be conducted by adequately trained personnel and incorporate consideration of potential water quality impacts.

of Construction Applications Received: 2

of Construction Reviews Completed: 2

of Permits/Authorizations Issued: 2

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

The City's Chief Engineer is responsible for reviewing the site plans as well as the SWPPP and SESC. The Department of Inspections and Standards requires the submittal of a RIDOA form 128 by the engineer of record, requiring reports certifying compliance with submitted plans and specifications. This program is effective as permits are not issued until site plans are submitted that meet all requirements under the city Stormwater and Sediment Control Ordinances and are satisfactory to the City Engineer. SESC violations can also be reported via the city's 311 system and are investigated by the Department of Public Works.

Additional plan requirements can be found in the City's Code of Ordinances, Chapter 5, Sections 5-104 and 5-105.

https://library.municode.com/ri/providence/codes/code_of_ordinances?nodeId=PTIICOOR_CH5BUSTAP_ARTVIISOERSECO

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

The Building Official and City Engineer are responsible for implementation of this minimum measure.

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

No formal training for reviewing SWPPP or SESC. Experience and prior education are used to review.

SECTION II.B - Erosion and Sediment Control Inspections during Year 19 (2022), Parts IV.G.2.n and IV.B.4.b.7:

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

# of Active Construction Projects: 101	
# of Site Inspections: 9	# of Complaints Received: 3
# of Violations Issued: 0	# of Unresolved Violations Referred to RIDEM: 0

CONSTRUCTION SITE STORMWATER RUNOFF CONTROL *cont'd*

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

The City undertakes enforcement action on private development projects when violations are observed by staff during site inspections, or following complaints from the public. Current and future permits are withheld until the developer makes the necessary corrections to return to compliance. DPW staff also conduct a site inspection at the end of construction before a certificate of occupancy is issued. New development plans are required to show all sediment and erosion control measures and stockpiling locations. In 2022 the City performed 9 sediment and erosion control inspections on construction sites. All the violations found were resolved with the contractors.

For municipal construction projects and public utility projects, sediment and erosion control measures are required to be installed prior to construction and are inspected throughout the construction process. The City may halt work if necessary and withhold payment until these measures are corrected. Following road paving projects, all catch basins are cleaned following paving.

These methods have been effective at resolving sediment and erosion control violations by creating monetary disincentives for non-compliance. In 2022 the City has not needed to undertake formal enforcement action for SESC as these methods led to resolution of any issues observed or reported.

Identify person(s) /Department and/or parties responsible for the implementation of this requirement:
Craig Hochman, Chief Engineer, Matt Marcotte, Building Official

Identify the type and date of training this person(s)/parties has/have received to be considered "adequately trained":
No formal training has been received, City officials use experience and prior education to guide their review.



**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: Craig Hochman, P.E., Chief Engineer (chochman@providenceri.gov), *Matt Marcotte, Building Official (Mmarcotte@providenceri.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.
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The city has actively required developers of parcels more than 20,000 SF to conform to the Post-Construction Storm Water Management Ordinance. Developers are required to submit RIDEM stormwater permits for projects at time of plan review. Low impact development/green infrastructure is required in accordance with the Post-Construction Stormwater Ordinance. Developers are encouraged to control stormwater to the extent practicable on their site for parcels less than 20,000SF, which has seen the installation of underground infiltration chambers, rain gardens, bioswales, pervious pavement and rain barrels/infiltration basins.

The City Sustainability Department is currently leading a project to review the City's Zoning Ordinance to be aligned with the Climate Justice Plan. One potential recommendation will be to revise the stormwater plan to reduce the threshold to include parcels smaller than 20,000 SF or require treatment of larger design storms to be incorporated. Public outreach for this will be conducted in Spring 2023.

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 <i>Regulations for the Rhode Island Pollutant Discharge Elimination System</i> (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).
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In the reporting year there were 12 permitted stormwater connections to the City sewer network (MS4 and combined system), none of which were associated with industrial activity.

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: 12/08/05 (Post Construction – Storm Water Control – No. 567) If the Ordinance was amended in 2022, please indicate why changes were necessary. Please also indicate if amendments have been made based on the 2010 RI Stormwater Design and Installation Standards Manual, and provide references to the amended portions of the local codes/ordinances.
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The ordinance has not been amended since the date of adoption.

IV.B.5.b.12	Use the space below to describe activities and actions taken to identify existing stormwater structural BMPs discharging to the MS4 with a goal of ensuring long term O&M of the BMPs.
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POST CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

cont'd

All municipally owned BMPs are listed in Appendix D. This year the City developed a GIS mapper of all municipally owned BMPs and created catchment basins for all city waterbodies which will allow for the BMPs to be identified by discharging watershed, which has been added as a layer to the sewer GIS mapper (<https://cdmsmith.maps.arcgis.com/apps/webappviewer/index.html?id=bededb127dc94cf78501c5a2ab1e409e>). The City is also coordinating with RIDOT and NBC to map public and private BMPs not owned or permitted by the City and incorporate these into TMDL and other planning decisions.

Private development plans are submitted for review to DPW prior to permit issuance, and BMPs are identified during this process. Developers are also required to submit a Stormwater Management Plan and Operation and Maintenance agreement with their plans. Work is ongoing to track the private BMPs and maintenance and create a GIS map.

Additional Measurable Goals and Activities

SECTION II.A. - Plan and SWPPP/SWMP Reviews during Year 19 (2022), Part IV.B.5.b.4: Review 100% of post-construction BMPs for the control of stormwater runoff from new development and redevelopment projects that result in discharges to the MS4 which incorporates consideration of potential water quality impacts (the program requires reviewing 100% of plans for development projects greater than 1 acre, not reviewed by other State programs). Plan reviews must be conducted by adequately trained personnel.

of Post-Construction Applications Received: 12

of Post-Construction Reviews Completed: 12

of Permits/Authorizations Issued: 12

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

The City's Chief Engineer is responsible for reviewing the site plans as well as the associated hydraulic models and calculations for two-year, ten-year, twenty-five-year, and one hundred-year storms. Plans are also reviewed to ensure connections to the city's sewer and MS4 system do not exceed pipe capacity and are maintainable and secure. Plans often undergo multiple review and commenting periods to ensure compliance. This measure is effective as all plans are reviewed and permitted prior to construction.

Additional plan requirements can be found in the City's Code of Ordinances, Chapter 5, Section 5-87.

https://library.municode.com/ri/providence/codes/code_of_ordinances?nodeId=PTIICOOR_CH5BUSTAP_ARTVIIISOERSECO

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

Craig Hochman, Chief Engineer

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

No formal training has been received, City officials use experience and prior education to guide their review.

SECTION II.B. - Post Construction Inspections during Year 19 (2022), Parts IV.G.2.o and IV.B.5.b.10 - Proper Installation of Structural BMPs: Inspection of BMPs, to ensure these are constructed in accordance with the approved plans (the program must include inspection of 100% of all development greater than one acre within the regulated areas that result in discharges to the MS4 regardless of whom performs the review). Inspections must be conducted by adequately trained personnel.

# of Active Construction Projects: Not Tracked	# of Construction Projects Completed: Not Tracked
# of Site Inspections for proper Installation of BMPs: Not Tracked	# of Complaints Received: 0
# of Violations Issued: 0	# of Unresolved Violations Referred to RIDEM: 0

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

Summary of Enforcement Actions:

Developers are required to submit plans for all BMPs installed and an operation and maintenance agreement for each BMP installed. Currently, BMPs are not inspected by City Staff following construction due to a lack of funding and staff. The City is considering requiring submission of a certification that the BMPs were installed in accordance with the plans.

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

Matt Marcotte, Building Official.

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

The building official has not received training on proper installation of BMPs.

SECTION II.C. - Post Construction Inspections during Year 19 (2022), Parts IV.G.2.p and IV.B.5.b.11 - Proper

Operation and Maintenance of Structural BMPs: Describe activities and actions taken to track required Operations and Maintenance (O&M) actions for site inspections and enforcement of the O&M of structural BMPs. Tracking of required O&M actions for site inspections and enforcement of the O&M of structural BMPs.

of Site Inspections for proper O&M of BMPs: 0

of Complaints Received: 0

of Violations Issued: 0

of Unresolved Violations Referred to RIDEM: 0

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

Maintenance agreements dictate the owner must self-inspect and send inspection reports to the City Engineer and/or Building Official. The City has received one inspection report in reporting year 2022. This is ineffective as owners do not submit O&M reports and the city does not follow up or perform inspections.

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

Matt Marcotte, Building Official

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

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

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

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

The Department of Public Works and the Department of Planning and Development are responsible for reviewing submissions.

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

The Department of Public Works and the Department of Planning and Development are responsible for approving submissions.

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 2022, please provide a copy as an attachment to this Annual Report, if you have not already submitted it.

If no, does your community plan to complete it?

☒ Yes ☐ No

If No, why not? _____

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

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

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

These requirements are only for BMP's required on lots greater than 20,000 SF in accordance with the Post-Construction Stormwater Ordinance.

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:

These requirements are only for BMP's required on lots greater than 20,000SF development or redevelopment, in accordance with the Post-Construction Stormwater Ordinance.

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

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

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

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

If yes, please elaborate on which tools are used:

Public BMPs are currently tracked on a spreadsheet and a public GIS database. The city is planning to develop a GIS database for private BMPs in the upcoming year.

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: *Patricia Coyne-Fague, Director of Public Works, Brian Byrnes, Deputy Parks Superintendent (bbyrnes@providenceri.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): 112

In 2022 the City developed a GIS map for tracking all municipal BMPs available as a layer on the sewer GIS mapper (<https://cdmsmith.maps.arcgis.com/apps/webappviewer/index.html?id=bededb127dc94cf78501c5a2ab1e409e>). The City also maintains spreadsheets with BMPs, and data used for tracking inspections and maintenance. This is effective at communicating between city departments, other collaborating governmental offices (RIDOT, NBC), and to the public.

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 2022: 105

of MS4-owned/operated BMPs maintained/cleaned in 2022: 105

of MS4-owned/operated BMPs repaired in 2022: 40

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

The Parks Department maintains inspection and maintenance schedules for BMPs and uses an electric work order based system to track completion. Other BMPs in the city are cleaned and maintained as needed.

The City has partnered with Groundwork RI on a SNEP grant for installation of bioswales across Providence. Since 2019, Groundwork has installed 57 bioswales in Providence. Through the partnership, the City takes ownership of the bioswale after installation, and Groundwork maintains them. In 2022, all 57 bioswales were inspected and maintained 3 times.

POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd

IV.B.6.b.1.iii	<p>Use the space below to describe activities and actions taken to support the requirement of yearly inspection and cleaning of all catch basins (a lesser frequency of inspection based on at least two consecutive years of operational data indicating the system does not require annual cleaning might be acceptable). Evaluate appropriateness and effectiveness of this requirement.</p> <p>Total # of CBs within regulated area (including SRPW and TMDL areas): 7375</p> <p># of CBs inspected in 2022: 497 % of Total inspected: 6.7%</p> <p># of CBs cleaned in 2022: 497 % of Total cleaned: 6.7%</p> <p>If determined, approximate quantity of sand/debris collected by cleaning of catch basins: 189 Tons</p> <p>Location used for the disposal of debris: Rhode Island Resource Recovery Corporation</p> <p>Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track the inspections and cleaning of catch basins? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>
<p>In 2022 the city contracted for 497 catch basins to be cleaned in the MS4 area following road paving. The catch basins were photographed, measured for sediment accumulation, cleaned with a vacuum truck, then measured again to determine the rate of sediment accumulation. The catch basins were also inspected for illicit connections and damage. This information was tracked with a GIS collector app and is stored on an online GIS map (https://pvdgis.maps.arcgis.com/apps/webappviewer/index.html?id=ee8f03641c544d55aaa8cbd1ab1af1aa).</p> <p>The DPW Sewer Department also cleans catch basins across the city. Catch basin digger trucks are assigned to clean as many catch basins in two wards per month. There are 15 Wards in the City, with the trucks rotating between all wards regularly. Catch basins are also cleaned as needed, or as reported by the public. Also, locations prone to flooding are cleaned regularly. This year 1426 basins were cleaned by the Sewer Department across the MS4 and combined system. 189 tons of material were disposed of from the cleaning.</p> <p>This measure is ineffective as funding and labor shortages don't allow for all locations to be visited. This prohibits full yearly cleaning of the catch basin system and 2 consecutive years of data from being obtained. In the upcoming year, the city plans to implement better tracking for municipal cleaning by using a GIS based asset management system. This will allow City crews to track sediment accumulation yearly. As part of the TMDL Implementation Plan Contract, the City's consultant will also be cleaning basins across TMDL areas in 2023, and again in 2024 to track sediment accumulation. This will be tracked and reported using the GIS collector app.</p>	
IV.B.6.b.1.iv	<p>Use the space below to describe activities and actions taken to minimize erosion of road shoulders and roadside ditches by requiring stabilization of those areas. Evaluate appropriateness and effectiveness of this requirement.</p> <p>The majority of City owned roads are constructed with a curb and gutter system without a shoulder or ditch. The city repairs those roads without curbing using asphalt, rip-rap and soils as needed to prevent erosion.</p> <p>Significant erosion of the roadway and riverbank along Irving Ave and River Road by the Seekonk River led to a Supplemental Environmental Project to install 5 BMPs and replace the sidewalk, curbing and riverwall. This project was substantially completed in 2022 and will be fully completed in 2023.</p>
IV.B.6.b.1.v	<p>Use the space below to describe activities and actions taken to identify and report known discharges causing scouring at outfall pipes or outfalls with excessive sedimentation, for the Department to determine on a case-by-case basis if the scouring or sedimentation is a significant and continuous source of sediments. Evaluate appropriateness and effectiveness of this requirement.</p> <p>Excessive sedimentation has been observed in the forebay to York Pond. The forebay has been cleaned previously and is maintained by the Parks Department.</p> <p>Outfall Woon02 to the Woonasquatucket on Manton Ave has been observed to cause scouring and erosion of the riverbank. The City is aware of the issue and is planning solutions.</p>

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>Total roadway miles within regulated area (including SRPW and TMDL areas): 405 miles of total city roadways</p> <p>Roadway miles that were swept in 2022: 1933 Centerline Miles % of Total swept: 99%</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: Unknown</p> <p>Location used for the disposal of debris: Rhode Island Resource Recovery Corporation</p> <p>Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track the annual sweeping of streets and roads? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>
<p>All streets in the City have been swept in the reporting year. Each street is swept at least 4 times annually. Street sweeping paths are tracked through a GIS collector app and tabulated. Street sweeping is City wide and covers the entire MS4 regulated area as well as the combined sewer area. Overall, this measure is effective as all streets are swept and tracked in the reporting year. A map is included in Appendix A with street sweeping totals by street.</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>The City and the Downtown Improvement District maintain public trash and recycling bins in areas with high pedestrian traffic across Providence. City parks also maintain trash and recycling. Pickup is made daily or weekly depending on volume.</p> <p>The Department of Public Works Environmental Division works to eliminate littering and illegal dumping across the city. They receive notification of trash piles through daily inspection and public complaints from the city's 311 system and issue tickets to offenders. DPW Environmental also supports local volunteer litter cleanups by providing trash bags and collecting them after the event.</p>	
IV.B.6.b.1.viii	<p>Use the space below to describe the method for disposal of waste removed from MS4s and waste from other municipal operations, including accumulated sediments, floatables and other debris and methods for record-keeping and tracking of this information.</p> <p>Do you have a system for tracking actions to remove and dispose of waste? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>
<p>Sediment excavated from catch basins and street sweeping are disposed of at the Rhode Island Resource Recovery Corporation (RIRRC). Tonnage slips are collected and maintained by the DPW and RIRRC issues statements with monthly tipping totals by category.</p> <p>The City maintains trash collection facilities in major pedestrian areas throughout the City which helps minimize floatables in the MS4, although quantities are not recorded as citywide trash is mixed at the transfer station.</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?</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If yes:</p> <p>Are these piles covered to prevent exposure to rain, snow, snowmelt and/or runoff?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If yes, check the type of cover used:</p> <p><input type="checkbox"/> Weatherproof permanent structure/shelter</p> <p><input type="checkbox"/> A temporary, secured, durable, waterproof covering (e.g., tarpaulin, polyethylene, polyurethane)</p> <p>Are these piles located on impermeable surfaces?</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>
	<p>The Parks Department has developed the following non-structural best management practices for Roger Williams and other City Parks:</p> <ul style="list-style-type: none">• In contract with the USDA Canada Geese egg are coddled yearly to reduce fowl waste products.• No turf fertilizers are used in Roger Williams Park and fertilizers are limited to only athletic fields in other city parks.• Park hills and selected nature areas are left unmowed to trap stormwater.• Pesticide use has been significantly reduced and is tracked following the City Pesticide Use Policy.
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>
	<p>The City of Providence Department of Public Works facility has floor drains and catch basins which drain to the combined sewer system and, therefore, do not pose a threat to any waters of the state. Regardless, the DPW is ever diligent in maintaining a "clean house." Efforts have been made to eliminate bulk storage of chemicals needed for the operation of the department. No formal inspection or reports have been issued.</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 staff municipal participation in trainings offered by other parties (e.g. SNEP, EPA) and all in-house training conducted by municipality. Evaluate appropriateness and effectiveness of this requirement.</p> <p>How many stormwater management trainings have been provided to <i>municipal employees</i> during this reporting period? 5</p> <p>What was the date of the training? 11/30/22 Training Topic(s): Stormwater Expo: Stormwater funding, BMP Design and Retrofit, Sediment Removal, more How many <i>municipal employees</i> attended this training? 12</p> <p>What was the date of the training? 4/13/22 Training Topic(s): Challenges and Opportunities for Green Infrastructure, Stormwater, and Resilience Financing in Rhode Island How many <i>municipal employees</i> attended this training? 3</p> <p>What was the date of the training? 3/16/22 Training Topic(s): Emerging Stormwater Technologies in Rhode Island: Jellyfish Filter How many <i>municipal employees</i> attended this training? 3</p> <p>What was the date of the training? 3/11/22, 4/6/22 Training Topic(s): SNEP Network Technical Assistance How many <i>municipal employees</i> attended this training? 3</p> <p>What percent of <i>municipal employees</i> in relevant positions and departments received stormwater management training? Unknown</p> <p>Have <i>municipal employees</i> that are responsible for inspecting or cleaning catch basins also been trained to detect and report illicit connections or non-stormwater discharges? Informally</p>
<p>The Parks Department provides training regarding grass clippings and leaf cleanup to keep out of waterbodies and drainage structures. In partnership with the Stormwater Innovation Center, the City is planning a Green Infrastructure maintenance training for municipal employees in 2023.</p>	
IV.B.6.b.7	<p>Use the space below to describe actions taken to ensure that new flow management projects undertaken by the operator are assessed for potential water quality impacts and existing projects are assessed for incorporation of additional water quality protection devices or practices. Evaluate appropriateness and effectiveness of this requirement.</p>
<p>The city continues to assess potential water quality impacts to existing and new flow management projects as areas are being developed or redeveloped and as potential water quality impacts arise during the permitting process. This proves to be an effective and appropriate means to review water quality impacts. If detrimental water quality impacts are foreseen, a permit will not be issued to move forward.</p> <p>The City Engineer is responsible for this action.</p>	
<p>Additional Measurable Goals and Activities</p>	

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

POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd

BMP ID:	Location:	Name of BMP Owner/Operator:	Description of BMP:	Frequency of Inspection:
	See attached list in Appendix 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:
York 01	Western Edge of Work Pond	Sedimentation	None	York Pond
Woon02	Storm line on Manton Ave by Baltimore St	Pipe Scouring and Erosion	None	Woonasquatucket River

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

In 2022 construction was substantially completed on the Irving Ave Stormwater Improvements project, a Supplemental Environmental Project (SEP) from the RIPDES Consent Agreement. This stormwater structure treats stormwater and protects against erosion along Irving Ave and River Road along the Seekonk River. Features include five BMPs, two sand filters with sediment forebays, and a bioretention garden at the base which are connected via drainage pipes. The riverbank stones that were previously washed out from stormwater flooding were also replaced during construction and native plants were established along the riverbank. Final planting and construction will be finished in 2023.

Construction is anticipated to begin on the Woonasquatucket River Greenway in 2023. By redesigning existing City infrastructure using nature-based solutions, this project will reduce the amount of impervious surface by 26,150 square feet (8%) and provide treatment of 125,800 square feet of stormwater runoff through new bioswales and landscaped areas. These planted areas will also provide opportunities for 55 new street trees between the road and shared use path, which will cool and beautify the area, provide traffic calming, and absorb stormwater through transpiration, interception, and increased infiltration.

The project proposes to remove 26,150 SF of impervious area and treat 125,800 SF of water that currently runs into the Woonasquatucket River from adjacent streets. Treatment will happen through the following tasks: planting 55 new street trees; constructing bioretention areas with sediment forebays between the roadway, trail, and sidewalk; constructing bioswales and associated plantings within new pocket parks; constructing tree trenches with deep sump catch basins between the road and the trail; and constructing underground sand filters where possible under the trail. In total, the street trees are expected to remove 0.35 pounds of nitrogen per year, 0.06 pounds of phosphorus per year, and 33.25 pounds of total suspended solids per year.

Design is underway to develop a treatment train from the inflow to Roger Williams Park from Mashapaug Pond under Route 10. Work is done in collaboration with RIDOT who are interconnected in the system. The Parks Department received a grant for \$470,000 from RIDEM for design which is currently underway. The site will also incorporate a Contech Jellyfish filter and used as a training site for this new technology.

The City is partnered on an NBEP grant for project at the South Gateway to Blackstone Boulevard. This project, currently in the design stage, will aim to depave the large open area and install green infrastructure and traffic calming measures. The City is also exploring another project in collaboration with Brown University, the Blackstone Parks Conservancy, and local residents along Elmgrove Ave. Work would include depaving and planting a rain garden and bioswales along the street.

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).

Data collected by volunteer monitoring at the Stormwater Innovation Center is available on the project dashboard: <https://www.stormwaterinnovation.org/data>. Data collected and representative maps on catch basin measurements, street sweeping, and BMP maintenance are included in the Appendices.



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: Craig Hochman, Chief Engineer – Department of Public Works; Brian Byrnes, Deputy Parks Superintendent

LIST OF IMPAIRED WATERS:				
Impaired Water Body: Mashapaug Pong WBID: RI0006017L-06	Pollutants Causing Impairments: Total Phosphorus and Bacteria	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
Impaired Water Body: Roger Williams Park Ponds WBID: RI0006017L-05	Pollutants Causing Impairments: Total Phosphorus and Bacteria	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
Impaired Water Body: Woonasquatucket River WBID: RI0002007R-10A-D RI0002007R-01	Pollutants Causing Impairments: Bacteria	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
Impaired Water Body: West River WBID: RI0003008R-03B	Pollutants Causing Impairments: Bacteria	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input 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:	Strategy:	Target Audience:		
Bacteria	Pet Waste Collection at Parks, Signage discouraging feeding geese and other wildlife	General Public		
Floatables / Litter	Information on recycling and waste management, environmental enforcement	Public, Businesses, Waste Haulers		
Pesticides	Pesticide Free Pledge, Educational Materials	Public, Businesses		
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 Owned <input type="checkbox"/> Privately Owned	Who maintains it?
[add as necessary]				

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>Street sweeping and catch basin cleaning activities occur more frequently in known flooding zones, which may or may not be in a TMDL area.</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 2018-2020 303(d) Impaired Waters Report can be found here:

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

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

Providence does not have any discharges to SRPWs as defined by the Water Quality Regulations 1.28. The water bodies under Providence jurisdiction all currently have an approved TMDL and an Implementation Plan under development.



RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Office of Water Resources



INSTRUCTIONS FOR THE RI POLLUTANT DISCHARGE ELIMINATION SYSTEM (RIPDES)

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

WHO MUST SUBMIT AN ANNUAL REPORT:

Owners/Operators of regulated small municipal separate storm sewer systems (MS4s) and industrial activities authorized to discharge stormwater under the Rhode Island Pollutant Discharge Elimination System (RIPDES) Stormwater General Permit for Small Municipal Separate Storm Sewer Systems and Industrial Activity at Eligible Facilities Operated by Regulated Small MS4s (hereafter referred to as "the General Permit"), must submit an Annual Report, outlined in Part IV.G of the permit. The Report must be submitted each year after permit issuance **by March 10th** to track progress of compliance. If you have questions regarding this Annual Report Form contact Jennifer Stout of the Rhode Island Department of Environmental Management (RIDEM), Office of Water Resources, Permitting Section at (401) 222-4700 ext. 277726.

The Annual Report must be submitted to:

RIDEM Office of Water Resources
RIPDES Permitting Program
235 Promenade Street
Providence, RI 02908
ATTN: Jennifer Stout

INSTRUCTIONS FOR COMPLETION:

GENERAL INFORMATION PAGE:

"RIPDES Permit #"

Include your permit ID # to ensure proper tracking.

"Operator of MS4"

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

"Owner of MS4"

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

"Certification"

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

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

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

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

SECTION I- OVERALL EVALUATION OF BMPS AND MEASURABLE GOALS:

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

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

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

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

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

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

SECTION II- ADDITIONAL ANNUAL REPORT REQUIREMENTS

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

Minimum Control Measure #2: Section II:

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

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

Minimum Control Measure #3: Section II.A:

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

Minimum Control Measure #3: Section II.B:

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

Minimum Control Measures #4 & 5: Section II.A:

Identify the number of construction and post-construction plan and SWPPP/SESC Plan reviews completed during Year 19 (2022) and any additional information. This includes, but is not limited to a summary of the reviews, responsible parties, and types of projects reviewed.

Minimum Control Measure #4: Section II.B:

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

Minimum Control Measure #5: Section II.B:

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

Minimum Control Measure #5: Section II.C:

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

Minimum Control Measure #6: Section II.A:

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

Minimum Control Measure #6: Section II.B:

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

Minimum Control Measure #6: Section II.C:

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

Minimum Control Measure #6: Section II.D:

Please include a summary of results of any other information that has been collected and analyzed. This includes any type of data, including, but not limited to, dry weather survey data (Part IV.G.2.e).

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

Section I:

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

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

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

SPECIAL RESOURCE PROTECTION WATERS (SRPWs)

Section I:

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

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

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

or

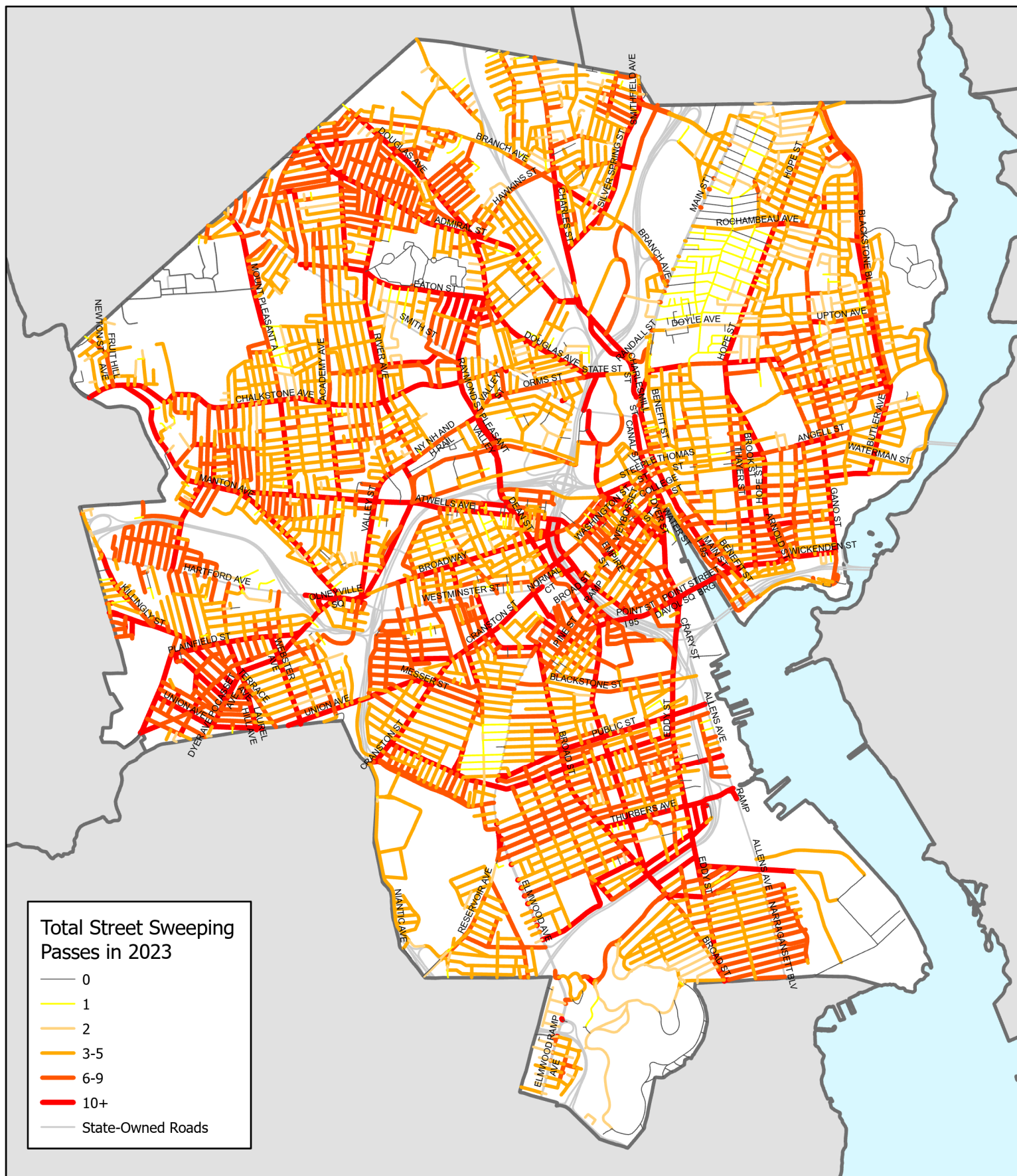
an impaired water body including water bodies with no approved TMDL as listed in the *State of Rhode Island 2018-2020 303(d) Impaired Waters Report (February 2021)* at this link:

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

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

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

Appendix A
Providence Street Sweeping
2022



2022 Providence Street Sweeping

February 2023



City of Providence Public Works Department

The information depicted on this map is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation, or parcel-level analyses.

Data Sources:
Providence Geographic Information System

Street Name	Total Count (Adjusted for Through Roads)*	Miles Swept
Ernest St	4	0.81753773
Eddy St	4	0.204240554
Eddy St	4	0.309950977
Pavilion Ave	4	0.222040561
Ernest St	4	0.274894789
Eddy St	4	0.147347133
Ernest St	4	0.306227443
Ernest St	4	0.31893543
Ernest St	4	0.461240144
Thurbers Ave	4	0.310364401
Thurbers Ave	4	0.156218999
Thurbers Ave	4	0.105754898
Thurbers Ave	4	0.265585908
Thurbers Ave	4	0.198130169
Eddy St	4	0.107218819
Thurbers Ave	4	0.146450703
Eddy St	4	0.041501191
Thurbers Ave	4	0.086946112
Eddy St	4	0.173228065
Richmond St	4	0.094679709
Eddy St	4	0.05824752
Blundell St	4	0.574738929
Richmond St	4	0.171821309
Richmond St	4	0.058201221
Point St	4	0.166961116
Point St	4	0.177279805
Point St	4	0.228233582
Point St	4	0.172120837
Eddy St	4	0.088941078
Point St	4	0.211783216
E Franklin St	4	0.320866434
Pavilion Ave	4	0.222154776
John J Partington Way	4	0.137576522
E Franklin St	4	0.375285293
Hylestead St	4	0.458283957
John J Partington Way	4	0.556655952
Point St	4	0.466199489
Dave Gavitt Way	4	0.216506633
W Franklin St	4	0.356510532
Dave Gavitt Way	4	0.268152648
E Franklin St	4	0.183744887
Dean St	4	0.037997462
E Franklin St	4	0.16498695
E Franklin St	4	0.202479795
Atwells Ave	4	0.127888216

Eddy St	4	0.220773088
Atwells Ave	4	0.06646794
Eddy St	4	0.262544039
	4	1.448927166
Dyer St	4	0.48631481
Atwells Ave	4	0.091760922
Eddy St	4	0.142632144
Atwells Ave	4	0.094998245
Atwells Ave	4	0.066475501
Atwells Ave	4	0.094813279
Atwells Ave	4	0.09349561
Dorrance Plz	4	0.117933934
Atwells Ave	4	0.039735386
Eddy St	4	0.169018764
Dave Gavitt Way	4	0.20193591
John J Partington Way	4	0.10457716
Dave Gavitt Way	4	0.345096649
Eddy St	4	0.014121231
Atwells Ave	4	0.122869882
Eddy St	4	0.183934787
S Water St	4	0.040760404
Dyer St	4	0.221959532
John J Partington Way	4	0.199157088
S Main St	4	0.041202622
W Franklin St	4	0.185542918
John J Partington Way	4	0.451193508
Dean St	4	0.245941247
Point St	4	0.22169572
Point St	4	0.467744224
Point Street Bridge	4	0.392509145
Point St	4	0.110912152
John J Partington Way	4	0.195496733
John J Partington Way	4	0.043306637
Memorial Blvd	4	0.052363245
Dean St	4	0.228567212
Clifford St	4	0.05953403
	4	0.027110341
Dave Gavitt Way	4	0.158275824
Eddy St	4	0.28579115
John J Partington Way	4	0.323585828
W Franklin St	4	0.170968463
Dyer St	4	0.309046961
Dyer St	4	0.152145455
Eddy St	4	0.182350487
Eddy St	4	0.172746417
	4	1.1962908
Raymond St	4	0.687873522

Dyer St	4	0.097416936
Dyer St	4	0.015512993
Dyer St	4	0.066512652
Wickenden St	4	0.090961901
Benefit St	4	0.030710547
Steeple St	4	0.186360837
Atwells Ave	4	0.007876736
	4	0.000348516
Memorial Blvd	4	0.158269634
Point St	4	0.124868117
Eddy St	4	0.042592588
Eddy St	4	0.016922809
	4	0.030140096
Memorial Blvd	4	0.131705183
Westminster St	4	0.151382817
W Franklin St	4	0.067746468
Eddy St	4	0.154520706
	4	0.04300447
Canal St	4	0.135809622
Memorial Blvd	4	0.165625936
Atwells Ave	4	0.213521856
Atwells Ave	4	0.096564909
Eddy St	4	0.159452777
Memorial Blvd	4	0.256510915
Westminster St	4	0.104645248
Atwells Ave	4	0.105985233
Atwells Ave	4	0.120395978
Atwells Ave	4	0.007947231
Eddy St	4	0.117924166
Eddy St	4	0.034607736
W Franklin St	4	0.182400421
Fricker St	4	0.06887295
Atwells Ave	4	0.638812009
Dean St	4	0.366733425
Canal St	4	0.086615599
Pleasant Valley Pky	4	0.037785935
Dean St	4	0.39704271
Atwells Ave	4	0.061764563
Atwells Ave	4	0.113915732
Atwells Ave	4	0.079218932
Atwells Ave	4	0.058527365
Atwells Ave	4	0.088707074
Wickenden St	4	0.180772105
Manton Ave	4	0.119824087
Broad St	4	0.179631126
Eddy St	4	0.111122419
Eddy St	4	0.29038485

	4	0.037213093
Westminster St	4	0.070897274
Pleasant Valley Pky	4	0.193058314
Pleasant Valley Pky	4	0.218570733
Atwells Ave	4	0.099448928
Atwells Ave	4	0.123429634
Atwells Ave	4	0.022155909
Atwells Ave	4	0.014217642
Atwells Ave	4	0.045891823
Wickenden St	4	0.303094276
Manton Ave	4	0.108249958
Eddy St	4	0.136949025
Eddy St	4	0.123710227
Broad St	4	0.081507346
Wickenden St	4	0.095391384
Raymond St	4	0.112221847
Pleasant Valley Pky	4	0.186737404
Memorial Blvd	4	0.152880777
Dorrance St	4	0.333303686
Westminster St	4	0.073961306
Dean St	4	0.131968771
Atwells Ave	4	0.279669797
Atwells Ave	4	0.432889467
Atwells Ave	4	0.118622881
Atwells Ave	4	0.142789448
Atwells Ave	4	0.061764856
Wickenden St	4	0.151660355
Cranston St	4	0.236055521
Westminster St	4	0.161765524
Broad St	4	0.235283785
Broad St	4	0.112389641
Eddy St	4	0.160694048
Dave Gavitt Way	4	0.209139241
	4	0.172623914
Dean St	4	0.047679244
Dean St	4	0.139242268
Atwells Ave	4	0.082260566
Wickenden St	4	0.274944497
Westminster St	4	0.049563949
Olneyville Sq	4	0.072736341
Olneyville Sq	4	0.064114508
Plainfield St	4	0.017119281
Broad St	4	0.099725807
Broad St	4	0.169604279
Broad St	4	0.070611091
Broadway	4	0.231750031
Wickenden St	4	0.201105355

Dorrance Plz	4	0.072203241
Wickenden St	4	0.196803954
Pleasant Valley Pky	4	0.19157947
Pleasant Valley Pky	4	0.181069465
Dean St	4	0.394144916
Dean St	4	0.214540278
Atwells Ave	4	0.082595019
Wickenden St	4	0.174038523
Westminster St	4	0.038740705
Aldrich St	4	0.424196805
Broad St	4	0.134997589
Broad St	4	0.300270618
Broad St	4	0.03052104
Broad St	4	0.04317129
Broad St	4	0.039752648
Broad St	4	0.059275902
Broad St	4	0.124732036
Eddy St	4	0.083355819
S Main St	4	0.375332186
Westminster St	4	0.239511279
Dean St	4	0.330750561
S Main St	4	0.171406599
S Main St	4	0.23577648
S Main St	4	0.242144291
Plainfield St	4	0.14407436
Public St	4	0.183882277
Broad St	4	0.156582875
Broad St	4	0.113411833
Broad St	4	0.084450622
Broad St	4	0.076628112
N Main St	4	0.141283331
Canal St	4	0.826135846
Canal St	4	0.168724182
Washington Pl	4	0.026519998
Pleasant Valley Pky	4	0.106906213
Atwells Ave	4	0.066466587
	4	0.085550533
Manton Ave	4	0.07273453
Westminster St	4	0.079240366
Public St	4	0.080925284
Public St	4	0.257729251
Public St	4	0.33216009
Public St	4	0.175143377
Broad St	4	0.101614764
Broad St	4	0.16689107
S Main St	4	0.136292033
Dorrance Plz	4	0.179495458

Pleasant Valley Pky	4	0.112734714
S Main St	4	0.215006154
S Main St	4	0.472295518
Atwells Ave	4	0.027294334
S Main St	4	0.112504444
S Main St	4	0.380290976
Public St	4	0.182983638
Public St	4	0.422433781
Broad St	4	0.094353425
Eddy St	4	0.093243973
Broad St	4	0.020392473
Dorrance St	4	0.097831375
Atwells Ave	4	0.382008926
Plainfield St	4	0.177444049
Public St	4	0.49953887
Broad St	4	0.102110072
Broad St	4	0.015482419
Eddy St	4	0.103492107
Thurbers Ave	4	0.040083184
Dean St	4	0.054778768
Oakland Ave	4	0.284474724
Chalkstone Ave	4	0.187774663
Chalkstone Ave	4	0.468853479
Charles St	4	0.562539229
Chalkstone Ave	4	0.041439283
Atwells Ave	4	0.176762263
Dean St	4	0.287286217
Plainfield St	4	0.107975968
Public St	4	0.335507819
Public St	4	0.154896612
Broad St	4	0.051149175
Broad St	4	0.257946997
Broad St	4	0.164603665
Raymond St	4	0.062165471
Admiral St	4	0.13684122
Ashburton St	4	0.137989062
Oakland Ave	4	0.126894062
Kinsley Ave	4	0.252650378
Dorrance St	4	0.109095692
Francis St	4	0.435082798
N Main St	4	0.072028438
Atwells Ave	4	0.264259867
Dean St	4	0.206533312
Laban St	4	0.020280158
Prairie Ave	4	0.118949633
Eddy St	4	0.05162534
Broad St	4	0.028409725

Broad St	4	0.195340269
Dorrance St	4	0.056437391
Admiral St	4	0.129467282
Eaton St	4	0.071272804
Charles St	4	0.15626779
Oakland Ave	4	0.153867349
Ashburton St	4	0.184809482
Dorrance St	4	0.200807835
Spruce St	4	0.064811636
Pleasant Valley Pky	4	0.178320843
Dean St	4	0.174430395
Dean St	4	0.140995505
Dean St	4	0.014008606
Aldrich St	4	0.651774165
Broad St	4	0.031183079
Broad St	4	0.035382867
Broad St	4	0.167805008
Admiral St	4	0.135012909
Charles St	4	0.23619763
Steeple St	4	0.033531471
Chalkstone Ave	4	0.157430598
Chalkstone Ave	4	0.162598711
N Main St	4	0.118624384
N Main St	4	0.077121547
N Main St	4	0.134085717
N Main St	4	0.102004036
Atwells Ave	4	0.157892424
Atwells Ave	4	0.184756032
Atwells Ave	4	0.187968049
Eddy St	4	0.168529154
Broad St	4	0.022487212
Broad St	4	0.139197234
Broad St	4	0.211801179
Broad St	4	0.032764109
Pleasant Valley Pky	4	0.125085018
Ashburton St	4	1.030391299
Admiral St	4	0.081096132
Admiral St	4	0.079876596
Admiral St	4	0.127408213
Admiral St	4	0.165047339
Douglas Ave	4	0.029520952
Chalkstone Ave	4	0.142378263
Dorrance St	4	0.12284035
Dorrance St	4	0.252616953
Chalkstone Ave	4	0.015787129
Atwells Ave	4	0.161125787
Atwells Ave	4	0.089954474

Atwells Ave	4	0.235498306
Plainfield St	4	0.21495434
Plainfield St	4	0.17780717
Eddy St	4	0.11899838
Broad St	4	0.168578471
Eddy St	4	0.091631831
Broad St	4	0.092291821
N Main St	4	0.144677095
Broad St	4	0.24090321
Plainfield St	4	0.173649901
Ayrault St	4	0.123017294
Admiral St	4	0.195899119
Admiral St	4	0.079216469
Admiral St	4	0.197533541
Admiral St	4	0.146725616
Admiral St	4	0.08791083
Admiral St	4	0.17271692
Douglas Ave	4	0.027506095
Chalkstone Ave	4	0.696976185
Academy Ave	4	0.049894639
Dorrance St	4	0.181044934
Francis St	4	0.341809912
Chalkstone Ave	4	0.171772894
Chalkstone Ave	4	0.030153542
Francis St	4	0.404734775
N Main St	4	0.082738976
Wickenden St	4	0.187138643
Plainfield St	4	0.103124801
Plainfield St	4	0.126110377
Broad St	4	0.041509843
Broad St	4	0.014892464
Potters Ave	4	0.420230751
Broad St	4	0.142524482
Potters Ave	4	0.408959638
Broad St	4	0.169069538
Broad St	4	0.087119244
N Main St	4	0.072684388
Public St	4	0.321410177
Valley St	4	0.03002494
Admiral St	4	0.181822812
Admiral St	4	0.025951727
Admiral St	4	0.161742343
Admiral St	4	0.090832777
Douglas Ave	4	0.044444509
Douglas Ave	4	0.061584875
Douglas Ave	4	0.039470199
N Main St	4	0.113057734

Chalkstone Ave	4	0.159295555
N Main St	4	0.167056211
Wickenden St	4	0.132073906
Manton Ave	4	0.101317486
Potters Ave	4	0.496495534
Broad St	4	0.169659814
Broad St	4	0.193990787
Broad St	4	0.116439424
Public St	4	0.45068214
Wickenden St	4	0.070277928
Admiral St	4	0.086533959
Admiral St	4	0.043699301
Admiral St	4	0.038524492
Admiral St	4	0.150345859
Admiral St	4	0.090243427
Admiral St	4	0.146803281
Admiral St	4	0.174215032
Admiral St	4	0.164815985
Douglas Ave	4	0.131057018
Douglas Ave	4	0.187865145
Francis St	4	0.071445462
N Main St	4	0.199884749
Chalkstone Ave	4	0.246695897
Chalkstone Ave	4	0.124401962
Chalkstone Ave	4	0.175120807
Chalkstone Ave	4	0.136178477
Chalkstone Ave	4	0.148143627
Francis St	4	0.294560715
Manton Ave	4	0.067862079
Gano St	4	0.185428108
Plainfield St	4	0.042227847
Dean St	4	0.111931959
Bridgham St	4	0.212276417
Bridgham St	4	0.265919375
Bridgham St	4	0.393990318
Byfield St	4	0.560677371
Plainfield St	4	0.043523724
Potters Ave	4	0.416122557
Broad St	4	0.188370913
Broad St	4	0.05845089
Broad St	4	0.110897098
Ashburton St	4	0.116548007
Admiral St	4	0.185644994
Admiral St	4	0.183445558
Admiral St	4	0.183438408
Admiral St	4	0.17878655
Admiral St	4	0.117970355

	4	0.1234174
Douglas Ave	4	0.308628902
Douglas Ave	4	0.175303433
Douglas Ave	4	0.1849648
Douglas Ave	4	0.167579198
Charles St	4	0.068912549
Douglas Ave	4	0.210981402
Douglas Ave	4	0.25102493
Friendship St	4	0.047637872
Chalkstone Ave	4	0.153676438
Chalkstone Ave	4	0.121552184
N Main St	4	0.046605917
Atwells Ave	4	0.138955907
Atwells Ave	4	0.145247673
Atwells Ave	4	0.151533605
Atwells Ave	4	0.146847334
Wickenden St	4	0.380740767
Wickenden St	4	0.118551928
Bridgham St	4	0.030636206
Parade St	4	0.023613214
Byfield St	4	0.430654633
Baker St	4	0.085216186
Plainfield St	4	0.053737126
Plainfield St	4	0.071455526
Potters Ave	4	0.179113173
Potters Ave	4	0.189626939
Potters Ave	4	0.378257938
Broad St	4	0.096286015
Potters Ave	4	0.153281514
N Main St	4	0.261362079
Douglas Ave	4	0.088474756
Francis St	4	0.181355502
Douglas Ave	4	0.027904846
Silver Spring St	4	0.276140415
Admiral St	4	0.172912595
Admiral St	4	0.306316752
Douglas Ave	4	0.151918609
Chalkstone Ave	4	0.116373022
Douglas Ave	4	0.148467364
Douglas Ave	4	0.173370787
Douglas Ave	4	0.149473823
	4	0.039117582
Dorrance St	4	0.073543575
Chalkstone Ave	4	0.161998928
Chalkstone Ave	4	0.15835162
Atwells Ave	4	0.156248287
Hope St	4	0.171656655

Dean St	4	0.096378165
Dean St	4	0.279136443
Plainfield St	4	0.183771425
Byfield St	4	0.245592102
Plainfield St	4	0.167429231
Broad St	4	0.091225273
Potters Ave	4	0.157028997
Potters Ave	4	0.156406983
Potters Ave	4	0.111578993
Potters Ave	4	0.20041399
Potters Ave	4	0.278042508
Potters Ave	4	0.178648212
Broad St	4	0.005261164
Plainfield St	4	0.037206539
Eddy St	4	0.131243478
Gano St	4	0.18963564
Douglas Ave	4	0.074884361
Admiral St	4	0.06816738
Charles St	4	0.163255898
Douglas Ave	4	0.136863276
Douglas Ave	4	0.203151722
Academy Ave	4	0.183480965
Washington St	4	0.076687039
Chalkstone Ave	4	0.039890126
Atwells Ave	4	0.169053889
Gano St	4	0.18545768
Broadway	4	0.11631627
Hope St	4	0.192559405
Wickenden St	4	0.110890123
Wickenden St	4	0.120640663
Hope St	4	0.148184909
Bridgham St	4	0.160696705
Bridgham St	4	0.21032141
Bridgham St	4	0.280488906
Bridgham St	4	0.072488184
Bridgham St	4	0.255339768
Potters Ave	4	0.226165436
Plainfield St	4	0.121513498
Cranston St	4	0.189396917
Broad St	4	0.122332517
Potters Ave	4	0.024447006
Potters Ave	4	0.188431791
Potters Ave	4	0.069461446
Potters Ave	4	0.403128822
Potters Ave	4	0.17429122
Potters Ave	4	0.149948368
Potters Ave	4	0.147061947

Potters Ave	4	0.145883966
Broad St	4	0.096966463
Thurbers Ave	4	0.108416626
Douglas Ave	4	0.093589655
Gano St	4	0.185611725
Bridgham St	4	0.175013781
	4	0.049880321
Francis St	4	0.226822013
Broad St	4	0.049837774
Atwells Ave	4	0.217643252
Plainfield St	4	0.072302894
Kenyon St	4	0.046289001
Ayrault St	4	0.049169665
Admiral St	4	0.049464088
Admiral St	4	0.173524627
Vale St	4	0.047978298
Admiral St	4	0.130979699
Douglas Ave	4	0.432085152
Douglas Ave	4	0.052202921
Douglas Ave	4	0.070576649
Charles St	4	0.099269901
Charles St	4	0.071416665
Douglas Ave	4	0.307205321
Chalkstone Ave	4	0.133891392
Academy Ave	4	0.060540618
Academy Ave	4	0.195609718
Atwells Ave	4	0.197507758
N Main St	4	0.113510791
Hope St	4	0.160695703
Dean St	4	0.255116292
Hope St	4	0.12413644
Gano St	4	0.188400225
Wickenden St	4	0.111011828
Broadway	4	0.153675334
Broadway	4	0.217976249
Prairie Ave	4	0.154905391
Plainfield St	4	0.252741931
Plainfield St	4	0.191147612
Plainfield St	4	0.120132483
Plainfield St	4	0.012994882
Broad St	4	0.178171776
Cranston St	4	0.177565336
Potters Ave	4	0.127952328
Potters Ave	4	0.149948922
Potters Ave	4	0.154263575
Potters Ave	4	0.153732335
Potters Ave	4	0.036670632

Potters Ave	4	0.109121726
Douglas Ave	4	0.047052066
	4	0.033672509
Public St	4	0.100961828
Charles St	4	0.364226353
Admiral St	4	0.10487148
Silver Spring St	4	0.478540356
Admiral St	4	0.07987649
Douglas Ave	4	0.173757551
Douglas Ave	4	0.198175644
Douglas Ave	4	0.114373629
Charles St	4	0.130271008
Manton Ave	4	0.13115175
Chalkstone Ave	4	0.027336395
Ashburton St	4	0.111222379
Van Ausdall St	4	0.05799374
Academy Ave	4	0.072041876
Academy Ave	4	0.017160588
Westminster St	4	0.072109983
Chalkstone Ave	4	0.033495115
Atwells Ave	4	0.066281258
Hope St	4	0.20429888
Valley St	4	0.11982661
Hope St	4	0.193826685
Broadway	4	0.093062573
Broadway	4	0.316697359
Cranston St	4	0.236178668
Prairie Ave	4	0.232730216
Prairie Ave	4	0.254198133
Potters Ave	4	0.138670553
Potters Ave	4	0.137450624
Potters Ave	4	0.077633363
Potters Ave	4	0.080389956
Potters Ave	4	0.152311551
Gano St	4	0.196474817
Admiral St	4	0.467611648
Admiral St	4	0.29461642
Silver Spring St	4	0.164318656
Admiral St	4	0.16424066
Admiral St	4	0.154076847
Admiral St	4	0.098016154
Luna St	4	0.061160583
Admiral St	4	0.105429031
Charles St	4	0.145657724
Charles St	4	0.074952557
Chalkstone Ave	4	0.146465728
Charles St	4	0.342308239

Charles St	4	0.138533436
Academy Ave	4	0.149683701
Academy Ave	4	0.014826812
Park St	4	0.844845052
Academy Ave	4	0.133620623
Academy Ave	4	0.099602446
Academy Ave	4	0.039249556
Academy Ave	4	0.019215393
Chalkstone Ave	4	0.16063154
Hope St	4	0.247567538
Hope St	4	0.252005452
Gano St	4	0.188569429
Broad St	4	0.065343502
Broadway	4	0.134940689
Broadway	4	0.024755999
Cranston St	4	0.11668751
Laurel Hill Ave	4	0.062204697
Pocasset Ave	4	0.074366113
Prairie Ave	4	0.297660576
	4	0.020406478
Prairie Ave	4	0.141833778
Pavilion Ave	4	0.22367811
Pavilion Ave	4	0.20572254
Cranston St	4	0.180423784
Plainfield St	4	0.212424227
Cranston St	4	0.021578661
Eddy St	4	0.164288463
Cranston St	4	0.149905441
Cranston St	4	0.01599603
Cranston St	4	0.124596633
Thurbers Ave	4	0.197181764
Thurbers Ave	4	0.446561074
Charles St	4	0.087824202
Union Ave	4	0.028094234
Smithfield Ave	4	0.185973347
Admiral St	4	0.116075502
Eaton St	4	0.19934435
Admiral St	4	0.142632186
Admiral St	4	0.038829558
Admiral St	4	0.175602627
Eaton St	4	0.187701936
Douglas Ave	4	0.035153942
Charles St	4	0.515366384
Charles St	4	0.12304159
	4	0.048878558
Academy Ave	4	0.210224276
Academy Ave	4	0.162938545

Academy Ave	4	0.19083448
Academy Ave	4	0.133445582
Academy Ave	4	0.143219037
Academy Ave	4	0.09541745
Dave Gavitt Way	4	0.280414274
Hope St	4	0.246422325
Chalkstone Ave	4	0.05874605
Chalkstone Ave	4	0.060309775
Chalkstone Ave	4	0.050945581
Chalkstone Ave	4	0.028528756
Chalkstone Ave	4	0.07772624
Chalkstone Ave	4	0.20297131
Manton Ave	4	0.061408603
Gano St	4	0.186501492
Hope St	4	0.266004332
Plainfield St	4	0.095320076
Dean St	4	0.153686536
Dean St	4	0.109025668
Point St	4	0.188482674
Valley St	4	0.132607696
Pavilion Ave	4	0.251878291
Cranston St	4	0.178024417
Plainfield St	4	0.184695863
Eddy St	4	0.150665127
Union Ave	4	0.081241895
Eddy St	4	0.091631907
Potters Ave	4	0.151829029
Thurbers Ave	4	0.226326741
Thurbers Ave	4	0.156232111
Hope St	4	0.107066666
	4	0.062520183
Oxford St	4	0.042581062
Broadway	4	0.153168597
Admiral St	4	0.301438828
Phebe St	4	0.107954271
Silver Spring St	4	0.290835089
Eaton St	4	0.093517812
Admiral St	4	0.244361216
Orms St	4	0.118365338
Hope St	4	0.330986097
Thayer St	4	0.18025035
Pitman St	4	0.418847258
Academy Ave	4	0.114429265
Spruce St	4	0.104349464
Brook St	4	0.188564919
Acorn St	4	0.103396211
Memorial Blvd	4	0.180471006

Gano St	4	0.186782417
Chalkstone Ave	4	0.179373762
Chalkstone Ave	4	0.149419315
Chalkstone Ave	4	0.295935341
Butler Ave	4	0.199010193
Butler Ave	4	0.198432093
Valley St	4	0.411624398
Manton Ave	4	0.119754142
Manton Ave	4	0.222966663
Manton Ave	4	0.154366087
Valley St	4	0.245144041
Valley St	4	0.144909696
Valley St	4	0.287884011
Plainfield St	4	0.164451978
Valley St	4	0.449478598
Valley St	4	0.201479156
Broadway	4	0.008154288
Hartford Ave	4	0.354426803
Laurel Hill Ave	4	0.201957041
Laurel Hill Ave	4	0.102293961
Pocasset Ave	4	0.063547723
Prairie Ave	4	0.183337734
Silver Lake Ave	4	0.103720214
Public St	4	0.59336332
Prairie Ave	4	0.028966688
Prairie Ave	4	0.306646176
Spruce St	4	0.316777315
Spruce St	4	0.112252848
Early St	4	0.088170726
Public St	4	0.381328512
Public St	4	0.035337519
Laurel Hill Ave	4	0.03763366
Prairie Ave	4	0.178350787
Pavilion Ave	4	0.605718266
Prairie Ave	4	0.204152132
Washington Ave	4	0.027532024
Barnes St	4	0.063263736
Eddy St	4	0.171294456
Eddy St	4	0.144790575
Cranston St	4	0.249443095
Union Ave	4	0.065314686
Cranston St	4	0.051319155
Cranston St	4	0.221528597
Eddy St	4	0.183409815
Thurbers Ave	4	0.144760488
Thurbers Ave	4	0.141710479
Thurbers Ave	4	0.161075704

Eddy St	4	0.179905008
Thurbers Ave	4	0.017840356
Pitman St	4	0.529208376
Eddy St	4	0.517638044
Dyer St	4	0.287179441
N Main St	4	0.159450972
	4	0.29638045
Sharon St	4	0.15079795
Sharon St	4	0.021120551
Silver Spring St	4	0.066072391
Eaton St	4	0.190320459
Admiral St	4	0.192234584
Douglas Ave	4	0.148069207
Douglas Ave	4	0.147269772
Douglas Ave	4	0.134956865
Douglas Ave	4	0.15251798
Douglas Ave	4	0.153371094
Douglas Ave	4	0.164845298
Douglas Ave	4	0.368718597
Chalkstone Ave	4	0.04228886
Chalkstone Ave	4	0.146538488
Manton Ave	4	0.191051761
Chalkstone Ave	4	0.152851417
Blackstone Blvd	4	0.131860722
Douglas Ave	4	0.106128531
Academy Ave	4	0.045718919
Brook St	4	0.181572308
Brook St	4	0.167843228
Brook St	4	0.15951459
Brook St	4	0.140626601
Chalkstone Ave	4	0.123974475
Chalkstone Ave	4	0.0920918
Chalkstone Ave	4	0.092091698
Butler Ave	4	0.186807731
Chalkstone Ave	4	0.16034974
Chalkstone Ave	4	0.157094421
Chalkstone Ave	4	0.118840886
Chalkstone Ave	4	0.178544989
Gano St	4	0.193982943
Butler Ave	4	0.19117434
Butler Ave	4	0.173035298
Valley St	4	0.152819086
Broadway	4	0.090876742
Broadway	4	0.241573329
Broadway	4	0.074587686
Hayward St	4	0.077928645
Dexter St	4	0.102378754

Messer St	4	0.068189916
Prairie Ave	4	0.117128888
Laurel Hill Ave	4	0.121851605
Prairie Ave	4	0.148750946
Pocasset Ave	4	0.063547722
Prairie Ave	4	0.186352365
Prairie Ave	4	0.260688038
Public St	4	0.2021291
Greenwich St	4	0.209620942
Terrace Ave	4	0.072937272
Cadillac Dr	4	0.402172433
Cadillac Dr	4	0.271595428
	4	0.022161256
	4	0.022161394
Cadillac Dr	4	1.34868404
Eddy St	4	0.373358834
Cranston St	4	0.18912426
Eddy St	4	0.191693576
Plainfield St	4	0.168163094
Union Ave	4	0.240671234
Eddy St	4	0.330684612
Cranston St	4	0.211834558
Plainfield St	4	0.201054095
Thurbers Ave	4	0.144762896
Mt Pleasant Ave	4	0.159505302
	4	0.001053098
Hope St	4	0.126995597
Randall St	4	0.127976462
Orms St	4	0.146399179
Douglas Ave	4	0.143738775
Prairie Ave	4	0.062071757
Memorial Blvd	4	0.177038268
Smithfield Ave	4	0.118781983
Silver Spring St	4	0.205228445
Silver Spring St	4	0.154152187
Silver Spring St	4	0.151091558
Silver Spring St	4	0.160282141
Eaton St	4	0.096450891
Eaton St	4	0.198109013
Admiral St	4	0.05479836
Douglas Ave	4	0.044037904
Charles St	4	0.322978595
	4	0.063198061
Hope St	4	0.24528216
Hope St	4	0.207638326
Chalkstone Ave	4	0.231511152
Chalkstone Ave	4	0.162303661

Acorn St	4	0.093008651
Brook St	4	0.154040941
Amherst St	4	0.023811
Benefit St	4	0.257057087
Killingly St	4	0.103582239
Killingly St	4	0.225999491
Chalkstone Ave	4	0.537381549
Chalkstone Ave	4	0.1665265
Butler Ave	4	0.188877407
Manton Ave	4	0.097073059
Manton Ave	4	0.098850055
Butler Ave	4	0.187829797
Gano St	4	0.196329804
Mt Pleasant Ave	4	0.143421823
Mt Pleasant Ave	4	0.148450537
Gano St	4	0.187518085
Broadway	4	0.166802091
Broadway	4	0.17843361
Hartford Ave	4	0.196997479
Prairie Ave	4	0.156832626
Pearl St	4	0.106349349
Pocasset Ave	4	0.13182264
Prairie Ave	4	0.291352376
Prairie Ave	4	0.23738251
Ethan St	4	0.09085027
Ethan St	4	0.086026859
Prairie Ave	4	0.17432385
Laurel Hill Ave	4	0.141594494
Public St	4	0.042305632
	4	0.024473454
Vermont Ave	4	0.100506716
Plainfield St	4	0.239541366
Cranston St	4	0.128919242
Cranston St	4	0.165009524
Eddy St	4	0.038998588
Cranston St	4	0.195491051
Messer St	4	0.16802953
Plainfield St	4	0.175073424
Cranston St	4	0.186567233
Cranston St	4	0.197003716
Union Ave	4	0.064439857
Cranston St	4	0.23816507
Thurbers Ave	4	0.141471461
Broad St	4	0.174896465
Broad St	4	0.029525787
Manton Ave	4	0.050940098
Charles St	4	0.39486378

Star St	4	0.017454791
Broad St	4	0.221686843
Prairie Ave	4	0.116554698
N Main St	4	0.270974741
Sharon St	4	0.128718047
Felix Mirando Way	4	0.350330972
Sharon St	4	0.153952534
Silver Spring St	4	0.378107554
Eaton St	4	0.129216932
Eaton St	4	0.282957337
Eaton St	4	0.193403787
Eaton St	4	0.190806462
Eaton St	4	0.102913464
Douglas Ave	4	0.035402076
Douglas Ave	4	0.11993003
Charles St	4	0.542083806
Douglas Ave	4	0.799624002
Charles St	4	0.271190113
Oakland Ave	4	0.182376645
Oakland Ave	4	0.173854474
Oakland Ave	4	0.192369576
Oakland Ave	4	0.178445639
Oakland Ave	4	0.409262189
Chalkstone Ave	4	0.064744257
Charles St	4	0.21374673
Blackstone Blvd	4	0.173162434
Manton Ave	4	0.151520315
Blackstone Blvd	4	0.192294804
Brook St	4	0.0632049
Brook St	4	0.113568683
Kinsley Ave	4	0.14845174
Brook St	4	0.11064842
Weybosset St	4	0.11354382
Brook St	4	0.267060793
Courtland St	4	0.126277125
Killingly St	4	0.109218056
Killingly St	4	0.271958636
Courtland St	4	0.164335281
Courtland St	4	0.028490882
Richmond St	4	0.248873094
Chalkstone Ave	4	0.236680405
Lloyd Ave	4	0.032898683
Hope St	4	0.247510556
Butler Ave	4	0.088104863
Manton Ave	4	0.75209491
Butler Ave	4	0.221791407
Manton Ave	4	0.767851812

Manton Ave	4	0.423181685
Valley St	4	0.148404617
Manton Ave	4	0.28766522
Hope St	4	0.303816806
Mt Pleasant Ave	4	0.136770472
Gano St	4	0.268140773
Mt Pleasant Ave	4	0.134495388
Manton Ave	4	0.185631697
Manton Ave	4	0.093765593
Broadway	4	0.160000397
Manton Ave	4	0.06660247
Broadway	4	0.178745981
Stewart St	4	0.1261437
Hartford Ave	4	0.117394711
Atwood St	4	0.288591693
Prairie Ave	4	0.229919719
Laurel Hill Ave	4	0.20310949
Laurel Hill Ave	4	0.158254711
Prairie Ave	4	0.19329334
Prairie Ave	4	0.420570372
Early St	4	0.991957451
Prairie Ave	4	0.378963864
Cranston St	4	0.504257933
Stewart St	4	0.104604394
Point St	4	0.078248238
Cranston St	4	0.160854977
Cranston St	4	0.252930467
Eddy St	4	0.219970717
Manton Ave	4	0.175697623
Brook St	4	0.497000868
Huntington Ave	4	0.088218495
Broadway	4	0.221451101
Douglas Ave	4	0.073115541
Douglas Ave	4	0.051239159
Argol St	4	0.070936412
Argol St	4	0.08090275
Smithfield Ave	4	0.085985183
Argol St	4	0.033247922
General St	4	0.218535863
Ledge St	4	0.050424852
General St	4	0.179072101
Silver Spring St	4	0.417501028
Sharon St	4	0.08754723
Silver Spring St	4	0.150193407
Silver Spring St	4	0.225048932
Enfield Ave	4	0.074786271
Eaton St	4	0.191315001

Eaton St	4	0.077524118
Eaton St	4	0.183793331
Douglas Ave	4	0.040566602
River Ave	4	0.152228193
Douglas Ave	4	0.035979785
Arlington Ave	4	0.122479012
Hope St	4	0.022485753
Hope St	4	0.034993199
Blackstone Blvd	4	0.187817158
Manton Ave	4	0.18887346
Blackstone Blvd	4	0.307077976
Arlington Ave	4	0.117861758
Pleasant Valley Pky	4	0.084070892
Benefit St	4	0.065391034
Memorial Blvd	4	0.400614782
Providence Pl	4	0.096443989
Brook St	4	0.198880606
Fountain St	4	0.027162513
Brook St	4	0.244566051
Washington St	4	0.020454737
Harris Ave	4	0.587335759
Weybosset St	4	0.151497281
Governor St	4	0.086582778
Weybosset St	4	0.165505899
Clifford St	4	0.161116655
Killingly St	4	0.023613116
Angell St	4	0.254251375
Valley St	4	0.131723588
Hope St	4	0.167224126
Butler Ave	4	0.12717932
Hope St	4	0.228094256
Mt Pleasant Ave	4	0.150539291
Manton Ave	4	0.051970637
Mt Pleasant Ave	4	0.207628013
Mt Pleasant Ave	4	0.178323212
Broadway	4	0.184010375
Broadway	4	0.018112668
Broadway	4	0.254512636
Broadway	4	0.228176321
Broadway	4	0.217973462
Broadway	4	0.184757323
Manton Ave	4	0.151534666
Manton Ave	4	0.019396897
Manton Ave	4	0.035608147
Cranston St	4	0.540380672
Messer St	4	0.206158688
Pocasset Ave	4	0.176821333

Mott St	4	0.039091524
Sunset Ave	4	0.016069286
Killingly St	4	0.026580353
Killingly St	4	0.16235075
Pocasset Ave	4	0.320788256
Killingly St	4	0.358815158
Pocasset Ave	4	0.191180642
Prairie Ave	4	0.195086787
Pocasset Ave	4	0.921630451
Dexter St	4	0.120362179
Pocasset Ave	4	0.051080046
Pocasset Ave	4	0.222742039
Pocasset Ave	4	0.096769129
Ethan St	4	0.149527348
Pocasset Ave	4	0.109587341
Laurel Hill Ave	4	0.265079544
	4	0.020704762
Laurel Hill Ave	4	0.288026621
	4	0.055123917
	4	0.017022896
Cranston St	4	0.267840022
Plainfield St	4	0.032140572
Plainfield St	4	0.046667008
Webster Ave	4	0.191783039
Union Ave	4	0.401143762
Webster Ave	4	0.184782083
Webster Ave	4	0.186777709
Union Ave	4	0.056571105
Union Ave	4	0.193484483
Union Ave	4	0.397121091
Webster Ave	4	0.066449055
Union Ave	4	0.262819326
Olney St	4	0.054386
Broad St	4	0.028307827
Broad St	4	0.043538159
Hope St	4	0.240829191
Hope St	4	0.191897476
Manton Ave	4	0.175772606
N Main St	4	0.065471056
Laurel Hill Ave	4	0.333692979
Point St	4	0.000532604
Overpass	4	0.00042254
Overpass	4	0.000122683
Prairie Ave	4	0.114203599
Smithfield Ave	4	0.032127427
Argol St	4	0.034606469
Sharon St	4	0.112856653

Isabella Ave	4	0.217148745
Sharon St	4	0.116254449
Admiral St	4	0.092831053
Silver Spring St	4	0.364792252
Sharon St	4	0.065467598
Silver Spring St	4	0.191828681
Eaton St	4	0.298328002
Eaton St	4	0.29046533
Douglas Ave	4	0.186603131
Charles St	4	0.096499742
Douglas Ave	4	0.103147773
River Ave	4	0.150438318
Douglas Ave	4	0.239813682
Branch Ave	4	0.155037992
River Ave	4	0.169961338
Oakland Ave	4	0.245335615
Hope St	4	0.254274646
River Ave	4	0.172453271
Blackstone Blvd	4	0.188831029
Hope St	4	0.028964864
Hope St	4	0.043004883
River Ave	4	0.201146628
Hope St	4	0.129431305
Charles St	4	0.235939245
Hope St	4	0.131405816
Blackstone Blvd	4	0.192420635
Hope St	4	0.27630065
Mt Pleasant Ave	4	0.195821154
Hope St	4	0.354740268
Olney St	4	0.214719631
Hope St	4	0.254078471
Blackstone Blvd	4	0.305180146
Orms St	4	0.222400765
Pleasant Valley Pky	4	0.477670236
Arlington Ave	4	0.044575667
Angell St	4	0.073376259
Weybosset St	4	0.057357494
Fountain St	4	0.195708009
Weybosset St	4	0.113826974
Washington St	4	0.249915427
Hope St	4	0.063105486
Mt Pleasant Ave	4	0.404866724
Mt Pleasant Ave	4	0.226095072
Broadway	4	0.097033625
Broadway	4	0.180821096
Glenbridge Ave	4	0.535889869
Union Ave	4	0.363455637

Stewart St	4	0.273004301
Stewart St	4	0.179170102
Point St	4	0.109314079
Killingly St	4	0.074754969
Prairie Ave	4	0.308831293
Dexter St	4	0.194774808
Fricker St	4	0.616535461
Killingly St	4	0.366444295
Killingly St	4	0.187852848
Dorchester Ave	4	0.184125458
Dexter St	4	0.241710079
Dexter St	4	0.172795752
Messer St	4	0.087499543
Stanton St	4	0.166235559
Laurel Hill Ave	4	0.148378762
Pocasset Ave	4	0.068730425
Updike St	4	0.084481846
Oxford St	4	0.287316321
Public St	4	0.212992504
	4	0.022599633
Oconnor St	4	0.05173787
	4	0.019288642
Montgomery Ave	4	0.110468073
Plainfield St	4	0.108580642
Plainfield St	4	0.105235592
Webster Ave	4	0.179349492
Webster Ave	4	0.184306592
Webster Ave	4	0.184323208
Webster Ave	4	0.185827912
Union Ave	4	0.181624958
Webster Ave	4	0.18483759
Plainfield St	4	0.267128422
Webster Ave	4	0.187810889
Union Ave	4	0.458854355
Union Ave	4	0.127680659
Thurbers Ave	4	0.154008816
Broad St	4	0.064756002
Eddy St	4	0.17456554
Blackstone Blvd	4	0.502595687
Mt Pleasant Ave	4	0.682888787
Plainfield St	4	0.3533217
N Main St	4	0.321548957
Pocasset Ave	4	0.16300283
Atlantic Ave	4	7.26526E-05
	4	0.003103342
Overpass	4	0.000420249
Overpass	4	0.000155889

Charles St	4	0.124508721
Douglas Ave	4	0.072124197
Metcalf St	4	0.040424295
Metcalf St	4	0.091065034
Douglas Ave	4	0.093365405
Murray St	4	0.065207936
Argol St	4	0.080199892
Argol St	4	0.07880742
Argol St	4	0.152863727
General St	4	0.32346444
Gentian Ave	4	0.064838032
Sharon St	4	0.045392471
Sharon St	4	0.118208531
Sharon St	4	0.053799885
Coggeshall St	4	0.186506743
Eaton St	4	0.173321151
Malbone St	4	0.274247184
Dome St	4	0.187367475
Charles St	4	0.023381404
Douglas Ave	4	0.215222335
Rochambeau Ave	4	0.228425028
Charles St	4	0.102806947
Branch Ave	4	0.155157963
Elmgrove Ave	4	0.19857154
Branch Ave	4	0.15137244
River Ave	4	0.485899131
Mt Pleasant Ave	4	0.503288956
River Ave	4	0.180918537
Hope St	4	0.162883961
River Ave	4	0.186060533
River Ave	4	0.176465907
Blackstone Blvd	4	0.698699192
Blackstone Blvd	4	0.219448028
River Ave	4	0.679641527
River Ave	4	0.381169261
Blackstone Blvd	4	0.193735052
Olney St	4	0.24654588
Lloyd Ave	4	0.167639695
Blackstone Blvd	4	0.173154124
Blackstone Blvd	4	0.039752351
Angell St	4	0.205620589
Pleasant Valley Pky	4	0.381337401
Arlington Ave	4	0.176440402
Irving Ave	4	0.19956906
Washington Pl	4	0.133527977
Amherst St	4	0.032136738
Governor St	4	0.081332474

Weybosset St	4	0.243512559
Fountain St	4	0.051114732
Fountain St	4	0.115602711
Weybosset St	4	0.157461971
Amherst St	4	0.028435538
Fountain St	4	0.166375494
Mathewson St	4	0.097069764
Fountain St	4	0.100133471
Washington St	4	0.119728814
Weybosset St	4	0.071835159
Killingly St	4	0.090438948
Harris Ave	4	0.096828084
Killingly St	4	0.108596985
Lockwood St	4	0.238594053
Harris Ave	4	0.143219103
Courtland St	4	0.165411108
Killingly St	4	0.096749065
Bodell Ave	4	0.064939625
Manton Ave	4	0.245117745
Manton Ave	4	0.022121337
Valley St	4	0.268911966
Thayer St	4	0.114429629
Thayer St	4	0.096295952
Valley St	4	0.14571529
Exchange Ter	4	0.595405056
Valley St	4	0.184763984
Exchange Ter	4	0.135193448
Manton Ave	4	0.193862314
Manton Ave	4	0.059863606
Manton Ave	4	0.029094417
Manton Ave	4	0.211333186
Atwells Ave	4	0.237426625
Manton Ave	4	0.113787216
Atwells Ave	4	0.037349912
Manton Ave	4	0.197110858
Manton Ave	4	0.144639998
Manton Ave	4	0.063589334
Manton Ave	4	0.111548707
Glenbridge Ave	4	0.184974012
Manton Ave	4	0.1312613
Manton Ave	4	0.059134142
Manton Ave	4	0.181455483
Manton Ave	4	0.013385823
Manton Ave	4	0.240630286
Manton Ave	4	0.02637453
Manton Ave	4	0.13145397
Manton Ave	4	0.135518806

Manton Ave	4	0.177263229
Stewart St	4	0.20452893
Manton Ave	4	0.301297903
Manton Ave	4	0.15952732
Harris Ave	4	0.530258756
Mercy St	4	0.450294558
Beacon Ave	4	0.139819565
Pearl St	4	0.262570548
Daniel Ave	4	0.025326726
Ford St	4	0.066920951
Pocasset Ave	4	0.096769262
Oxford St	4	0.360882357
Oxford St	4	0.139420565
Dexter St	4	0.146380266
Houston St	4	0.104513084
Niagara St	4	0.160788228
	4	0.020300034
Baker St	4	0.410323573
	4	0.022168406
Exit 1	4	0.036428162
McKinley St	4	0.021454991
Weybosset St	4	0.031539081
Weybosset St	4	0.062643154
Weybosset St	4	0.190599507
Point St	4	0.233743844
Webster Ave	4	0.331722593
Plainfield St	4	0.266839361
Plainfield St	4	0.628892379
Union Ave	4	0.127925025
Union Ave	4	0.042450607
Union Ave	4	0.068650732
Union Ave	4	0.191259598
Union Ave	4	0.39362516
Cranston St	4	0.104984454
Union Ave	4	0.548799996
Union Ave	4	0.52988737
Eddy St	4	0.032215534
Eddy St	4	0.06576511
Manton Ave	4	0.130180942
Pocasset Ave	4	0.165908579
Promenade St	4	0.260740913
Huntington Ave	4	0.140313893
	4	0.115685079
Huntington Ave	4	0.079996622
Oxford St	4	0.20097133
River Ave	4	0.171997563
Broadway	4	0.193684389

Glenbridge Ave	4	0.06954177
Glenbridge Ave	4	0.103691039
	4	0.000210817
Eagle St	4	0.189046202
Glenbridge Ave	4	0.053233368
Orms St	4	0.003420254
Silver Spring St	4	0.084698782
Mt Pleasant Ave	4	0.061871518
Elmcrest Ave	4	0.029803217
Thackery St	4	0.019640129
Congress Ave	4	0.021388387
Enfield Ave	4	0.237258477
Havana St	10	0.418218943
Gentian Ave	10	0.453444062
Texas Ave	10	0.335725946
South Ln	10	0.416819413
Sharon St	10	0.105382887
Sharon St	10	0.29002783
Corina St	10	0.378034143
Pleasant Valley Pky	10	0.525911561
Pleasant Valley Pky	10	0.340646598
Sharon St	10	0.923154348
Sharon St	10	0.448670533
Eaton St	10	0.024203825
Eaton St	10	1.104011465
Pinehurst Ave	10	1.280157451
Malbone St	10	0.468572395
Radcliffe Ave	10	1.355577262
Dome St	10	0.685701495
Pembroke Ave	10	1.442275053
Upton Ave	10	0.554006021
Douglas Ave	10	0.448954259
Douglas Ave	10	0.324129071
Blackstone Blvd	10	0.758268162
Blackstone Blvd	10	0.487198319
Branch Ave	10	1.069359286
Blackstone Blvd	10	0.429598653
Charles St	10	0.211938859
Charles St	10	0.262641869
River Ave	10	0.345143517
Charles St	10	0.209322169
Charles St	10	0.795550951
Branch Ave	10	0.556851642
Branch Ave	10	0.239208405
Mt Pleasant Ave	10	0.782647906
River Ave	10	0.675050524
Hope St	10	0.410016319

Hawkins St	10	0.352686742
Mt Pleasant Ave	10	0.216527158
Hope St	10	0.428338797
Hope St	10	0.052442579
Hope St	10	0.485704689
Mt Pleasant Ave	10	0.120805603
Hope St	10	0.281071391
Mt Pleasant Ave	10	0.373516759
Mt Pleasant Ave	10	0.244196209
Mt Pleasant Ave	10	0.92773078
Hope St	10	0.39104319
Elmgrove Ave	10	0.319168006
Hope St	10	0.494720438
Hope St	10	0.277242763
Blackstone Blvd	10	0.47333409
Olney St	10	0.470038983
Olney St	10	0.494016646
Olney St	10	0.864490051
Olney St	10	0.46933715
Olney St	10	0.237755758
Lloyd Ave	10	0.436567578
Elmgrove Ave	10	0.431904002
Orms St	10	0.407131784
Candace St	10	0.271164328
	10	0.251534785
Irving Ave	10	0.500126888
Ada Ave	10	0.386082924
Irving Ave	10	0.448447308
Taber Ave	10	0.43542692
Common St	10	0.17620898
Brook St	10	0.606177295
Almira Ave	10	0.043637269
Ada Ave	10	0.378292013
Sisson St	10	0.176787796
Rushmore Ave	10	0.366141959
Rushmore Ave	10	0.366140092
Memorial Blvd	10	0.391626084
Rushmore Ave	10	0.516151799
Washington St	10	0.294895994
Washington St	10	0.389526907
Westminster St	10	0.12575121
Washington St	10	0.416806593
Peck St	10	0.335167599
Harris Ave	10	2.309340076
Carpenter St	10	0.726934541
Washington St	10	0.26613814
Williams St	10	0.924309469

Washington St	10	0.463856382
Friendship St	10	0.376465937
Federal St	10	0.387711027
Empire St	10	0.42077474
Legion Memorial Dr	10	0.87309769
Messer St	10	0.048840718
Boundary Ave	10	0.203780091
Killingly St	10	0.136103798
Orms St	10	0.410548925
River Ave	10	0.824399947
River Ave	10	1.456175212
S Angell St	10	0.158581257
River Ave	10	0.457354681
Angell St	10	0.442618936
Angell St	10	0.436971749
Mt Pleasant Ave	10	0.578315466
Angell St	10	0.43184165
Angell St	10	0.08473034
Angell St	10	0.659153799
Valley St	10	0.746964984
Glenbridge Ave	10	0.742772265
Glenbridge Ave	10	0.456212659
Glenbridge Ave	10	0.425548381
Glenbridge Ave	10	0.22784884
Valley St	10	0.453553214
Eddy St	10	0.314293921
Glenbridge Ave	10	0.230459441
Glenbridge Ave	10	0.227948666
Power St	10	0.696552403
Power St	10	0.657927152
Broadway	10	0.191025326
Glenbridge Ave	10	0.519424685
Killingly St	10	0.191512773
Lowell Ave	10	0.804959995
Sunset Ave	10	0.539773019
Sunset Ave	10	0.511150502
Sunset Ave	10	0.380955413
Friendship St	10	0.186235556
Sunset Ave	10	0.418772411
Sunset Ave	10	1.146546789
Lecia Dr	10	0.231724037
Silver Lake Ave	10	1.19342655
Ethan St	10	0.556771269
Pearl St	10	0.826636621
Pearl St	10	0.452668664
Chapin Ave	10	1.666418668
Chapin Ave	10	0.668718952

Lowell Ave	10	0.950346236
Sanford St	10	0.466135874
Mercy St	10	1.04785581
Sibyl St	10	0.501745044
Daniel Ave	10	0.960367532
Westerly Ave	10	0.307566593
Westerly Ave	10	0.39014248
Sibyl St	10	0.472641297
Mercy St	10	1.126856944
Dexter St	10	0.407022741
Ethan St	10	0.411912856
Silver Lake Ave	10	0.294455236
Sherry St	10	0.944159387
Dexter St	10	0.266410448
Reservoir Ave	10	0.782747178
Reservoir Ave	10	0.079373342
	10	0.10661832
Niagara St	10	0.486251168
Ellenfield St	10	0.337064509
Baker St	10	0.891797934
Hawthorne Rd	10	0.460727616
F C Greene Memorial	10	0.48998241
F C Greene Memorial	10	0.172314116
F C Greene Memorial	10	0.47614972
Niagara St	10	0.478262681
Detroit Ave	10	1.343616519
Tennessee Ave	10	0.348642593
Union Ave	10	0.521908338
Union Ave	10	0.297985542
Plainfield St	10	0.694235201
Eddy St	10	0.161076942
Union Ave	10	0.145796111
Union Ave	10	0.400754449
Broad St	10	0.28928684
Union Ave	10	0.734512836
Broad St	10	0.479152365
Eddy St	10	0.400916768
Eddy St	10	0.149989498
Eddy St	10	0.402692841
Eddy St	10	0.400145201
River Ave	10	0.565673019
Olney St	10	1.030270308
River Ave	10	1.416922101
Reservoir Ave	10	0.47430814
	10	0.015497305
Washington St	10	0.629982833
Thayer St	10	1.208922574

Union Ave	10	0.560055965
Overpass	10	0.000225088
Overpass	10	0.000272459
Eagle St	10	0.373276073
N Main St	10	0.210535577
Orms St	10	0.12484668
Camden Ave	10	0.15996937
Mutual Pl	10	0.142924093
Mutual Pl	10	0.128326372
Belden St	10	0.043817521
Argol St	9	0.151969285
Edgeworth Ave	9	0.998330572
Argol St	9	0.355598179
Argol St	9	0.148870835
Smithfield Ave	9	0.113677659
Argol St	9	0.273751782
Burns St	9	1.596566075
Academy Ave	9	0.959623699
Burns St	9	0.813353869
Sandringham Ave	9	1.675467887
Sandringham Ave	9	0.384137859
Burns St	9	0.466596686
General St	9	0.487902065
Sunbury St	9	0.856226566
Waite St	9	1.043805215
Northup Ave	9	0.289441931
Gentian Ave	9	0.521595892
Waite St	9	1.029264754
Gentian Ave	9	0.474808934
Veazie St	9	0.734255104
	9	0.226149281
Sharon St	9	0.434347086
Eaton St	9	0.44987403
Eaton St	9	0.405137205
Eaton St	9	0.429710618
Eaton St	9	0.337312209
	9	0.227281783
	9	0.096422145
Sweetbriar St	9	0.41488688
Upton Ave	9	0.443340195
Upton Ave	9	0.353854797
Malbone St	9	0.395709169
Corliss St	9	2.150568639
Charles St	9	0.329665274
Hope St	9	0.127343953
Douglas Ave	9	0.335654245
Blackstone Blvd	9	0.676019672

Hope St	9	0.319357921
Hope St	9	0.121420966
Branch Ave	9	1.037679397
River Ave	9	0.859816982
Branch Ave	9	0.778106984
Mt Pleasant Ave	9	0.298715973
Rochambeau Ave	9	0.110882525
Hawkins St	9	0.335007343
Blackstone Blvd	9	1.092571099
Blackstone Blvd	9	0.427240832
Elmgrove Ave	9	1.238541563
Elmgrove Ave	9	0.707426849
Blackstone Blvd	9	0.419591601
Elmgrove Ave	9	0.445933649
Hope St	9	0.364272206
Elmgrove Ave	9	0.404006291
Elmgrove Ave	9	0.48027596
Mt Pleasant Ave	9	0.441320007
Chalkstone Ave	9	0.118847704
Chalkstone Ave	9	0.235036527
Orms St	9	0.267876908
River Ave	9	0.405497063
Maude St	9	0.409943686
Convent St	9	0.598987861
Pleasant Valley Pky	9	0.963277587
Taber Ave	9	0.570596639
Pleasant Valley Pkwy	9	0.134243487
Pleasant Valley Pky	9	0.419921437
Taber Ave	9	0.399264072
Prospect St	9	0.045159741
Prospect St	9	0.45583082
Rosebank Ave	9	1.328887377
Ada Ave	9	0.340402477
Brook St	9	0.409758143
Arlington Ave	9	0.692570639
Congdon St	9	0.631289274
Sisson St	9	0.418011126
Governor St	9	0.254420564
Prospect St	9	0.046257861
Prospect St	9	0.400199348
Taber Ave	9	0.386484046
Bowen St	9	0.651518525
Brook St	9	0.469049511
Regent Ave	9	0.444518515
Taber Ave	9	0.408024986
Harold St	9	0.463409696
George St	9	0.636430274

George St	9	0.181331031
Harold St	9	0.429800618
Sisson St	9	0.801371394
Brook St	9	0.304302047
Actinia St	9	0.355786463
Kinsley Ave	9	0.634619967
Brook St	9	0.337983847
Sisson St	9	0.323227404
Kinsley Ave	9	1.070835611
Sisson St	9	0.325327166
Harold St	9	0.4826195
Maynard St	9	0.767773304
Rushmore Ave	9	0.317683945
Maynard St	9	0.336795537
Kinsley Ave	9	1.483682602
Sisson St	9	0.318769559
Harold St	9	0.46490923
Kinsley Ave	9	0.664412309
Sisson St	9	0.325564428
Rill St	9	0.249082388
Kinsley Ave	9	0.337296849
Amherst St	9	0.074820853
Mathewson St	9	0.363953926
George St	9	0.840064367
Kennedy Plz	9	0.549673834
Fountain St	9	0.24795096
Westminster St	9	0.26022827
Barbara St	9	0.406074133
Benefit St	9	0.104566935
Barbara St	9	0.413012415
Barbara St	9	0.362008935
Spruce St	9	0.317240036
Grimwood St	9	0.35762022
Pine St	9	0.316429557
Barbara St	9	0.452945271
Empire St	9	0.368927174
Middleton St	9	1.189413926
Weybosset St	9	0.196609444
Grimwood St	9	0.408577071
Grimwood St	9	0.415185681
Governor St	9	0.224105852
Bradford St	9	0.648378113
Pine St	9	0.183202659
Westminster St	9	0.273641612
Mathewson St	9	0.549691702
Westminster St	9	0.242630145
Bowlet St	9	0.53995534

Westminster St	9	0.222675132
Stella St	9	0.614913803
Barbara St	9	0.404885233
Grimwood St	9	0.454888867
Barbara St	9	0.367607756
Weybosset St	9	0.222261563
Mathewson St	9	0.348335214
Barbara St	9	0.413398748
Barbara St	9	0.36760506
Ponagansett Ave	9	0.367498488
Messer St	9	0.092517947
Melissa St	9	0.407163285
Wickham St	9	0.700217872
Celia St	9	1.290470583
Ponagansett Ave	9	0.402778636
Dresser St	9	0.885591244
Stella St	9	1.188777945
King Philip St	9	1.192881922
Melissa St	9	0.372656233
S Water St	9	0.635686126
S Water St	9	0.691222115
Bowlet St	9	1.199407357
Elmgrove Ave	9	0.400202533
Valley St	9	0.6698502
Valley St	9	0.543235798
Angell St	9	0.513596068
Valley St	9	0.818003915
Angell St	9	0.42192745
Angell St	9	0.891420888
Angell St	9	0.325853984
Valley St	9	0.404497872
Valley St	9	0.623583118
Power St	9	0.783977748
Eddy St	9	0.405563439
Broadway	9	0.324225906
Power St	9	0.355867422
Gano St	9	0.167219066
Broadway	9	0.045659243
Point St	9	0.550233874
Courtland St	9	0.610168988
Sprague St	9	0.480742593
Ethan St	9	0.346755052
Parade St	9	0.410386285
Killingly St	9	0.837167586
Hospital St	9	0.423752922
Messer St	9	0.573566362
Lockwood St	9	0.139153898

Farmington Ave	9	0.19993562
Lecia Dr	9	0.366408265
Aurelia Dr	9	0.680841408
Killingly St	9	0.876167824
Lockwood St	9	0.268387284
Springfield St	9	0.405506203
Roda Dr	9	0.541461488
Messer St	9	0.491273634
Friendship St	9	0.201043524
Messer St	9	0.124982048
Jacqueline Dr	9	0.352771296
Lecia Dr	9	0.374395884
Messer St	9	0.191364222
Legion Memorial Dr	9	0.156422714
Somerset St	9	0.359275248
Messer St	9	0.225247868
Bancroft St	9	0.213679236
Magnolia St	9	0.174589814
Messer St	9	0.424265738
Wood St	9	1.008936769
Barrows St	9	0.569611852
Harlam St	9	0.410664747
Somerset St	9	0.40066435
Pearl St	9	0.267807691
Messer St	9	0.448374454
Dorchester Ave	9	0.417622615
Barrows St	9	0.721270652
Daniel Ave	9	1.183101449
What Cheer Ave	9	0.85549448
What Cheer Ave	9	1.106314966
Messer St	9	0.221258579
Barrows St	9	0.365135281
Harlam St	9	0.340237738
Messer St	9	0.255462338
Lowell Ave	9	1.074800797
Daniel Ave	9	1.016805235
Sophia St	9	0.46748941
Bristol Ave	9	0.40051313
Westerly Ave	9	0.404961872
Wakefield Ave	9	0.389187482
Bristol Ave	9	0.405457374
Waverly St	9	0.58273448
Sprague St	9	0.592272538
Murray St	9	0.619177249
Sprague St	9	0.771964133
Ellery St	9	0.36585566
Ethan St	9	0.340865913

Simmons St	9	0.729806424
Murray St	9	0.362954083
Sibyl St	9	0.438972597
Murray St	9	0.623431895
Moorefield St	9	0.933468363
Bucklin St	9	0.352066531
Murray St	9	0.40118938
Stanton St	9	0.392011317
Simmons St	9	1.107694033
Silver Lake Ave	9	0.478375642
Moorefield St	9	0.172433289
Evelyn St	9	0.596001693
Murray St	9	0.625561363
Oconnell St	9	0.501680751
Silver Lake Ave	9	0.784886655
Huntington Ave	9	0.468772778
Silver Lake Ave	9	0.741604876
Swan St	9	0.585611989
Dexter St	9	0.39034404
Sayles St	9	0.344464599
Sayles St	9	0.347173435
Oxford St	9	0.217575465
Dexter St	9	0.416960246
Mercy St	9	0.253991452
Hawthorne Rd	9	2.812312422
Alabama Ave	9	1.465954216
Reservoir Ave	9	0.515651554
Sackett St	9	0.93305345
Sackett St	9	0.925601769
Oconnor St	9	0.258345336
Baker St	9	0.428191702
Detroit Ave	9	0.981445594
F C Greene Memorial	9	0.319734506
F C Greene Memorial	9	0.34558451
Hawthorne Rd	9	0.24437419
Hawthorne Rd	9	0.170547305
Hawthorne Rd	9	0.164454186
Hawthorne Rd	9	0.327442403
Governor St	9	0.164250154
Dixon St	9	0.047609329
Thurston St	9	0.048253588
Huntington Ave	9	0.342763543
Huntington Ave	9	0.345234271
Olney St	9	0.370191903
Broad St	9	0.097950876
Eddy St	9	0.319268995
Eddy St	9	0.273702234

Broad St	9	0.312006843
Power St	9	0.556616583
Power St	9	0.651854189
S Water St	9	0.559421013
Hawthorne Rd	9	0.42078485
Linden Ave	9	0.47446739
Gano St	9	0.911054044
S Water St	9	0.263229954
Valley St	9	0.764934304
Carlisle St	9	0.052319313
	9	2.213698639
	9	1.074889569
Langdon St	8	0.268790289
Langdon St	8	0.263622369
Langdon St	8	0.03911416
Langdon St	8	0.259824079
Langdon St	8	0.104530656
Langdon St	8	0.259564802
Langdon St	8	0.22539262
Langdon St	8	0.204300553
Langdon St	8	0.170600914
Swift St	8	0.634559408
Langdon St	8	0.191662878
Depinedo St	8	0.639126615
Joseph St	8	0.664387625
Lubec St	8	0.842269044
Havana St	8	0.298354589
Lubec St	8	0.722737831
Lubec St	8	0.295261083
Burleigh St	8	0.23911424
Havana St	8	0.305636643
Ledge St	8	0.100339527
Ledge St	8	0.277702376
	8	0.205652469
Hyacinth St	8	0.366601242
Lorimer Ave	8	0.3777691
Corina St	8	0.292135733
Hazael St	8	0.305836167
General St	8	0.458973158
General St	8	0.324098188
Hyacinth St	8	0.368535049
Hugo St	8	0.348008884
Veazie St	8	0.1076003
Shiloh St	8	0.394179134
Phebe St	8	0.752727482
Harwol Ct	8	0.749662876
Middle Dr	8	0.775645012

West Dr	8	0.829012696
Fair St	8	0.366644817
Lorimer Ave	8	0.134999024
Winona St	8	0.814441589
Lorimer Ave	8	0.104696629
Gentian Ave	8	0.287330513
Northup Ave	8	0.111860905
Winona St	8	0.618939027
Northup Ave	8	0.225739628
Lorimer Ave	8	0.129259521
Middle Dr	8	0.197116131
Northup Ave	8	0.311564405
Northup Ave	8	0.367800089
Grand Broadway St	8	0.309483404
Middle Dr	8	0.228485591
Kentland Ave	8	0.946545819
Dallas Aly	8	0.337149651
Grand Broadway St	8	0.299794369
Glasgow St	8	0.356471932
Veazie St	8	1.317368184
Clove St	8	0.349810707
Gloucester St	8	0.879992033
Texas Ave	8	2.151162304
Wainwright St	8	0.759126324
Stansbury St	8	1.438808694
Isabella Ave	8	0.542671245
Clove St	8	0.223436917
Glasgow St	8	0.311120224
Cumberland St	8	0.611301286
Vandewater St	8	1.430469803
Funston Ave	8	2.276713269
Isabella Ave	8	1.587686018
Gloucester St	8	0.846260837
Wainwright St	8	0.897998368
Cumberland St	8	0.948849149
Messina St	8	1.36546499
Virginia Ln	8	0.30664737
Loveday St	8	0.411008852
Sandringham Ave	8	0.385909345
Sandringham Ave	8	0.366133028
Enfield Ave	8	0.452947136
W River St	8	1.634735687
Taber Ave	8	0.440544785
Sharon St	8	0.207006208
Enfield Ave	8	1.492426217
Tyndall Ave	8	1.187694896
	8	0.063445679

Tyndall Ave	8	0.348073884
Sweetbriar St	8	0.339664584
Upton Ave	8	0.759782516
Chad Brown St	8	0.428536661
Chad Brown St	8	0.373640732
Taber Ave	8	0.417654561
	8	0.199010501
Sparrow St	8	0.556517409
Freeman Pky	8	0.362662024
Charles St	8	0.368281555
Charles St	8	0.328249237
Charles St	8	0.13362422
Hawkins St	8	0.294368101
Hope St	8	0.375598136
Blackstone Blvd	8	0.389899874
Rochambeau Ave	8	0.801991887
Rochambeau Ave	8	0.139071464
Hawkins St	8	0.183928214
Charles St	8	0.279821884
Blackstone Blvd	8	0.743007022
Branch Ave	8	0.135685365
River Ave	8	0.809664197
Hawkins St	8	0.399409783
Hope St	8	0.383186065
Blackstone Blvd	8	0.400228243
Hawkins St	8	0.390607534
Hawkins St	8	0.471348846
Hope St	8	0.243965258
Branch Ave	8	0.474146803
Branch Ave	8	0.098521981
Olney St	8	1.601532373
Branch Ave	8	0.583975618
Branch Ave	8	0.364747651
Elmgrove Ave	8	0.348167954
Hope St	8	0.383687596
Blackstone Blvd	8	0.383487509
Mt Pleasant Ave	8	0.711365874
Blackstone Blvd	8	0.690405559
Elmgrove Ave	8	0.325609635
Elmgrove Ave	8	0.331388301
Mt Pleasant Ave	8	0.371132488
Blackstone Blvd	8	0.608894441
Lloyd Ave	8	0.39387245
Blackstone Blvd	8	0.69509781
Elmgrove Ave	8	0.607569071
Chalkstone Ave	8	0.274140518
Orms St	8	0.228448582

Lloyd Ave	8	0.35575076
Lloyd Ave	8	0.361754647
Thayer St	8	0.355237373
Elmgrove Ave	8	0.353225375
Lloyd Ave	8	0.430562202
Orms St	8	0.95416581
Orms St	8	0.277270958
Orms St	8	0.286964688
Academy Ave	8	0.91880443
Pinehurst Ave	8	1.273295311
Radcliffe Ave	8	1.358777032
Pembroke Ave	8	1.456159238
Taber Ave	8	0.599930461
Randall Sq	8	0.195418817
Justice St	8	0.159867427
Justice St	8	0.056879761
Taber Ave	8	0.599865533
Wayland Ave	8	0.354458625
Gaspee St	8	1.875237809
Hillcrest Ave	8	1.397360545
Bowen St	8	0.491630348
Rowley St	8	0.196274844
Bath St	8	1.070576973
Arlington Ave	8	0.348859333
Ortoleva Dr	8	0.931829121
George St	8	0.646110224
Kinsley Ave	8	0.469511512
Eagle St	8	0.32686535
Regent Ave	8	0.516015347
Taber Ave	8	0.356660504
Academy Ave	8	1.001437474
Arlington Ave	8	0.355910103
Taber Ave	8	0.334100003
Hillcrest Ave	8	0.710104961
Wayland Ave	8	0.093212206
Harold St	8	0.783969722
Andem St	8	0.326465017
Ortoleva Dr	8	1.719732709
Harold St	8	0.380157025
Taber Ave	8	0.176240752
Sisson St	8	1.05593092
Cushing St	8	0.094889362
Regent Ave	8	0.427520131
Harold St	8	0.34851164
Arlington Ave	8	0.347558589
Regent Ave	8	0.332743424
Pitman St	8	0.452921131

Ridgeway Ave	8	0.264507174
Imera Ave	8	0.845160874
Acorn St	8	0.247063889
Rushmore Ave	8	0.295092225
Ortoleva Dr	8	0.849314669
Maynard St	8	0.305789392
Ridgeway Ave	8	1.007151428
Acorn St	8	0.80118225
Pitman St	8	0.922695569
Acorn St	8	0.408641497
Governor St	8	0.444490314
Button Hole Dr	8	1.737248067
Empire St	8	0.398842392
George St	8	0.543722353
Sisson St	8	0.269310404
Newark St	8	0.904128538
Governor St	8	0.254015802
Exchange St	8	0.402178514
Exchange St	8	0.104830989
Fountain St	8	0.225532969
Spruce St	8	0.237178528
Melissa St	8	0.369102589
Ophelia St	8	0.901973279
Pine St	8	0.229388949
Hilarity St	8	0.891475529
Westminster St	8	0.302078473
Empire St	8	0.664098719
Bowlet St	8	0.415178154
Eagle St	8	0.792300237
Governor St	8	0.051074859
Union St	8	0.234598338
Bond St	8	0.060695688
Pine St	8	0.435563249
Williams St	8	0.728066344
Friendship St	8	0.198221583
Melissa St	8	0.405299282
Pine St	8	0.369620884
Richmond St	8	0.537723619
Bond St	8	0.301752917
Amherst St	8	0.318799999
Governor St	8	0.383411726
Planet St	8	0.314980048
Pine St	8	0.185607639
Empire St	8	0.378205145
Federal St	8	0.189800786
Orange St	8	0.361075898
Mattie St	8	0.329868997

Pine St	8	0.457109297
Westminster St	8	0.242690604
Kinfield St	8	0.827514062
Governor St	8	0.135576101
Washington St	8	0.437291262
Governor St	8	0.245648925
James St	8	0.273628506
Benefit St	8	0.343251949
Governor St	8	0.389388332
Barbara St	8	0.667757218
Richmond St	8	0.352135338
Benefit St	8	0.425469849
Magnolia St	8	0.228470636
Lester St	8	0.300907364
Flower St	8	0.294138679
Wolfe St	8	0.341886832
Richmond St	8	0.335662089
Dresser St	8	0.337181774
Washington St	8	0.686554369
Flower St	8	0.378199117
Pine St	8	0.315334198
Washington St	8	0.225882683
Pine St	8	0.792158171
Kinfield St	8	1.066054886
Barden St	8	0.818555357
Ship St	8	0.454009969
Hilarity St	8	1.072288635
Eugene St	8	0.330285737
Springfield St	8	0.44766824
Pine St	8	0.548577062
Ponagansett Ave	8	0.358590483
Matson Ave	8	0.688647966
India St	8	0.813963552
Mt Pleasant Ave	8	0.821698564
Valley St	8	0.509795213
Valley St	8	0.500772124
River Ave	8	0.365542873
Waterman St	8	0.918295311
Waterman St	8	0.412417914
Thayer St	8	0.031749356
Angell St	8	0.277745013
Francis St	8	0.595337168
Power St	8	0.487676541
Power St	8	0.604860752
Eddy St	8	0.272687088
Thayer St	8	0.362134784
Gano St	8	0.03635549

Broad St	8	0.267997854
Petteys Ave	8	1.098005723
Harrison St	8	0.297638585
Dexter St	8	0.052946523
Summer St	8	0.384301587
Troy St	8	0.504397282
Parade St	8	0.220908518
Farmington Ave	8	0.302801033
Wolfe St	8	0.385936354
Parade St	8	0.569110872
Lockwood St	8	0.100949038
Hayward St	8	0.371236061
Lockwood St	8	0.336941233
Eliza St	8	0.367312259
Lockwood St	8	0.353524576
Hayward St	8	0.353770149
Parade St	8	0.65087515
Hayward St	8	0.371821511
Lester St	8	0.328593484
Gilmore St	8	0.313455202
Pearl St	8	0.347093497
Parade St	8	0.384996713
Lowell Ave	8	2.4887038
Hayward St	8	0.362559898
Harrison St	8	0.323660193
Somerset St	8	0.673918302
Pearl St	8	0.349539934
Lawrence St	8	0.448625252
Elmwood Ave	8	0.422497773
Pearl St	8	0.365170625
Pine St	8	0.138355469
Parade St	8	0.478165766
Chapin Ave	8	1.026201001
Harlam St	8	0.347576025
Rye St	8	0.997935518
Bend St	8	0.459095713
Lawrence St	8	0.458211238
Messer St	8	0.201497148
Bend St	8	0.155179534
Harlam St	8	0.426976389
Dexter St	8	0.367572115
Sayles St	8	0.303776813
Reynolds Ave	8	0.970524956
Dorchester Ave	8	0.447040316
Dudley St	8	0.620953435
Service 1 Rd	8	0.377580471
Dorchester Ave	8	0.345842589

Ellery St	8	0.379580919
Barrows St	8	0.544091612
Dudley St	8	1.074936758
Dorchester Ave	8	0.430685184
Ethan St	8	0.2993123
Blackstone St	8	1.266683412
Magdalene St	8	0.428863635
Murray St	8	0.429839222
Moorefield St	8	0.916322191
Sophia St	8	0.955852531
Dexter St	8	0.372661675
Hillhurst Ave	8	1.521593337
Stanton St	8	0.537613199
Prudence Ave	8	0.350823334
Moorefield St	8	0.950750977
Stanwood St	8	0.882747958
Crown Ave	8	0.288562406
Poe St	8	0.412737032
Ocean St	8	0.297712363
Saratoga St	8	0.955189255
Baxter St	8	0.063079154
Puritan St	8	0.53570802
Huntington Ave	8	0.308606199
Oxford St	8	0.31282449
Huntington Ave	8	3.132542519
Ocean St	8	0.294655235
Porter St	8	0.780402578
Sackett St	8	0.835223333
Stanwood St	8	0.845452243
	8	0.041412492
Huntington Ave	8	0.340074903
Huntington Ave	8	0.412173992
Carter St	8	0.402969204
Carter St	8	0.167952556
Huntington Ave	8	0.037993786
	8	0.03485439
Pine St	8	0.125840644
Corliss St	8	1.896778158
Melrose St	8	0.375839167
Melrose St	8	0.043008659
Elma St	8	0.768017965
Sackett St	8	0.400384378
Ellenfield St	8	0.735445386
	8	0.037686622
Reservoir Ave	8	0.087223261
Narragansett Ave	8	0.581950662
Montgomery Ave	8	0.214637773

Alabama Ave	8	1.167544804
Narragansett Ave	8	0.423675834
Roger Williams Ave	8	0.993494125
F C Greene Memorial	8	1.592694256
Massachusetts Ave	8	1.142574802
Massachusetts Ave	8	1.303572325
Washington Ave	8	1.487610763
Massachusetts Ave	8	1.434618368
F C Greene Memorial	8	0.352094168
Montgomery Ave	8	1.111645492
Williams St	8	0.280421542
Hamlin St	8	0.042891603
Eddy St	8	0.167901208
Eddy St	8	0.154274567
Eddy St	8	0.202176309
Broad St	8	0.269868136
Broad St	8	0.31005355
Thayer St	8	0.472379621
Power St	8	0.715591974
Thayer St	8	0.528402055
Thayer St	8	0.429569822
Sackett St	8	0.28444771
Prince St	8	0.192925061
Providence College	8	0.157408766
Tyndall Ave	8	0.59667628
S Water St	8	0.750577777
Richmond St	8	0.69282711
Humboldt Ave	8	0.332832357
Exchange St	8	0.063544762
Burnside St	8	0.339405743
Pelham St	8	0.146795266
	8	0.004306624
Broad St	8	0.110413979
Broad St	8	0.252214945
Hawkins St	8	1.544028099
Saratoga St	8	0.389350854
Candace St	8	0.362073435
Knight St	8	0.168499129
Mt Pleasant Ave	8	0.099585664
Nellie St	7	0.247873863
Smart St	7	0.21256908
Smart St	7	0.274533008
Foch Ave	7	1.113912277
Royal Little Dr	7	2.643510405
Smithfield Ave	7	1.097406947
Smithfield Ave	7	1.216612837
Lubec St	7	0.290923746

Langdon St	7	0.335482249
Bismark St	7	0.163682734
Hyacinth St	7	0.268484241
Seamans St	7	0.284075183
Summit Ave	7	0.064560906
Salter St	7	0.297856518
Meridian St	7	0.716896552
Manila St	7	0.269260227
Summit Ave	7	0.338405975
Sherwood St	7	1.235043129
Ianthe St	7	0.369488919
Commodore St	7	0.529449326
Lombardi St	7	0.265524716
Touro St	7	0.538184639
Hugo St	7	0.315490317
Winchester St	7	0.345531955
Ledge St	7	0.373173467
Abram St	7	0.279061982
Seamans St	7	0.304261984
Royal Ave	7	0.908762309
Cornwall St	7	0.278510567
Hazael St	7	0.985177127
Fair St	7	0.317609434
East Dr	7	1.111612953
Seamans St	7	0.559706252
Fair St	7	0.324861555
Vandewater St	7	0.537813492
McMillen St	7	0.235089928
Phebe St	7	0.579415355
Sherwood St	7	0.60235082
Seamans St	7	0.299749807
Augusta St	7	0.304615527
Augusta St	7	0.290575363
Hazael St	7	0.84425336
Summit Ave	7	0.237188468
Seamans St	7	0.588145223
Gentian Ave	7	0.297169272
Crandall St	7	0.626753662
Badger Rd	7	0.697174701
Drill St	7	0.610643089
Hillview Ave	7	0.276564891
Drill St	7	0.063624766
Gentian Ave	7	0.21694202
Isabella Ave	7	0.241797111
Hillview Ave	7	0.259990751
Trinidad St	7	0.649015614
Lancashire St	7	1.221910608

Columbus St	7	1.213843003
Hillview Ave	7	0.267462129
Tidd St	7	0.624051014
Enfield Ave	7	0.317298161
Hillview Ave	7	0.307876756
Bradley St	7	0.602335567
Zella St	7	0.990265308
Bradley St	7	0.222538256
Iona St	7	0.912145352
Bradley St	7	0.264144592
Bradley St	7	0.286489674
Enfield Ave	7	0.500251735
Stonelaw Ave	7	0.642936771
Devonshire St	7	0.786919127
Sandringham Ave	7	0.323078553
Stonelaw Ave	7	0.591043838
Sandringham Ave	7	0.306134284
Butler Dr	7	0.177491778
Academy Ave	7	1.06095694
Freeman Pky	7	0.631455954
Pleasant Valley Pky	7	0.205423685
Lennon St	7	1.41965085
Academy Ave	7	0.442331639
Morris Ave	7	0.092311462
Cole Ave	7	0.129754372
	7	0.171025862
Academy Ave	7	0.279150559
Chad Brown St	7	0.503925162
Chad Brown St	7	0.165950471
	7	0.11026775
Charles St	7	0.133749031
Branch Ave	7	0.428437943
Charles St	7	0.278433899
Charles St	7	0.15417722
Chalkstone Ave	7	0.140020701
Lloyd Ave	7	0.285816996
Elmgrove Ave	7	0.331225296
Hope St	7	0.186429673
Hope St	7	0.287697835
Branch Ave	7	0.46548494
Blackstone Blvd	7	0.272440376
Hawkins St	7	0.299438046
Hope St	7	0.325397697
Hawkins St	7	0.195192473
Elmgrove Ave	7	0.339241971
Elmgrove Ave	7	0.31025611
Blackstone Blvd	7	0.386343257

Blackstone Blvd	7	0.335425782
Laurel Ave	7	0.338698684
Mt Pleasant Ave	7	0.261722846
Elmgrove Ave	7	0.304127969
N Main St	7	0.125831397
Lloyd Ave	7	0.32728624
Chalkstone Ave	7	0.325350738
Mt Pleasant Ave	7	0.300197343
Lloyd Ave	7	0.337504917
Chalkstone Ave	7	0.232931097
Chalkstone Ave	7	0.23029891
Chalkstone Ave	7	0.085599871
Chalkstone Ave	7	0.12888906
Mt Pleasant Ave	7	0.389479369
Orms St	7	0.624494918
River Ave	7	0.320058911
Dickens St	7	0.595284355
Academy Ave	7	0.251376988
Academy Ave	7	0.135236244
Pleasant Valley Pky	7	0.727749222
Pleasant Valley Pky	7	0.326193389
Pleasant Valley Pky	7	0.853147175
Pleasant Valley Pky	7	0.339296946
Pleasant Valley Pky	7	0.301184127
Pleasant Valley Pky	7	0.337361208
Pleasant Valley Pky	7	0.338635214
Pleasant Valley Pky	7	0.29344618
Pleasant Valley Pky	7	0.2461024
Pleasant Valley Pky	7	0.256551251
Pleasant Valley Pky	7	0.142991837
	7	0.17875724
Arlington Ave	7	0.749706225
Irving Ave	7	0.715560234
Elton St	7	1.259589083
Regent Ave	7	0.296857866
Alton St	7	0.553524035
Regent Ave	7	0.285662553
Regent Ave	7	0.291667932
George St	7	0.664656324
Hayes St	7	0.673861828
Bath St	7	0.331979327
Prospect St	7	0.331157509
Taber Ave	7	0.451209676
Andem St	7	0.296819548
Andem St	7	0.274705274
Wayland Ave	7	0.063401655
Arlington Ave	7	0.467290155

Regent Ave	7	0.321518168
Wayland Ave	7	0.356849483
South Ct	7	0.492211794
Fairview St	7	0.055165616
Fairview St	7	0.292331562
Huron St	7	0.438106385
Rushmore Ave	7	0.234195112
Park Row	7	0.391075371
Huron St	7	0.29122283
Brush Hill Rd	7	0.7413149
Benefit St	7	0.106738431
Huron St	7	0.301034572
Brush Hill Rd	7	0.241578229
Huron St	7	0.159350386
Memorial Blvd	7	0.554789446
Washington Pl	7	0.310915263
Prospect St	7	0.389333168
Brush Hill Rd	7	0.521725378
Exchange St	7	0.281932042
Amherst St	7	0.268657116
Westminster St	7	0.328643262
Pine St	7	0.183881658
Governor St	7	0.202083476
Benevolent St	7	0.532282316
Cutler St	7	0.318253883
Spruce St	7	0.196296432
Benevolent St	7	0.575087699
Spruce St	7	0.218608627
Benefit St	7	0.484178899
Union St	7	0.312919069
Governor St	7	0.330811336
Benefit St	7	0.136613567
Transit St	7	0.269483507
Transit St	7	0.184910331
East St	7	0.266850063
Knight St	7	0.329844746
East St	7	0.462446333
Harris Ave	7	0.911971658
Eagle St	7	0.933153086
Spruce St	7	0.202688385
Steuben St	7	0.336539203
Fulton St	7	0.339754668
Washington St	7	0.311892402
Spruce St	7	0.435718527
Spruce St	7	0.196303105
Westminster St	7	0.171181836
Chapel St	7	0.47135405

Ruth St	7	0.053536667
Orange St	7	0.183137965
Julian St	7	0.740380673
Westminster St	7	0.283228777
Friendship St	7	0.22967241
Knight St	7	0.112103184
Federal St	7	0.160764266
Harris Ave	7	0.211856618
John St	7	0.600980637
East St	7	0.291106874
Ridge St	7	0.317200075
Arnold St	7	0.517844599
Friendship St	7	0.194634692
Snow St	7	0.284353197
Ridge St	7	0.427581259
Benefit St	7	0.104238353
Friendship St	7	0.23599954
Knight St	7	0.090486712
Ridge St	7	0.385395705
Ridge St	7	0.124282712
Friendship St	7	0.360233246
Winter St	7	0.331785276
Springfield St	7	0.749951726
Bancroft St	7	0.32636524
Ellery St	7	0.32860319
Waverly St	7	0.602362968
South St	7	0.309893991
Richmond St	7	0.325225352
S India St	7	1.077134985
Friendship St	7	0.317825875
Carpenter St	7	0.221522051
Vinton St	7	0.046155424
Luongo Memorial Sq	7	0.10216495
Carpenter St	7	0.09228226
Elm St	7	0.311112529
Marshall St	7	0.126404208
Knight St	7	0.063296092
Thayer St	7	0.355380693
Elmgrove Ave	7	0.447635945
Elmgrove Ave	7	0.296292891
Elmgrove Ave	7	0.46325045
River Ave	7	0.372261909
River Ave	7	0.319919239
Waterman St	7	0.442283971
Exchange Ter	7	0.206583687
Sabin St	7	0.272946241
Thayer St	7	0.304412003

Sabin St	7	0.53154014
Thayer St	7	0.291663173
Gano St	7	0.292848339
Broad St	7	0.291239227
Cahir St	7	0.342481039
Broadway	7	0.440954955
Cahir St	7	0.781413725
Lowell Ave	7	0.936505381
Powhatan St	7	0.187074696
Dexter St	7	1.015528955
Ellery St	7	0.313491248
Wood St	7	0.483609324
Wood St	7	1.081349654
Sycamore St	7	0.337035145
Magnolia St	7	0.317803826
W Friendship St	7	1.102632293
W Clifford St	7	0.642258106
Service 1 Rd	7	0.216394392
Hudson St	7	1.022796004
Sycamore St	7	0.44938694
Powhatan St	7	0.197973919
Dexter St	7	0.259690876
Hammond St	7	0.412825913
Hammond St	7	0.020458543
Powhatan St	7	0.392250096
Hollywood Rd	7	0.729615628
Dike St	7	0.106391763
Dike St	7	0.139773837
Pine St	7	0.512000475
Friendship St	7	0.311226684
Sunset Ave	7	0.016646239
Division St	7	0.355593905
Oak St	7	0.793460795
Sycamore St	7	0.477163763
Hammond St	7	0.446529635
Summer St	7	0.41190086
Oak St	7	0.377784071
Division St	7	0.177049781
Division St	7	0.177049785
Harrison St	7	0.689570834
Neutaconkanut Rd	7	0.103880078
Hospital St	7	0.135553288
Summer St	7	0.313626468
Division St	7	0.179671843
Summer St	7	0.283734006
Division St	7	0.200307927
Dexter St	7	0.705271075

Haskins St	7	0.833765723
Globe St	7	0.700497391
Hospital St	7	0.158616904
Oak St	7	0.597591478
Sycamore St	7	0.47452841
Marvin St	7	0.902150985
Willow St	7	0.073199736
Willow St	7	0.469426843
Portland St	7	0.395347206
Harrison St	7	0.61604897
Beacon Ave	7	0.544884543
Dewey St	7	0.303226559
Pine St	7	0.326301252
Magnolia St	7	0.171530161
Ellery St	7	0.271379156
Hudson St	7	0.46981596
Hudson St	7	0.578943314
Hudson St	7	0.696220257
Magnolia St	7	0.269214473
Pilsudski St	7	1.430364171
Service 1 Rd	7	0.316149739
Wood St	7	0.533723883
Dunford St	7	0.63029341
Jewell St	7	0.566725782
Friendship St	7	0.320334188
Service 1 Rd	7	0.365104184
Magnolia St	7	0.934231989
Ellery St	7	0.332648096
Chapin Ave	7	0.632899456
Sycamore St	7	0.334293394
Ralph St	7	0.816462397
Cowper Ct	7	0.712411096
Myrtle St	7	0.392186743
Service 1 Rd	7	0.337854238
Ellery St	7	0.328777246
Wendell St	7	0.643386724
Terrace Ave	7	0.352974858
Plain St	7	0.235743014
Poe St	7	0.282200187
Ocean St	7	0.27011994
Lockwood St	7	0.628036989
Wendell St	7	1.000514573
Pine St	7	0.368478299
Rosedale St	7	0.632452753
Dudley St	7	0.328196439
Dudley St	7	0.193807623
Rosedale St	7	1.111024258

Dudley St	7	0.155652257
Dudley St	7	0.342906718
Dudley St	7	0.617096414
Dudley St	7	0.684531328
Service 1 Rd	7	0.326429653
Service 1 Rd	7	0.148243724
Terrace Ave	7	0.343374463
Dudley St	7	1.009456506
Sprague St	7	0.340148054
Service 1 Rd	7	0.262811384
Terrace Ave	7	0.339164826
Magdalene St	7	0.618300212
Terrace Ave	7	0.337150361
Whitehall St	7	0.318145039
Hauxhurst St	7	1.004396525
Prudence Ave	7	0.324369678
Whitehall St	7	0.233345089
Terrace Ave	7	0.318737449
Sayles St	7	0.267011571
Dexter St	7	0.187077551
Sayles St	7	0.261243996
Sayles St	7	0.299769194
Ocean St	7	0.228128934
Sayles St	7	0.300156476
Ethan St	7	0.466238278
Poe St	7	0.309075147
Glenham St	7	0.857054256
Ocean St	7	0.321626796
Mutual St	7	0.48723538
Sayles St	7	0.326577878
Dexter St	7	0.088741535
Swan St	7	0.816942006
Huntington Ave	7	0.278335817
Sayles St	7	0.253108194
Cahill St	7	0.482526746
Huntington Ave	7	0.257635
Stanwood St	7	1.149706564
Ocean St	7	0.543647973
Huntington Ave	7	0.243806927
Oxford St	7	0.296440186
Huntington Ave	7	0.269970128
Oxford St	7	0.274273158
Oxford St	7	0.31499286
Cahill St	7	0.168677474
Briggs St	7	0.815888047
Ocean St	7	0.279666454
Niagara St	7	0.332885209

Oxford St	7	0.191794213
Wyatt St	7	0.142685088
Oxford St	7	0.089841691
Huntington Ave	7	0.247618671
Niagara St	7	0.332884378
Oxford St	7	0.271646216
Briggs St	7	0.479025186
Porter St	7	1.049912609
Oconnor St	7	0.246475024
Huntington Ave	7	0.883515546
Niagara St	7	0.330134871
Huntington Ave	7	0.272316156
Ocean St	7	0.284918563
Transit St	7	0.506633627
Middleton St	7	0.671029517
California Ave	7	1.117914276
Michigan Ave	7	0.234788762
Oxford St	7	0.387487806
Carter St	7	0.487116676
Huntington Ave	7	3.045492723
Gallup St	7	0.58484911
Gallup St	7	0.747337686
Bucklin St	7	0.39854536
Colfax St	7	0.589902266
Reservoir Ave	7	0.098302343
Bucklin St	7	0.319481101
Adelaide Ave	7	0.366624017
Pennsylvania Ave	7	0.825055449
Adelaide Ave	7	0.730798334
Adelaide Ave	7	0.728944821
Niagara St	7	0.330139139
Sackett St	7	0.178291336
Oconnor St	7	0.361110189
Cadillac Dr	7	0.22165574
Michigan Ave	7	0.297523204
Chapman St	7	0.79805253
Oconnor St	7	0.229130606
Baker St	7	0.592819447
Baker St	7	0.236409341
Toronto Ave	7	0.771671823
Virginia Ave	7	0.280666196
Tennessee Ave	7	0.270429922
Oconnor St	7	0.124862389
Georgia Ave	7	0.766853417
Tennessee Ave	7	0.277779107
Oconnor St	7	0.322014004
Carolina Ave	7	0.769938559

New York Ave	7	0.229305661
Tennessee Ave	7	0.292726701
Oconnor St	7	0.319691832
New York Ave	7	0.770786007
Michigan Ave	7	0.275442748
Broom St	7	0.770341387
Indiana Ave	7	1.000965365
Michigan Ave	7	0.277404104
Ohio Ave	7	1.007732641
Vermont Ave	7	1.224959416
Michigan Ave	7	0.212526121
Michigan Ave	7	0.324850259
Roger Williams Ave	7	0.993452298
Roger Williams Ave	7	0.383649985
Narragansett Ave	7	0.017479497
F C Greene Memorial	7	0.218147698
Vermont Ave	7	1.138829913
Washington Ave	7	1.116531154
Washington Ave	7	1.138392655
Vermont Ave	7	1.281133847
Michigan Ave	7	0.274819679
Alabama Ave	7	0.998340143
Gray St	7	1.215453726
	7	0.038620459
Maplehurst Ave	7	1.058451872
Exit 1	7	0.232270798
Thurston St	7	0.396022011
Service 1 Rd	7	0.394182737
Durfee St	7	0.357740833
Hammond St	7	0.519256364
Dale St	7	0.319959266
Beacon Ave	7	0.283927031
Cranston St	7	0.227138626
Broad St	7	0.026062965
Broad St	7	0.308109425
Broad St	7	0.266513065
Broad St	7	0.36613295
Broad St	7	0.179323567
Eddy St	7	0.170938046
Broad St	7	0.259068757
Thayer St	7	0.392341933
Blackstone Blvd	7	0.2663544
John St	7	0.195458837
Sackett St	7	0.21707648
Harris Ave	7	1.083142644
Maple St	7	0.396573962
Rugby St	7	0.066594326

Rugby St	7	0.267234496
California Ave	7	0.105772606
Michigan Ave	7	0.167457301
Adelaide Ave	7	1.172811955
Oak St	7	0.272746848
Swiss St	7	0.910033022
Penn St	7	0.025061195
Greene St	7	0.138970586
Washington St	7	0.352486391
Washington St	7	0.429760193
Adelaide Ave	7	0.437126212
Ophelia St	7	0.926508877
Mathewson St	7	0.470068517
Porter St	7	0.665936394
Swan St	7	0.637948993
Spruce St	7	0.237734034
Willow St	7	0.602732654
Oconnell St	7	1.074860051
Providence Pl	7	0.061338606
Troy St	7	0.222367182
Ocean St	7	0.211582569
Ocean St	7	0.19225166
Gordon Ave	7	0.206545533
Reynolds Ave	7	0.322854032
	7	0.001110665
India St	7	0.457666653
Smithfield Ave	7	0.043667643
Blackstone Blvd	7	0.14041318
Blackstone Blvd	7	0.093442957
	7	1.056994806
Langdon St	6	0.102502677
Langdon St	6	0.166078118
Smart St	6	0.041646159
Woodward Rd	6	0.279806696
Woodward Rd	6	0.26688649
Luke St	6	0.502367287
Woodward Rd	6	0.26527716
Swift St	6	0.943573343
Woodward Rd	6	0.268023666
Joseph St	6	0.253600499
Depinedo St	6	0.886546013
Ledge St	6	0.140959498
Winfield Ct	6	0.240639023
Hillside Dr	6	0.149876534
Oneil St	6	0.607167589
Shiloh St	6	0.302380262
Naples Ave	6	0.236195258

Modena Ave	6	0.287334891
Ceres St	6	0.307894816
Salter St	6	0.284745559
Nelson St	6	0.523504129
Cole Ave	6	0.041711736
5Th St	6	0.234483184
Bayard St	6	0.272519279
Eva St	6	0.499787968
Lorimer Ave	6	0.21898979
Appian St	6	0.239433238
Longwood Ave	6	0.2709256
Cole Ave	6	0.048968342
Ledge St	6	0.142902566
Langdon St	6	0.590792731
Ledge St	6	0.557374718
Gentian Ave	6	0.32313824
Hymer St	6	0.272204647
Vandewater St	6	0.654411009
Lorimer Ave	6	0.508328235
8Th St	6	0.21351844
Hymer St	6	0.250640534
Northup Ave	6	0.085300222
Northup Ave	6	0.182919968
Hall St	6	0.281634261
Hawkins St	6	0.241565012
Lorimer Ave	6	0.253388073
Crandall St	6	0.637700715
Sunbury St	6	0.26308032
Augusta St	6	0.267525574
Augusta St	6	0.2202002
Augusta St	6	0.230689876
Devonshire St	6	0.326682381
Augusta St	6	0.230410554
Durham St	6	0.170296695
Augusta St	6	0.222985754
Isabella Ave	6	0.277333669
Summit Ave	6	0.08926167
Isabella Ave	6	0.35559512
Longwood Ave	6	0.669243262
Summit Ave	6	0.121736321
Lotus Pl	6	0.135760505
Gentian Ave	6	0.316213103
Hereford St	6	0.297557136
Veazie St	6	0.298447185
Loveday St	6	0.035765227
Devonshire St	6	0.7591595
Hereford St	6	0.233716166

Veazie St	6	0.116198137
Durham St	6	0.797814992
Loveday St	6	0.241838599
Trent St	6	0.425746919
Hereford St	6	0.20599748
Audubon Ave	6	0.578306935
Longwood Ave	6	0.802238016
Bradley St	6	0.265021667
Corina St	6	0.525466508
Gentian Ave	6	0.595466772
Veazie St	6	0.693067371
Appian St	6	0.152301441
Lynde St	6	1.062505895
Modena Ave	6	0.957077216
Gentian Ave	6	0.306461095
Academy Ave	6	0.280801009
Carteret St	6	0.579898859
Ardmore Ave	6	0.966242618
Ardmore Ave	6	0.488151471
Compton St	6	0.949623467
Fillmore St	6	0.820851515
Fruit Hill Ave	6	0.617797468
Gentian Ave	6	0.273851235
Old Rd	6	0.547993928
Hooker St	6	0.408215705
Basswood Ave	6	0.230479453
Modena Ave	6	0.811265185
Ravenswood Ave	6	0.423996807
Modena Ave	6	0.30210697
College Rd	6	0.735502258
Academy Ave	6	0.617866827
Branch Ave	6	0.132195488
Leslie Dr	6	0.845199225
	6	0.156168069
Sessions St	6	0.439706153
Pasteur St	6	0.418472934
	6	0.064273823
Camden Ave	6	0.284118388
Academy Ave	6	0.351841124
Upton Ave	6	0.377109632
Chad Brown St	6	0.289278296
Camden Ave	6	0.268349858
Freeman Pky	6	0.288256898
Hazard Ave	6	0.554365514
Freeman Pky	6	0.593877749
Hazard Ave	6	0.974467898
Hazard Ave	6	0.253414146

Charles St	6	0.213797508
Charles St	6	0.128517763
Charles St	6	0.212255488
Charles St	6	0.240444415
Hope St	6	0.257801864
Branch Ave	6	0.6934164
Branch Ave	6	0.455565843
Branch Ave	6	0.49574687
Branch Ave	6	0.335960758
Hope St	6	0.289255864
Branch Ave	6	0.303860678
Orms St	6	0.257854761
Rochambeau Ave	6	0.446417609
Rochambeau Ave	6	0.298575192
Charles St	6	0.144695306
Hope St	6	0.131357347
Blackstone Blvd	6	1.480152428
Branch Ave	6	0.230749496
Blackstone Blvd	6	3.017292236
Hope St	6	0.171533199
Hope St	6	0.248345794
Hawkins St	6	0.186207351
Hope St	6	0.279532808
Hope St	6	0.281697728
Hope St	6	0.268720047
Elmgrove Ave	6	0.269094705
Blackstone Blvd	6	0.279300544
Laurel Ave	6	0.748721157
Elmgrove Ave	6	0.269718183
Blackstone Blvd	6	0.282035318
Rochambeau Ave	6	0.312632603
Blackstone Blvd	6	0.08069423
Branch Ave	6	0.233112731
Elmgrove Ave	6	0.333465459
Blackstone Blvd	6	0.94697483
Blackstone Blvd	6	0.280854499
Blackstone Blvd	6	0.285940721
Blackstone Blvd	6	0.285962824
Laurel Ave	6	0.293329893
Laurel Ave	6	0.262793712
Lloyd Ave	6	0.298053396
Lloyd Ave	6	0.316025414
Orms St	6	0.431442326
Lloyd Ave	6	0.325582916
Woonasquatucket Ave	6	0.246258127
Woonasquatucket Ave	6	0.062751984
Abbotsford Ct	6	0.412216969

Wayland Ave	6	0.069387757
Woonasquatucket Ave	6	0.226096341
Metropolitan Rd	6	0.232208236
Metropolitan Rd	6	0.229180797
Standish Ave	6	0.177086349
Fruit Hill Ave	6	0.142994973
Woonasquatucket Ave	6	0.173991976
Doane Ave	6	0.524329275
President Ave	6	0.298883613
Ruggles St	6	0.463218443
Arlington Ave	6	0.160158563
Woonasquatucket Ave	6	0.12407992
Standish Ave	6	0.277478939
Candace St	6	0.230427323
Garfield Ave	6	0.787205544
Alumni Ave	6	0.324551896
Weymouth St	6	0.360743421
Candace St	6	0.166053079
Morris Ave	6	0.344476525
President Ave	6	0.262925941
Justice St	6	0.357895811
Academy Ave	6	0.687187319
Alumni Ave	6	1.073311012
President Ave	6	0.277114024
Candace St	6	0.155730863
University Ave	6	0.29348621
President Ave	6	0.398904571
Cole Ave	6	0.265265118
Fruit Hill Ave	6	0.298862445
Garfield Ave	6	0.581103478
Meeting St	6	0.372185682
Providence Pl	6	0.099066724
University Ave	6	0.526652757
Irving Ave	6	0.500582297
Humboldt Ave	6	0.31630725
Allston St	6	0.291994912
Bryant St	6	0.271452748
Lynch St	6	0.191193848
Riverdale St	6	0.164250336
Linton St	6	0.190503396
Promenade St	6	0.210533739
Wayland Ave	6	0.25882629
Irving Ave	6	0.524361404
Carleton St	6	0.327873635
Elton St	6	0.518545335
Orchard Ave	6	0.382486577
Humboldt Ave	6	0.587924092

Freedom Rd	6	0.773815929
Freedom Rd	6	0.241136694
Freedom Rd	6	0.229365283
Imera Ave	6	0.797234717
Linton St	6	0.235639128
Carleton St	6	0.292805547
Humboldt Ave	6	0.519315814
Geneva St	6	0.650146763
Carleton St	6	0.338584548
Adelphi Ave	6	0.522367944
Beaufort St	6	0.511554878
Andem St	6	0.628209032
Unit St	6	0.824485581
Beaufort St	6	0.226264757
Benefit St	6	0.205125515
Leah St	6	0.349133738
South Ct	6	0.249689552
Cloud St	6	0.040200294
Cloud St	6	0.217667141
Unit St	6	0.535799404
Unit St	6	0.533619834
Kinsley Ave	6	0.59217336
Ives St	6	0.292550331
Providence Pl	6	0.190447081
Providence Pl	6	0.093510514
Governor St	6	0.575224012
Fowler St	6	0.128117741
Fowler St	6	0.118765212
Parnell St	6	1.07957814
W Exchange St	6	0.797486417
Parnell St	6	0.080872574
Lucy St	6	0.080699298
Fairview St	6	0.037839638
Fairview St	6	0.191594999
Providence Pl	6	0.286607426
Actinia St	6	0.229642374
Ives St	6	0.288102315
Park Row	6	0.32171294
Wisdom Ave	6	0.898579569
Cooke St	6	0.469150566
Maynard St	6	0.225417131
Benefit St	6	0.047221391
Governor St	6	0.26238898
Lynch St	6	0.649449405
Washington Pl	6	0.3781679
Amsterdam St	6	0.22504956
Cedar St	6	0.103415253

Young Orchard Ave	6	0.42303706
Amherst St	6	0.094853972
Hannah St	6	0.504000978
Amherst St	6	0.128134276
John St	6	0.600708272
Kenyon St	6	0.282280777
John St	6	0.438307752
Harris Ave	6	0.325731897
E George St	6	0.692629955
W Exchange St	6	0.545017765
Exchange St	6	0.199809098
Lark St	6	0.105036883
Unit St	6	0.973529388
Turner St	6	0.596752075
W Exchange St	6	0.401213107
Lynch St	6	0.633794715
George St	6	0.526028342
Benefit St	6	0.084076027
Westminster St	6	0.284186559
Benevolent St	6	0.569600315
Benevolent St	6	0.408063428
Weybosset St	6	0.1023335
Cedar St	6	0.382048359
Bradford St	6	0.301483847
Cedar St	6	0.410733698
Cedar St	6	0.209419466
Fox Pl	6	0.313716988
Cedar St	6	0.183634986
Greenwood St	6	0.585588698
Bradford St	6	0.135284616
Edgemere Ave	6	1.023488589
Richland St	6	0.28317643
Page St	6	0.38012912
Arnold St	6	0.687821749
Brookfield St	6	0.487060384
Custom House St	6	0.39459116
Westminster St	6	0.47285756
Bradford St	6	0.206547552
Cutler St	6	0.272465111
Bond St	6	0.082829881
Barstow St	6	0.6600305
Westminster St	6	0.10987374
Clemence St	6	0.157020723
Union St	6	0.148675511
Orange St	6	0.250886287
Snow St	6	0.275717535
Transit St	6	0.766401264

Knight St	6	0.321419753
Benefit St	6	0.300760198
Tobey St	6	0.061427966
Erastus St	6	0.728885893
Knight St	6	0.160219152
Fairfield Ave	6	1.090800989
Amherst St	6	0.281568386
Middle St	6	0.179116522
Planet St	6	0.415663857
Lavaughn St	6	0.750234447
King Philip St	6	0.497251934
Steuben St	6	0.480533644
Bradford St	6	0.223240092
Joslin St	6	0.723936015
Packet St	6	0.238588753
Covell St	6	0.761329303
Ives St	6	0.285596543
Hay St	6	0.321575764
Williams St	6	0.580144475
Benefit St	6	0.349802858
Williams St	6	0.318335711
Williams St	6	0.436774817
S Water St	6	0.232499924
Federal St	6	0.140504336
Union St	6	0.245169803
Knight St	6	0.279112392
Kenyon St	6	0.091593353
Benefit St	6	0.392885904
Putnam St	6	0.574968608
Snow St	6	0.506505024
Friendship St	6	0.207524953
Knight St	6	0.279262345
Bradford St	6	0.272362001
East St	6	0.283200148
Aborn St	6	0.50203169
Benefit St	6	0.424419415
Chapel St	6	0.327426545
Page St	6	0.266662978
James St	6	0.449656059
Harris Ave	6	0.692579283
Greene St	6	0.479987101
Knight St	6	0.198443707
Killingly St	6	0.170870039
Carpenter St	6	0.054360507
Sheldon St	6	0.835445451
Ship St	6	0.22807917
Ship St	6	0.238940633

Knight St	6	0.318104531
Knight St	6	0.027912773
Elm St	6	0.267006488
Superior St	6	0.225307153
Merino St	6	0.056187959
Lockwood St	6	0.26876097
Elder Pl	6	0.260117957
Alverson Ave	6	0.358948143
Richmond St	6	0.284432286
Laurel Hill Ave	6	0.283302551
Bassett St	6	0.127521165
Almy St	6	0.232146363
South St	6	0.260473521
Hospital St	6	0.268056798
Troy St	6	0.287857368
Tobey St	6	0.217829263
Tobey St	6	0.179146479
East St	6	0.2017471
Almy St	6	0.273174736
Knight St	6	0.308968962
Harkness St	6	0.190469805
Chestnut St	6	0.234019933
Carpenter St	6	0.25428819
Washington St	6	0.367810306
Chestnut St	6	0.369197562
Harris Ave	6	0.26168387
Tobey St	6	0.277208836
Chestnut St	6	0.253079713
Brook St	6	0.18263847
Ship St	6	0.242583152
Knight St	6	0.208403793
Chaffee St	6	0.465377543
Claverick St	6	0.489258471
Ridge St	6	0.980581136
Bassett St	6	0.208806871
Chestnut St	6	0.309274933
Pond St	6	0.190216024
Bassett St	6	0.584375894
Almy St	6	0.315336206
Laurel Hill Ave	6	0.374833752
Longo St	6	0.811574369
Harkness St	6	0.32630637
Richmond St	6	0.276105345
Bassett St	6	0.252671567
Washington St	6	0.320173465
Washington St	6	0.130594927
Washington St	6	0.410601021

Almy St	6	0.224836372
Carpenter St	6	0.467409805
Elm St	6	0.25594735
Harkness St	6	0.232663292
Hospital St	6	0.203381683
Bassett St	6	0.236732758
Thomas St	6	0.106635475
Thayer St	6	0.220596201
Thayer St	6	0.223762228
Waterman St	6	0.756040823
Angell St	6	0.369107481
Thomas St	6	0.152960487
Steeple St	6	0.294061998
Power St	6	0.570461949
Eddy St	6	0.129845181
Broadway	6	0.343334092
Thayer St	6	0.246705549
Hope St	6	0.201040691
Knight St	6	0.291163987
Elm St	6	0.268969593
Hospital St	6	0.221778082
South St	6	0.258754074
Chestnut St	6	0.28313322
Harkness St	6	0.227090851
Alverson Ave	6	0.770363351
South St	6	0.266543618
Parsonage St	6	0.261509641
Elm St	6	0.3281812
Imperial Pl	6	0.259136568
India St	6	0.23098262
Chestnut St	6	0.373603858
Boundary Ave	6	0.064123564
South St	6	0.32593403
Imperial Pl	6	0.281980702
Troy St	6	0.277800493
Lockwood St	6	0.302465377
Whitehall St	6	0.285486978
Lockwood St	6	0.261232337
Borden St	6	0.990859605
Plain St	6	0.231368656
Parsonage St	6	0.388089825
Barton St	6	0.873216224
Laurel Hill Ave	6	0.223997253
Heath St	6	0.601335031
Conduit St	6	0.405593412
South St	6	0.314472266
Hoppin St	6	0.380536818

India St	6	0.292205566
Dike St	6	0.196355763
Hospital St	6	0.383915828
Dike St	6	0.167890122
Service 3 Rd	6	0.353658377
Laurel Hill Ave	6	0.256178363
Powhatan St	6	0.381325332
Webster Ave	6	0.280574037
Friendship St	6	0.413908237
Glenham St	6	0.249551046
Glenham St	6	0.240049413
Glenham St	6	0.241855364
Pine St	6	0.413922949
Laurel Hill Ave	6	0.284421142
Heath St	6	0.27901869
W Franklin St	6	0.36195222
Meadow St	6	0.332861874
Whittier Ave	6	0.336381177
Whittier Ave	6	0.460718034
Dewey St	6	0.284967071
Emmett St	6	0.495538328
Pine St	6	0.319535009
Crary St	6	0.806923015
Plain St	6	0.256462104
Friendship St	6	0.180086309
Webster Ave	6	0.290977868
Frank St	6	0.57536188
Jacqueline Dr	6	0.297117618
Central St	6	1.134505449
Friendship St	6	0.283750407
Oldham St	6	0.626402024
Pine St	6	0.270627384
Portland St	6	0.494024164
Portland St	6	0.269758858
Lester St	6	0.215876717
Pine St	6	0.274722868
Lester St	6	0.338780127
Duxbury St	6	0.712454215
Pine St	6	0.170812495
Dorchester Ave	6	0.268451153
Viola St	6	0.645873447
Arch St	6	0.395033923
Arch St	6	0.385467445
Arch St	6	0.426305021
Bancroft St	6	0.300023965
Dorchester Ave	6	0.270674722
Whitehall St	6	0.557519042

Sterling Ave	6	0.208414175
Somerset St	6	0.264079026
Elmdale Ave	6	0.902839818
Cahill St	6	0.223232998
Pearl St	6	0.704599558
Myrtle St	6	0.265184042
Somerset St	6	0.269212683
Whitehall St	6	0.278756596
Somerset St	6	0.416711538
Sterling Ave	6	0.585582257
Diamond St	6	0.711700238
Whitehall St	6	0.276416585
Superior St	6	0.535217619
Blackstone St	6	0.405815631
Dexter St	6	0.301889393
Whitehall St	6	0.272806452
Blackstone St	6	0.777769151
Diamond St	6	0.460847752
Superior St	6	0.361537979
Blackstone St	6	0.284773403
Willard Ave	6	0.14666001
Blackstone St	6	0.279576653
Progress Ave	6	0.60084269
Progress Ave	6	0.596716627
Dexter St	6	0.175505984
Ford St	6	1.627317515
Whitehall St	6	0.283203939
Hanover St	6	1.695429823
Elmdale Ave	6	0.602377817
Bucklin St	6	0.24359408
Linwood Ave	6	0.815542963
Elmdale Ave	6	0.596253223
Prudence Ave	6	0.284464178
Bucklin St	6	0.274895784
Bellevue Ave	6	0.268656633
Plenty St	6	1.430352399
Linwood Ave	6	0.62507402
Poe St	6	0.348111043
Puritan St	6	0.306108998
Baxter St	6	0.157335323
Farmington Ave	6	0.474719018
Prudence Ave	6	0.426963693
Farmington Ave	6	0.397058308
Terrace Ave	6	0.196019719
Whitmarsh St	6	0.801706819
Prudence Ave	6	0.794248449
Salisbury St	6	0.616909873

Poe St	6	0.205129418
Trask St	6	0.58748801
Swan St	6	0.153298246
Dexter St	6	0.354345043
Poe St	6	0.217615021
Trask St	6	0.700234263
Daboll St	6	0.820594712
Anthony Ave	6	0.332112475
Poe St	6	0.249066632
Ninigret Ave	6	0.309788822
Oxford St	6	0.237802315
Warren Way	6	0.501268108
Oxford St	6	0.220596097
Noyes Ave	6	0.313805722
Baxter St	6	0.189526292
Cahill St	6	0.235973014
Baxter St	6	0.259280699
Oxford St	6	0.211782888
Lillian Ave	6	0.769562446
Baxter St	6	0.270445214
Oxford St	6	0.222649586
Rugby St	6	0.121738752
Huntington Ave	6	0.224975217
Gordon Ave	6	0.446570115
Hamilton St	6	0.300642539
Mitchell St	6	0.538477994
Oxford St	6	0.114029618
Plymouth St	6	0.713901276
Vineyard St	6	0.32771874
Baxter St	6	0.221013117
Dexter St	6	0.711640927
Hamilton St	6	0.235771079
Laura St	6	0.564743342
Cahill St	6	0.252457395
Ellenfield St	6	0.980339958
Oxford St	6	0.22337658
Homestead Ave	6	0.312296835
Huntington Ave	6	0.22711046
Sayles St	6	0.233296589
Oxford St	6	0.228312181
Hamilton St	6	0.267545223
Oxford St	6	0.104655512
Lehigh St	6	0.534436648
Calhoun Ave	6	0.316139487
Gordon Ave	6	0.632288458
Melrose St	6	0.349280035
Gallup St	6	0.579074819

Hamilton St	6	0.284784251
Niagara St	6	0.282412372
Rugby St	6	0.094618742
King Philip St	6	0.507499826
Dresser St	6	0.304338544
Reservoir Ave	6	0.181874908
Narragansett Ave	6	0.941788549
Louis Ave	6	0.248725948
Gallup St	6	0.263392066
Madison St	6	0.723532574
Gordon Ave	6	0.441987895
Ocean St	6	0.212062877
Gallup St	6	0.680214257
Melrose St	6	0.293534797
Hamilton St	6	0.287370918
Ontario St	6	0.633851371
Niagara St	6	0.280970255
Gordon Ave	6	0.224794738
Melrose St	6	0.286240798
Ontario St	6	0.630423457
Hamilton St	6	0.281510984
Ocean St	6	0.350803158
Lexington Ave	6	0.737432827
Niagara St	6	0.284670173
Gordon Ave	6	0.219572018
Rugby St	6	0.387028832
Colfax St	6	0.528688564
Ontario St	6	0.617067341
	6	0.028803276
Lexington Ave	6	0.622731005
Hamilton St	6	0.284267553
Atlantic Ave	6	0.840129493
Niagara St	6	0.285457784
Lexington Ave	6	0.626378309
Melrose St	6	0.249838523
Atlantic Ave	6	0.621059264
Hamilton St	6	0.287698167
Earl St	6	0.379804763
Adelaide Ave	6	0.627018017
Niagara St	6	0.294950679
Ontario St	6	0.995222698
Atlantic Ave	6	0.622068866
Melrose St	6	0.289557026
Hamilton St	6	0.289155255
Lexington Ave	6	1.002120654
Melrose St	6	0.28971937
Rugby St	6	0.408875305

Niagara St	6	0.281906105
Warrington St	6	0.745946959
Warrington St	6	0.625827455
Cass St	6	0.415097769
Niagara St	6	0.291521286
Reservoir Ave	6	0.248422456
Williams St	6	0.392136869
Williams St	6	0.288244935
Brightwood Ave	6	0.542509028
Sackett St	6	1.009377137
Narragansett Ave	6	0.745384822
Reservoir Ave	6	0.26648156
New York Ave	6	0.979539761
Reservoir Ave	6	0.249150887
Louis Ave	6	0.260706515
New York Ave	6	1.052257984
Louis Ave	6	0.253962266
Reservoir Ave	6	0.279578871
Louis Ave	6	0.248713256
Roger Williams Ave	6	0.860771273
Reservoir Ave	6	0.418992762
Narragansett Ave	6	0.314757726
Reservoir Ave	6	0.332022963
Narragansett Ave	6	0.321812396
Margaret St	6	0.173148778
Stamford Ave	6	0.272270681
Richland St	6	0.258811398
Bucklin St	6	0.216130748
Rose Ave	6	0.222854844
Rialto St	6	0.663440513
Stamford Ave	6	0.278360961
Thurston St	6	0.125127172
Baxter St	6	0.164885147
Rugby St	6	0.10938205
Plain St	6	0.746108445
Poe St	6	0.291233829
Narragansett Ave	6	0.074034297
Providence Pl	6	0.093414391
Broad St	6	0.1970516
Power St	6	0.401987894
Broad St	6	0.073558385
Broad St	6	0.227331037
Broad St	6	0.102621258
Thayer St	6	0.317910606
Thayer St	6	0.360329573
Sabin St	6	0.353085289
Transit St	6	0.153290704

Transit St	6	0.145549945
Arnold St	6	0.158494253
Arnold St	6	0.146274575
John St	6	0.148069749
Kendall St	6	0.266010815
College St	6	0.203175747
Providence Pl	6	0.962411833
Sawyer St	6	0.057546673
Stamford Ave	6	0.287236821
Narragansett Ave	6	0.107523632
Richardson St	6	0.527987532
Richardson St	6	0.321521372
	6	0.908248339
Camden Ave	6	0.271382416
Brightwood Ave	6	0.44624995
Pine St	6	0.180088275
Prospect St	6	0.160017304
Smithfield Ave	6	0.3298692
Promenade St	6	0.461584542
Tobey St	6	0.290656224
Tockwotton St	6	0.124298392
Gilmore St	6	0.201508879
Fruit Hill Ave	6	0.287358561
S Water St	6	0.478644746
S Water St	6	0.392700516
Greene St	6	0.450988011
	6	0.000212367
Atlantic Ave	6	0.184498224
Atlantic Ave	6	1.005760366
Crary St	6	0.650954087
Blackstone Blvd	6	0.231894547
Charles St	6	0.267291107
Charles St	6	0.275279216
S Main St	6	0.387472251
S Main St	6	0.407576682
Chestnut St	6	0.269973194
Saratoga St	6	0.503205864
Gordon Ave	6	0.16689431
Burnside St	6	0.179386587
Plain St	6	0.195802345
S Water St	6	0.270999594
	6	0.127913866
Dollar St	6	0.252188457
N Main St	6	0.286022095
Friendship St	6	0.301894311
S Water St	6	0.132027926
Rugby St	6	0.105583524

Washington St	6	0.144868965
Pleasant Valley Pky	6	0.073524544
Pleasant Valley Pky	6	0.100861479
	6	0.045425376
	6	0.0424133
2Nd St	6	0.045990069
Clifford St	6	0.059877389
Job St	5	0.193177029
Veazie St	5	0.656201285
Houghton St	5	0.760275162
Argol St	5	0.092095568
Veazie St	5	0.297586076
Wild St	5	0.218950802
Veazie St	5	0.217718385
Smithfield Ave	5	0.269369979
Henrietta St	5	0.383213226
Longmont St	5	0.230685993
Sussex St	5	0.604867582
Candace St	5	0.129342094
Lotus Pl	5	0.234132481
Westford Rd	5	0.151624545
Burlington St	5	0.236897335
Cheshire St	5	0.07964134
Cornwall St	5	0.554172559
Cemetery St	5	0.432402587
Fernando St	5	0.451742001
Summit Ave	5	0.233204406
Berkshire St	5	0.415084926
Ardmore Ave	5	0.242225054
Ledge St	5	0.080571226
Nashua St	5	0.245537363
Smithfield Ave	5	0.244630658
Langdon St	5	0.152762105
Nashua St	5	0.181959865
Wanskuck Ave	5	0.431556773
Langdon St	5	0.393294147
Cemetery St	5	0.127461515
7Th St	5	0.369802793
Frost St	5	0.115188425
Overhill Rd	5	0.010604851
Nashua St	5	0.584135903
Frost St	5	0.241596167
Concord St	5	0.168733076
Cemetery St	5	0.209582846
Kentland Ave	5	0.580056681
Summit Ave	5	0.231653219
Lancashire St	5	0.220075693

Cemetery St	5	0.415599611
Cole Ave	5	0.251551086
Lorimer Ave	5	0.231786553
Sunrise Dr	5	0.413576548
Commodore St	5	0.308109649
Summit Ave	5	0.192279448
Chatham St	5	0.234168
Summit Ave	5	0.030340341
Glasgow St	5	0.153097188
Commodore St	5	0.229483817
Lorimer Ave	5	0.237891085
Loreto St	5	0.184770996
Loreto St	5	0.230030382
Glasgow St	5	0.193948279
Summit Ave	5	0.218658495
Cornwall St	5	0.803566765
Cheshire St	5	0.182884433
Yorkshire St	5	0.750646411
Anchor St	5	0.41197416
Cheshire St	5	0.238901636
Lombardi St	5	0.218923403
Cheshire St	5	0.225572395
Forbes St	5	0.500259978
Berkshire St	5	0.355546168
Cole Ave	5	0.051338249
Grotto Ave	5	0.19941938
Wardlaw Ave	5	0.218941161
Wardlaw Ct	5	0.272907444
Basswood Ave	5	0.792337683
Homefield Ave	5	0.727878707
Commodore St	5	0.425535552
Wardlaw Ave	5	0.409549822
Wardlaw Ave	5	0.216242153
Old Tannery Rd	5	0.231861652
Ravenswood Ave	5	0.70212638
Touro St	5	0.564923589
Woodbury St	5	0.459576395
Lasalle Dr	5	0.68373549
Huxley Ave	5	0.180876106
Callan St	5	0.880162449
Mowry St	5	0.183723498
Cole Ave	5	0.23036378
Cathedral Ave	5	0.546216718
Cathedral Ave	5	0.271384309
Cathedral Ave	5	0.05801529
Cathedral Ave	5	0.019741789
Huxley Ave	5	0.127266285

Barnes St	5	0.72286288
Brown St	5	0.231654557
Branch Ave	5	0.126480147
Mount Ave	5	0.237192852
Sessions St	5	0.321746612
Sessions St	5	0.218836815
Grotto Ave	5	0.051939046
Huxley Ave	5	0.218149935
Wabun Ave	5	0.226786257
Lincoln Ave	5	0.248192366
Quincy St	5	0.274665951
Cole Ave	5	0.229750455
Huxley Ave	5	0.252736143
Chad Brown St	5	0.222330857
Chad Brown St	5	0.289343943
Whitford Ave	5	0.243416125
Chad Brown St	5	0.233891156
Upton Ave	5	0.218691798
Doyle Ave	5	0.579281704
Whipple St	5	0.74427739
Freeman Pky	5	0.480251454
Fruit Hill Ave	5	0.187272305
Salvan St	5	0.108466914
Vale St	5	0.203170306
Camden Ave	5	0.227969919
Huxley Ave	5	0.367586087
Ruggles St	5	0.222859728
Fruit Hill Ave	5	0.352109633
Hope St	5	0.225549407
Branch Ave	5	0.264185715
Branch Ave	5	0.256097826
Blackstone Blvd	5	0.705392641
Branch Ave	5	0.168320439
Branch Ave	5	0.157611746
Branch Ave	5	0.615432586
Branch Ave	5	0.338090077
Hope St	5	0.266810665
Branch Ave	5	0.21070338
Elmgrove Ave	5	0.516453955
Elmgrove Ave	5	0.457056013
Elmgrove Ave	5	0.274522791
Elmgrove Ave	5	0.485714325
Rochambeau Ave	5	0.28360541
Laurel Ave	5	0.23975532
Laurel Ave	5	0.238399881
Orms St	5	0.233031954
Orms St	5	0.50872075

Ruggles St	5	0.244969817
Freeman Pky	5	0.463613956
Freeman Pky	5	0.157608952
Whipple St	5	0.142143109
Fruit Hill Ave	5	0.264667931
Candace St	5	0.195881486
Metropolitan Rd	5	0.182931612
N Main St	5	0.07914919
Camden Ave	5	1.059319226
Woonasquatucket Ave	5	0.061955668
Slater Ave	5	0.651177665
President Ave	5	0.2386667
Lorraine Ave	5	0.66187689
Candace St	5	0.206052273
President Ave	5	0.229905241
Morris Ave	5	0.365200193
Everett Ave	5	0.425511198
Irving Ave	5	0.327192003
Galileo Ave	5	0.187819545
Everett Ave	5	0.235310232
Everett Ave	5	0.209191928
Waller St	5	0.39121916
Winthrop Ave	5	0.403977017
	5	0.127999772
Standish Ave	5	0.194753386
Galileo Ave	5	0.363097464
Slater Ave	5	0.377986318
Olney St	5	0.14223821
Everett Ave	5	0.590707386
Pleasant Valley Pky	5	0.680659709
Lorraine Ave	5	0.383473454
President Ave	5	0.218488936
Prospect St	5	0.221577636
Brown St	5	0.290564839
Hidden St	5	0.277628097
View St	5	0.213439883
Huber Ave	5	0.254077202
Slater Ave	5	0.218220275
Huber Ave	5	0.226191316
Richter St	5	0.606396908
University Ave	5	0.479561342
Academy Ave	5	0.208320098
Brown St	5	0.24046234
Waller St	5	0.491207224
Halsey St	5	0.310474542
Miles Ave	5	0.384050917
Halsey St	5	0.275766432

Congdon St	5	0.285016687
Halsey St	5	0.043336196
Winthrop Ave	5	0.489530891
Winrooth Ave	5	0.578767786
Slater Ave	5	0.219315263
Halsey St	5	0.202587655
Standish Ave	5	0.494483561
Carleton St	5	0.198641641
Brush Hill Rd	5	0.202963892
Elizabeth St	5	0.252755839
Humboldt Ave	5	0.349136373
Kingston Ave	5	0.372091806
Benefit St	5	0.34362124
Brown St	5	0.33208002
Creighton St	5	0.540840227
Weymouth St	5	0.703103005
Galileo Ave	5	0.729242786
Wayland Ave	5	0.219004364
Obediah Brown Rd	5	1.63413295
University Ave	5	0.462052626
Prospect St	5	0.215040408
Jenckes St	5	0.280898585
Galileo Ave	5	0.184459734
Jenckes St	5	0.049382381
Congdon St	5	0.444142059
Barnes St	5	0.560172852
Jenckes St	5	0.197252798
Pratt St	5	0.346796043
Linton St	5	0.166731653
Prospect St	5	0.360680254
River Dr	5	0.879954638
Huron St	5	0.395357763
Cushing St	5	0.422888731
Brown St	5	0.236420569
Cooke St	5	0.304085392
Roanoke St	5	0.230237069
Meeting St	5	0.368626477
Elton St	5	0.331138333
Jenckes St	5	0.358913074
Benefit St	5	0.349515459
Waller St	5	0.515549438
Winthrop Ave	5	0.518869397
Standish Ave	5	0.514990963
State St	5	1.210486277
Grosvenor Ave	5	0.973007051
Irving Ave	5	0.426684362
Fallon Ave	5	0.893876723

Canton St	5	0.847868206
Berlin St	5	0.886428736
Holden St	5	0.291562824
Galileo Ave	5	0.196495973
Belmont Ave	5	0.627388176
Keene St	5	0.720552824
Brown St	5	0.258616325
Belmont Ave	5	0.274602853
Benefit St	5	0.200166438
W Park St	5	0.295207248
Keene St	5	0.544970584
Prospect St	5	0.27328226
Harmony Dr	5	0.503109886
Brown St	5	0.238279107
Roanoke St	5	0.275784535
Orchard Ave	5	0.737505054
Wayland Ave	5	0.170977735
Claremont Ave	5	0.253390819
Roanoke St	5	0.202235889
Congdon St	5	0.554966118
McClellan St	5	0.551687109
Beaufort St	5	0.388668925
Pemberton St	5	0.28392175
Brown St	5	0.243487333
Angell St	5	0.263975547
Bowen St	5	0.497414615
Congdon St	5	0.221098391
Brinkley St	5	0.525565685
Beaufort St	5	0.563226465
Angell St	5	0.61909926
Almira Ave	5	0.189817698
Cushing St	5	0.308412797
Pemberton St	5	0.290700309
Carleton St	5	0.290054057
Brown St	5	0.349413064
Brown St	5	0.009214611
Cushing St	5	0.447769127
Pemberton St	5	0.197329714
Benefit St	5	0.293354448
Pemberton St	5	0.102045971
Fairview St	5	0.416269877
Dover St	5	0.422331057
Brown St	5	0.234190466
Allston St	5	0.351584916
Brown St	5	0.156184765
Stillman St	5	0.250073844
Health Ave	5	0.749759467

Prospect St	5	0.153508181
Harris Ave	5	0.111337033
Governor St	5	0.160704452
Cliff St	5	0.40310051
Dutton St	5	0.347588426
Medway St	5	0.711418367
Cloud St	5	0.189489784
Promenade St	5	0.471692308
Meeting St	5	0.405341122
Prospect St	5	0.252563879
Promenade St	5	0.157015159
Leah St	5	0.200185973
Fairview St	5	0.191074092
Lynch St	5	0.472616185
Gray St	5	1.240959168
Carleton St	5	0.178801994
Wayland Ave	5	0.251357349
Promenade St	5	0.378102573
Medway St	5	0.573528402
Meeting St	5	0.360544515
Pemberton St	5	0.217400008
Leah St	5	0.168505179
Chaucer St	5	0.189074714
Carleton St	5	0.141961919
Carleton St	5	0.031836794
Ticknor St	5	0.409050279
Rill St	5	0.230872446
Carleton St	5	0.192386933
Providence Pl	5	0.067319703
Providence Pl	5	0.018693883
Rill St	5	0.209793685
Finance Way	5	0.68918237
Aurora St	5	0.210147711
Rill St	5	0.081863166
Benefit St	5	0.097501657
Wealth Ave	5	0.750349342
Woodside Rd	5	0.431875298
Carleton St	5	0.177733039
E Manning St	5	0.574442786
Ives St	5	0.259086399
E Manning St	5	0.26819432
Yale Ave	5	0.176514533
Rill St	5	0.123600085
Carleton St	5	0.052286992
Memorial Blvd	5	0.90092729
Leah St	5	0.534740855
Governor St	5	0.089599233

Yale Ave	5	0.187087495
Manning St	5	0.411628102
Cooke St	5	0.313516188
Memorial Blvd	5	0.903415585
Fairmount Ave	5	0.313261498
Leah St	5	0.193515089
College St	5	0.576186813
Benefit St	5	0.426788561
Ives St	5	0.227917197
Amsterdam St	5	0.144138139
Weybosset St	5	0.1475185
Amherst St	5	0.154058652
Desoto St	5	0.30243669
Grove St	5	0.318516977
Bowdoin St	5	0.134051699
Appleton St	5	0.112975583
Ives St	5	0.237235868
College St	5	0.287880745
E George St	5	0.330768873
Riverdale St	5	0.19515184
Benefit St	5	0.261817032
Newark St	5	0.493692562
Parnell St	5	0.314745891
Leah St	5	0.349754009
Cooke St	5	0.259322416
Amy St	5	0.576714868
Ives St	5	0.229164407
Sims Ave	5	0.750889877
Hopkins St	5	0.280202863
Carleton St	5	0.69879064
Riverdale St	5	0.207093374
Sears Ave	5	0.247429776
Brayton Ave	5	0.251064933
Cedar St	5	0.35109827
Salmon St	5	0.359496867
	5	0.34285286
Mountain St	5	0.102940666
Sutton St	5	0.251435759
Ives St	5	0.234634877
Mathewson St	5	0.174495181
Pallas St	5	0.264931598
Ives St	5	0.237236493
Trenton St	5	0.578355366
Preston St	5	0.576408243
Cooke St	5	0.271170086
Preston St	5	0.429943261
Bowdoin St	5	0.296953828

Charlesfield St	5	0.425474959
Putnam St	5	0.297496138
Charlesfield St	5	0.338750349
Mountain St	5	0.009933916
Mcavoy St	5	0.249916932
Gesler St	5	0.201198639
Pelham St	5	0.134051422
Sheldon St	5	0.348294248
Cooke St	5	0.309854584
Bowdoin St	5	0.167726186
Clemence St	5	0.222391991
Amherst St	5	0.227323126
Newton St	5	0.186294018
Amherst St	5	0.22917578
Amherst St	5	0.181125656
Amherst St	5	0.201591592
Sheridan St	5	0.183392229
Amherst St	5	0.150362244
Tuxedo Ave	5	0.478777784
Sutton St	5	0.279017072
Gesler St	5	0.195455398
Knight St	5	0.163924499
S Water St	5	0.149708365
Orange St	5	0.292025813
Curtis St	5	0.208102642
Sheridan St	5	0.191355298
Union St	5	0.41919173
Peck St	5	0.215256036
Steuben St	5	0.250015384
Fremont St	5	0.574623422
Curtis St	5	0.252392606
Kossuth St	5	0.221328561
Federal St	5	0.112629709
Adrian Hall Way	5	0.265732607
Fremont St	5	0.479369636
Kossuth St	5	0.229549875
Gesler St	5	0.459450955
Kossuth St	5	0.223930742
Kossuth St	5	0.231418648
Kossuth St	5	0.223788175
Bowdoin St	5	0.509582266
Kossuth St	5	0.231143317
Pope St	5	0.216589147
E Transit St	5	0.574855221
Ives St	5	0.233313704
Barclay St	5	0.183671754
Almy St	5	0.227295255

Federal St	5	0.222106201
E Transit St	5	0.473462935
John St	5	0.687633595
Helme St	5	0.419037403
Almy St	5	0.228685263
Julian St	5	0.416499637
Trenton St	5	0.47150844
Helme St	5	0.086969486
Bowdoin St	5	0.517238264
Penn St	5	0.569072244
Putnam St	5	0.544704676
Appleton St	5	0.273259805
Ives St	5	0.239632174
Almy St	5	0.217312794
Appleton St	5	0.090013534
Carpenter St	5	0.25893467
Florence St	5	0.760008044
Ringgold St	5	0.375306779
Carpenter St	5	0.141068176
Cargill St	5	0.121725283
Almy St	5	0.249847093
Delaine St	5	0.459576071
Crowninshield St	5	0.423432934
Priscilla Ave	5	0.227506413
Whittier Ave	5	0.229708747
George M Cohan Blvd	5	0.212107953
Marshall St	5	0.338257717
Oak St	5	0.303320636
Sheldon St	5	0.372345997
Carpenter St	5	0.092317732
Pallas St	5	0.179333197
Julian St	5	0.302009562
Appleton St	5	0.143036307
Almy St	5	0.23302666
Vinton St	5	0.234488925
Spencer St	5	0.389086457
Pierce St	5	0.323148691
Marshall St	5	0.19936947
Winter St	5	0.246778456
Carpenter St	5	0.115302491
Chestnut St	5	0.411404791
Vinton St	5	0.044876863
Broad St	5	0.277162846
Carpenter St	5	0.35575688
Chaffee St	5	0.295000733
Friendship St	5	0.579928141
Thompson St	5	0.1678254

W Fountain St	5	0.277503625
Cargill St	5	0.342727974
W Fountain St	5	0.22692564
Brook St	5	0.120923061
George M Cohan Blvd	5	0.30031295
W Fountain St	5	0.168057295
Marshall St	5	0.157117632
George M Cohan Blvd	5	0.186570533
Thompson St	5	0.158114373
Elbow St	5	0.313536243
W Fountain St	5	0.381779221
Traverse St	5	0.283100537
Carpenter St	5	0.538900429
Vinton St	5	0.208531709
George M Cohan Blvd	5	0.257175421
Luongo Memorial Sq	5	0.078895884
Traverse St	5	0.401773717
Bell St	5	0.219647335
Grover St	5	0.358185644
Delaine St	5	0.586189589
Clifford St	5	0.380796316
Knight St	5	0.217841189
Meador St	5	0.188938622
Carpenter St	5	0.129942168
Meador St	5	0.39003669
Pine St	5	0.252955603
Meador St	5	0.195164626
Elbow St	5	0.315602344
Carpenter St	5	0.326870011
Marshall St	5	0.114585727
Claverick St	5	0.245261479
India St	5	1.784816142
Merino St	5	0.511236274
Lloyd Ave	5	0.30351249
Lloyd Ave	5	1.299052615
Waterman St	5	0.411568243
Thomas St	5	0.258421431
Waterman St	5	0.650738084
Waterman St	5	0.333468764
Exchange Ter	5	0.296910847
Eddy St	5	0.255918045
Eddy St	5	0.160897299
Hope St	5	0.182367737
Slocum St	5	0.391422599
Tockwotton St	5	0.324949166
Merino St	5	0.0989577
Grover St	5	0.283583559

Merino St	5	0.252055116
India St	5	0.326727114
Harrison St	5	0.224406258
Dike St	5	0.448790044
Eastwood Ave	5	0.284623195
Edna St	5	0.510769998
Mott St	5	0.254991196
Eastwood Ave	5	0.377708344
Myra St	5	0.83842221
Eastwood Ave	5	0.324133708
Eastwood Ave	5	0.492014315
Springfield St	5	0.197621465
Laban St	5	0.318471245
Marengo St	5	0.245987131
Eastwood Ave	5	0.54528868
Agnes St	5	0.241180915
Laban St	5	0.640747004
Pearl St	5	0.119456016
Laban St	5	0.280135628
Oak St	5	0.2945182
Wadsworth St	5	0.516502063
Mt Vernon St	5	0.41571091
Marlborough Ave	5	0.595199413
Pocasset Ave	5	0.294213338
Laban St	5	0.327880983
Whittier Ave	5	0.599725229
Gifford St	5	0.238037907
Whittier Ave	5	0.319717264
Laban St	5	0.51130771
Merino St	5	0.236543797
Agnes St	5	0.233381952
Atwood St	5	0.569945227
Magnolia St	5	0.307006282
Magnolia St	5	0.249445267
Whittier Ave	5	0.323960322
Willow St	5	0.174481715
Whittier Ave	5	0.504590472
Laurel Hill Ave	5	0.240739739
Alverson Ave	5	1.177131827
Merino St	5	0.098559799
Elder Pl	5	0.085236674
Borden St	5	0.20884195
W Clifford St	5	0.235382856
Kelley St	5	0.52055297
Friendship St	5	0.223376543
Providence St	5	0.234497685
Dorchester Ave	5	0.240758074

Deborah St	5	0.479442537
Friendship St	5	0.14021034
Somerset St	5	0.214567529
Harrison St	5	0.321497147
Constitution St	5	0.474504414
Wilson St	5	0.174600928
Sterling Ave	5	0.248284557
Friendship St	5	0.089831958
Gilmore St	5	0.181637738
Wilson St	5	0.202451487
Wilson St	5	0.216140213
Wilson St	5	0.286581271
Roosevelt St	5	0.744996448
Wilson St	5	0.66438518
Sterling Ave	5	0.335876235
Salvati Way	5	0.230255457
Waverly St	5	1.531889203
Elmdale Ave	5	0.503924029
Wadsworth St	5	0.549009755
Peace St	5	0.630462826
Peace St	5	0.632416826
Bucklin St	5	0.247672537
Mutual St	5	0.159318478
Ninigret Ave	5	0.332347833
Anthony Ave	5	0.186317725
Updike St	5	0.194910345
Mawney St	5	0.857278451
Harrison St	5	0.232223511
Wendell St	5	0.72056511
Warren St	5	0.290580221
Fuller St	5	0.220503275
Warren St	5	0.489664269
Hollis St	5	0.421810049
Friendship St	5	0.154319672
Warren St	5	0.587178607
Hollis St	5	0.228887146
Cumerford St	5	0.460077478
Clarence St	5	0.510592953
Myrtle St	5	0.125636824
Superior St	5	0.47325427
Harrison St	5	0.256755276
Westfield St	5	0.317447733
Fuller St	5	0.217172163
Westfield St	5	0.382470163
Roosevelt St	5	1.131129802
Blackstone St	5	0.671373204
Friendship St	5	0.252894724

Westfield St	5	0.507549681
Clarence St	5	0.491370197
Culver St	5	0.232750495
Cumerford St	5	0.234762607
Parkis Ave	5	0.945481175
Clarence St	5	1.003269949
Rhodes St	5	0.102753569
Willard Ave	5	0.645077145
Plain St	5	0.232575193
Cromwell St	5	0.877803688
Plain St	5	0.235558201
Fuller St	5	0.215025236
Sterling Ave	5	1.08995037
Blackstone St	5	1.329958557
Willard Ave	5	0.160457215
Cumerford St	5	0.229733278
Priscilla Ave	5	0.230382447
Sorrento St	5	0.358328123
Willard Ave	5	0.262258316
Sorrento St	5	0.24296922
Priscilla Ave	5	0.234116105
Woodman St	5	0.830502893
Waldo St	5	0.059969754
Borinquen St	5	0.849687241
Plain St	5	0.327085485
Cumerford St	5	0.468953346
Priscilla Ave	5	0.232960641
Rhodes St	5	0.270292398
Salvati Way	5	0.239982805
Plain St	5	0.304230247
Priscilla Ave	5	0.229260674
Dora St	5	0.827711095
Shafter St	5	0.397316644
Rhodes St	5	0.568229608
Bellevue Ave	5	0.775570614
Willard Ave	5	0.601325295
Noyes Ave	5	0.321911
Anthony Ave	5	0.191321199
Homestead Ave	5	0.324711585
Anthony Ave	5	0.18983231
Chester Ave	5	0.589087901
Updike St	5	0.194860332
Whitmarsh St	5	0.667976274
	5	0.01666924
Princeton Ave	5	0.715476422
Updike St	5	0.210653205
Sherburne St	5	0.493874263

Dexter St	5	0.293472992
Princeton Ave	5	0.71330753
Plain St	5	0.229423227
Farmington Ave	5	0.313263557
Moore St	5	0.756897476
Updike St	5	0.205436417
Cahill St	5	0.189484374
Reynolds Ave	5	0.561659644
Anthony Ave	5	0.448674861
Moore St	5	0.762715579
Burnside St	5	0.239107673
Updike St	5	0.206817538
Daboll St	5	0.813945033
Calhoun Ave	5	0.324369023
Anthony Ave	5	0.195172136
Miner St	5	0.534410061
Harriet St	5	0.530168274
Norwich Ave	5	0.644484124
Autumn St	5	0.128064446
Calder St	5	0.594561139
Laura St	5	0.520008959
Wyatt St	5	0.328815409
Laura St	5	0.521568939
Massie Ave	5	0.60477729
Bucklin St	5	0.270893831
Ashmont St	5	0.461509334
Ashmont St	5	0.122691271
W Fountain St	5	0.296581163
Corinth St	5	0.6405918
Savings St	5	0.173060713
Sayles St	5	0.221211997
Ashmont St	5	0.361235804
Mitchell St	5	0.519152726
Congress Ave	5	0.462014598
East St	5	0.206362652
Williams St	5	0.353561055
Mattie St	5	0.272965449
Reservoir Ave	5	0.144510971
Ansel Ave	5	0.652816024
F C Greene Memorial	5	0.480491766
Virginia Ave	5	0.199197871
Parkman St	5	0.238267181
Houston St	5	0.120106521
Colfax St	5	0.4753897
Houston St	5	0.182859717
Bucklin St	5	0.329833799
Mitchell St	5	0.523010716

Colfax St	5	0.217418902
Congress Ave	5	0.522986337
Vineyard St	5	0.42594395
Houston St	5	0.194413237
Rachel St	5	0.3713494
Rugby St	5	0.297352995
Colfax St	5	0.567063238
Congress Ave	5	0.518365217
Redwing St	5	0.145748581
Warrington St	5	0.524549213
Friendship St	5	0.156794659
Althea St	5	0.43616736
Applegate Ln	5	0.393343816
Congress Ave	5	0.782326185
Nebraska St	5	0.177237363
Sumter St	5	0.444776777
Sumter St	5	0.516051672
Rugby St	5	0.256587752
Terminal Rd	5	3.322479722
Early St	5	0.189218618
Niagara St	5	0.236561403
Niagara St	5	0.239749948
Warrington St	5	0.513239846
Reservoir Ave	5	0.079326765
Sassafras St	5	0.615902498
Warrington St	5	0.837953809
Alexander St	5	0.238332707
Sinclair Ave	5	0.709487126
Sinclair Ave	5	0.708474796
Roger St	5	0.241006304
Ruby St	5	0.160429278
Algonquin St	5	0.297598929
Savings St	5	0.229867311
Virginia Ave	5	0.193164313
Cass St	5	0.678095404
Johnson St	5	0.491590122
Algonquin St	5	0.266192326
Corinth St	5	0.570563701
Chapman St	5	0.82359099
Parkview Ave	5	0.393040075
Bailey Blvd	5	0.493882335
Reservoir Ave	5	0.238498074
New York Ave	5	0.164723057
Crescent St	5	0.208875504
Jillson St	5	0.495163112
Jillson St	5	0.148430595
Virginia Ave	5	0.198399028

Reservoir Ave	5	0.161937243
Ardoene St	5	0.568871607
Virginia Ave	5	0.206255955
Wildwood Ave	5	0.588288606
Virginia Ave	5	0.19967432
Delmar Ave	5	0.606977315
F C Greene Memorial	5	0.465087087
Hawthorne Rd	5	0.129320141
Reservoir Ave	5	0.425589112
Alexander St	5	0.23970515
Alexander St	5	0.267284858
Reservoir Ave	5	0.085086484
Rutherglen Ave	5	0.682667478
Alexander St	5	0.256723235
Rutherglen Ave	5	0.713426845
Virginia Ave	5	0.214199669
Rutherglen Ave	5	0.473009141
Falconer St	5	0.258072492
Rutherglen Ave	5	0.047288757
Rutherglen Ave	5	0.086736176
Rutherglen Ave	5	0.207014969
Sinclair Ave	5	0.707202505
Rose Ave	5	0.448848919
Netop Dr	5	0.285888977
Annie St	5	0.404568327
Vicksburg St	5	0.24654333
Glasgow St	5	0.185472718
Touro St	5	0.341173372
Ives St	5	0.234981184
Transit St	5	0.25320482
Boyd St	5	0.587077153
Allston St	5	0.226153632
Dover St	5	0.595011328
Stamford Ave	5	0.220772481
Hamlin St	5	0.265236968
Temple Ave	5	0.074906341
Stamford Ave	5	0.231456438
Thurston St	5	0.371644911
Potter Dr	5	0.495324417
Netop Dr	5	0.289611871
Mckinley St	5	0.370971949
Stamford Ave	5	0.220773955
Fenner St	5	0.26548705
Clifford St	5	0.587105667
Brook St	5	0.101391229
Magnolia St	5	0.286342209
Clifford St	5	0.402978847

Fillmore St	5	0.173446011
Fillmore St	5	0.064778697
Fillmore St	5	0.090079492
Benevolent St	5	0.442278589
Benevolent St	5	0.346657642
Petteys Ave	5	1.24899568
Union Ave	5	0.280471478
Power St	5	0.239604832
Broad St	5	0.063518611
Eddy St	5	0.193215799
Broad St	5	0.024085313
Waterman St	5	0.43609521
Hope St	5	0.133976865
Prospect St	5	0.295815068
W River St	5	1.77957812
Transit St	5	0.219050981
Benefit St	5	0.091390792
Providence Pl	5	0.196807536
Parkway Ave	5	0.18737701
W Fountain St	5	0.108707828
Narragansett Ave	5	0.128214957
Ernest St	5	0.661871767
Huxley Ave	5	0.707540441
Fillmore St	5	0.391450823
Langdon St	5	0.185629404
Grotto Ave	5	0.040268324
Anthony Ave	5	0.391159898
Anthony Ave	5	0.001316373
Huxley Ave	5	0.252323004
Vale St	5	0.117804852
Friendship St	5	0.07117227
Prospect St	5	0.148089474
Slater Ave	5	0.090934208
Goldsmith St	5	0.169435162
Nellie St	5	0.569792425
Parade St	5	0.432769819
Vinton St	5	0.145571306
Gilmore St	5	0.26704974
Exchange St	5	0.267486719
Charles St	5	0.134636292
Clifford St	5	0.452714372
Clifford St	5	0.267308735
Smithfield Ave	5	1.652388976
Pallas St	5	0.238570684
Wesleyan Ave	5	0.66190354
Devine St	5	0.176960731
Exchange St	5	0.344407028

Pine St	5	0.13098527
W Exchange St	5	1.13003154
Promenade St	5	0.660584061
Waterman St	5	0.743282243
Branch Ave	5	0.473455753
Burnside St	5	0.132736212
Plain St	5	0.124007844
Park St	5	0.10566994
Park St	5	0.514459195
Claverick St	5	0.213743414
Friendship St	5	0.370054426
S Main St	5	0.355797085
College St	5	0.109025043
Hawthorne Rd	5	0.092113728
Nancy St	5	0.263001743
	5	0.033185057
	5	2.267816416
	5	0.98254158
Josa St	4	0.163946746
Leo Ave	4	0.437034676
Famiglietti Dr	4	0.391817901
Ralston St	4	0.457021806
Woodward Rd	4	0.224445989
Windmill St	4	0.231770327
Sedan St	4	0.262441878
Woodward Rd	4	0.075488685
Udell St	4	0.493596918
Christopher St	4	0.811199952
Windmill St	4	0.155943261
Devon St	4	0.299201685
Lisi Ln	4	0.150314168
Woodward Rd	4	0.292917824
Windmill St	4	0.165436587
Woodward Rd	4	0.119471961
Smart St	4	0.502649179
Smart St	4	0.365435992
Di Mario Dr	4	0.26479449
Jasper St	4	0.15010973
Parente St	4	0.153253837
Windmill St	4	0.218751776
Jasper St	4	0.159588995
Job St	4	0.20531418
Jasper St	4	0.361870514
Hagan St	4	0.185930222
Manhattan St	4	0.372739882
Batcheller Ave	4	0.66522972
Bingham St	4	0.142522794

Job St	4	0.153901514
Wild St	4	0.162624159
Bismark St	4	0.156476182
Andy St	4	0.668930015
Bismark St	4	0.154162938
Bagalia Rd	4	0.150867228
Windmill St	4	0.521137334
Alaska St	4	0.107096188
Greeley St	4	0.443368859
Alaska St	4	0.187449972
Bismark St	4	0.150887239
Smithfield Ave	4	0.141130438
Paul St	4	0.522935835
Bismark St	4	0.1597772
10Th St	4	0.474344687
Smithfield Ave	4	0.11354363
Paul St	4	0.150786253
Bismark St	4	0.150875382
Danby St	4	0.389862947
Windmill St	4	0.219287295
Henrietta St	4	0.386067477
Nashua St	4	0.410658078
10Th St	4	0.421422148
Matilda St	4	0.195317175
Matilda St	4	0.260238702
Windmill St	4	0.152854938
Job St	4	0.53273833
Concord St	4	0.641350266
Aventine Ave	4	0.252556218
Greeley St	4	0.312765553
Hall St	4	0.328575085
8Th St	4	0.532388713
8Th St	4	0.233802507
Nahant St	4	0.246049939
Opper St	4	0.162259448
Damon St	4	0.171140407
Ashton St	4	0.150874018
Naples Ave	4	0.195623383
Sunbury St	4	0.303448967
Chatham St	4	0.23601994
Westford Rd	4	0.389092338
Cole Ave	4	0.246423597
Magellan St	4	0.189670715
Wabun Ave	4	0.18879165
Frederick St	4	0.45424928
Huber Ave	4	0.184815344
Goddard St	4	0.960923175

Samoset Ave	4	0.258459501
Lauriston St	4	0.339685838
Opper St	4	0.242818033
Cole Ave	4	0.192876559
Holly St	4	0.295205614
Slater Ave	4	0.238190996
Greeley St	4	0.393895099
Sherman St	4	0.18425773
Aventine Ave	4	0.252676368
Blaine St	4	0.498637872
Smithfield Ave	4	0.37853591
Veazie St	4	0.307071631
Summit Ave	4	0.186594467
Concannon St	4	0.259091629
Woodward Rd	4	0.714846251
Winfield Rd	4	0.183836843
North Ave	4	0.612331823
Concannon St	4	0.339437261
8Th St	4	0.462550099
Marietta St	4	0.379997585
Carnac St	4	0.182616322
Cemetery St	4	0.495338769
Winfield Rd	4	0.387287987
Hall St	4	0.170672174
Hawkins St	4	0.230264784
Sunbury St	4	0.174185769
Winfield Rd	4	0.145580395
Edward St	4	0.31730714
Horton St	4	0.371872308
Marietta St	4	0.35470215
Summit Ave	4	0.178580074
Opper St	4	0.156747564
Vaughan St	4	0.447887933
Methyl St	4	0.55321295
Bayard St	4	0.459443101
Overhill Rd	4	0.177577004
Malvern St	4	0.611940051
Sunbury St	4	0.161323275
Hawkins St	4	0.316701383
Siravo St	4	0.189044731
Frost St	4	0.220409135
6Th St	4	0.288550978
Overhill Rd	4	0.246637938
Ogden St	4	0.548403909
Sunbury St	4	0.170401366
Bayard St	4	0.188046047
6Th St	4	0.181810049

5Th St	4	0.283841647
Longwood Ave	4	0.160113928
6Th St	4	0.271546469
Overhill Rd	4	0.547246397
Bayard St	4	0.185206822
5Th St	4	0.18040769
Nashua St	4	0.407257182
Ascham St	4	0.098147103
4Th St	4	0.27767739
Harwich Rd	4	0.280874215
Highland Ave	4	0.184998482
5Th St	4	0.292688056
6Th St	4	0.545468429
Bayard St	4	0.188032692
4Th St	4	0.180890912
Luna St	4	0.219531054
4Th St	4	0.31483022
Lorimer Ave	4	0.187508499
5Th St	4	0.542471826
Sunbury St	4	0.236815642
Bayard St	4	0.178863067
Naples Ave	4	0.676480506
Cole Ave	4	0.195932642
Westford Rd	4	0.330749573
4Th St	4	0.539514379
Holly St	4	0.07690782
4Th St	4	0.198104779
Clyde St	4	0.342338535
Denison St	4	0.255249864
Intervale Rd	4	0.389017084
Cole Ave	4	0.195920673
Lauriston St	4	0.538782772
Virginia Ln	4	0.526465636
Intervale Rd	4	0.140257065
Intervale Rd	4	0.19855528
Holly St	4	0.13802162
Holly St	4	0.052590742
Lauriston St	4	0.191464045
Burlington St	4	0.204976336
Glendale Ave	4	0.386698309
Exeter St	4	0.351813796
Glendale Ave	4	0.103390069
Lorimer Ave	4	0.185288463
Burlington St	4	0.33832168
Lucille St	4	0.41192264
Royal Little Dr	4	1.906791675
Bradley St	4	0.18153708

Cole Ave	4	0.231704581
Mink Rd	4	0.42886258
Mutual Pl	4	0.172585976
Walton St	4	0.159845498
Cumberland St	4	0.153724073
Walton St	4	0.188675469
Walton St	4	0.185980771
Walton St	4	0.140339277
Forbes St	4	0.193391907
Walton St	4	0.256367566
Grape St	4	0.092885866
Slater Ave	4	0.201478503
Grotto Ave	4	0.572853939
Lyndhurst Ave	4	0.580629036
Fairoaks Ave	4	0.178243936
March St	4	0.207783116
Danforth St	4	0.20014939
President Ave	4	0.209501913
Old Tannery Rd	4	0.052468072
Cole Ave	4	0.363322914
Longmont St	4	0.149829083
Yorkshire St	4	0.452900814
Old Tannery Rd	4	0.201740987
Lucille St	4	0.337660024
Hooker St	4	0.1075217
Ceres St	4	0.144935087
Ceres St	4	0.193148009
Grape St	4	0.310065441
Salter St	4	0.15948299
Jastram St	4	0.456873234
Dante St	4	0.385678143
Salter St	4	0.179785172
Nelson St	4	0.434204802
Grape St	4	0.040017481
Woodbury St	4	0.180420901
Italy St	4	0.537149759
Ventura St	4	0.173955465
Grape St	4	0.113908091
Dante St	4	0.132397028
Ventura St	4	0.171954498
Mowry St	4	0.145618184
Forsyth St	4	0.232237039
Cole Ave	4	0.13796462
Glen Dr	4	0.469686986
Mowry St	4	0.503176371
Forsyth St	4	0.144825431
Savoy St	4	0.165986714

Clym St	4	0.343765528
Meridian St	4	0.369664593
Morris Ave	4	0.20157804
Slater Ave	4	0.195092642
Nelson St	4	0.44284703
Berkshire St	4	0.325398898
Jastram St	4	0.465723534
Clym St	4	0.53360678
Brookway Rd	4	0.320116889
Grotto Ave	4	0.291411724
Meridian St	4	0.178146407
August St	4	0.350596984
Cole Ave	4	0.177972183
Dryden Ln	4	0.168596677
Brentwood Ave	4	0.431606397
Lois Ave	4	0.185253573
Morris Ave	4	0.148787509
Cole Ave	4	0.15799547
Sharon St	4	0.262899378
Jastram St	4	0.367865739
Cole Ave	4	0.187242152
Woonasquatucket Ave	4	0.021444386
Wayland Ave	4	0.181338054
Rowan St	4	0.374946677
Grotto Ave	4	0.190498124
Cole Ave	4	0.126872685
Dryden Ln	4	0.417724549
Mechanics Ave	4	0.340909783
Chad Brown St	4	0.321045879
June St	4	0.194963748
Woodland Ter	4	0.640130046
Grotto Ave	4	0.151189636
Chad Brown St	4	0.480466965
Mount Ave	4	0.384610114
Cole Ave	4	0.090139792
Sessions St	4	0.385955822
Cathedral Ave	4	0.4647153
Donelson St	4	0.325190137
Clarendon Ave	4	0.197004165
Cole Ave	4	0.166240575
Fairoaks Ave	4	0.190812258
Lincoln Ave	4	0.38115383
Grotto Ave	4	0.190078383
Redwood Dr	4	0.180231725
Bevelin Rd	4	0.243609026
Morris Ave	4	0.124852729
Morris Ave	4	0.042370118

Cole Ave	4	0.192308207
Grotto Ave	4	0.191105125
Rankin Ave	4	0.39648985
Fruit Hill Ave	4	0.0664334
Sharon St	4	0.422505701
Whitford Ave	4	0.193727534
Whitford Ave	4	0.207902475
Whitford Ave	4	0.185864123
Morris Ave	4	0.137077033
Oregon St	4	0.188441236
Hilltop Ave	4	0.482607745
Cole Ave	4	0.190625903
Grotto Ave	4	0.186784551
Fairbanks St	4	0.311503976
Rankin Ave	4	0.491386282
N Main St	4	0.087971061
Mansfield St	4	0.303069642
Pekin St	4	0.331014294
Branch Ave	4	0.034337435
Branch Ave	4	0.048297216
Rochambeau Ave	4	0.286572953
Rochambeau Ave	4	0.504827828
Rochambeau Ave	4	0.238919147
Branch Ave	4	0.069152418
Chalkstone Ave	4	0.337121541
Rochambeau Ave	4	0.244523383
Rochambeau Ave	4	0.208607859
Charles St	4	0.28765489
Chalkstone Ave	4	0.145365332
Chalkstone Ave	4	0.100334631
Chalkstone Ave	4	0.060489095
Chalkstone Ave	4	0.101242088
Loring Ave	4	0.332341303
Farm St	4	0.18975673
Whipple St	4	0.475658514
Farm St	4	0.22571604
Webb St	4	0.098426204
Cole Ave	4	0.194780913
Jastram St	4	0.521331609
Webb St	4	0.046445828
Moorland Ave	4	0.191663688
Nelson St	4	0.561835783
Luzon Ave	4	0.415397102
Pekin St	4	0.149557922
President Ave	4	0.546923831
Loring Ave	4	0.201361814
Kimball St	4	0.154636217

Cole Ave	4	0.188466926
Pekin St	4	0.151583077
Everett Ave	4	0.417139323
Wayland Ave	4	0.020558828
Herschel St	4	0.163648588
Crimea St	4	0.249396445
Bolton Ave	4	0.18090143
Webb St	4	0.257631453
Grotto Ave	4	0.188844891
Gulf Ave	4	1.151972929
Cole Ave	4	0.161975854
Loring Ave	4	0.211824112
President Ave	4	0.205596945
Laurel Ct	4	0.274563775
Wayne St	4	0.596977045
Canonchet St	4	0.172927341
Canonchet St	4	0.150846113
Canonchet St	4	0.155535217
Canonchet St	4	0.150710959
Samoset Ave	4	0.149313192
Sharon St	4	0.572967937
Higgins Ave	4	0.482007668
Irving Ave	4	0.478848554
Grotto Ave	4	0.310729308
Cole Ave	4	0.303462511
Young Ave	4	0.302594648
Winrooth Ave	4	0.176721631
View St	4	0.154969837
Glover St	4	0.182839332
Edison Ave	4	0.308510259
View St	4	0.150084381
Huber Ave	4	0.15282007
Ruggles St	4	0.426865287
Victoria St	4	0.266042564
Molloy St	4	0.146547735
Molloy St	4	0.182864494
Molloy St	4	0.15793897
Herschel St	4	0.560485954
Molloy St	4	0.151579414
Rowan St	4	0.226289173
Manomet St	4	0.182361349
Manomet St	4	0.152277438
Manomet St	4	0.151276656
University Ave	4	0.40782517
Manomet St	4	0.150470002
Samoset Ave	4	0.135072765
E River St	4	0.637715084

Fairview St	4	0.412607828
Bowen St	4	0.122062274
Church St	4	0.276249374
Samoset Ave	4	0.047000656
Westcott Ave	4	0.205467949
Cole Ave	4	0.17112475
Victoria St	4	0.181302419
Esten St	4	0.315775386
Herschel St	4	0.236750071
Duke St	4	0.434000139
Violet St	4	0.519429744
Samoset Ave	4	0.18001159
Holden St	4	0.372590432
Winsor St	4	0.314868824
Alden St	4	0.339262729
Victoria St	4	0.185513228
Zone St	4	0.518737478
Biltmore Ave	4	0.523851772
Roanoke St	4	0.311936052
Chaucer St	4	0.361805332
Chaucer St	4	0.148315753
Erastus St	4	0.132003351
Thorne St	4	0.186843451
Humboldt Ave	4	0.335788734
Bath St	4	0.256256737
Promenade St	4	0.093761745
Promenade St	4	0.094005016
Congdon St	4	0.131189425
Calverley St	4	0.184085973
Jewett St	4	0.893537382
Samoset Ave	4	0.187823774
Jewett St	4	0.175379666
Tiffany St	4	0.747130722
Keene St	4	0.168942295
Victoria St	4	0.197084949
Jewett St	4	0.55774335
Felix St	4	0.67301259
Jewett St	4	0.420188591
Calverley St	4	0.182614591
Belmont Ave	4	0.183233731
Claremont Ave	4	0.205566661
Bath St	4	0.186435456
River Dr	4	1.267533423
Ayrault St	4	0.658612522
Calais St	4	0.179682849
W Park St	4	0.188029145
Angell St	4	0.302961239

Oakwood Ave	4	0.403590647
Jewett St	4	0.039114701
Calverley St	4	0.185918602
Okie St	4	0.333939042
Okie St	4	0.189941356
Bath St	4	0.194439315
Roanoke St	4	0.182369056
Holden St	4	0.185533715
W Park St	4	0.435617109
Bergen St	4	0.431738548
Calverley St	4	0.291872773
Paterson St	4	0.186999786
Rathbone St	4	0.606219557
Beaufort St	4	0.407722496
Holden St	4	0.187909369
Almira Ave	4	0.058140244
Almira Ave	4	0.177052836
Almira Ave	4	0.134230989
Leah St	4	0.227516406
Calverley St	4	0.19335345
Bath St	4	0.355875732
Wayland Ave	4	0.271400996
Bowen St	4	0.278172374
Cushing St	4	0.207224759
Rhode Island Ave	4	0.504608708
Nisbet St	4	0.063178579
Dover St	4	0.307687018
Dover St	4	0.412418247
Paterson St	4	0.255012726
Nisbet St	4	0.467218999
Holden St	4	0.189652303
Cady St	4	0.276011191
Promenade St	4	0.414293742
Rushmore Ave	4	0.315040465
Paterson St	4	0.197198891
Lucy St	4	0.365240582
Erastus St	4	0.133982666
Exchange St	4	0.177379259
Hendrick St	4	0.309643345
Pemberton St	4	0.184559599
Benefit St	4	0.261060218
Harris Ave	4	0.153363354
Fairmount Ave	4	0.412436567
Erastus St	4	0.137243624
Riverdale St	4	0.209818761
Fairmount Ave	4	0.152549658
Congdon St	4	0.181320959

South Ct	4	0.188166062
Medway St	4	0.619573917
Fairview St	4	0.493592752
Meeting St	4	0.332576321
South Ct	4	0.050789657
Meeting St	4	0.04326492
Congdon St	4	0.029073197
Hemlock St	4	0.650257606
Benefit St	4	0.125864096
Wisdom Ave	4	0.164803654
Park Row	4	0.179710871
Holden St	4	0.353882281
Pomona Ave	4	0.310587704
Stillman St	4	0.118250577
Pomona Ave	4	0.412684988
Olive St	4	0.329969353
Prospect St	4	0.197992797
Congdon St	4	0.180247983
Pomona Ave	4	0.33129386
Hendrick St	4	0.412072664
Dorr St	4	0.275082972
Hendrick St	4	0.332530682
Seekonk St	4	0.598454363
E Manning St	4	0.12969325
Wayland Ave	4	0.162872464
Erastus St	4	0.157415148
E Manning St	4	0.414892963
Armington Ave	4	0.309522643
Pemberton St	4	0.181423377
Sybaris St	4	0.358813017
Yale Ave	4	0.192016264
Armington Ave	4	0.409194708
Cold Spring St	4	0.311341578
Pitman St	4	0.296708967
Yale Ave	4	0.388493045
Erastus St	4	0.143438396
Yale Ave	4	0.162271487
Wayland Ave	4	0.180577614
Manning St	4	0.378149099
Harris Ave	4	1.680066098
Beetle St	4	0.159789279
Beetle St	4	0.150371005
Ives St	4	0.189447914
Montrose St	4	0.273328358
Harris Ave	4	0.556059597
Killingly St	4	0.09640812
Depasquale Ave	4	0.158482639

Clemence St	4	0.284294381
Federal St	4	0.188570925
Sutton St	4	0.362461624
Bosworth St	4	0.138320219
Curtis St	4	0.201253141
Fountain St	4	0.23080039
Greenman Ln	4	0.248940451
Grove St	4	0.087289101
Montrose St	4	0.168732301
Erastus St	4	0.177367268
Riverdale St	4	0.080770549
Fulton St	4	0.315423086
W	4	0.112089124
Magee St	4	0.191135334
Benefit St	4	0.213691671
Fulton St	4	0.179591078
Crout St	4	0.10350262
Killingly St	4	0.053913534
Arnold St	4	0.296465237
Pelham St	4	0.183896732
Lynch St	4	0.274550818
Young Orchard Ave	4	0.369474473
Jones St	4	0.189428573
Brayton Ave	4	0.180412401
Jones St	4	0.08391922
Salmon St	4	0.601141356
Lily St	4	0.1974922
Mountain St	4	0.095108381
Mountain St	4	0.098132811
Marcello St	4	0.123869622
Amherst St	4	0.151975555
Clemence St	4	0.337616895
Depasquale Ave	4	0.181694251
Federal St	4	0.13111077
Federal St	4	0.050589257
Federal St	4	0.087056777
Courtland St	4	0.181780492
Julian St	4	0.082034661
Pelham St	4	0.032183537
Curtis St	4	0.235824949
Transit St	4	0.298716941
Killingly St	4	0.037464582
Putnam St	4	0.15650032
Crawford St	4	0.146815261
Vinton St	4	0.196895442
Amherst St	4	0.175614544
Gesler St	4	0.11230325

Brown St	4	0.249660824
Lee St	4	0.178227027
Vinton St	4	0.117696689
Solar St	4	0.166239886
Gesler St	4	0.138561708
Vinton St	4	0.062555243
Federal St	4	0.083545822
Steere Ave	4	0.305415587
Federal St	4	0.230785339
Tell St	4	0.383139638
Florence St	4	0.317134813
Julian St	4	0.348481038
Federal St	4	0.271682751
Gesler St	4	0.144167343
Tell St	4	0.201046761
Courtland St	4	0.177806795
Tell St	4	0.368633122
Curtis St	4	0.240721145
Hyat St	4	0.303694365
Courtland St	4	0.18037666
Greene St	4	0.190749643
Garnet St	4	0.184197495
Tell St	4	0.304676692
Desoto St	4	0.361450142
Federal St	4	0.346809423
Depasquale Ave	4	0.153890107
Kenyon St	4	0.289308287
America St	4	0.088891579
Julian St	4	0.088315246
Goulding St	4	0.281596197
Sutton St	4	0.460573727
Courtland St	4	0.183302778
West St	4	0.209562145
Brighton St	4	0.245129627
Armstrong Ave	4	0.207847572
Ann St	4	0.120491353
Gifford St	4	0.222767047
Verdic Ave	4	0.312917049
Bathey St	4	0.195456866
Woodfall St	4	0.243866202
Dewey St	4	0.189136582
	4	0.122235401
Vernon St	4	0.321023908
Bathey St	4	0.231269917
Delaine St	4	0.185509562
Armstrong Ave	4	0.180089635
Courtland St	4	0.198316377

Batthey St	4	0.166059641
Aleppo St	4	0.612568582
Capron St	4	0.112468357
Vernon St	4	0.309685431
Primrose St	4	0.286284752
Traverse St	4	0.162664004
Delaine St	4	0.164506378
Vernon St	4	0.126583219
Armstrong Ave	4	0.151632894
Milo St	4	0.222190357
Delaine St	4	0.110527855
Appleton St	4	0.215348955
Armstrong Ave	4	0.25696749
Ann St	4	0.121786272
Brighton St	4	0.495749029
Armenia St	4	0.240132285
Lyman St	4	0.358646918
Batthey St	4	0.205660671
Alves Way	4	0.235718196
Batthey St	4	0.184054654
Grant St	4	0.587824687
Ida St	4	0.175441005
Paolino St	4	0.289526443
Stanfield St	4	0.147016754
S Angell St	4	0.513911804
Angell St	4	0.527300807
Angell St	4	0.337685222
Angell St	4	0.17696905
Waterman St	4	0.610951625
Waterman St	4	0.190044122
Waterman St	4	0.36247188
Angell St	4	0.199718779
Waterman St	4	0.434362249
Waterman St	4	0.041625044
Sabin St	4	0.074646895
Eliza St	4	0.616452076
Syracuse St	4	0.345351847
San Souci Dr	4	0.560555337
India St	4	0.230883285
Ida St	4	0.240894396
Horace St	4	0.409471223
Tobey St	4	0.37550068
Bainbridge Ave	4	0.612244741
Eastwood Ave	4	0.061529045
Cleveland St	4	0.460005965
Merino St	4	0.152603226
Heath St	4	0.193502192

Merino St	4	0.173164026
Webster Ave	4	0.190623813
Ophelia St	4	0.181314048
Milk St	4	0.187327599
Taylor St	4	0.186793995
Ralph St	4	0.187696725
Eliza St	4	0.510813716
Laban St	4	0.3954839
Ralph St	4	0.190395597
Palm Court	4	0.274558262
Merino St	4	0.16632575
Dedham Ave	4	0.869688879
Heath St	4	0.208407015
Ralph St	4	0.173730364
Dodge St	4	0.108269966
Junction St	4	0.080049884
W Clifford St	4	0.182253567
Portland St	4	0.172223274
Linden St	4	0.336320943
Providence St	4	0.177752873
Portland St	4	0.179328062
Judith St	4	0.426104632
W Clifford St	4	0.17955962
Bancroft St	4	0.191424253
Providence St	4	0.183185119
W Clifford St	4	0.18396235
Chester Ave	4	0.187615937
Taylor St	4	0.17502468
Sorrento St	4	0.182995286
Gordon Ave	4	0.194776647
Tanner St	4	0.361888992
Providence St	4	0.18310771
Linden St	4	0.175444945
W Clifford St	4	0.184034291
W Clifford St	4	0.042933689
Priscilla Ave	4	0.193299288
Providence St	4	0.147968266
Tanner St	4	0.25395249
Pearl St	4	0.106139334
Polly St	4	0.2196375
Gay St	4	0.185418727
Culver St	4	0.182294089
Waverly St	4	0.227215183
Kenwood St	4	0.394230864
Waverly St	4	0.203379755
Harvard Ave	4	0.572086687
Althea St	4	0.367496027

Dartmouth Ave	4	0.835312509
Wallace St	4	0.746174634
Waverly St	4	0.213229465
Ricom Way	4	1.066442208
Rhodes St	4	0.253576891
Eudora St	4	0.316949637
Taylor St	4	0.073715885
Sorrento St	4	0.232028278
Progress Ave	4	0.703332336
Wesleyan Ave	4	0.561070356
Althea St	4	0.416506834
Hanover St	4	0.641148253
Bellevue Ave	4	1.179683003
Willard Ave	4	0.45586701
Taylor St	4	0.135884462
Sorrento St	4	0.224177244
Waldo St	4	0.484378116
Chester Ave	4	0.187579724
Chester Ave	4	0.292589268
Baxter St	4	0.163876681
Burnside St	4	0.430028336
Waverly St	4	0.247923439
Milk St	4	0.254702318
Temple St	4	0.17684669
Waldo St	4	0.415112592
Taylor St	4	0.160339445
Sorrento St	4	0.170750613
Benedict St	4	0.359697966
Benedict St	4	0.379666168
Bay St	4	0.390183945
Rosario Dr	4	0.239537827
Taylor St	4	0.16039819
Anthony Ave	4	0.187044597
Cahill St	4	0.154380759
Huntington Ave	4	1.377792914
Devine St	4	0.150799332
Seymour St	4	0.146834745
Mystic St	4	0.152792379
Harriet St	4	0.300303825
Dupont Dr	4	0.143519577
Grand St	4	0.471777218
Miner St	4	0.302899445
Autumn St	4	0.221214496
Hawthorne St	4	0.269273431
Chambers St	4	0.472755308
Tennyson Ln	4	0.157817959
Harriet St	4	0.304137009

Seabury St	4	0.472986893
Depasquale Ave	4	0.186002236
Ford St	4	0.496384567
Gallatin St	4	0.187180872
Niagara St	4	0.13735575
Downing St	4	0.164553831
Gladstone St	4	0.50547898
Greenwich St	4	0.468515858
	4	0.127656881
Mystic St	4	0.150984733
Dupont Dr	4	0.274447666
White St	4	0.188887004
Tockwotton St	4	0.189987988
Fisk St	4	0.390221723
Virginia Ave	4	0.156290813
Santiago St	4	0.472929145
Niantic Ave	4	0.230063241
Calla St	4	0.463322157
Van Buren St	4	0.265283334
Redwing St	4	0.260944534
Melrose St	4	0.191196479
Verndale Ave	4	0.127417851
Longfellow Ter	4	0.493055488
Alfred Stone Rd	4	0.484574677
S Water St	4	0.353567716
Parkway Ave	4	0.317609713
Redwing St	4	0.095400333
Rutland St	4	0.255031931
Nebraska St	4	0.207624525
Emerson St	4	0.193539504
Emerson St	4	0.186107566
Hamilton St	4	0.192772867
Gallatin St	4	0.425706373
Emerson St	4	0.189512288
Ocean St	4	0.588671233
Melrose St	4	0.191195941
Sumter St	4	0.420574256
Hamilton St	4	0.185526429
Gallatin St	4	0.417602981
Emerson St	4	0.190222156
Sumter St	4	0.414053571
Hamilton St	4	0.192413787
Emerson St	4	0.18962758
Sumter St	4	0.29853851
Ruskin St	4	0.192771603
Ruskin St	4	0.186108602
Downing St	4	0.212469051

Sassafras St	4	0.496920504
Gallatin St	4	0.17990484
Kipling St	4	0.380722008
Hamilton St	4	0.18858737
Emerson St	4	0.186335071
Rodman St	4	0.411206708
Melrose St	4	0.188890446
Johnson St	4	0.913121337
Spicer St	4	0.272349328
Verndale Ave	4	0.285777707
Fisk St	4	0.435365531
Bernard St	4	0.147588548
Waterman St	4	0.084528826
Alvin St	4	0.78283063
Adelaide Ave	4	0.84801377
Baker St	4	0.657600223
Toronto Ave	4	0.246475669
Melrose St	4	0.193147627
Reservoir Ave	4	0.254291922
Algonquin St	4	0.294638056
Crescent St	4	0.195954185
Melrose St	4	0.192180937
Service Rd	4	0.521136843
Yarmouth St	4	0.37702026
Toronto Ave	4	0.656847952
Virginia Ave	4	0.155778405
Thackery St	4	0.670553747
Crescent St	4	0.264880166
Melrose St	4	0.183784084
Crescent St	4	0.149695561
Virginia Ave	4	0.159191149
Toronto Ave	4	0.676470811
Longfellow St	4	0.266677945
Woodmont St	4	0.599235467
Carolina Ave	4	0.652514921
Indiana Ave	4	0.106811465
Verndale Ave	4	0.38390166
Ardoene St	4	0.082823243
Spicer St	4	0.418424996
Bernard St	4	0.091103477
Carolina Ave	4	0.694329538
Indiana Ave	4	0.651502534
Niantic Ave	4	0.243153648
Shipyard St	4	2.307181084
Babcock St	4	0.450436894
Bernard St	4	0.154184637
Virginia Ave	4	0.118240589

F C Greene Memorial	4	0.061430441
F C Greene Memorial	4	0.056944083
Wellington Ave	4	0.030271818
Bernard St	4	0.148996754
Babcock St	4	0.392132394
Fisk St	4	0.349636519
Verndale Ave	4	0.36475486
Virginia Ave	4	0.158335568
Verndale Ave	4	0.047626307
Calla St	4	0.400099509
Babcock St	4	0.396335279
Hancock St	4	0.150174208
Virginia Ave	4	0.16076041
Carr St	4	0.888630586
Cactus St	4	0.151993153
Calla St	4	0.392112522
Hancock St	4	0.153016578
Reservoir Ave	4	0.662826639
Babcock St	4	0.40109251
Verndale Ave	4	0.422420213
Miller Ave	4	1.853766885
Virginia Ave	4	0.17276399
Homer St	4	0.902751792
Michigan Ave	4	0.073048126
Calla St	4	0.349836453
Carr St	4	0.460928803
Pontiac Ave	4	0.119677656
	4	0.236499728
Montgomery Ave	4	0.039177388
Morgan St	4	0.247067884
Cladrashs Ave	4	0.116723593
Cladrashs Ave	4	0.12514594
Rose Ave	4	0.307426799
Ainsworth St	4	0.182896536
Hyacinth St	4	0.175278998
Winchester St	4	0.186998954
Winchester St	4	0.207999919
Touro St	4	0.260215057
Williams St	4	0.379204324
Williams St	4	0.28899727
Bissell St	4	0.310223497
Holly St	4	0.111643
Alton St	4	0.25270509
Hamlin St	4	0.296083636
Dixon St	4	0.297311476
Thurston St	4	0.094326143
Rhodes St	4	0.146151605

Gay St	4	0.195534711
Service Rd	4	0.364741722
Crescent St	4	0.190896344
Railroad Ter	4	0.242848556
Park Row	4	0.082828962
Niantic Ave	4	0.353340831
Niantic Ave	4	0.029654103
Niantic Ave	4	0.153234137
Niantic Ave	4	0.638770462
Niantic Ave	4	0.047414741
Niantic Ave	4	0.333076799
Niantic Ave	4	0.424100906
Niantic Ave	4	0.131987601
Niantic Ave	4	0.164086069
Richardson St	4	0.481645346
Charlesfield St	4	0.442765082
George St	4	0.495564865
Brown St	4	0.208731859
Lenox Ave	4	0.285797896
Broad St	4	0.155021787
Veazie St	4	0.429689365
Depasquale Ave	4	0.174559723
Kenyon St	4	0.093281434
Kenyon St	4	0.140871446
Grotto Ave	4	0.173087656
Grotto Ave	4	0.118178644
Hathaway St	4	0.130701709
Benefit St	4	0.112521155
Star St	4	0.232289104
Brown St	4	0.116905966
Brown St	4	0.107302523
Slater Ave	4	0.355393723
Chad Brown St	4	0.411730771
Burrows St	4	0.189444141
Burrows St	4	0.480160748
Loring Ave	4	0.396490934
Arnold St	4	0.288941679
Arnold St	4	0.180501335
Morris Ave	4	0.025273868
Stone St	4	0.05054822
Slater Ave	4	0.106375641
Longfellow St	4	0.403962418
Rankin Ave	4	0.57025858
Wayland Ave	4	0.195508436
Corina St	4	0.039583476
Rankin Ave	4	0.766335244
Pike St	4	0.223274795

Washington St	4	0.424958587
Hathaway St	4	0.355262816
President Ave	4	0.272563024
Irving Ave	4	0.33507697
Waterman St	4	0.035892844
Trinity Pky	4	0.189842573
Pleasant Valley Pky	4	0.272301411
Holden St	4	0.183593759
Whitford Ave	4	0.422307517
Chalkstone Ave	4	0.185824822
Laurel Ave	4	0.275789837
Branch Ave	4	0.046954395
Broadway	4	0.443699806
Smithfield Ave	4	0.229708023
Smithfield Ave	4	0.123348967
Overpass	4	0.000303729
Overpass	4	0.00017675
Saratoga St	4	0.449882395
Saratoga St	4	0.41623952
Doyle Ave	4	0.750345672
Bond St	4	0.28129087
Burlington St	4	0.360751281
Bridgham St	4	0.311847761
Dunbar St	4	0.181054513
Case Ln	4	0.317987442
N Main St	4	0.280232074
Smithfield Ave	4	0.181298309
Pontiac Ave	4	0.028400486
	4	0.755605425
Niantic Ave	3	0.553582788
Langdon St	3	0.065688553
Leo Ave	3	0.35414359
Shepard Ave	3	0.133829127
Leo Ave	3	0.138107235
Raphael Ave	3	0.469808523
Amanda Way	3	0.133437964
Sedan St	3	0.133321925
Prosper St	3	0.376989952
Wilna St	3	0.147841555
Beulah St	3	0.198049635
Dorothy Ave	3	0.480989844
Macgregor St	3	0.34618612
Minnesota St	3	0.2670613
Hagan St	3	0.374922908
Swift St	3	0.181158083
Stanhope St	3	0.139564274
Iowa St	3	0.222940648

Depinedo St	3	0.268213797
Newbury St	3	0.215181322
Stanhope St	3	0.134313195
Chace Ave	3	0.639066109
Squanto St	3	0.097934279
Smithfield Ave	3	0.079982606
Chace Ave	3	0.090577474
Caxton St	3	0.187925858
Chace Ave	3	0.186075694
Bingham St	3	0.139069082
Joseph St	3	0.214433088
Wild St	3	0.136999055
Russo St	3	0.182897965
Caroline St	3	0.150131918
Nahant St	3	0.116286956
Russo St	3	0.248708157
Greeley St	3	0.071354538
Morris Ave	3	0.10820513
Clarendon Ave	3	0.283756133
Grotto Ave	3	0.136139393
Westcott Ave	3	0.474927382
Wingate Rd	3	0.291797366
Morris Ave	3	0.127429132
Lewis St	3	0.215198131
Salina St	3	0.136585936
Coggeshall St	3	0.219465813
Ray St	3	0.180717213
Morris Ave	3	0.01130241
Social St	3	0.121207246
Amory St	3	0.351972338
Ledge St	3	0.110590585
Hampton St	3	0.328778418
Ledge St	3	0.116334116
Brockton St	3	0.305112736
Veazie St	3	0.103728907
Opper St	3	0.163269409
Summit Ave	3	0.13441804
Opper St	3	0.111924694
Russo St	3	0.143786269
Stansbury St	3	0.253728402
Stone St	3	0.036983263
Russo St	3	0.050713963
Summit Ave	3	0.137644136
Lorimer Ave	3	0.128605658
Mcmillen St	3	0.290441254
Ascham St	3	0.226036885
Chatham St	3	0.315507951

Luna St	3	0.421430204
Flora St	3	0.384979688
Grafton St	3	0.115305657
Stone St	3	0.332595955
Harwich Rd	3	0.29301452
Metcalf St	3	0.343580645
Grafton St	3	0.112532963
Creston Way	3	0.091819716
Ascham St	3	0.084726143
Grafton St	3	0.113491186
Chatham St	3	0.204163831
Wingate Rd	3	0.245725613
Anchor St	3	0.111668205
Intervale Rd	3	0.144103815
Erie St	3	0.71213204
Salina St	3	0.199292359
Flora St	3	0.282469832
Chatham St	3	0.18684922
Mink Rd	3	0.404995852
Glasgow St	3	0.13526885
Glasgow St	3	0.1542559
Salina St	3	0.204307305
Glasgow St	3	0.108460868
Elmcrest Ave	3	0.381158576
Morris Ave	3	0.099554954
Balton Rd	3	0.338867922
Chatham St	3	0.201964723
Morris Ave	3	0.08030353
Braman St	3	0.209934175
Morris Ave	3	0.127257558
Gorton St	3	0.165719724
Hilltop Ave	3	0.279667734
Stadium Rd	3	0.182684144
Eames St	3	0.340454648
Morris Ave	3	0.092967132
Moorland Ave	3	0.14759534
Pekin St	3	0.142532496
Wyndham Ave	3	0.273005924
Bolton Ave	3	0.074726799
Minto St	3	0.246767389
Morris Ave	3	0.032219643
Sheffield Ave	3	0.031162918
Basswood Ave	3	0.113218687
Tappan St	3	0.399546304
Morris Ave	3	0.101882224
Mayflower St	3	0.216609281
Morris Ave	3	0.023292152

Longmont St	3	0.134582827
Salina St	3	0.349274136
Woodbury St	3	0.527525808
Veto St	3	0.183163958
Fosdyke St	3	0.341083033
Longmont St	3	0.088607585
Veto St	3	0.197853203
Alicant St	3	0.192645519
Newcomb St	3	0.195857351
Salina St	3	0.134123655
Dante St	3	0.050107885
Alicant St	3	0.132961507
Savoy St	3	0.136654538
Fisher St	3	0.203862265
Ruthven St	3	0.141797101
June St	3	0.095607778
Savoy St	3	0.288812435
Aldrich Ter	3	0.107126971
	3	0.023676404
Suffolk St	3	0.195526259
Morris Ave	3	0.117741579
Berkshire St	3	0.361797878
Donelson St	3	0.244254359
June St	3	0.134242471
June St	3	0.134244747
Forest St	3	0.198336626
Grotto Ave	3	0.107746382
Suffolk St	3	0.244505403
Lois Ave	3	0.111383311
Hilary Dr	3	0.668085545
Vincent St	3	0.137019677
Wabun Ave	3	0.134940958
Wabun Ave	3	0.133629193
Freeman Pky	3	0.136340721
Margrave Ave	3	0.205971805
Randall St	3	0.07735079
Wyndham Ave	3	0.216139667
Glossop St	3	0.144783705
Webb St	3	0.237061542
Common St	3	0.108546211
Washburn St	3	0.303264867
E Orchard Ave	3	0.208114278
June St	3	0.123035242
Pumgansett St	3	0.243366687
June St	3	0.015154109
Jastram St	3	0.332647706
March St	3	0.132875062

Berkshire St	3	0.166588859
Larch St	3	0.140807213
March St	3	0.138781447
Liege St	3	0.327887009
Livingston St	3	0.163818002
Morris Ave	3	0.104274532
Larch St	3	0.116741632
Livingston St	3	0.090241167
Loxley Rd	3	0.233758008
Trinity Pky	3	0.261619838
Trinity Pky	3	0.023421636
Sessions St	3	0.14224123
April Ct	3	0.46663405
Sessions St	3	0.138673117
Taft Ave	3	0.649820111
Printery St	3	0.122347099
Mission Pl	3	0.174647046
Sessions St	3	0.150709178
Morris Ave	3	0.129301384
Belair Ave	3	0.202789284
Cypress St	3	0.139151134
March St	3	0.125603702
Morris Ave	3	0.069744186
Nelson St	3	0.364502942
Suffolk St	3	0.27478948
Wabun Ave	3	0.14078911
Belair Ave	3	0.236517923
Phillips St	3	0.152383436
Stadium Rd	3	0.1316905
Emeline St	3	0.290717736
Taber Ave	3	0.314704482
Taber Ave	3	0.042878457
Emeline St	3	0.08583121
Emeline St	3	0.438240292
Morris Ave	3	0.05581381
Alton Rd	3	0.151913492
Whitford Ave	3	0.141264905
Taber Ave	3	0.123352622
Elmcroft Ave	3	0.584546048
Nelson St	3	0.305158354
Whitford Ave	3	0.140650367
Jastram St	3	0.314153713
Doyle Ave	3	0.296337792
Doyle Ave	3	0.222325489
Lawn St	3	0.270870296
Whitford Ave	3	0.224451501
Oriental St	3	0.299958749

Oregon St	3	0.126862513
Oregon St	3	0.045108633
Doyle Ave	3	0.191418349
Slater Ave	3	0.141001223
Glossop St	3	0.197049852
Metropolitan Rd	3	0.120543888
Moorland Ave	3	0.144187154
Ardwick St	3	0.100519337
Lakewood St	3	0.192535266
Branch Ave	3	0.057802851
Branch Ave	3	0.138597691
Branch Ave	3	0.097127381
Mt Pleasant Ave	3	0.069985518
Rochambeau Ave	3	0.456612432
Branch Ave	3	0.110680436
N Main St	3	0.062516174
Laurel Ave	3	0.202637599
Laurel Ave	3	0.273875992
N Main St	3	0.226646337
Waterman St	3	0.264077963
Home Ave	3	0.28856128
Moorland Ave	3	0.140111511
Sharon St	3	0.368790203
Metropolitan Rd	3	0.126870194
Minto St	3	0.303536885
Ardwick St	3	0.098581681
Moorland Ave	3	0.144445193
Metropolitan Rd	3	0.123627538
Freeman Pky	3	0.163896477
Farm St	3	0.126324959
Wyndham Ave	3	0.17048627
Edendale Ave	3	0.374166535
Farm St	3	0.125910571
Bel Air Dr	3	0.213882751
Farm St	3	0.124540985
Home Ave	3	0.171188337
Barberry Hill Rd	3	0.342236372
Arlington Ave	3	0.147225362
Bel Air Dr	3	0.122655174
Wayland Ave	3	0.107180064
Klondike St	3	0.233725753
Channing Ave	3	0.36684092
Bolton Ave	3	0.130044112
Lawn St	3	0.219134285
Home Ave	3	0.122785885
Bolton Ave	3	0.051807701
Wayland Ave	3	0.132118319

Glover St	3	0.12370841
Osborn St	3	0.62331454
Bolton Ave	3	0.128080771
Glover St	3	0.123029024
President Ave	3	0.124783339
Glover St	3	0.020095367
Lawn St	3	0.11798525
Wayne St	3	0.295605612
Nolan St	3	0.104347468
Bernon St	3	0.556422354
N Main St	3	0.071521874
Jastram St	3	0.430487893
Glover St	3	0.106079053
Pleasant Valley Pky	3	0.493378044
N Davis St	3	0.400947644
Kimball St	3	0.133368118
Burrs Ln	3	0.12998629
Wayland Ave	3	0.225253425
Home Ave	3	0.322601786
Gage St	3	0.216014884
Clematis St	3	0.269009205
Lawn St	3	0.219403289
Van Ausdall St	3	0.153353706
Herbert St	3	0.153594153
E River St	3	0.076159352
Harvest St	3	0.241962743
Regent Ave	3	0.068780012
Robin St	3	0.135579944
Adelphi Ave	3	0.249328591
Angell St	3	0.349695803
Manomet St	3	0.235093591
University Ave	3	0.248561658
Jefferson St	3	0.223469215
Lawn St	3	0.309551329
Stimson Ave	3	0.354566819
Canton St	3	0.237735768
Park Row W	3	0.200035919
Exchange St	3	0.064377407
Octavia St	3	0.179646391
Stockwell St	3	0.050765991
E George St	3	0.308773535
Berkley St	3	0.127380077
Robin St	3	0.136383329
Prescott St	3	0.240463421
Clematis St	3	0.341164442
Home Ave	3	0.365312874
Lisbon St	3	0.228636917

Elton St	3	0.253404255
Berkley St	3	0.132414092
Oriole Ave	3	0.365448569
Orchard Pl	3	0.189944224
Berkley St	3	0.11409479
Fern St	3	0.239708233
Parkside Rd	3	0.145456508
Oriole Ave	3	0.268642429
W Park St	3	0.588446238
Lisbon St	3	0.27797149
Angell St	3	0.368601423
Paterson St	3	0.143753676
Oakwood Ave	3	0.101123899
Regent Ave	3	0.10189658
Roanoke St	3	0.320080087
Leah St	3	0.302539308
Berkley St	3	0.217049203
Berlin St	3	0.340875355
Wolcott St	3	0.140527952
Regent Ave	3	0.237382181
Allston St	3	0.080017145
Robin St	3	0.138486203
Wolcott St	3	0.13398642
Allston St	3	0.239506122
Prescott St	3	0.090785972
Robin St	3	0.136350123
Angell Ct	3	0.113568734
Bergen St	3	0.23726277
Atkins St	3	0.093676236
Baltimore St	3	0.292924389
Amity St	3	0.233480264
Wolcott St	3	0.249580397
Pomona Ave	3	0.277002029
Fones Aly	3	0.185826515
Defoe Pl	3	0.251130497
Sears Ave	3	0.064080192
Rangeley Ave	3	0.248122342
Kinsley Ave	3	0.098694546
Medway St	3	0.222281633
Chaucer St	3	0.247477536
Prescott St	3	0.119212427
Daisy St	3	0.126643399
Wayland Ave	3	0.137034858
Aurora St	3	0.139648043
Bluff St	3	0.152407385
Aurora St	3	0.140426995
Hendrick St	3	0.281206903

Pitman St	3	0.146562044
Memorial Blvd	3	0.207529158
Tingley St	3	0.416581066
Kepler St	3	0.241100018
Raritan Ave	3	0.151991536
Charlotte Hope St	3	0.14310535
Handy St	3	0.252133167
Peck St	3	0.162780923
Sears Ave	3	0.145768591
Cambridge St	3	0.097144158
Rockland Ave	3	0.14976598
Cambridge St	3	0.121951639
Cambridge St	3	0.166959719
Mongenaïs St	3	0.214932337
Henry St	3	0.243067467
W Exchange St	3	0.094844676
Vinton St	3	0.150583089
Mountain St	3	0.108420361
Middle St	3	0.018476823
Orange St	3	0.082549486
Killingly St	3	0.125350998
Theresa Ct	3	0.102128054
Amsterdam St	3	0.119590181
Worcester St	3	0.122183222
Barstow St	3	0.171797383
Sacramento St	3	0.150241126
Ames St	3	0.14640269
Dearborn St	3	0.210856506
King St	3	0.138744215
Worcester St	3	0.082365369
Newton St	3	0.067507451
Middle St	3	0.119071327
Grimwood St	3	0.125146471
Weeden St	3	0.215661884
Vinton St	3	0.1760412
Killingly St	3	0.046953553
Ring St	3	0.346735717
Cutler St	3	0.128146196
Pequot St	3	0.111589212
Enterprise Row	3	0.10235678
Marcello St	3	0.151115449
Panay St	3	0.105462278
Killingly St	3	0.082581587
Pope St	3	0.170854783
Anderson St	3	0.107509745
Pequot St	3	0.217233407
Hyat St	3	0.184334331

Killingly St	3	0.132665526
Vinton St	3	0.123892376
Moulton Ln	3	0.179092174
Gennaro Pl	3	0.159046413
Vinton St	3	0.108952997
Ringgold St	3	0.191059802
Killingly St	3	0.082826223
Grove St	3	0.239856945
Ring St	3	0.273972089
Grove St	3	0.099622324
Grove St	3	0.139043103
Wallace St	3	0.299468094
Etna St	3	0.179274258
Laban St	3	0.228865721
Grove St	3	0.277157582
Belknap St	3	0.069805094
Capron St	3	0.221742621
Andrews St	3	0.150247669
Delaine St	3	0.059685498
Foster St	3	0.243787662
Grove St	3	0.342629023
Penelope Pl	3	0.111335387
Seton St	3	0.169958615
Tobey St	3	0.19418508
Thornton St	3	0.059695102
S Angell St	3	0.140046066
Angell St	3	0.159120006
Lloyd Ave	3	0.424588832
Lloyd Ave	3	0.312566433
S Angell St	3	0.325570376
Waterman St	3	0.218594185
Eddy St	3	0.147041315
Nye St	3	0.14701587
Burgess St	3	0.324601732
Nye St	3	0.144655596
Nye St	3	0.14217198
Nye St	3	0.112657999
Thornton St	3	0.110706851
A St	3	0.059683132
Queen St	3	0.085176516
Friendship St	3	0.28735794
Stokes St	3	0.194333356
Bough St	3	0.191213748
Dike St	3	0.135481794
Willow St	3	0.02410518
Waldo St	3	0.418052035
Wadsworth St	3	0.131027565

Groton St	3	0.307906129
Willow St	3	0.138227711
Willow St	3	0.054015206
A St	3	0.148089277
Dodge St	3	0.109625192
Willow St	3	0.188921587
A St	3	0.048806912
Booth Ave	3	0.118813803
Gibbon Ct	3	0.045158616
Huldah St	3	0.103541772
Booth Ave	3	0.12106497
Dodge St	3	0.206442922
Laurel Hill Ave	3	0.141699836
Dodge St	3	0.120540191
Providence St	3	0.194927677
Junction St	3	0.146257882
Hilton St	3	0.076784615
Wallace St	3	0.190159402
Wallace St	3	0.14445836
Atwood St	3	0.144117748
Baldwin Ct	3	0.056033593
Comstock Ave	3	0.476033997
Atwood St	3	0.139445261
Wallace St	3	0.299208451
Taylor St	3	0.084518294
Staniford St	3	0.181705643
Taylor St	3	0.093227875
Robinson St	3	0.29988959
Atwood St	3	0.283177304
Staniford St	3	0.236572472
Salem St	3	0.125058687
Althea St	3	0.961535014
Hillwood St	3	0.261062251
Temple St	3	0.176626177
Linwood Ave	3	1.008811632
Wadsworth St	3	0.104484297
Buffalo Ct	3	0.246817648
Benedict St	3	0.164895576
Waldo St	3	0.364473764
Brattle St	3	0.143091553
Wadsworth St	3	0.205932197
Benedict St	3	0.110742173
Sayles St	3	0.203133927
Swan St	3	0.176794478
Avon St	3	0.11442105
Waldo St	3	0.267334705
Brattle St	3	0.11669309

Benedict St	3	0.201844941
Salem St	3	0.15295821
Wadsworth St	3	0.363207162
Brattle St	3	0.116400928
Salem St	3	0.12605954
Benedict St	3	0.363296109
Seymour St	3	0.223823075
Halton St	3	0.3480594
Magnam Rd	3	0.402322645
Croyland Rd	3	0.228132652
Hawthorne St	3	0.137285709
Willow St	3	0.051690519
French St	3	0.206009422
Croyland Rd	3	0.31729438
Burnett St	3	0.229688227
Greenwich St	3	0.244845092
Dupont Dr	3	0.115248786
Cactus St	3	0.086151519
Ohio Ave	3	0.489023134
Morton St	3	0.228239039
Indiana Ave	3	0.532029197
Alexander St	3	0.102702636
Burnside St	3	0.346897066
Burnside St	3	0.110496122
Mashapaug St	3	0.227048788
Burnside St	3	0.171279625
Gallatin St	3	0.312717661
Hamilton St	3	0.143686806
Molter St	3	0.228477046
Common St	3	0.200215406
Niagara St	3	0.143686114
Dupont Dr	3	1.225523402
Dupont Dr	3	0.360930613
Ocean St	3	0.151620589
Melrose St	3	0.141937019
Gallatin St	3	0.312715708
Gallatin St	3	0.224853662
Melrose St	3	0.141411503
Park Ln	3	0.506989713
Belden St	3	0.134927532
F C Greene Memorial	3	0.087346134
Linden Ave	3	0.167829243
Westmore St	3	0.372451395
Georgia Ave	3	0.183342248
Lakeview Dr	3	0.115604323
Swanton St	3	0.214546823
Chapman St	3	0.501613678

Carolina Ave	3	0.178560041
Lakeview Dr	3	0.136619248
Humes St	3	0.376406289
Georgia Ave	3	0.490718768
Tobyhanna St	3	0.281100561
Lakeview Dr	3	0.147545365
Russell St	3	0.168164203
Togansett Rd	3	0.3674321
Georgia Ave	3	0.513666275
Lakeview Dr	3	0.126458614
Melrose St	3	0.338998376
Calla St	3	0.280096019
Hempstead St	3	0.138510651
Montgomery Ave	3	0.043438266
Montgomery Ave	3	0.309841172
Montgomery Ave	3	0.137149217
Montgomery Ave	3	0.216338417
Alexander St	3	0.050562155
F C Greene Memorial	3	0.043604216
Cactus St	3	0.113156571
California Ave	3	0.489591406
Ohio Ave	3	0.537769334
Pontiac St	3	0.140890268
Cactus St	3	0.11591844
California Ave	3	0.543124844
Pontiac Ave	3	0.02317854
Stadden St	3	0.564523486
Rounds Ave	3	0.137248305
Rounds Ave	3	0.313331063
Rounds Ave	3	0.146601885
Cactus St	3	0.114570544
F C Greene Memorial	3	0.079401514
Linden Ave	3	0.362351066
Spooner St	3	0.229188017
Spooner St	3	0.169890713
King St	3	0.318791905
Burton St	3	0.167494792
Shaw St	3	0.163734921
Prospect St	3	0.140830393
Benefit St	3	0.23029418
Netop Dr	3	0.184945176
Hidden St	3	0.166570921
Everson St	3	0.13220528
Paul St	3	0.063453844
Lakeside St	3	0.427688261
Aldine St	3	0.404716144
Sawyer St	3	0.230344036

Pilgrim St	3	0.373210181
Perkins St	3	0.335292219
Rice St	3	0.330055633
Lester St	3	0.236237928
Cornwall St	3	0.137947223
Salina St	3	0.13877938
Pavilion Ave	3	0.124277285
Lakeview Dr	3	0.133999789
Access Rd	3	0.372324421
Niantic Ave	3	0.144194571
Niantic Ave	3	0.011120434
Niantic Ave	3	0.290765284
Halsey St	3	0.228353023
Rowley St	3	0.422007406
Brown St	3	0.177072649
Bowen St	3	0.415879938
Meeting St	3	0.407024614
Charlesfield St	3	0.392461428
Lenox Ave	3	0.312906384
Lenox Ave	3	0.311013755
Lenox Ave	3	0.313200629
Lenox Ave	3	0.22405924
Lenox Ave	3	0.138195373
Lenox Ave	3	0.13989645
Broad St	3	0.080788607
N Main St	3	0.095424499
N Main St	3	0.107364845
North Ct	3	0.140067778
Dove St	3	0.117151195
Dove St	3	0.142787841
Sunbury St	3	0.141978175
Europe St	3	0.212587046
Lyon Ct	3	0.054060813
Willow St	3	0.078121805
Frankfort St	3	0.161375643
Parkman St	3	0.058458981
Fones Aly	3	0.258016895
Fones Aly	3	0.3177714
W Park St	3	0.31428313
Newcomb St	3	0.122145907
Burrows St	3	0.090770522
Woodward Rd	3	0.514738211
Pumgansett St	3	0.287405055
Whitford Ave	3	0.126405845
Whitford Ave	3	0.128780614
Whitford Ave	3	0.134667206
Home Ave	3	0.070303847

Pratt St	3	0.272086564
Pratt St	3	0.047408216
Morris Ave	3	0.149317547
Goldsmith St	3	0.138286848
Milano St	3	0.115229154
India St	3	0.246031721
Pratt St	3	0.472966375
Wheaton St	3	0.267272381
Pitman St	3	0.293270752
Alves Way	3	0.107349719
Winslow St	3	0.164871452
Paul St	3	0.114261431
Rounds Ave	3	0.654394158
Sawyer St	3	0.23143133
Longfellow St	3	0.153574045
Mount Ave	3	0.207438834
Clarendon Ave	3	0.207947537
Lincoln Ave	3	0.206153695
Freeman Pky	3	0.204983064
Sharon St	3	0.174662317
Chalkstone Ave	3	0.263837129
Branch Ave	3	0.071256283
Saratoga St	3	0.129284135
Prescott St	3	0.08976379
Cumberland St	3	0.265477469
Joslin St	3	0.209786278
Dunbar St	3	0.055775406
Pitman St	3	0.083483304
	3	0.024596217
	3	0.023540764
	3	0.431867128
	3	0.50413005
Langdon St	2	0.016846175
Raphael Ave	2	0.219958515
Santomarco Dr	2	0.10317519
Colfax St	2	0.000787152
Spokane St	2	0.22223891
Veazie St	2	0.14320542
Parente St	2	0.068048397
Enterprise St	2	0.091484711
Hillside Ave	2	0.183171098
Newport St	2	0.112986663
Chace Dr	2	0.093364097
Chace Ave	2	0.113402132
Greaton Dr	2	0.228301989
	2	0.012538506
Chace Ave	2	0.128562919

Highland Ave	2	0.015481663
12Th St	2	0.392212169
Top St	2	0.079605905
Top St	2	0.067997424
11Th St	2	0.227157268
11Th St	2	0.357169449
Top St	2	0.095318865
Atlas St	2	0.132839936
Henrietta St	2	0.087908129
10Th St	2	0.321245104
10Th St	2	0.059190132
Dosco Dr	2	0.090411326
Como St	2	0.069078249
Social St	2	0.076780692
Yorkshire St	2	0.063407415
Cato St	2	0.06493519
Social St	2	0.075335943
Vassar Ave	2	0.351835081
Peter St	2	0.26779439
Quarry St	2	0.082852821
Moy St	2	0.10314407
9Th St	2	0.378979968
Ledge St	2	0.07615021
Vicksburg St	2	0.098129897
Collyer St	2	0.252818906
Gridley St	2	0.188480443
Ledge St	2	0.07526605
Highland Ave	2	0.090253358
7Th St	2	0.212289157
Summit Ave	2	0.092360106
8Th St	2	0.013459345
Greeley St	2	0.078401575
Greeley St	2	0.19240174
Sarah St	2	0.118789491
Hartshorn Rd	2	0.310187099
Monticello St	2	0.244990995
Brewster St	2	0.092732747
Highland Ave	2	0.090613616
Brewster St	2	0.092250943
Highland Ave	2	0.090424923
Brewster St	2	0.093544848
2Nd St	2	0.212110767
3Rd St	2	0.210263693
Brewster St	2	0.091514453
Ashton St	2	0.150434538
Highland Ave	2	0.093332321
Flora St	2	0.13712103

Lauriston St	2	0.102180515
Brewster St	2	0.059128388
Metcalf St	2	0.138504633
Ashton St	2	0.078244577
Flora St	2	0.127938657
Corliss Park	2	0.501940559
Rome Ave	2	0.406195156
Metcalf St	2	0.13658862
Rome Ave	2	0.096890005
Stillwater Ave	2	0.139141373
Metcalf St	2	0.071925996
Peckham Ave	2	0.074582533
Linden Dr	2	0.11892578
Camp St	2	0.008825099
Fiore St	2	0.063072429
Savoy St	2	0.139603586
Sargent Ave	2	0.358693784
Montague St	2	0.075823782
Fosdyke St	2	0.352750385
Balmoral Ave	2	0.150277642
Faunce Dr	2	0.093396821
Brookway Rd	2	0.074086498
Faunce Dr	2	0.196798886
Barbour Dr	2	0.087377162
Maxcy Dr	2	0.122130353
Faunce Dr	2	0.042959637
Forest St	2	0.090962119
Whiting St	2	0.135366554
Barbour Dr	2	0.11848322
Forest St	2	0.114882978
Wriston Dr	2	0.105674908
Clarkson St	2	0.205390078
Lois Ave	2	0.015766199
Venice St	2	0.196425725
Harian Rd	2	0.121537462
Alton Rd	2	0.06954341
Montague St	2	0.094539538
Montague St	2	0.100870409
Lindy Ave	2	0.282555898
Cole Farm Ct	2	0.119368183
Ivy St	2	0.132850422
Slater Ave	2	0.091934691
Astral Ave	2	0.121128424
Cypress St	2	0.068966724
Trinity Pky	2	0.088488841
Cypress St	2	0.137762012
Slater Ave	2	0.096472258

Quincy St	2	0.184131054
Fairoaks Ave	2	0.094534264
Cypress St	2	0.088528881
Fairoaks Ave	2	0.093171095
Mt Hope Ave	2	0.169066891
Mt Hope Ave	2	0.216661897
Wayland Ave	2	0.208879527
Alton Rd	2	0.101640194
Emeline St	2	0.100851789
Elmway St	2	0.210337568
Hopedale Rd	2	0.098149617
Emeline St	2	0.074879302
Camp St	2	0.01285607
Phillips St	2	0.099314609
Wyndham Ave	2	0.145414162
Pettis St	2	0.100942649
Observatory Ave	2	0.206327362
Elmhurst Ave	2	0.177224412
Oakdale St	2	0.094449697
Wayland Ave	2	0.135078421
St Thomas St	2	0.109276808
Doyle Ave	2	0.270923858
Doyle Ave	2	0.151210567
Doyle Ave	2	0.248543186
Wayland Ave	2	0.103029952
Freeman Pky	2	0.104769367
Laurel Ave	2	0.210405549
Chalkstone Ave	2	0.195224573
Kimball St	2	0.226368478
Morris Ave	2	0.117062576
Geoffreys Ct	2	0.077025818
Wayland Ave	2	0.091530981
Arbor Dr	2	0.530355086
Inkerman St	2	0.170969934
Carrington Ave	2	0.103960571
Alma St	2	0.170235883
Boylston Ave	2	0.273898243
Klondike St	2	0.06895569
Brenton Ave	2	0.285081177
President Ave	2	0.082704886
Kimball St	2	0.171828971
Nolan St	2	0.087944733
Bernon St	2	0.131633977
Glover St	2	0.10354668
Lydia St	2	0.423018981
Kimball St	2	0.25481959
Glover St	2	0.097834923

Herbert St	2	0.171435574
Vandiemman Ave	2	0.082302576
Hobart Ave	2	0.152601087
Devereux Ave	2	0.06349868
Bergen St	2	0.071413323
W Park St	2	0.049804873
Ivone Ct	2	0.058290341
Marconi St	2	0.092271243
E Orchard Ave	2	0.100250245
Parkside Rd	2	0.093519646
E Orchard Ave	2	0.129788573
Paterson St	2	0.092338274
Wayland Ave	2	0.125464507
Canton St	2	0.097178094
Canton St	2	0.142793886
Brownell St	2	0.079843121
Lynch St	2	0.315470702
Edith St	2	0.118441666
Villa Ave	2	0.127278011
Diman Pl	2	0.045228217
Edith St	2	0.150852062
Moses Brown St	2	0.138531899
Leland St	2	0.184453513
Stimson Ave	2	0.242587989
Leander St	2	0.200518031
Diman Pl	2	0.151272438
Carl St	2	0.097495124
Aurora St	2	0.088633024
Partridge St	2	0.056415845
Throop Aly	2	0.102980643
Canal Walk	2	0.080221054
Hannah St	2	0.096563386
Buell Ct	2	0.069948656
Saxe St	2	0.098632905
Piedmont St	2	0.059755298
Barker St	2	0.144530681
Ring St	2	0.136905675
Snow St	2	0.115463222
Piedmont St	2	0.080317942
Newton St	2	0.143999753
Penn St	2	0.179660247
Ophelia St	2	0.063206601
Lafayette St	2	0.096900087
Hillard St	2	0.187842264
Benton St	2	0.064806224
West St	2	0.075240551
Benton St	2	0.046484414

Greco Ln	2	0.120507881
Furnace St	2	0.104872056
Sonoma Ct	2	0.126603084
Whelan Rd	2	0.2686188
Audrey St	2	0.189929488
Bailey Ct	2	0.089903532
School St	2	0.15532859
South St	2	0.212981962
Power St	2	0.061472063
Bodell Ave	2	0.050984539
Bodell Ave	2	0.308192911
Gilbert St	2	0.090727609
Hilton St	2	0.093939228
Cleveland St	2	0.07760655
Gilbert St	2	0.053159749
Buchard St	2	0.061294017
St James St	2	0.095456938
Sterling Ave	2	0.193755118
Dora St	2	0.093905651
Comstock Ave	2	0.211202707
Dora St	2	0.094867456
Dora St	2	0.202053325
Dora St	2	0.19764132
Bucklin St	2	0.075859569
Bogman St	2	0.092395817
Bogman St	2	0.092995268
Bucklin St	2	0.083227208
Libia St	2	0.088134073
Searle St	2	0.137714672
Bucklin St	2	0.084261493
Mystic St	2	0.03034789
Bucklin St	2	0.078458694
America St	2	0.09955959
Reservoir Ave	2	0.211651729
Louisa St	2	0.136859625
Bucklin St	2	0.083779288
Farragut Ave	2	0.423173871
Printery St	2	0.132830521
Schofield St	2	0.166296558
Marion Ave	2	0.399454217
F C Greene Memorial	2	0.390849202
F C Greene Memorial	2	0.169947794
Plum St	2	0.142784681
Quince St	2	0.123819576
F C Greene Memorial	2	1.157040156
Price St	2	0.091351221
Reservoir Ave	2	0.256226997

Tripoli St	2	0.04234673
Alto St	2	0.045726537
Sibley St	2	0.175969239
Sibley St	2	0.032747516
Humes St	2	0.066394702
Natural History Way	2	0.552138708
Montgomery Ave	2	0.054386567
Cyr St	2	0.290048528
F C Greene Memorial	2	0.021799985
Roger Williams Ct	2	0.082402108
Reservoir Ave	2	0.19925097
Hawthorne Rd	2	0.055317399
Reservoir Ave	2	0.125717242
Pontiac Ave	2	0.090981312
Payton St	2	0.458170168
Cactus St	2	0.074968145
Payton St	2	0.020217017
Pontiac Ave	2	0.050049345
F C Greene Memorial	2	0.050967848
Alger Ave	2	0.02777464
Cyr St	2	0.026853637
F C Greene Memorial	2	0.114588698
Alger Ave	2	0.109778913
Wilna St	2	0.160701316
Cladrashs Ave	2	0.148707458
Carlisle St	2	0.178102902
Cladrashs Ave	2	0.2534887
Maple St	2	0.060054029
Cladrashs Ave	2	0.421810759
Alger Ave	2	0.132280048
Cladrashs Ave	2	0.406905407
Depew St	2	0.187024153
Alger Ave	2	0.134092302
Alger Ave	2	0.040798233
Whitney St	2	0.186128131
Maple St	2	0.447350009
Ivy St	2	0.108786341
Linda Ct	2	0.115547659
Parente St	2	0.039051581
Parente St	2	0.053124986
Pine Hill Ave	2	0.580694849
Maple St	2	0.06563857
Exit 1	2	0.050533572
F C Greene Memorial	2	0.167127524
Dixon St	2	0.077647214
Forestry Cir	2	0.076419939
Parkside Dr	2	0.206962386

Niantic Ave	2	0.045836335
Attila St	2	0.067035568
Maria Ave	2	0.08883089
Maria Ave	2	0.029171986
Rowley St	2	0.092666137
Victor St	2	0.253331331
Easton St	2	0.064647522
Judith St	2	0.118215266
Penrose Ave	2	0.073090718
Regent Ave	2	0.083468854
Wendell St	2	0.045724626
Hathaway St	2	0.050552174
F C Greene Memorial	2	0.0236638
Wyndham Ave	2	0.134722966
Milano St	2	0.065822279
Rosebank Dr	2	0.295340008
Cushing St	2	0.041010513
Baltimore St	2	0.069486301
Baltimore St	2	0.045570992
Barone Ct	2	0.037925746
Bissell St	2	0.1021199
Spooner St	2	0.128847002
Thurston St	2	0.129645527
Dixon St	2	0.223093057
Hamlin St	2	0.183970398
Upton Ave	2	0.135900304
Magellan St	2	0.134130647
Mowry St	2	0.14715447
Devine St	2	0.071724107
Sayles St	2	0.062381345
Industrial Dr	2	0.395188102
Killingly St	2	0.062654938
Delhi St	2	0.091970106
Delhi St	2	0.000706871
Amboy St	2	0.044702751
Ocean St	2	0.29753595
Selkirk St	2	0.073993639
F C Greene Memorial	2	0.02812571
F C Greene Memorial	2	0.051794192
Matilda St	2	0.012061425
Edgeworth Ave	1	0.085956034
Marisa Ln	1	0.03661025
Dakota St	1	0.102954539
Newbury St	1	0.013864589
Chace Ave	1	0.013254623
Highland Ave	1	0.04466109
Manila St	1	0.026265698

Moy St	1	0.04504798
Highland Ave	1	0.044885495
Wild St	1	0.0346059
Hart St	1	0.048225513
Camp St	1	0.067222792
Cypress St	1	0.102070496
Jenkins St	1	0.03973578
Western St	1	0.062362121
Steele St	1	0.034632198
Lancaster St	1	0.084139586
Addeo St	1	0.050947316
Camp St	1	0.007375961
Ivy St	1	0.030603712
Highland Ave	1	0.046249176
Bonanza Way	1	0.104510543
Olmstead Way	1	0.131572881
Highland Ave	1	0.045927826
7Th St	1	0.104239577
Monticello St	1	0.047490815
Highland Ave	1	0.045286126
Russo St	1	0.048153703
5Th St	1	0.10392406
3Rd St	1	0.110033395
Ashton St	1	0.036070431
Creston Way	1	0.079161982
Memorial Rd	1	0.047310361
Beloit St	1	0.035401716
Camp St	1	0.042953698
Camp St	1	0.04371041
Camp St	1	0.041867738
Camp St	1	0.046614318
Ivy St	1	0.02176356
Grandview St	1	0.045690161
Ivy St	1	0.037979179
Ivy St	1	0.008117187
Evergreen St	1	0.126868599
Firglade Ave	1	0.066717859
Graham St	1	0.041151114
Jenkins St	1	0.050350457
Rose Ct	1	0.077174068
Camp St	1	0.091982087
Camp St	1	0.032965048
Lancaster St	1	0.137554985
Langham Rd	1	0.099848679
Ivy St	1	0.046578621
Steele St	1	0.032837549
Camp St	1	0.036494351

Woodbine St	1	0.123780589
Ivy St	1	0.031764183
Lancaster St	1	0.116538659
Camp St	1	0.008590228
Ivy St	1	0.015638037
Camp St	1	0.040021618
York St	1	0.100900089
Hart St	1	0.055600943
Camp St	1	0.02553689
Joy St	1	0.079499514
Donelson St	1	0.037082442
Grandview St	1	0.050556284
Elgin St	1	0.047954529
Camp St	1	0.031639078
Grandview St	1	0.116252088
Grandview St	1	0.049626791
Ivy St	1	0.058428441
Elgin St	1	0.056802779
Donelson St	1	0.068045607
Knowles St	1	0.035226499
Royal St	1	0.117123088
Forest St	1	0.122821229
Firglade Ave	1	0.066612798
Camp St	1	0.066924395
Abbott St	1	0.047210538
Peach Ave	1	0.094053515
Abbott St	1	0.031745277
Tecumseh St	1	0.095836068
Wriston Dr	1	0.035833443
Abbott St	1	0.040080235
Knowles St	1	0.037634705
Abbott St	1	0.136224935
Ivy St	1	0.065532331
Larch St	1	0.113236434
Larch St	1	0.03504361
Morrison St	1	0.059850039
Astral Ave	1	0.016103025
Knowles St	1	0.043767067
Jenkins St	1	0.038982426
Padelford St	1	0.023381096
Roslyn Ave	1	0.088597771
Howell St	1	0.060983366
Matthew St	1	0.067016655
Woonasquatucket Ave	1	0.025582129
Poplar St	1	0.078833414
Larch St	1	0.069433181
Cypress St	1	0.112117944

Knowles St	1	0.048982946
Catalpa Rd	1	0.067185683
Camp St	1	0.056986178
Duncan Ave	1	0.173110606
Camp St	1	0.008748228
Knowles St	1	0.021602691
Locust St	1	0.054400857
Padelford St	1	0.012430079
Camp St	1	0.03474741
Locust St	1	0.04625417
Wyndham Ave	1	0.084930403
Jenkins St	1	0.059171812
Knowles St	1	0.039038053
Elmhurst Ave	1	0.083789157
Jenkins St	1	0.036644116
Winsted St	1	0.036873785
Slater Ave	1	0.047433184
Camp St	1	0.069923367
Pleasant St	1	0.105577447
Pleasant St	1	0.025041296
Knowles St	1	0.066232492
Pleasant St	1	0.023871686
Pleasant St	1	0.014720268
Pleasant St	1	0.022665138
Pleasant St	1	0.017134774
Padelford St	1	0.066810532
Slater Ave	1	0.04669603
Pleasant St	1	0.054208994
Pleasant St	1	0.038130252
Pleasant St	1	0.063985864
Roslyn Ave	1	0.105298698
Camp St	1	0.063543384
Slater Ave	1	0.048537616
Whitford Ave	1	0.048432761
Douglas Ave	1	0.050071913
Branch Ave	1	0.005070782
N Main St	1	0.019543409
Chalkstone Ave	1	0.023632089
Chalkstone Ave	1	0.020871492
N Main St	1	0.072517294
Lippitt St	1	0.068037083
Howell St	1	0.107431491
Metropolitan Rd	1	0.044906304
Freese St	1	0.125721058
Metropolitan Rd	1	0.0481538
Carrington Ave	1	0.113427384
Howell St	1	0.057135176

Carrington Ave	1	0.056137397
Ambrose St	1	0.037129718
Farm St	1	0.045481015
Farm St	1	0.047266755
Freese St	1	0.069282389
Bolton Ave	1	0.052545832
Bolton Ave	1	0.049044703
Alumni Ave	1	0.091441332
Parkside Rd	1	0.024756146
Hooper Pl	1	0.027869766
Holyoke St	1	0.033712662
Olive St	1	0.097993278
Yorktown Pl	1	0.033143814
Manton Ct	1	0.049469879
Okie St	1	0.051549449
Lloyd Ln	1	0.066445174
Howland St	1	0.06934561
	1	0.046106369
Bowen St	1	0.030461521
Harvest St	1	0.087979492
Rockingham St	1	0.045253573
Canton St	1	0.043432447
Meeting St	1	0.059131753
Tingley St	1	0.044823714
Stockwell St	1	0.022456156
Ridgeland St	1	0.028042682
Falls Pl	1	0.031943449
Post Office Ct	1	0.054074937
Arcade St	1	0.050402558
Crout St	1	0.023469262
Trainor St	1	0.02688622
Hale St	1	0.047778209
Messenger St	1	0.035050568
Albro St	1	0.071853173
Florence St	1	0.070479694
Snow St	1	0.039255648
Mancini Dr	1	0.04718557
Africa St	1	0.065612721
America St	1	0.075467052
Tuxedo Ave	1	0.042077485
America St	1	0.047533878
Penn St	1	0.060449377
Penn St	1	0.09111426
Cyril Ct	1	0.047494777
Whitaker St	1	0.048973587
Ware Ct	1	0.032587257
Syracuse St	1	0.015821105

Wade St	1	0.049062247
Whelan Rd	1	0.121496247
Westwood Manor Dr	1	0.06881594
Ida St	1	0.017733802
Boundary Ave	1	0.094282573
Bodell Ave	1	0.045771028
Washington St	1	0.063100854
Tanyard Ln	1	0.061661406
Thornton St	1	0.017137897
Barry Rd	1	0.116375409
Syracuse St	1	0.019657562
Ophelia St	1	0.061906498
Parsonage St	1	0.047549468
Whitmarsh St	1	0.141501911
Bucklin St	1	0.042958826
Pearl St	1	0.031796407
Pilsudski St	1	0.052896427
Theresa Ct	1	0.024756334
Carol Ct	1	0.044220332
Merino St	1	0.03529045
Huldah St	1	0.041661024
Cornplanter Row	1	0.044186017
Peace St	1	0.148966705
Atwood St	1	0.023569602
Alphonso St	1	0.048340955
Mawney St	1	0.102854429
Mawney St	1	0.135974894
Temple Ct	1	0.044165782
Sherburne St	1	0.061311729
Princeton Ave	1	0.132028904
Daboll St	1	0.111549582
Bucklin St	1	0.08351816
Daboll St	1	0.126109917
Burnett St	1	0.093008589
Burnett St	1	0.144661556
Balcom St	1	0.047652841
Victor Emanuel Ave	1	0.075684541
Owen St	1	0.046212493
Prince St	1	0.013067784
Husted Ct	1	0.037032403
Meni Ct	1	0.03128485
Weiss Ct	1	0.036627567
Millard St	1	0.064185173
Jenkins St	1	0.038982576
Camp St	1	0.156034092
Pontiac Ave	1	0.041587593
F C Greene Memorial	1	0.019584356

Cumberland St	1	0.082660298
Sheffield Ave	1	0.038468782
Cornwall St	1	0.049118898
Deconcilis Wy	1	0.04709499
F C Greene Memorial	1	0.190400482
Shepard Ave	1	0.082381502
1St St	1	0.103452353
Wilkins St	1	0.054132877
Dwight St	1	0.042651917
Janes St	1	0.088539924
Ambrose St	1	0.053976557
Derry St	1	0.056969597
Niantic Ave	1	0.002922598
Bassi Ln	1	0.03165727
America St	1	0.046398066
Gwinnett Ct	1	0.055911649
Lytherland Pl	1	0.021859066
Crown Ave	1	0.031088429
Brinkley St	1	0.032121072
Coggeshall St	1	0.085146144
Reservoir Ave	1	0.039004004
Lancashire St	1	0.029360091
Whitford Ave	1	0.047646292
Cortez St	1	0.012261051
Pleasant St	1	0.121386712
Evergreen St	1	0.13270396
Locust St	1	0.080063227
Woodbine St	1	0.122163269
Bay St	1	0.058660256
Abbott Park Pl	1	0.064355263
Rt 95 N	1	0.001168401
Peck St	1	0.106282565
	1	0.065744728
June St	0	0
Buchanan St	0	0
Edgeworth Ave	0	0
Edgeworth Ave	0	0
Selkirk St	0	0
Concord St	0	0
Collyer St	0	0
9Th St	0	0
Evergreen St	0	0
8Th St	0	0
9Th St	0	0
8Th St	0	0
Gillen St	0	0
Gillen St	0	0

6Th St	0	0
Royal Ave	0	0
5Th St	0	0
Redwood Dr	0	0
4Th St	0	0
Kentland Ave	0	0
4Th St	0	0
Hebron St	0	0
Memorial Rd	0	0
Stenton Ave	0	0
Edgehill Rd	0	0
Edgehill Rd	0	0
Dexterdale Rd	0	0
Dexterdale Rd	0	0
Colonial Rd	0	0
Colonial Rd	0	0
Sheffield Ave	0	0
Albert Ave	0	0
Dana St	0	0
Woodbine St	0	0
Wardlaw Ave	0	0
Dana St	0	0
Ferncrest Blvd	0	0
Library Rd	0	0
Cole Rd	0	0
Library Rd	0	0
Salisbury Dr	0	0
Cole Rd	0	0
Cypress St	0	0
Rhode Island College	0	0
Rhode Island College	0	0
Butler Dr	0	0
	0	0
College Rd	0	0
Rhode Island College	0	0
5Th Ave	0	0
Cole Rd	0	0
Rhode Island College	0	0
Rhode Island College	0	0
Rhode Island College	0	0
Rhode Island College	0	0
3Rd Ave	0	0
Rhode Island College	0	0
5Th Ave	0	0
Rhode Island College	0	0
Rhode Island College	0	0
Library Rd	0	0

Western St	0	0
Mccann Pl	0	0
Pleasant Ct	0	0
Alpine Ct	0	0
Carver Ct	0	0
Daggett Ct	0	0
6Th Ave	0	0
Proctor Pl	0	0
N Main St	0	0
N Main St	0	0
Rosemont Ter	0	0
Nolan St	0	0
	0	0
Brookside Ave	0	0
Moshassuck Ct	0	0
Arline St	0	0
Park St	0	0
Ave Of The Arts	0	0
Woodland Ter	0	0
Park St	0	0
Euclid Ave	0	0
	0	0
Charlotte Hope St	0	0
Killingly St	0	0
Murphy St	0	0
Eutaw St	0	0
Cheeve St	0	0
Enterprise Row	0	0
Bond St	0	0
Enterprise Row	0	0
Jones St	0	0
Adams Ave	0	0
Hewitt St	0	0
Middle St	0	0
	0	0
	0	0
Ryans Ln	0	0
Gotham Ct	0	0
Whittaker St	0	0
Sawins Ln	0	0
Ophelia St	0	0
Hood St	0	0
Library Ct	0	0
Cleveland St	0	0
Bianco Ct	0	0
Service 1 Rd	0	0
Betteridge Ct	0	0

Henderson St	0	0
Fales St	0	0
Sevier St	0	0
Linden St	0	0
Whitehall St	0	0
Myrtle St	0	0
Public St	0	0
Mutual St	0	0
Moore St	0	0
Harding St	0	0
Briggs St	0	0
Haswell St	0	0
Fields Point Dr	0	0
Baffin Ct	0	0
Haddon Hill Rd	0	0
F C Greene Memorial	0	0
Calais St	0	0
Mohawk St	0	0
Morning Star Row	0	0
Sea View Dr	0	0
Stephen Hopkins Ct	0	0
William Ellery Pl	0	0
William Ellery Pl	0	0
Stillwater Ave	0	0
New York Ave	0	0
Seaview Ave	0	0
Reservoir Ave	0	0
Fields Point Dr	0	0
Harborside Blvd	0	0
Harborside Blvd	0	0
Deerfield Ter	0	0
Edgewood Blvd	0	0
F C Greene Memorial	0	0
Addison Pl	0	0
Maiden Ln	0	0
Copley Ln	0	0
Linden Ave	0	0
F C Greene Memorial	0	0
Exit 1	0	0
Hillside Ave	0	0
F C Greene Memorial	0	0
F C Greene Memorial	0	0
Humbert Ave	0	0
Butler Dr	0	0
Cutler St	0	0
F C Greene Memorial	0	0
Floral Ave	0	0

[illegible]

Butler Dr	0	0
India St	0	0
	0	0
Butler Dr	0	0
Butler Dr	0	0
Maria Ave	0	0
Fones Aly	0	0
Pumgansett St	0	0
Olive St	0	0
Dan St	0	0
Iron Horse Wy	0	0
	0	0
Dewolf St	0	0
Peck St	0	0
Ocean St	0	0
Ericson Pl	0	0
Rhode Island College	0	0
Rhode Island College	0	0
5Th Ave	0	0
Salisbury Dr	0	0
Library Rd	0	0
5Th Ave	0	0
5Th Ave	0	0
Iron Horse Wy	0	0
Iron Horse Wy	0	0
Iron Horse Wy	0	0
Iron Horse Wy	0	0
Iron Horse Wy	0	0
Providence College	0	0
Providence College	0	0
Providence College	0	0
Providence College	0	0
Huxley Cir	0	0
Huxley Cir	0	0
Huxley Cir	0	0
Providence College	0	0
Providence College	0	0
William Ellery Pl	0	0
Thomas Olney Commc	0	0
Selkirk St	0	0
Butler Dr	0	0
Butler Dr	0	0
2Nd St	0	0

Appendix B

Catch Basins Cleaned and Measured in 2022

FacilityID	InletType	WaterType	Inspection_Date	Rim to Sump (in)	Rim to Sediment (in)	Rim to Invert (in)
CB-293	Catch Basin	Storm	2022-11-21 14:42:40			
CB-294	Catch Basin	Storm	2022-11-21 11:26:23			
CB-489	Catch Basin	Storm		96	61.2	61.2
CB-491	Catch Basin	Storm		114	62.4	62.4
CB-529	Catch Basin	Storm	2022-08-02 15:43:49	96	60	54
CB-530	Catch Basin	Storm	2022-08-02 15:53:32	96	62	48
CB-545	Catch Basin	Storm	2022-08-02 12:48:59	72	51.6	30
CB-546	Catch Basin	Storm	2022-08-02 12:33:45	99.6	60	60
CB-551	Catch Basin	Storm		96	62.4	60
CB-552	Catch Basin	Storm	2022-08-02 14:25:30	96	60	52.8
CB-553	Catch Basin	Storm	2022-08-02 14:36:37	102	60	48
CB-554	Catch Basin	Storm	2022-08-02 15:00:14	102	72	48
CB-555	Catch Basin	Storm	2022-08-02 15:06:57	102	54	54
CB-556	Catch Basin	Storm	2022-08-02 13:13:09	102	60	60
CB-559	Catch Basin	Storm	2022-08-02 15:24:59	96	62	48
CB-560	Catch Basin	Storm	2022-08-02 12:58:43	102	60	57.6
CB-591	Catch Basin	Storm	2022-07-27 13:23:54	96	54	48
CB-592	Catch Basin	Storm	2022-08-08 12:04:56	96	60	54
CB-593	Catch Basin	Storm	2022-08-08 11:14:31	96	72	72
CB-594	Catch Basin	Storm	2022-08-08 11:51:49	96	54	54
CB-595	Catch Basin	Storm	2022-08-08 11:29:24	96	54	54
CB-596	Catch Basin	Storm	2022-07-25 17:01:54	132	84	84
CB-597	Catch Basin	Storm	2022-07-25 15:35:58	48	36	48
CB-598	Catch Basin	Storm	2022-07-25 17:48:06	132	72	72
CB-601	Catch Basin	Storm	2022-07-25 17:20:58	132	72	72
CB-683	Catch Basin	Storm	2022-11-22 10:54:40	0	0	0
CB-684	Catch Basin	Storm	2022-11-22 10:39:05	0	0	0
CB-791	Catch Basin	Storm	2022-11-22 11:08:00	0	0	0
CB-792	Catch Basin	Storm	2022-11-22 10:53:49	0	0	0
CB-793	Catch Basin	Storm	2022-11-22 10:39:16	0	0	0
CB-794	Catch Basin	Storm	2022-11-22 10:45:59	0	0	0
CB-820	Catch Basin	Storm	2022-11-22 12:24:22	0	0	0
CB-832	Catch Basin	Storm	2022-11-22 11:21:47	0	0	0
CB-833	Catch Basin	Storm	2022-11-22 11:34:32	0	0	0
CB-834	Catch Basin	Storm	2022-11-22 11:08:45	0	0	0
CB-835	Catch Basin	Storm	2022-11-22 11:14:54	0	0	0
CB-1256	Catch Basin	Storm	2022-11-22 14:57:50	0	0	0
CB-1501	Catch Basin	Storm	2022-11-23 16:39:56	0	0	0
CB-1512	Catch Basin	Storm	2022-11-23 15:32:05	0	0	0
CB-1513	Catch Basin	Storm	2022-11-23 15:44:34	0	0	0
CB-1514	Catch Basin	Storm	2022-11-23 14:57:51	0	0	0
CB-1515	Catch Basin	Storm	2022-11-23 15:06:47	0	0	0
CB-1537	Catch Basin	Storm	2022-11-22 16:25:29	0	0	0
CB-1538	Catch Basin	Storm	2022-11-22 16:52:15	0	0	0
CB-2700	Catch Basin	Storm	2022-11-18 16:54:09	0	0	0
CB-2701	Catch Basin	Storm	2022-11-18 15:25:40	0	0	0
CB-2702	Catch Basin	Storm	2022-11-18 16:24:53	0	0	0
CB-2703	Catch Basin	Storm	2022-11-18 17:10:55	0	0	0
CB-2778	Catch Basin	Storm	2022-11-18 13:27:54	0	0	0
CB-2779	Catch Basin	Storm	2022-11-18 13:49:16	0	0	0
CB-2780	Catch Basin	Storm	2022-11-18 14:40:39	0	0	0
CB-2781	Catch Basin	Storm	2022-11-18 13:21:42	0	0	0
CB-2801	Catch Basin	Storm	2022-11-18 12:29:07	0	0	0
CB-2802	Catch Basin	Storm	2022-11-18 13:11:02	0	0	0
CB-2803	Catch Basin	Storm	2022-11-18 12:42:27	0	0	0
CB-2804	Catch Basin	Storm	2022-11-18 13:07:07	0	0	0

CB-2809	Catch Basin	Storm	2022-11-18 13:19:07	0	0	0
CB-2810	Catch Basin	Storm	2022-11-18 12:55:13	0	0	0
CB-2832	Catch Basin	Storm	2022-11-18 12:38:33	0	0	0
CB-2833	Catch Basin	Storm	2022-11-18 12:48:01	0	0	0
CB-2834	Catch Basin	Storm	2022-11-18 13:02:34	0	0	0
CB-2835	Catch Basin	Storm	2022-11-18 12:32:51	0	0	0
CB-2837	Catch Basin	Storm	2022-11-28 17:02:08	0	0	0
CB-2838	Catch Basin	Storm	2022-11-28 16:42:26	0	0	0
CB-2846	Catch Basin	Storm	2022-11-18 12:14:20	0	0	0
CB-2847	Catch Basin	Storm	2022-11-18 13:36:00	0	0	0
CB-2848	Catch Basin	Storm	2022-11-29 10:59:09	0	0	0
CB-2850	Catch Basin	Storm	2022-11-29 10:59:32	0	0	0
CB-2875	Catch Basin	Storm	2022-11-28 16:28:10	0	0	0
CB-3281	Catch Basin	Storm	2022-11-28 15:33:22	0	0	0
CB-3282	Catch Basin	Storm	2022-11-28 15:16:42	0	0	0
CB-3283	Catch Basin	Storm	2022-11-28 14:56:58	0	0	0
CB-3288	Catch Basin	Storm	2022-11-28 16:01:33	0	0	0
CB-3289	Catch Basin	Storm	2022-11-28 15:00:03	0	0	0
CB-3291	Catch Basin	Storm	2022-11-28 16:10:23	0	0	0
CB-3292	Catch Basin	Storm	2022-11-28 14:28:59	0	0	0
CB-3294	Catch Basin	Storm	2022-11-28 14:19:50	0	0	0
CB-3753	Catch Basin	Storm	2022-11-28 11:57:29	0	0	0
CB-3754	Catch Basin	Storm	2022-11-28 12:15:18	0	0	0
CB-3756	Catch Basin	Storm	2022-11-28 12:17:30	0	0	0
CB-3757	Catch Basin	Storm	2022-11-28 11:58:04	0	0	0
CB-3758	Catch Basin	Storm	2022-11-28 12:31:11	0	0	0
CB-3764	Catch Basin	Storm	2022-11-28 11:39:28	0	0	0
CB-4644	Catch Basin	Storm	2022-08-29 12:40:21	98.4	54	48
CB-4649	Catch Basin	Storm	2022-08-29 13:27:41	96	48	48
CB-4723	Catch Basin	Storm		0	0	0
CB-4886	Catch Basin	Storm	2022-08-10 11:40:41	0	30	0
CB-4887	Catch Basin	Storm	2022-08-03 11:13:55	96	60	48
CB-4888	Catch Basin	Storm	2022-08-03 11:30:11	36	36	36
CB-4891	Catch Basin	Storm	2022-08-03 11:08:28	42	42	42
CB-4892	Catch Basin	Storm	2022-08-03 11:03:30	108	60	54
CB-4893	Catch Basin	Storm	2022-08-04 12:10:03	24	24	24
CB-4894	Catch Basin	Storm	2022-08-03 12:11:03	96	54	36
CB-5774	Catch Basin	Storm	2022-07-25 12:01:33	85.2	49.2	46.8
CB-5775	Catch Basin	Storm		96	37.2	48
CB-5778	Catch Basin	Storm	2022-07-25 11:43:23	85.2	50.4	43.2
CB-5779	Catch Basin	Storm	2022-07-25 11:09:12	97.2	55.2	55.2
CB-5780	Catch Basin	Storm	2022-07-25 10:02:00	73.32	49.2	51.6
CB-5942	Catch Basin	Storm	2022-07-25 12:51:36	103.2	49.32	60
CB-5943	Catch Basin	Storm	2022-07-25 13:10:56	98.4	72	63.6
CB-5945	Catch Basin	Storm		97.2	66	34.8
CB-5946	Catch Basin	Storm		96	66	9.6
CB-5948	Catch Basin	Storm		103.2	60	55.2
CB-5949	Catch Basin	Storm		99.6	64.8	60
CB-5951	Catch Basin	Storm		97.2	73.2	38.4
CB-5975	Catch Basin	Storm		93.6	60	55.2
CB-5976	Catch Basin	Storm		100.8	60	60
CB-5979	Catch Basin	Storm		85.2	51.6	48
CB-5980	Catch Basin	Storm	2022-08-05 12:17:19	100.8	54	54
CB-5982	Catch Basin	Storm		102	62.4	60
CB-5983	Catch Basin	Storm		0	0	0
CB-5986	Catch Basin	Storm		36	16.8	36
CB-5987	Catch Basin	Storm	2022-07-28 11:27:28	99.6	69.6	60

CB-5988	Catch Basin	Storm		93.6	43.2	46.8
CB-5989	Catch Basin	Storm		87.6	40.8	40.8
CB-5990	Catch Basin	Storm		32.4	0	32.4
CB-5991	Catch Basin	Storm		96	49.2	55.2
CB-5992	Catch Basin	Storm		88.8	36	37.2
CB-5994	Catch Basin	Storm	2022-08-08 11:34:49	102	60	60
CB-5995	Catch Basin	Storm	2022-08-08 11:50:09	36	27.6	36
CB-5996	Catch Basin	Storm	2022-08-08 11:15:44	30	0	30
CB-5997	Catch Basin	Storm	2022-08-08 10:50:35	100.8	48	42
CB-5998	Catch Basin	Storm		99.6	58.8	48
CB-5999	Catch Basin	Storm		96	60	44.4
CB-6001	Catch Basin	Storm	2022-08-02 12:58:55	96	52	48
CB-6003	Catch Basin	Storm	2022-08-03 9:33:18	96	48	48
CB-6009	Catch Basin	Storm		98.4	52.8	57.6
CB-6011	Catch Basin	Storm		91.2	64.8	51.6
CB-6036	Catch Basin	Storm		80.4	52.8	27.6
CB-6099	Catch Basin	Storm	2022-07-25 16:00:20	120	60	72
CB-6100	Catch Basin	Storm	2022-07-25 15:42:24	132	60	72
CB-6344	Catch Basin	Storm		25.32	25.2	25.32
CB-6345	Catch Basin	Storm		103.2	64.8	55.2
CB-6346	Catch Basin	Storm	2022-08-09 16:20:17	28	0	0
CB-6347	Catch Basin	Storm		98.4	56.4	51.6
CB-6348	Catch Basin	Storm		99.6	55.2	55.2
CB-6349	Catch Basin	Storm	2022-08-09 16:21:09	0	0	0
CB-6354	Catch Basin	Storm		96	60	36
CB-6386	Catch Basin	Storm	2022-07-25 12:22:19	96	48	48
CB-6387	Catch Basin	Storm	2022-07-25 11:59:18	96	50	50
CB-6391	Catch Basin	Storm	2022-08-09 13:33:51	12	0	0
CB-6392	Catch Basin	Storm	2022-07-27 14:55:14	96	48	48
CB-6393	Catch Basin	Storm	2022-07-27 14:25:21	96	48	48
CB-6396	Catch Basin	Storm	2022-07-25 14:08:11	102	60	49.2
CB-6397	Catch Basin	Storm	2022-07-25 13:47:21	102	68.4	57.6
CB-6398	Catch Basin	Storm	2022-08-01 10:35:59	96	48	48
CB-6399	Catch Basin	Storm		98.4	55.2	50.4
CB-6400	Catch Basin	Storm		92.4	48	48
CB-6401	Catch Basin	Storm		31.2	31.2	31.2
CB-6402	Catch Basin	Storm		99.6	56.4	37.32
CB-6403	Catch Basin	Storm	2022-08-09 16:13:20	25	0	0
CB-6404	Catch Basin	Storm	2022-07-29 15:02:51	96	50	48
CB-6405	Catch Basin	Storm	2022-08-09 16:12:04	18	0	0
CB-6406	Catch Basin	Storm	2022-08-01 11:23:40	96	48	48
CB-6501	Catch Basin	Storm	2022-11-21 11:50:45	0	0	0
CB-6502	Catch Basin	Storm	2022-11-21 14:10:22	0	0	0
CB-6503	Catch Basin	Storm	2022-11-21 13:57:48	0	0	0
CB-6504	Catch Basin	Storm	2022-11-21 13:30:03	0	0	0
CB-6531	Catch Basin	Storm	2022-11-21 12:11:50	0	0	0
CB-6537	Catch Basin	Storm	2022-11-21 12:28:51	0	0	0
CB-6596	Catch Basin	Storm	2022-11-21 14:42:13	0	0	0
CB-6597	Catch Basin	Storm	2022-11-21 14:51:37	0	0	0
CB-6598	Catch Basin	Storm	2022-11-21 14:33:02	0	0	0
CB-6599	Catch Basin	Storm	2022-11-21 11:38:20	0	0	0
CB-6601	Catch Basin	Storm	2022-11-21 12:10:44	0	0	0
CB-6603	Catch Basin	Storm	2022-11-21 12:32:11	0	0	0
CB-6605	Catch Basin	Storm	2022-11-21 11:56:03	0	0	0
CB-6606	Catch Basin	Storm	2022-11-21 11:35:40	0	0	0
CB-6607	Catch Basin	Storm	2022-11-21 11:17:31	0	0	0
CB-6608	Catch Basin	Storm	2022-11-21 11:07:45	0	0	0

CB-6611	Catch Basin	Storm	2022-11-21 13:46:41	0	0	0
CB-6612	Catch Basin	Storm	2022-11-21 15:29:53	0	0	0
CB-6613	Catch Basin	Storm	2022-11-21 13:03:21	0	0	0
CB-6614	Catch Basin	Storm	2022-11-21 15:07:57	0	0	0
CB-6615	Catch Basin	Storm	2022-11-21 10:50:07	0	0	0
CB-6852	Catch Basin	Storm		96	60	54
CB-6853	Catch Basin	Storm	2022-07-29 12:13:49	96	42	42
CB-6854	Catch Basin	Storm	2022-07-29 13:08:51	30	24	30
CB-6855	Catch Basin	Storm	2022-07-29 12:38:56	102	54	54
CB-6859	Catch Basin	Storm	2022-07-29 13:16:36	102	42	42
CB-6860	Catch Basin	Storm		33.6	28.8	33.6
CB-6861	Catch Basin	Storm		98.4	60	50.4
CB-6867	Catch Basin	Storm		105.6	86.4	60
CB-6868	Catch Basin	Storm		98.4	78	57.6
CB-6869	Catch Basin	Storm		25.32	25.2	25.32
CB-6870	Catch Basin	Storm	2022-08-09 17:17:35	13	0	0
CB-6871	Catch Basin	Storm		90	60	55.2
CB-6872	Catch Basin	Storm	2022-08-01 11:03:14	104.4	67.2	60
CB-6873	Catch Basin	Storm		102	62.4	55.2
CB-6874	Catch Basin	Storm		108	69.6	48
CB-6877	Catch Basin	Storm		100.8	60	60
CB-6878	Catch Basin	Storm	2022-08-04 14:17:05	102	72	48
CB-6879	Catch Basin	Storm	2022-08-09 16:51:22	16	0	0
CB-6880	Catch Basin	Storm		100.8	37.2	48
CB-6881	Catch Basin	Storm	2022-08-09 16:54:03	12	0	0
CB-6882	Catch Basin	Storm		93.6	57.6	54
CB-6883	Catch Basin	Storm	2022-08-01 15:42:19	99.6	50.4	50.4
CB-6884	Catch Basin	Storm	2022-08-01 16:02:31	38.4	0	37.2
CB-6886	Catch Basin	Storm	2022-08-01 11:20:24	102	44.4	44.4
CB-6887	Catch Basin	Storm	2022-08-01 17:05:57	96	43.2	48
CB-6888	Catch Basin	Storm	2022-08-09 16:59:28	0	46	0
CB-6889	Catch Basin	Storm	2022-07-28 12:49:32	96	54	48
CB-6890	Catch Basin	Storm	2022-07-28 12:09:11	96	52	48
CB-6892	Catch Basin	Storm	2022-07-28 13:22:26	96	52	48
CB-6894	Catch Basin	Storm	2022-07-28 12:58:30	96	50	48
CB-6895	Catch Basin	Storm		92.4	40.8	40.8
CB-6896	Catch Basin	Storm		99.6	44.4	50.4
CB-6897	Catch Basin	Storm	2022-08-01 14:07:02	96	43.2	48
CB-6898	Catch Basin	Storm	2022-08-01 14:28:34	38.4	36	38.4
CB-6899	Catch Basin	Storm	2022-08-01 13:29:27	96	54	54
CB-6900	Catch Basin	Storm	2022-08-01 13:03:14	38.4	0	38.4
CB-6901	Catch Basin	Storm	2022-08-01 14:34:47	104.4	42	42
CB-6902	Catch Basin	Storm	2022-08-01 11:42:15	108	40.8	42
CB-6903	Catch Basin	Storm	2022-07-25 14:40:22	98.4	74.4	60
CB-6904	Catch Basin	Storm	2022-07-25 14:26:16	103.2	60	49.2
CB-6905	Catch Basin	Storm	2022-07-25 14:55:12	91.2	55.2	50.4
CB-6906	Catch Basin	Storm	2022-07-25 13:35:56	94.8	55.2	48
CB-6907	Catch Basin	Storm	2022-07-25 15:09:50	100.8	60	55.2
CB-6908	Catch Basin	Storm		28.8	15.6	28.8
CB-6909	Catch Basin	Storm		97.2	49.32	57.6
CB-6910	Catch Basin	Storm	2022-07-27 15:50:21	100.8	66	57.6
CB-6911	Catch Basin	Storm	2022-08-09 16:07:24	24	0	0
CB-6912	Catch Basin	Storm	2022-07-29 14:14:49	96	60	54
CB-6913	Catch Basin	Storm	2022-08-09 16:09:00	22	0	0
CB-6914	Catch Basin	Storm	2022-07-27 16:30:41	97.2	66	31.2
CB-6915	Catch Basin	Storm	2022-07-27 16:51:29	97.2	60	28.8
CB-6916	Catch Basin	Storm	2022-07-29 14:42:48	30	0	0

CB-6917	Catch Basin	Storm	2022-07-29 14:05:58	102	60	54
CB-6918	Catch Basin	Storm	2022-07-29 15:11:32	102	84	54
CB-6920	Catch Basin	Storm		100.8	57.6	51.6
CB-6921	Catch Basin	Storm		31.2	20.4	31.2
CB-6922	Catch Basin	Storm		85.2	66	51.6
CB-6924	Catch Basin	Storm	2022-08-01 10:36:14	96	48	48
CB-6925	Catch Basin	Storm		93.6	38.4	38.4
CB-6926	Catch Basin	Storm		99.6	72	60
CB-6927	Catch Basin	Storm		28.8	19.2	28.8
CB-6929	Catch Basin	Storm	2022-07-29 12:44:41	96	54	48
CB-6930	Catch Basin	Storm	2022-07-29 13:19:26	96	60	48
CB-6932	Catch Basin	Storm	2022-07-29 13:07:24	96	60	54
CB-6933	Catch Basin	Storm		85.32	62.4	62.4
CB-6934	Catch Basin	Storm		0	0	0
CB-6935	Catch Basin	Storm	2022-08-09 16:04:10	32	0	0
CB-6936	Catch Basin	Storm	2022-07-29 14:04:19	96	52	48
CB-6937	Catch Basin	Storm		96	56.4	54
CB-6938	Catch Basin	Storm		99.6	60	52.8
CB-6939	Catch Basin	Storm		98.4	76.8	54
CB-6940	Catch Basin	Storm		108	80.4	55.2
CB-6941	Catch Basin	Storm		98.4	60	57.6
CB-6942	Catch Basin	Storm		99.6	58.8	58.8
CB-6943	Catch Basin	Storm		85.32	69.6	48
CB-6944	Catch Basin	Storm		99.6	74.4	60
CB-6945	Catch Basin	Storm		91.2	58.8	37.2
CB-6946	Catch Basin	Storm		93.6	70.8	48
CB-6947	Catch Basin	Storm		85.2	51.6	48
CB-6948	Catch Basin	Storm	2022-08-04 16:20:17	102	39.6	60
CB-6949	Catch Basin	Storm	2022-08-01 12:06:18	96	52	48
CB-6951	Catch Basin	Storm	2022-08-01 14:58:14	96	52	48
CB-6952	Catch Basin	Storm	2022-08-03 14:46:32	22	0	0
CB-6953	Catch Basin	Storm	2022-08-01 13:27:40	38	0	0
CB-6954	Catch Basin	Storm	2022-08-01 14:27:15	96	52	48
CB-6955	Catch Basin	Storm	2022-08-04 9:19:22	98.4	42	48
CB-6956	Catch Basin	Storm	2022-08-09 17:12:09	28	0	0
CB-6958	Catch Basin	Storm	2022-08-04 9:56:22	0	0	0
CB-6960	Catch Basin	Storm	2022-07-28 15:42:52	0	0	0
CB-6961	Catch Basin	Storm	2022-07-28 15:48:55	96	36	36
CB-6962	Catch Basin	Storm	2022-07-28 15:29:22	30	24	30
CB-6963	Catch Basin	Storm	2022-07-28 14:59:09	96	54	48
CB-6964	Catch Basin	Storm	2022-07-29 11:40:34	96	54	48
CB-6965	Catch Basin	Storm	2022-08-09 16:44:33	29	0	0
CB-6966	Catch Basin	Storm	2022-07-28 17:01:58	96	36	36
CB-6967	Catch Basin	Storm	2022-07-29 10:17:59	96	72	54
CB-6968	Catch Basin	Storm	2022-07-29 10:24:16	96	36	36
CB-6969	Catch Basin	Storm	2022-08-09 16:31:07	27	0	0
CB-6970	Catch Basin	Storm	2022-07-29 10:51:22	96	84	48
CB-6971	Catch Basin	Storm	2022-08-02 11:11:51	24	24	24
CB-6972	Catch Basin	Storm	2022-08-01 15:11:14	96	50	48
CB-6973	Catch Basin	Storm	2022-08-02 10:18:19	24	24	24
CB-6974	Catch Basin	Storm	2022-08-02 9:57:38	96	48	48
CB-6975	Catch Basin	Storm	2022-07-28 9:47:18	96	42	36
CB-6976	Catch Basin	Storm	2022-07-28 10:29:37	96	42	36
CB-6977	Catch Basin	Storm	2022-08-03 17:46:53	19	0	0
CB-6978	Catch Basin	Storm	2022-08-03 17:48:02	19	0	0
CB-6979	Catch Basin	Storm	2022-07-28 12:01:02	30	30	30
CB-6980	Catch Basin	Storm	2022-07-28 11:02:15	96	52	48

CB-6981	Catch Basin	Storm	2022-07-27 16:28:07	96	48	48
CB-6982	Catch Basin	Storm	2022-08-02 10:26:58	99.6	60	54
CB-6983	Catch Basin	Storm	2022-08-02 10:40:34	102	42	54
CB-6984	Catch Basin	Storm	2022-08-04 13:26:44	96	48	48
CB-6985	Catch Basin	Storm	2022-08-04 12:24:34	96	48	48
CB-6986	Catch Basin	Storm	2022-08-09 16:39:48	24	0	0
CB-6987	Catch Basin	Storm	2022-08-09 16:41:19	25	0	0
CB-6988	Catch Basin	Storm		100.8	55.2	55.2
CB-6989	Catch Basin	Storm		30	30	30
CB-6990	Catch Basin	Storm	2022-08-04 13:05:05	96	56.4	56.4
CB-6991	Catch Basin	Storm	2022-08-04 12:53:23	42	30	36
CB-6992	Catch Basin	Storm	2022-07-29 9:59:35	96	48	36
CB-6993	Catch Basin	Storm		96	61.2	57.6
CB-6994	Catch Basin	Storm	2022-08-02 10:22:14	84	48	48
CB-6995	Catch Basin	Storm	2022-08-02 10:41:14	84	48	48
CB-6998	Catch Basin	Storm		86.4	58.8	40.8
CB-6999	Catch Basin	Storm	2022-08-03 18:04:44	19	0	0
CB-7000	Catch Basin	Storm	2022-08-03 18:06:06	17	0	0
CB-7001	Catch Basin	Storm	2022-08-03 17:58:15	12	0	0
CB-7002	Catch Basin	Storm	2022-08-09 15:25:46	12	0	0
CB-7006	Catch Basin	Storm		94.8	58.8	48
CB-7007	Catch Basin	Storm	2022-07-27 16:58:56	84	50	42
CB-7010	Catch Basin	Storm		36	30	28.8
CB-7011	Catch Basin	Storm		93.6	43.2	32.4
CB-7012	Catch Basin	Storm		96	50.4	38.4
CB-7013	Catch Basin	Storm	2022-08-02 15:29:12	96	48	48
CB-7015	Catch Basin	Storm	2022-08-02 15:19:19	30	24	24
CB-7021	Catch Basin	Storm	2022-08-08 13:43:17	98.4	60	60
CB-7022	Catch Basin	Storm	2022-07-26 14:59:44	96	50	48
CB-7023	Catch Basin	Storm	2022-07-26 13:25:20	96	66	48
CB-7024	Catch Basin	Storm	2022-07-27 11:41:37	97.2	61.2	32.4
CB-7025	Catch Basin	Storm	2022-07-26 13:56:19	98.4	66	51.6
CB-7026	Catch Basin	Storm	2022-07-27 11:21:04	98.4	58.8	28.8
CB-7028	Catch Basin	Storm	2022-07-26 15:08:06	93.6	70.8	38.4
CB-7029	Catch Basin	Storm		96	50	48
CB-7030	Catch Basin	Storm	2022-07-27 12:01:58	96	54	48
CB-7031	Catch Basin	Storm	2022-08-09 14:22:26	32	10	0
CB-7032	Catch Basin	Storm	2022-07-27 10:37:15	99.6	56.4	38.4
CB-7033	Catch Basin	Storm		97.2	55.2	48
CB-7034	Catch Basin	Storm	2022-07-26 16:52:33	96	57.6	48
CB-7048	Catch Basin	Storm	2022-07-25 13:38:56	96	48	48
CB-7049	Catch Basin	Storm	2022-08-09 13:24:46	12	0	0
CB-7050	Catch Basin	Storm	2022-08-09 13:20:02	12	0	0
CB-7051	Catch Basin	Storm	2022-07-27 13:46:32	12	0	0
CB-7052	Catch Basin	Storm	2022-07-25 18:01:50	96	48	48
CB-7053	Catch Basin	Storm	2022-07-25 11:42:00	12	0	0
CB-7054	Catch Basin	Storm	2022-07-25 13:21:17	96	48	48
CB-7055	Catch Basin	Storm		96	54	48
CB-7056	Catch Basin	Storm	2022-07-26 11:59:03	96	54	48
CB-7057	Catch Basin	Storm	2022-07-25 15:22:51	96	48	48
CB-7058	Catch Basin	Storm	2022-07-26 10:15:46	96	54	48
CB-7059	Catch Basin	Storm	2022-07-25 14:44:23	96	60	48
CB-7060	Catch Basin	Storm	2022-07-26 11:02:23	96	54	48
CB-7065	Catch Basin	Storm	2022-07-25 14:05:13	78	48	48
CB-7066	Catch Basin	Storm	2022-07-25 13:51:31	96	48	48
CB-7067	Catch Basin	Storm		12	0	0
CB-7068	Catch Basin	Storm	2022-07-27 13:05:08	96	50	48

CB-7069	Catch Basin	Storm	2022-07-27 10:21:16	96	52	48
CB-7070	Catch Basin	Storm		12	0	0
CB-7073	Catch Basin	Storm	2022-07-26 11:27:26	96	60	54
CB-7074	Catch Basin	Storm		96	60	54
CB-7076	Catch Basin	Storm	2022-07-26 15:39:15	96	52	48
CB-7077	Catch Basin	Storm	2022-07-25 11:22:39	96	60	48
CB-7079	Catch Basin	Storm	2022-08-09 13:48:04	14	0	0
CB-7080	Catch Basin	Storm		0	0	0
CB-7081	Catch Basin	Storm	2022-07-26 15:16:13	96	52	48
CB-7082	Catch Basin	Storm	2022-07-26 11:43:58	96	54	48
CB-7084	Catch Basin	Storm	2022-07-26 13:26:52	96	54	48
CB-7085	Catch Basin	Storm	2022-07-26 13:52:58	96	60	48
CB-7088	Catch Basin	Storm	2022-07-27 9:53:18	96	50	48
CB-7090	Catch Basin	Storm	2022-07-26 10:37:36	90	72	60
CB-7091	Catch Basin	Storm	2022-07-26 10:47:54	84	54	54
CB-7096	Catch Basin	Storm	2022-07-25 14:25:52	96	60	50
CB-7097	Catch Basin	Storm	2022-07-25 14:15:32	96	60	50
CB-7098	Catch Basin	Storm	2022-07-25 15:08:55	96	60	48
CB-7099	Catch Basin	Storm	2022-07-25 14:56:57	96	48	48
CB-7100	Catch Basin	Storm	2022-07-26 10:06:55	96	72	60
CB-7101	Catch Basin	Storm	2022-07-26 9:58:48	96	60	60
CB-7102	Catch Basin	Storm	2022-08-02 13:29:30	96	48	48
CB-7103	Catch Basin	Storm		92.4	42	44.4
CB-7104	Catch Basin	Storm		91.2	43.2	43.2
CB-7105	Catch Basin	Storm		86.4	42	42
CB-7106	Catch Basin	Storm		93.6	42	39.6
CB-7320	Catch Basin	Storm	2022-08-08 9:29:48	96	60	48
CB-7363	Catch Basin	Storm	2022-08-08 9:14:42	36	30	36
CB-7364	Catch Basin	Storm	2022-08-08 9:20:23	24	24	24
CB-7693	Catch Basin	Storm	2022-11-21 15:54:27	0	0	0
CB-7694	Catch Basin	Storm	2022-11-21 16:05:29	0	0	0
CB-7695	Catch Basin	Storm	2022-11-21 17:42:29	0	0	0
CB-7696	Catch Basin	Storm	2022-11-21 17:31:02	0	0	0
CB-7697	Catch Basin	Storm	2022-11-21 18:13:45	0	0	0
CB-7698	Catch Basin	Storm	2022-11-21 16:50:58	0	0	0
CB-7699	Catch Basin	Storm	2022-11-21 17:43:13	0	0	0
CB-7700	Catch Basin	Storm	2022-11-21 17:13:08	0	0	0
CB-7701	Catch Basin	Storm	2022-11-21 15:20:48	0	0	0
CB-7702	Catch Basin	Storm	2022-11-21 17:04:48	0	0	0
CB-13285	Catch Basin	Storm	2022-08-03 14:34:36	96	52	48
CB-13286	Catch Basin	Storm	2022-08-03 14:15:18	96	72	48
CB-13287	Catch Basin	Storm	2022-08-03 13:58:55	96	72	54
CB-13288	Catch Basin	Storm	2022-08-04 12:25:33	96	54	48
CB-13291	Catch Basin	Storm	2022-08-03 15:04:07	96	54	48
CB-13292	Catch Basin	Storm	2022-08-09 16:14:37	0	0	0
CB-13293	Catch Basin	Storm	2022-08-09 16:19:10	0	0	0
CB-13294	Catch Basin	Storm	2022-08-04 13:35:11	96	54	48
CB-13296	Catch Basin	Storm	2022-08-03 15:41:05	96	52	48
CB-13297	Catch Basin	Storm	2022-08-04 13:21:18	96	54	48
CB-13298	Catch Basin	Storm	2022-08-03 16:19:56	96	48	48
CB-13300	Catch Basin	Storm	2022-08-04 13:03:29	96	54	0
CB-13301	Catch Basin	Storm		0	0	0
CB-14934	Catch Basin	Storm	2022-09-02 12:38:34	96	60	48
CB-14935	Catch Basin	Storm	2022-09-07 12:53:55	98.4	54	48
CB-14936	Catch Basin	Storm	2022-09-02 12:50:10	96	60	48
CB-14939	Catch Basin	Storm	2022-09-02 12:18:27	96	60	48
CB-14942	Catch Basin	Storm	2022-09-02 11:24:06	84	48	48

CB-14943	Catch Basin	Storm	2022-09-01 13:43:22	96	48	48
CB-14944	Catch Basin	Storm	2022-09-01 14:53:48	96	72	48
CB-14945	Catch Basin	Storm	2022-09-01 15:45:42	96	60	48
CB-15012	Catch Basin	Storm	2022-08-30 12:58:58	98.4	72	48
CB-15013	Catch Basin	Storm	2022-08-30 11:28:02	84	48	48
CB-15014	Catch Basin	Storm	2022-08-30 12:17:14	96	60	48
CB-15015	Catch Basin	Storm	2022-08-29 16:26:28	96	72	60
CB-15031	Catch Basin	Storm		0	0	0
CB-15032	Catch Basin	Storm	2022-08-29 16:41:23	84	72	60
CB-15033	Catch Basin	Storm	2022-08-30 13:22:47	96	54	48
CB-15055	Catch Basin	Storm	2022-08-30 14:50:20	96	55.2	48
CB-15056	Catch Basin	Storm		0	0	0
CB-15057	Catch Basin	Storm		0	0	0
CB-15060	Catch Basin	Storm	2022-08-30 13:10:04	84	64.8	60
CB-15061	Catch Basin	Storm	2022-08-30 10:17:34	96	48	48
CB-15063	Catch Basin	Storm		0	0	0
CB-15281	Catch Basin	Storm	2022-09-08 10:14:45	96	48	48
CB-15282	Catch Basin	Storm		0	0	0
CB-15283	Catch Basin	Storm	2022-09-08 9:43:50	96	48	48
CB-15285	Catch Basin	Storm	2022-09-07 11:53:42	96	60	48
CB-15286	Catch Basin	Storm	2022-09-07 10:59:40	96	36	48
CB-15287	Catch Basin	Storm		0	0	0
CB-15288	Catch Basin	Storm		0	0	0
CB-15330	Catch Basin	Storm	2022-08-29 16:19:26	90	64.8	60
CB-15331	Catch Basin	Storm		0	0	0
CB-15332	Catch Basin	Storm	2022-08-30 14:06:51	100.8	48	48
CB-15622	Catch Basin	Storm	2022-08-09 10:13:26	96	48	48
CB-15624	Catch Basin	Storm	2022-08-09 10:07:08	90	62.4	48
CB-15626	Catch Basin	Storm	2022-08-09 9:57:25	36	36	36
CB-15670	Catch Basin	Storm	2022-08-09 10:07:24	96	54	48
CB-16198	Catch Basin	Storm	2022-08-09 12:21:48	98.4	80.4	48
CB-16199	Catch Basin	Storm	2022-08-09 12:28:16	96	60	54
CB-16200	Catch Basin	Storm	2022-08-09 12:14:44	96	81.6	48
CB-16227	Catch Basin	Storm	2022-08-09 11:04:25	96	66	36
CB-16228	Catch Basin	Storm	2022-08-09 10:56:47	96	86.4	48
CB-16466	Catch Basin	Storm		0	0	0
CB-16467	Catch Basin	Storm	2022-09-01 10:16:02	96	60	48
CB-16468	Catch Basin	Storm	2022-09-01 10:22:44	96	60	48
CB-16470	Catch Basin	Storm	2022-08-31 16:32:45	96	66	42
CB-16471	Catch Basin	Storm	2022-08-31 16:43:29	99.6	60	48
CB-16472	Catch Basin	Storm		0	0	0
CB-16473	Catch Basin	Storm	2022-09-01 9:45:13	96	72	48
CB-16475	Catch Basin	Storm	2022-09-01 9:19:23	90	68.4	48
CB-16476	Catch Basin	Storm	2022-09-01 9:28:39	96	63.6	48
CB-16477	Catch Basin	Storm		0	0	0
CB-16478	Catch Basin	Storm	2022-09-01 9:25:59	96	72	48
CB-16480	Catch Basin	Storm	2022-09-01 9:56:42	96	72	48
CB-16738	Catch Basin	Storm	2022-09-07 11:15:50	102	48	48
CB-16739	Catch Basin	Storm	2022-09-07 11:39:34	96	48	48
CB-16956	Catch Basin	Storm	2022-08-05 11:32:39	40.8	24	21.6
CB-16957	Catch Basin	Storm	2022-08-05 11:15:02	84	52	48
CB-16959	Catch Basin	Storm	2022-08-05 10:56:59	96	0	0
CB-16960	Catch Basin	Storm	2022-08-05 10:45:41	96	62	48
CB-16961	Catch Basin	Storm	2022-08-04 11:48:13	21.6	19.2	21.6
CB-16962	Catch Basin	Storm	2022-08-05 11:03:33	19.2	12	19.2
CB-16963	Catch Basin	Storm	2022-08-05 10:42:53	36	36	36
CB-16965	Catch Basin	Storm	2022-08-05 10:50:28	84	48	30

CB-16966	Catch Basin	Storm	2022-08-05 9:21:47	22	18	10
CB-16967	Catch Basin	Storm	2022-08-05 10:15:27	96	79.2	55.2
CB-16968	Catch Basin	Storm	2022-08-05 10:10:33	90	48	48
CB-16969	Catch Basin	Storm	2022-08-05 9:56:00	20.4	12	20.4
CB-16970	Catch Basin	Storm	2022-08-05 8:56:45	96	81.6	60
CB-16971	Catch Basin	Storm	2022-08-05 8:54:35	92.4	60	60
CB-16972	Catch Basin	Storm	2022-08-05 10:12:23	26.4	24	26.4
CB-16997	Catch Basin	Storm		0	0	0
CB-17017	Catch Basin	Storm	2022-08-05 10:26:01	92.4	43.2	48
CB-17053	Catch Basin	Storm	2022-08-03 12:39:14	72	42	36
CB-17054	Catch Basin	Storm	2022-08-03 13:03:08	24	12	24
CB-17154	Catch Basin	Storm	2022-08-09 11:42:55	0	0	0
CB-17201	Catch Basin	Storm	2022-08-30 9:45:46	96	48	48
CB-17202	Catch Basin	Storm	2022-08-30 9:49:47	93.6	48	16.8
CB-17203	Catch Basin	Storm	2022-08-29 16:01:41	98.4	54	54
CB-17204	Catch Basin	Storm	2022-08-29 16:34:31	90	48	0
CB-17205	Catch Basin	Storm	2022-09-07 10:59:42	24	20.4	24
CB-17206	Catch Basin	Storm	2022-09-07 12:37:46	102	76.8	54
CB-17208	Catch Basin	Storm	2022-09-01 14:22:41	108	48	48
CB-17281	Catch Basin	Storm	2022-09-01 9:58:40	98.4	54	48
CB-17387	Catch Basin	Storm	2022-11-23 15:46:55	0	0	0
CB-19087	Catch Basin	Storm	2022-08-09 12:53:02	4.8	43.2	36
CB-19149	Catchbasin	Storm	2022-11-22 16:06:46	0	0	0
CB-19150	Catchbasin	Storm	2022-11-23 14:43:25	0	0	0
CB-6352	Catch Basin	Storm		91.2	54	49.2
CB-6349	Catch Basin	Storm		85.2	60	48
CB-7034	Catch Basin	Storm	2022-07-26 16:52:33	96	57.6	48

Appendix C

Sewer Debris Cleaned in 2022

<u>DATE</u>	<u>TONNAGE</u>	<u>COST</u>	<u>SEWER_DEBRIS</u>
3/17/2022	14.84	697.48	
3/21/2022	12.68	595.96	
3/22/2022	15.18	713.46	
4/25/2022	12.92	1162.8	
6/7/2022	14.84	1335.6	
6/24/2022	10.98	988.2	
7/19/2022	8.69	173.8	
10/20/2022	11	594	
10/24/2022	6.99	377.46	
10/24/2022	7.25	391.5	
11/3/2022	10.7	577.8	
11/3/2022	14.16	764.64	
11/3/2022	8.88	479.52	
11/3/2022	10.61	572.94	
11/4/2022	15.81	853.74	
11/7/2022	13.52	730.08	

CATCH_BASIN_CLEANING

	A	B	C	D
1	0			
2		STREET NUMBER	DATE	TRUCK
3			1/3/2022	168
4	Sawyer/Elmwood	opp side	1/3/2022	168
5	Sawyer/Elmwood		1/3/2022	168
6	Sawyer/Elmwood		1/3/2022	168
7	Spooner/Elmwood		1/3/2022	168
8	Spooner/Elmwood	Box Chute	1/3/2022	168
9	Spooner	10	1/3/2022	168
10	Spooner/Stamford		1/3/2022	168
11	Spooner/Stamford	opp side	1/3/2022	168
12	Spooner	opp 14	1/3/2022	168
13	Spooner/Elmwood		1/3/2022	168
14	Bissell/Elmwood		1/3/2022	168
15	Bissell	20	1/3/2022	168
16	Bissell/Elmwood	opp side	1/3/2022	168
17	Bissell/Elmwood		1/3/2022	168
18	Bissell/Elmwood		1/3/2022	168
19	Bowdoin	81	1/4/2022	168
20	Bowdoin	opp 81	1/4/2022	168
21	Kossuth/Bowdoin		1/4/2022	168
22	Kossuth/Bowdoin	opp side	1/4/2022	168
23	Bowdoin	81 bc	1/4/2022	168
24	Kossuth/Bowdoin	Box Chute	1/4/2022	168
25	Bowdoin	82 bc	1/4/2022	168
26	Knight/Penn		1/5/2022	168
27	Knight/Penn	opp side	1/5/2022	168
28	Penn/Knight		1/5/2022	168
29	Penn/Knight	opp side	1/5/2022	168
30	125 Knight/Penn		1/5/2022	168
31	Knight	126	1/5/2022	168
32	Knight/Penn		1/6/2022	168
33	Harris	709	1/6/2022	168
34	Westfield	66-70	1/6/2022	168
35	Westfield/Harrison		1/6/2022	168
36	Regent	35	1/6/2022	168
37	Messer	201	1/6/2022	168
38	Sisson/Manton		1/13/2022	168
39	Sisson	35	1/13/2022	168
40	Sisson	84	1/13/2022	168
41	Maynard/Sisson		1/13/2022	168
42	Sisson	125	1/13/2022	168
43	Sisson	173	1/13/2022	168
44	Sisson/Chalkstone		1/13/2022	168
45	Sisson	176	1/13/2022	168
46	Sisson	113	1/13/2022	168
47	Broad/Adelaide		1/14/2022	168

CATCH_BASIN_CLEANING

	A	B	C	D
48	Adalaide/Broad		1/14/2022	168
49	Adalaide/Broad	opp side	1/14/2022	168
50	Gordon/Gallup		1/14/2022	168
51	Gordon	opp 211	1/14/2022	168
52	Gallup/Gordon		1/14/2022	168
53	Prairie	422	1/14/2022	168
54	Sayles/Prairie		1/14/2022	168
55	Prairie	opp355	1/14/2022	168
56	Prairie	opp 355 BC	1/14/2022	168
57	Public	302-304	1/14/2022	168
58	Douglas/Suffolk		1/18/2022	168
59	Suffolk/Douglas		1/18/2022	168
60	Suffoc/Douglas		1/18/2022	168
61	Donelson/Douglas		1/18/2022	168
62	Donleson/Douglas		1/18/2022	168
63	Donelson/.March		1/18/2022	168
64	Donleson/March	opp side	1/18/2022	168
65	March/Donelson		1/18/2022	168
66	Public	645	1/24/2022	168
67	Public	opp 645	1/24/2022	168
68	Public/Hamilton		1/24/2022	168
69	Hamilton	20 BC	1/24/2022	168
70	Stanwood/Hamilton		1/24/2022	168
71	Congress/Hamilton		1/24/2022	168
72	Congress/Hamilton	opp side	1/24/2022	168
73	Congress/Hamilton		1/24/2022	168
74	Congress /Hamilton		1/24/2022	168
75	Hamilton/Congress	Box Chute	1/24/2022	168
76	Hami;ton/Congress	Box Chute	1/24/2022	168
77	Hamilton/Congress	Box Chute	1/24/2022	168
78	Hamilton/Congress	Box Chute	1/24/2022	168
79	Hope/North		1/25/2022	168
80	North Ave	37	1/25/2022	168
81	North Ave	opp 37	1/25/2022	168
82	North/Blackstone		1/25/2022	168
83	North/Blackstone	opp side	1/25/2022	168
84	Winfield/Blackstone		1/25/2022	168
85	Winfield/Blackstone	opp side	1/25/2022	168
86	Winfield	5	1/25/2022	168
87	Winfield	opp 5	1/25/2022	168
88	Winfield	19	1/25/2022	168
89	Winfield	5	1/25/2022	168
90	Winfield	45	1/25/2022	168
91	Winfield	30	1/25/2022	168
92	Hartshorn	101	1/25/2022	168
93	Hartshorn	100	1/25/2022	168
94	Hartshorn	125	1/25/2022	168
95	Hartshorn/Blackstone BLVD		1/25/2022	168

CATCH_BASIN_CLEANING

	A	B	C	D
96	Hatrshorn/Blackstone BLVD		1/25/2022	168
97	Holly/Fifth		1/25/2022	168
98	Holly	74	1/25/2022	168
99	Holly	opp 74	1/25/2022	168
100	Holly	74 BC	1/25/2022	168
101	Holly/Westford		1/25/2022	168
102	Holly	54	1/25/2022	168
103	Holly	opp 44	1/25/2022	168
104	Holly	opp29	1/25/2022	168
105	Woodward/Branch		1/26/2022	168
106	Woodward/Branch		1/26/2022	168
107	Woodward	pole 24	1/26/2022	168
108	Woodward	Pole 6	1/26/2022	168
109	Langdon	40	1/26/2022	168
110	Langdon	79	1/26/2022	168
111	Langdon	113	1/26/2022	168
112	Langdon	113	1/26/2022	168
113	Langdon	135	1/26/2022	168
114	Langdon	189	1/26/2022	168
115	Langdon	199	1/26/2022	168
116	Langdon	219	1/26/2022	168
117	Langdon	opp240	1/26/2022	168
118	Langdon	opp268	1/26/2022	168
119	Langdon	283	1/26/2022	168
120	Langdon	395	1/26/2022	168
121	Langdon	opp283	1/26/2022	168
122	Langdon	268	1/26/2022	168
123	Langdon/Prosper		1/26/2022	168
124	Langdon	214	1/26/2022	168
125	Langdon	200	1/26/2022	168
126	Langdon	179	1/26/2022	168
127	Langdon	154	1/26/2022	168
128	Langdon	opp135	1/26/2022	168
129	Langdon	opp113	1/26/2022	168
130	Langdon	82	1/26/2022	168
131	Langdon	60	1/26/2022	168
132	Langdon	46	1/26/2022	168
133	Langdon/Branch		1/26/2022	168
134	Langdon/Branch	opp side	1/26/2022	168
135	Atwells Ave	222	2/8/2022	168
136	Sumter	45	2/8/2022	168
137	Parade/Westminster		2/8/2022	168
138	Prudence	143	2/9/2022	168
139	Pratt	161	2/9/2022	168
140	Springfield	50	2/9/2022	168
141	Webster	255	2/9/2022	168
142	Elmdale/Webster		2/9/2022	168
143	Webster	243	2/9/2022	168

CATCH_BASIN_CLEANING

	A	B	C	D
144	Boylston/Only		2/9/2022	168
145	Boylston/Only	Box Chute	2/9/2022	168
146	Boylston/Only	opp side	2/9/2022	168
147	Boylston/Only	Box Chute	2/9/2022	168
148	Whitehall	94	2/11/2022	168
149	Whitehall	opp94	2/11/2022	168
150	Wallace/Whitehall		2/11/2022	168
151	Progress/Priscilla	Box Chute	2/11/2022	168
152	Priscilla/Progress	Box Chute	2/11/2022	168
153	Priscilla/Progress	Box Chute	2/11/2022	168
154	Progress/Priscilla	Box Chute	2/11/2022	168
155	Priscilla	79	2/11/2022	168
156	Priscilla	opp 79	2/11/2022	168
157	Dora/Priscilla	Box Chute	2/11/2022	168
158	Dora/Priscilla	opp side	2/11/2022	168
159	River/Douglas		2/11/2022	168
160	River/Douglas		2/11/2022	168
161	River/Douglas	Box Chute	2/11/22	168
162	Elbow/Chestnut	Box Chute	2/11/2022	168
163	Chestnut/Elbow	Box Chute	2/11/2022	168
164	Chestnut/Elbow		2/11/2022	168
165	Elbow/Chestnut		2/11/2022	168
166	Elbow /Shipp		2/11/2022	168
167	Elbow / Shipp		2/11/2022	168
168	Shipp/Elbow	Box Chute	2/11/2022	168
169	Parade/Hudson		2/22/2022	168
170	Parade/Westminster		2/22/2022	168
171	Seekonk/Butler		2/22/2022	168
172	Seekonk/Butler	Box Chute	2/22/2022	168
173	Medway/Butler		2/23/2022	168
174	Medway/Butler		2/23/2022	168
175	Medway/Butler		2/23/2022	168
176	Medway/Butler		2/23/2022	168
177	Orms	374	2/23/2022	168
178	Manton Ave	825	2/28/2022	168
179	Manton Ave	825	2/28/2022	168
180	Broad St	1100	2/28/2022	168
181	Broad St	1258	2/28/2022	168
182	North Main/Doyle	central	3/1/2022	168
183	Laurel hill/Elmdale		3/11/2022	168
184	Laurel Hill/Dorchester		3/11/2022	168
185	Laurel Hill/Plainfield		3/11/2022	168
186	Laurel Hill/ Cleveland		3/11/2022	168
187	Greene/Washington		3/14/2022	168
188	Abbott	92	3/14/2022	168
189	Abbott	92	3/14/2022	168
190	Abbott	91	3/14/2022	168
191	Abbott	91	3/14/2022	168

CATCH_BASIN_CLEANING

	A	B	C	D
192	Knowles / Abbott		3/14/2022	168
193	Tecunseh / Abbott		3/14/2022	168
194	Abbott / Tecumseh		3/14/2022	168
195	Tecumseh	25	3/14/2022	168
196	Tecumseh	48	3/14/2022	168
197	Tecumseh	48	3/14/2022	168
198	Helme/DeSoto		3/15/2022	168
199	Helme/DeSoto	opp side	3/15/2022	168
200	DeSoto	18	3/15/2022	168
201	Tuxedo	42	3/15/2022	168
202	Tuxedo/Atwells		3/15/2022	168
203	Tuxedo	39	3/15/2022	168
204	Dorchester/Webster		3/15/2022	168
205	Barnes	29	3/17/2022	168
206	Barnes	30	3/17/2022	168
207	Elmhurst / Fair Oaks		3/21/2022	168
208	Massachussetts/Broad		3/21/2022	168
209	Massachussetts/Broad		3/21/2022	168
210	Massachussetts/Broad	opp side	3/21/2022	168
211	Massachussetts/Broad	opp side	3/21/2022	168
212	Elmhurst/fair Oaks		3/23/2022	168
213	Elmhurst/Fair Oaks		3/23/2022	168
214	Elmhurst/Fair Oaks	opp side	3/23/2022	168
215	Elmhurst/Fair Oaks	opp side	3/23/2022	168
216	Chalkstone@ Mount pleasant		3/24/2022	168
217	Chalkstone@ Mount pleasant		3/24/2022	168
218	Imera/Chalkstone		3/24/2022	168
219	Valley	120	3/24/2022	168
220	Valley/Delaine		3/24/2022	168
221	Valley/ Delaine		3/24/2022	168
222	Veazie	130	3/25/2022	168
223	Murray	58	3/29/2022	168
224	Narragansett	37	3/29/2022	168
225	Stimson	19	3/29/2022	168
226	Veazie/Woodward		3/29/2022	168
227	Webster Ave	226	3/30/2029	168
228	Ocean at Briggs		3/30/2029	168
229	Dorchester	39	3/31/2022	180
230	Viola/Dorchester	Box Chute	3/31/2022	180
231	Viola/Dorchester		3/31/2022	180
232	Dorchester	36	3/31/2022	180
233	Pocasset	68	3/31/2022	180
234	Pocasset	68	3/31/2022	180
235	Pocasset	opp 68	3/31/2022	180
236	Pocasset	opp 68 bc	3/31/2022	180
237	Farm	20	4/1/2022	180
238	Farm	opp 20	4/1/2022	180
239	Home	171	4/1/2022	180

CATCH_BASIN_CLEANING

	A	B	C	D
240	Home	171 bc	4/1/2022	180
241	Home	opp 171	4/1/2022	180
242	Home	180	4/1/2022	180
243	Home	opp 180	4/1/2022	180
244	Farm/Academy		4/1/2022	180
245	Farm/ Academy	Box Chute	4/1/2022	180
246	Academy/Farm		4/1/2022	180
247	Academy/Farm	Box Chute	4/1/2022	180
248	Marshall	61	4/1/2022	180
249	Marshall	opp 61	4/1/2022	180
250	Barrows	22	4/1/2022	180
251	Hope	856	4/2/2022	168
252	Hope	1034	4/2/2022	168
253	12th/Hope		4/2/2022	168
254	Hope	1008	4/2/2022	168
255	11th/Hope		4/2/2022	168
256	11th/Hope	opp side	4/2/2022	168
257	10th/hope		4/2/2022	168
258	10th/hope	opp side	4/2/2022	168
259	Hope	954	4/2/2022	168
260	Hope	947	4/2/2022	168
261	8th/Hope		4/2/2022	168
262	8th/Hope	opp side	4/2/2022	168
263	Hope	916	4/2/2022	168
264	Bayard/Hope		4/2/2022	168
265	Hope	914	4/2/2022	168
266	Overhill/Hope		4/2/2022	168
267	Overhill/Hope	opp side	4/2/2022	168
268	Hope	880	4/2/2022	168
269	Brookway/Blackstone Blvd		4/2/2022	168
270	Brookway/Blackstone Blvd		4/2/2022	168
271	Blackstone Blvd/Upton	Box Chute	4/2/2022	181
272	Blackstone Blvd/President	Box Chute	4/2/2022	181
273	Blackstone blvd/Elton	Box Chute	4/2/2022	181
274	Blackstone Blvd/pole 29	chute	4/2/2022	181
275	Blackstone blvd	145 bc	4/2/2022	181
276	Blackstone Blvd/Laurel	Box Chute	4/2/2022	181
277	Blackstone Blvd/ Freeman Pkwy	Box Chute	4/2/2022	181
278	Blackstone Blvd/Irving	Box Chute	4/2/2022	181
279	Blackstone Blvd/ clarendon	Box Chute	4/2/2022	181
280	Blackstone Blvd/Old tannery Rd	Box Chute	4/2/2022	181
281	Blackstone Blvd/Pole 95	Box Chute	4/2/2022	181
282	Blackstone Blvd/Swan Pt. cemetary	chute	4/2/2022	181
283	Ives/Wickenden	chute	4/2/2022	181
284	Ives/E. Transet	chute	4/2/2022	181
285	Ives	102 bc	4/2/2022	181
286	Baxter	41	4/5/2022	168
287	Baxter	41	4/5/2022	168

CATCH_BASIN_CLEANING

	A	B	C	D
288	Baxter	opp 41	4/5/2022	168
289	Potters/Baxter	Box Chute	4/5/2022	168
290	Baxter/Potters		4/5/2022	168
291	Academy	457	4/5/2022	168
292	Academy	457 bc	4/5/2022	168
293	Smith	659	4/5/2022	168
294	Pocasset	opp 68	4/5/2022	168
295	Pocasset	opp 68 bc	4/5/2022	168
296	Smith	659	4/6/2022	168
297	Pinehurst/Smith		4/6/2022	168
298	Pinehurst/Smith	opp side	4/6/2022	168
299	Dexter/Sprague		4/6/2022	168
300	Dexter/Sprague		4/6/2022	168
301	Dexter/Sprague	opp Side	4/6/2022	168
302	Sprague	248	4/6/2022	168
303	Sprague		4/6/2022	168
304	Sprague		4/6/2022	168
305	Sprague		4/6/2022	168
306	Baillet Ct	10	4/6/2022	168
307	Bailey Ct	opp 10	4/6/2022	168
308	Baxter	41	4/7/2022	168
309	Lexington/Melrose		4/7/2022	168
310	Melrose/Lexington	Box Chute	4/7/2022	168
311	Melrose/Lexington	Box Chute	4/7/2022	168
312	Melrose/Lexington		4/7/2022	168
313	Melrose/Lexington	Box Chute	4/7/2022	168
314	Lexington	213	4/7/2022	168
315	Lexington	210	4/7/2022	168
316	Lexington/Elmwood		4/7/2022	168
317	Lexington/Elmwood	Box Chute	4/7/2022	168
318	Lexington/Elmwood	opp side	4/7/2022	168
319	Douglas	901	4/7/2022	168
320	Douglas	909	4/7/2022	168
321	Douglas/River		4/7/2022	168
322	Douglas/river		4/7/2022	168
323	Hope/Waterman	Box Chute	4/7/2022	168
324	Waterman/Hope	Box Chute	4/7/2022	168
325	Chester/Prairie	Box Chute	4/8/2022	181
326	Prairie/Chester	Box Chute	4/8/2022	181
327	Prairie/Chester	Box Chute	4/8/2022	181
328	Glenham/Prairie	Box Chute	4/8/2022	181
329	Glenham/Prairie	Box Chute	4/8/2022	181
330	Roosevelt/Webster	Box Chute	4/8/2022	181
331	Roosevelt/Webster	Box Chute	4/8/2022	181
332	Eddy/Washington	chute	4/8/2022	181
333	Potters/Hamilton		4/8/2022	180
334	Prairie/Blackstone	Box Chute	4/8/2022	180
335	Prairie/Blackstone	Box Chute	4/8/2022	180

CATCH_BASIN_CLEANING

	A	B	C	D
336	Blackstone/ Prairie		4/8/2022	180
337	Blackstone/Prairie	Box Chute	4/8/2022	180
338	Blackstone/Prairie	Box Chute	4/8/2022	180
339	Cimstock/Prairie	Box Chute	4/8/2022	181
340	Prairie/Comstock	Box Chute	4/8/2022	181
341	Blackstone/Prairie	central	4/8/2022	180
342	Robinson/Prairie	Box Chute	4/8/2022	180
343	Willard/Prasirie	Box Chute	4/8/2022	180
344	Prairie/Willard	Box Chute	4/8/2022	180
345	Willard/Prairie	opp side	4/8/2022	180
346	Pemberton	35	4/11/2022	168
347	Pemberton	opp 35	4/11/2022	168
348	Hendrick	42	4/11/2022	168
349	Hendrick	41	4/11/2022	168
350	Pamona/Pemberton		4/11/2022	168
351	Pamona/Pemberton	opp side	4/11/2022	168
352	Pamona	38	4/11/2022	168
353	Stewart	93	4/11/2022	168
354	Stewart	opp 93	4/11/2022	168
355	Lenox	31	4/12/2022	168
356	Lenox	32	4/12/2022	168
357	Emerson/Lenox	Box Chute	4/12/2022	168
358	Emerson/Lenox		4/12/2022	168
359	Pocasset	240	4/13/2022	168
360	Pocassert	240	4/13/2022	168
361	Pocasset	240	4/13/2022	168
362	Wayland	131	4/13/2022	168
363	Camp/Only		4/14/2022	168
364	Carrington/Camp		4/14/2022	168
365	Carrington/Camp		4/14/2022	168
366	Carrington/Camp		4/14/2022	168
367	Carrington/Camp		4/14/2022	168
368	Carrington	34	4/14/2022	168
369	Carrington	34 bc	4/14/2022	168
370	Camp/Carrington		4/14/2022	168
371	Camp/Lippett		4/14/2022	168
372	Howell	opp 182	4/14/2022	168
373	Howell	177	4/14/2022	168
374	Howell	opp 177	4/14/2022	168
375	Camp	pole21	4/14/2022	168
376	Doyle	112	4/14/2022	168
377	Doyle	opp 112	4/14/2022	168
378	Doyle/camp		4/14/2022	168
379	Doyle / Camp	Box Chute	4/14/2022	168
380	Camp	pole 13	4/14/2022	168
381	Camp	pole 14	4/15/2022	168
382	Camp	pole 13 bc	4/15/2022	168
383	Camp	opp pole 13	4/15/2022	168

CATCH_BASIN_CLEANING

	A	B	C	D
384	Camp	opp pole 11	4/15/2022	168
385	Camp/Carrington		4/15/2022	168
386	Camp/Onley		4/15/2022	168
387	Greeley/Russo		4/15/2022	168
388	Greeley/Russo	opp side	4/15/2022	168
389	Russo/Greeley		4/15/2022	168
390	Russo/Greeley	opp side	4/15/2022	168
391	Greeley	114	4/15/2022	168
392	Charles	200	4/18/2022	168
393	Charles	200	4/18/2022	168
394	Charles	200	4/18/2022	168
395	Charles	200	4/18/2022	168
396	Greeley	45	4/18/2022	168
397	Greeley	44	4/18/2022	168
398	Greeley/Opper		4/18/2022	168
399	Opper/Greeley		4/18/2022	168
400	Silver Lake Ave	87	4/20/2022	168
401	Prudence/Silver Lake		4/20/2022	168
402	Pamona	38	4/20/2022	168
403	Pamona/Pemberton		4/20/2022	168
404	Pemberton	76	4/20/2022	168
405	Pemberton/Fairview		4/20/2022	168
406	Fairview/Pemberton		4/20/2022	168
407	Fairview/Pemberton	opp side	4/20/2022	168
408	Fairview/Pemberton		4/20/2022	168
409	Fairview/Pemberton		4/20/2022	168
410	Pemberton/Dover		4/20/2022	168
411	Dover	35	4/20/2022	168
412	Dover	35	4/20/2022	168
413	Pemberton/Beaufort		4/22/2022	168
414	Pemberton	37	4/22/2022	168
415	Pemberton	2	4/22/2022	168
416	Roanoke	38	4/22/2022	168
417	Beaufort	38	4/22/2022	168
418	Beaufort/Pemberton		4/22/2022	168
419	Beaufort/Pemberton		4/22/2022	168
420	Pemberton/Dover		4/22/2022	168
421	Dover	34	4/22/2022	168
422	Dover/Pemberton		4/22/2022	168
423	Pemberton/Fairview		4/22/2022	168
424	Pemberton/Fairview	Box Chute	4/22/2022	168
425	Armington	42	4/22/2022	168
426	Armington	opp 42	4/22/2022	168
427	Douglas	792	4/23/2022	168
428	Douglas	792 bc	4/23/2022	168
429	Douglas	792	4/23/2022	168
430	Eaton/Douglas		4/23/2022	168
431	Veazie	198	4/23/2022	168

CATCH_BASIN_CLEANING

	A	B	C	D
432	Pleasant Valley Parkway	646 tw	4/23/2022	168
433	Pleasant Valley Parkway	tree well	4/23/2022	168
434	Roanoke	82	4/23/2022	168
435	Carleton/Chalkstone		4/23/2022	168
436	Belmont/carleton		4/23/2022	168
437	Belmont/carleton	opp side	4/23/2022	168
438	Roanoke/Carleton		4/23/2022	168
439	Beaufort	91	4/25/2022	168
440	Beaufort	88	4/25/2022	168
441	Carleton	72	4/25/2022	168
442	Dover/Carleton		4/25/2022	168
443	Dover/Carleton	opp side	4/25/2022	168
444	Carleton/Dover		4/25/2022	168
445	Fairview	52	4/25/2022	168
446	Fairview	55	4/25/2022	168
447	Carleton	opp 108	4/25/2022	168
448	Chaucer/Carleton		4/25/2022	168
449	Chaucer/Carleton	opp side	4/25/2022	168
450	Carleton	127	4/25/2022	168
451	India St	post 3	4/26/2022	168
452	India St	post 6	4/26/2022	168
453	India St	post 7	4/26/2022	168
454	India St	post 183209	4/26/2022	168
455	India St	before bridge	4/26/2022	168
456	India St	under bridge	4/26/2022	168
457	India St	underpass	4/26/2022	168
458	India St	after bridge	4/26/2022	168
459	India St		4/26/2022	168
460	India St		4/26/2022	168
461	India St	parking lot	4/26/2022	168
462	India St		4/26/2022	168
463	India St		4/26/2022	168
464	India St		4/26/2022	168
465	India St	near hotel	4/26/2022	168
466	India St	near hotel	4/26/2022	168
467	Vernon/Batthey		4/27/2022	168
468	Vernon/Batthey	Box Chute	4/27/2022	168
469	Vernon/Batthey	opp side	4/27/2022	168
470	Batthey/Vernon		4/27/2022	168
471	Vernon/Batthey		4/27/2022	168
472	Batthey/vernon	Box Chute	4/27/2022	168
473	Carpenter/Batthey		4/27/2022	168
474	Carpenter	186	4/27/2022	168
475	Batthey/Carpenter		4/27/2022	168
476	Carpenter/Batthey	opp side	4/27/2022	168
477	Carpenter	opp 186	4/27/2022	168
478	Washington	487	4/27/2022	168
479	Cleavland	138	4/28/2022	168

CATCH_BASIN_CLEANING

	A	B	C	D
480	Cleavland/Laurel Hill		4/28/2022	168
481	Syacruse/Laurel Hill		4/28/2022	168
482	Eastwood/Laurel Hill		4/28/2022	168
483	Bodell/Hartford		4/28/2022	168
484	Bodell	16	4/28/2022	168
485	Bodell	8	4/28/2022	168
486	Bodell	1	4/28/2022	168
487	Bodell/Hartford	opp side	4/28/2022	168
488	Pleasant/Camp		4/28/2022	168
489	Killingly/Sunset	Box Chute	4/30/2022	168
490	Killingly/Sunset		4/30/2022	168
491	Sunset/Killingly		4/30/2022	168
492	Sunset/Killingly		4/30/2022	168
493	Sunset/Killingly		4/30/2022	168
494	Sunset/Killingly		4/30/2022	168
495	Sunset/Springfield		4/30/1933	168
496	Sunset/Springfield		4/30/2022	168
497	Wolf/Ophelia		4/30/2022	168
498	Roger Williams/Reservoir		4/30/2022	168
499	Reservoir/Roger Williams	Box Chute	4/30/2022	168
500	Reservoir/Roger Williams		4/30/2022	168
501	Miller/Broad		4/30/2022	168
502	Miller	opp 36	4/30/2022	168
503	Miller	opp 130	4/30/2022	168
504	Miller	opp 154	4/30/2022	168
505	Miller	opp 178	4/30/2022	168
506	Miller	178	4/30/2022	168
507	Miller	near 178	4/30/2022	168
508	Miller	152	4/30/2022	168
509	Miller	124	4/30/2022	168
510	Miller	34	4/30/2022	168
511	Miller	8	4/30/2022	168
512	Adelade/Atlantic		4/30/2022	168
513	Wolfe St	35	5/2/2022	168
514	Sunset	189	5/2/2022	168
515	Ellenfield/Allens		5/2/2022	168
516	Baker	155	5/2/2022	168
517	Ellenfield/Allens	opp side	5/2/2022	168
518	Vandewater	81	5/2/2022	168
519	Vandewater	opp 81	5/2/2022	168
520	Potters/Niagara		5/3/2022	168
521	Potters/Niagara		5/3/2022	168
522	Rowan	71	5/3/2022	168
523	Rowan	71	5/3/2022	168
524	Rowan	opp 71	5/3/2022	168
525	Sumter	2	5/3/2022	168
526	Emmerson/Sumter		5/3/2022	168
527	Emmerson/Sumter	opp side	5/3/2022	168

CATCH_BASIN_CLEANING

	A	B	C	D
528	Sumter	37	5/3/2022	168
529	Sumter	45	5/3/2022	168
530	Harrison/Cranston		5/4/2022	168
531	Harrison/Wilson		5/4/2022	168
532	Harrison/Warren		5/4/2022	168
533	Harrison/Westfield		5/4/2022	168
534	Harrison/Sprague		5/4/2022	168
535	Harrison/Sprague	opp side	5/4/2022	168
536	Sprague/Harrison		5/4/2022	168
537	Harrison/Westfield		5/4/2022	168
538	Harrison/Warren	Box Chute	5/4/2022	168
539	Warren/Harrison		5/4/2022	168
540	Warren/Harrison		5/4/2022	168
541	Harrison/Wilson	Box Chute	5/4/2022	168
542	Wilson/Harrison		5/4/2022	168
543	Wilson/Harrison	opp side	5/4/2022	168
544	Wilson/Harrison		5/4/2022	168
545	Lester/Harrison		5/4/2022	168
546	Lester/Harrison		5/4/2022	168
547	Lester/Harrison		5/4/2022	168
548	Broadway/Bradford		5/4/2022	168
549	Bradford/Broadway		5/4/2022	168
550	Bradford/Broadway		5/4/2022	168
551	Bradford/Broadway		5/4/2022	168
552	Mathewson/Westminster		5/14/2022	168
553	Westminster	300	5/14/2022	168
554	Orms	333	5/14/2022	168
555	Orms/Bath		5/14/2022	168
556	Eddy/Cass		5/14/2022	168
557	Eddy/Cass	opp side	5/14/2022	168
558	Ralston/Langdon		5/18/2022	168
559	Ralston/Langdon	opp side	5/18/2022	168
560	Udel/Langdon		5/18/2022	168
561	Udel/Langdon	opp side	5/18/2022	168
562	Prosper/Langdon		5/18/2022	168
563	Prosper/Langdon		5/18/2022	168
564	Mcgregor/Langdon		5/18/2022	168
565	Mcgregor/Langdon	opp side	5/18/2022	168
566	Wood	63 bc	5/20/2022	168
567	Wood	63	5/20/2022	168
568	Sycamore/Wood		5/20/2022	168
569	Eaton	417	5/21/2022	168
570	Eaton	417 bc	5/21/2022	168
571	Sharon/Eaton		5/21/2022	168
572	Sharon/Eaton		5/21/2022	168
573	Sharon/Eaton	opp side	5/21/2022	168
574	Sharon/Eaton	opp side	5/21/2022	168
575	Eaton	opp 417	5/21/2022	168

CATCH_BASIN_CLEANING

	A	B	C	D
576	Eaton	opp 417 bc	5/21/2022	168
577	Eaton/Smith		5/21/2022	168
578	Eaton	opp 435	5/21/2022	168
579	Eaton	opp 435 bc	5/21/2022	168
580	Salmon	25	5/21/2022	168
581	Eatyon/Jastrum	Box Chute	5/21/2022	168
582	Eaton	opp 481 bc	5/21/2022	168
583	Eaton / Nelson	Box Chute	5/21/2022	168
584	Eaton	481	5/21/2022	168
585	Jastram	73	5/23/2022	168
586	Moorland/Jastram		5/23/2022	168
587	Moorland/Jastram		5/23/2022	168
588	Moorland/Jastram	opp side	5/23/2022	168
589	Moorland/Jastram	opp side	5/23/2022	168
590	Moorland	33	5/23/2022	168
591	Moorland/River		5/23/2022	168
592	Moorland/River	opp side	5/23/2022	168
593	Moorland/River		5/23/2022	168
594	Moorland	33 bc	5/23/2022	168
595	Moorland/Jastram	chute	5/23/2022	168
596	Oxford	295	5/24/2022	168
597	Lorimar	84	5/24/2022	168
598	Lorimar	74	5/24/2022	168
599	Lorimar	76	5/24/2022	168
600	Lorimar	opp 76	5/24/2022	168
601	Lorimar	32	5/24/2022	168
602	Lorimar	56	5/24/2022	168
603	Lorimar	57	5/24/2022	168
604	Lorimar	100	5/24/2022	168
605	Lynde	opp 9	5/25/2022	168
606	Lynde	opp 9	5/25/2022	168
607	Lynde	22	5/25/2022	168
608	Lynde	50	5/25/2022	168
609	Lynde	70	5/25/2022	168
610	Lynde	71	5/25/2022	168
611	Lynde	45	5/25/2022	168
612	Lynde	9	5/25/2022	168
613	Longwood/Smith		5/25/2022	168
614	Longwood	17	5/25/2022	168
615	Longwood	55	5/25/2022	168
616	Longwood/Isabella		5/25/2022	168
617	Longwood	115	5/25/2022	168
618	Longwood	opp 115	5/25/2022	168
619	Longwood	86	5/25/2022	168
620	Longwood	60	5/25/2022	168
621	Longwood	60	5/25/2022	168
622	Hope/Lauriston		6/1/2022	54
623	Hope/Lauriston		6/1/2022	54

CATCH_BASIN_CLEANING

	A	B	C	D
624	Hope/Lauriston	opp side	6/1/2022	54
625	Hope/Lauriston	opp side	6/1/2022	54
626	Carleton/Dover	Box Chute	6/2/2022	54
627	Pomona/Carleton	Box Chute	6/2/2022	54
628	Hendrick	91	6/2/2022	54
629	Hendrick	93	6/2/2022	54
630	Yale/carleton		6/2/2022	54
631	Yale/carleton	opp side	6/2/2022	54
632	Carleton	201	6/2/2022	54
633	Carleton/Atwells		6/2/2022	54
634	Broad	130	6/3/2022	54
635	Gallup/Prairie		6/3/2022	54
636	Ocean	22	6/3/2022	54
637	Salisbury/Ocean	Box Chute	6/3/2022	54
638	Cahill/Trask		6/3/2022	54
639	Cahill/Swan	Box Chute	6/3/2022	54
640	Swan/Cahill		6/3/2022	54
641	Cahill/Ashmont	Box Chute	6/3/2022	54
642	Ashmont/Cahill		6/3/2022	54
643	Hathaway	opp 68	6/6/2022	54
644	Hathaway/Elmwood		6/6/2022	54
645	Hathaway/Elmwood		6/6/2022	54
646	Bissel	62 bc	6/6/2022	54
647	Bissel	57 bc	6/6/2022	54
648	Bissel	47	6/6/2022	54
649	Bissel/Elmwood		6/6/2022	54
650	Spooner/Stanford		6/6/2022	54
651	Spooner	9	6/6/2022	54
652	Spooner/Elmwood		6/6/2022	54
653	Spooner/Elmwood	opp side	6/6/2022	54
654	Sawyer/Elmwood		6/6/2022	54
655	Sawyer/Elmwood		6/6/2022	54
656	Sawyer/Elmwood		6/6/2022	54
657	Sawyer/Elmwood	opp side	6/6/2022	54
658	Sawyer/Elmwood	opp side	6/6/2022	54
659	Whipple	30	6/6/2022	54
660	Whipple	30	6/6/2022	54
661	Dorothy	17	6/7/2022	54
662	Dorothy	17	6/7/2022	54
663	Dorothy	25	6/7/2022	54
664	Dorothy	20-22	6/7/2022	54
665	Dorothy	18	6/7/2022	54
666	Dorothy	18	6/7/2022	54
667	Thurston		6/7/2022	54
668	Thutston		6/7/2022	54
669	Thurston		6/7/2022	54
670	Thurston	12	6/7/2022	54
671	Thurston/Netop		6/7/2022	54

CATCH_BASIN_CLEANING

	A	B	C	D
672	Netop Dr	2	6/7/2022	54
673	Netop Dr	3	6/7/2022	54
674	Thurston/Elmwood		6/7/2022	54
675	Ardoene	33	6/13/2022	54
676	Ardoene	33	6/13/2022	54
677	Pembroke/Smith		6/13/2022	54
678	Pembroke	127	6/13/2022	54
679	Pembroke	128	6/13/2022	54
680	Pembroke	96	6/13/2022	54
681	Pembroke/Smith		6/13/2022	54
682	Pembroke	30	6/13/2022	54
683	Putnam	105	6/13/2022	54
684	Putnam	105	6/13/2022	54
685	Amhearst/Putnam		6/13/2022	54
686	Amhearst/Putnam	opp side	6/13/2022	54
687	Amhearst/Putnam		6/13/2022	54
688	Amhearst/Putnam		6/13/2022	54
689	Putnam	59	6/13/2022	54
690	Putnam/Atwells		6/14/2022	54
691	Putnam/Atwells	opp side	6/14/2022	54
692	Grove/Valley		6/14/2022	54
693	Grove/Valley		14-Jun	54
694	Valley/Delaine		6/14/2022	54
695	Valley/Delaine	box chute	6/14/2022	54
696	Delaine/Valley	central	6/14/2022	54
697	Delaine/Valley	Box Chute	6/14/2022	54
698	Delaine/Valley	Box Chute	6/14/2022	54
699	Delaine/Valley	Box Chute	6/14/2022	54
700	Valley/Delaine	Box Chute	6/14/2022	54
701	Georgia	225	6/15/2022	54
702	Georgia	opp 225	6/15/2022	54
703	Plainfield	850	6/16/2022	54
704	Job	82	6/16/2022	54
705	Channing	39	6/16/2022	54
706	Payton	155	6/16/2022	54
707	Cactus/Payton		6/21/2022	54
708	Brattle	22	6/21/2022	54
709	Brattle	opp 22	6/21/2022	54
710	Washington	425	6/21/2022	54
711	Washington/Winter		6/21/2022	54
712	Washington/Winter	opp side	6/21/2022	54
713	Winter/Washington		6/21/2022	54
714	Ocean/Colefax		6/21/2022	54
715	Ocean/Colefax		6/21/2022	54
716	Washington/Dean		6/23/2022	54
717	Washington/Batthey		6/23/2022	54
718	WashingtonSt	opp 498	6/23/2022	54
719	Washington St	opp425	6/23/2022	54

CATCH_BASIN_CLEANING

	A	B	C	D
720	Washington/Empire		6/23/2022	54
721	Washington/Clemence		6/23/2022	54
722	Washington/Union		6/23/2022	54
723	Washington/Eddy		6/23/2022	54
724	Washington/Eddy	opp side	6/23/2022	54
725	Washington/Eddy		6/23/2022	54
726	Washington/Matewson		6/23/2022	54
727	Washington/Matewson		6/23/2022	54
728	Washington/Snow		6/23/2022	54
729	Washington/Adrian/Hallway		6/23/2022	54
730	Jenkins	112	6/23/2022	54
731	Jenkins/Knowles way		6/23/2022	54
732	Murray	58	6/28/2022	54
733	Linwood	139	6/28/2022	54
734	Brattle	22	6/28/2022	54
735	Brattle/Benedict		6/28/2022	54
736	Chalkstone	1372	6/28/2022	54
737	Chalkstone	1372 bc	6/28/2022	54
738	Chalkstone	opp 1372	6/28/2022	54
739	Chalkstone	opp1372 bc	6/28/2022	54
740	Chalkstone	1377	6/28/2022	54
741	Arch	35	6/29/2022	54
742	Arch	35 bc	6/29/2022	54
743	Arch / Elmwood		6/29/2022	54
744	Arch/Elmwood		6/29/2022	54
745	Chalkstone	419	6/30/1933	54
746	Chalkstone@Smith		6/30/2022	54
747	Chalkstone@Camden		6/30/2022	54
748	Narragansett/Woodman		6/30/2022	180
749	Sackett	62	6/30/2022	54
750	Sackett	opp 62	6/30/2022	54
751	Emerson	99	6/30/2022	54
752	Emerson	opp, 9	6/30/2022	54
753	Sackett	53	7/1/2022	54
754	Sackett	56	7/1/2022	54
755	Duxbury	40	7/1/2022	54
756	Hanover	69	7/1/2022	54
757	Arch		7/1/2022	54
758	Arch		7/1/2022	54
759	Arch	42	7/1/2022	54
760	Arch/Elmwood		7/1/2022	54
761	Arch/Elmwood		7/1/2022	54
762	Arch/Elmwood		7/1/2022	54
763	Arch/Elmwood		7/1/2022	54
764	Jillson/Oconnor		7/6/2022	54
765	Jillson/Oconnor		7/6/2022	54
766	Jillson/Oconnor	opp side	7/6/2022	54
767	Jillson/Oconnor	box chute	7/6/2022	54

CATCH_BASIN_CLEANING

	A	B	C	D
768	Oconnor/Jillson	box chute	7/6/2022	54
769	Oconnor/Jillson	box chute	7/6/2022	54
770	Smith/Jastram		7/7/2022	54
771	Gridley/Bismark		7/7/2022	54
772	Cranston/Wadsworth		7/8/2022	54
773	Hospital/Basset		7/8/2022	54
774	Hospital/Basset		7/8/2022	54
775	Rochambeau	150	7/8/2022	54
776	Modena/Smith		7/12/2022	168
777	Modena/Smith	opp side	7/12/2022	168
778	Modena	25	7/12/2022	168
779	Modena	49	7/12/2022	168
780	Modena	69	7/12/2022	168
781	Modena	135	7/12/2022	168
782	Modena	179	7/12/2022	168
783	Modena	179	7/12/2022	168
784	Sprague/Fuller		7/22/2022	168
785	Fuller/Sprague		7/22/2022	168
786	Fuller/Sprague	box chute	7/22/2022	168
787	Sprague/Harrison		7/22/2022	168
788	Harrison/Sprague		7/22/2022	168
789	Harrison/Sprague		7/22/2022	168
790	Sprague	79	7/22/2022	168
791	Sprague	80	7/22/2022	168
792	Cumberland/Admiral		7/25/2022	168
793	Cumberland/Admiral		7/25/2022	168
794	Admiral/Cumberland	box chute	7/25/2022	168
795	Cumberland/Admiral		7/25/2022	168
796	Cumberland/Admiral	opp side	7/25/2022	168
797	Cumberland/Admiral	opp side	7/25/2022	168
798	Webster/Pocassett		7/26/2022	168
799	Webster/Pocassett	Box Chute	7/26/2022	168
800	Webster/Pocassett	opp side	7/26/2022	168
801	Magnolia/Webster	Box Chute	7/26/2022	168
802	Magnolia/Webster		7/26/2022	168
803	Pocassett/Webster		7/26/2022	168
804	Pocassett/Webster	box chute	7/26/2022	168
805	Pocassett/Webster	opp side	7/26/2022	168
806	Whitehall/Union		7/26/2022	168
807	Whitehall/Union	box chute	7/26/2022	168
808	Whitehall/Union		7/26/2022	168
809	Whitehall/Union		7/26/2022	168
810	Union/Whitehall		7/26/2022	168
811	Union/Whitehall		7/26/2022	168
812	Union/Whitehall		7/26/2022	168
813	Whitehall/Union	box chute	7/26/2022	168
814	Webster/Pocassett	chute	7/26/2022	168
815	Public/Plain		7/26/2022	168

CATCH_BASIN_CLEANING

	A	B	C	D
816	Public/Plain	opp side	7/26/2022	168
817	Moore	69	8/1/2022	168
818	Broad	127	8/1/2022	168
819	Broad	127 bc	8/1/2022	168
820	Sunset/Lecia		8/1/2022	168
821	Sunset	48	8/1/2022	168
822	Sunset	48	8/1/2022	168
823	Rutland/Elmwood		8/3/2022	168
824	Charles/Branch		8/3/2022	168
825	Branch/Charles		8/3/2022	168
826	Sterling/Cummorford		8/3/2022	168
827	Sterling/Cummorford		8/3/2022	168
828	Sterling	57	8/3/2022	168
829	Sterling	opp 57	8/3/2022	168
830	Judith	60	8/3/2022	168
831	Angell	690	8/9/2022	168
832	Parkside/Angell	box chute	8/9/2022	168
833	Parkside/Angell		8/9/2022	168
834	W.Clifford	85	8/9/2022	168
835	Pearl/W. Clifford		8/9/2022	168
836	W.Clifford	opp 85	8/9/2022	168
837	W.Clifford		8/9/2022	168
838	W.Clifford		8/9/2022	168
839	Thorne/Belmont		8/10/2022	168
840	Thorne/Belmont		8/10/2022	168
841	Belmont/Thorne		8/10/2022	168
842	Lester/Gilmore	central	8/10/2022	168
843	Lester/Gilmore	box chute	8/10/2022	168
844	Lester/Gilmore	box chute	8/10/2022	168
845	Gilmore/Lester	box chute	8/10/2022	168
846	Gilmore/Lester	box chute	8/10/2022	168
847	Clarence/Priscilla	box chute	8/11/2022	168
848	Clarence/Priscilla	box chute	8/11/2022	168
849	Priscilla/Clarence	box chute	8/11/2011	168
850	Priscilla/Clarence	box chute	8/11/2022	168
851	Priscilla/Clarence	central	8/11/2022	168
852	Elmgrove	75	8/12/2022	168
853	Elmgrove	opp 75	8/12/2022	168
854	Silver Lake Ave	87	8/12/2022	168
855	Cranston/Gilmore		8/15/2022	168
856	Cranston	opp 308	8/15/2022	168
857	Cranston	opp 324	8/15/2022	168
858	Cranston/Dexter		8/15/2022	168
859	Cranston/Dexter		8/15/2022	168
860	Cranston	323	8/15/2022	168
861	Dexter/Cranston		8/15/2022	168
862	Cranston/Dexter	box chute	8/15/2022	168
863	Dexter/Cranston	box chute	8/15/2022	168

CATCH_BASIN_CLEANING

	A	B	C	D
864	Diamond/Superior		8/18/2022	168
865	Diamond/Sprague		8/18/2022	168
866	Diamond	58	8/18/2022	168
867	Diamond/Playground		8/18/2022	168
868	Diamond	28	8/18/2022	168
869	Diamond	27	8/18/2022	168
870	Diamond	53	8/18/2022	168
871	Parade	170	8/18/2022	168
872	Parade	opp 170	8/18/2022	168
873	Providence/Linden		8/18/2022	168
874	Oconnor/Baker	central	8/22/2022	168
875	Baker	213	8/22/2022	168
876	Baker/Oconnor	box chute	8/22/2022	168
877	Oconnor/Baker	box chute	8/22/2022	168
878	Oconnor	213 bc	8/22/2022	168
879	Chalkstone	544	8/22/2022	168
880	Chalkstone	544	8/22/2022	168
881	Chalkstone	544	8/22/2022	168
882	Atwells Ave	133	8/22/2022	168
883	Cranston St	562	8/23/2022	168
884	Cranston	562	8/23/2022	168
885	Cranston	opp 562	8/23/2022	168
886	Waverly/Cranston		8/23/2022	168
887	Cranston/Waverly	box chute	8/23/2022	168
888	Hope/Glendale		8/23/2022	180
889	Hope/Burlington		8/23/2022	180
890	Falconer/Sinclair		8/23/2022	180
891	Falconer/Sinclair		8/23/2022	180
892	Sinclair/Falconer		8/23/2022	180
893	Sinclair/Falconer		8/23/2022	180
894	Sinclair/Falconer		8/23/2022	180
895	Falconer/Sinclair	central	8/23/2022	180
896	West Clifford	83	8/23/2022	180
897	West Clifford	83	8/23/2022	180
898	Lynde	77	8/25/2022	180
899	Lynde	opp 77	8/25/2022	180
900	Messina	77	8/25/2022	180
901	Knight/Broadway		8/25/2022	168
902	Messina	80	8/25/2022	168
903	Augusta	1	8/26/2022	168
904	Augusta	1	8/26/2022	168
905	Admiral	598	8/26/2022	168
906	Cumberland St		8/26/2022	168
907	Emerson	99	8/26/2022	168
908	Emerson	opp 99	8/26/2022	168
909	Broad	1262	8/26/2022	168
910	Broad/Parkview	1262 bc	8/26/2022	168
911	John	88	8/29/2022	54

CATCH_BASIN_CLEANING

	A	B	C	D
912	John	opp 88	8/29/2022	54
913	Bowen/Brown		8/29/2022	54
914	Brown/Bowen		8/29/2022	54
915	North Main	126	8/29/2022	54
916	Bowen/Brown		8/29/2022	54
917	Linwood Ave	177	8/29/2022	54
918	Warrington	173	8/29/2022	54
919	New Your Ave	140	8/29/2022	54
920	New York Ave	opp 140	8/29/2022	54
921	Meeting/North Main		8/29/2022	54
922	Meeting/North Main		8/29/2022	54
923	Allens Ave	700	8/30/2022	54
924	Ives/Wickenden		8/30/2022	54
925	Ives/Wickenden		8/30/2024	54
926	Wickenden/Ives		8/30/2022	54
927	Ives/Wickenden		8/30/2022	54
928	Ives St Boys/Girls club		8/30/2022	54
929	Roosevelt	169	8/30/2022	54
930	North main Meeting		8/30/2022	54
931	North Main/Meeting		8/30/2022	54
932	Suffolk/Salina		8/31/2022	54
933	Suffolk/Salina		8/31/2022	54
934	Salina/Suffolk		8/31/2022	54
935	Salina/Suffolk	box chute	8/31/2022	54
936	Benefit/Meeting		8/31/2022	54
937	Benefit/Meeting		8/31/2022	54
938	Benefit	176	8/31/2022	54
939	w Clifford	opp 83	8/31/2022	54
940	Knight	292	8/31/2022	54
941	Cypress/Camp		9/1/2022	54
942	w Clifford	83	9/1/2022	54
943	Grotto/Clarendon		9/2/2022	54
944	Grotto/Clarendon		9/2/2022	54
945	E george/wayland		9/2/2022	54
946	E george/wayland		9/2/2022	54
947	Parkway		9/6/2022	54
948	Depasquale	119 bc	9/6/2022	54
949	Nathanael greene		9/6/2022	54
950	Nathanael greene		9/6/2022	54
951	Chalkstone Ave davis pak		9/6/2022	54
952	Davis park		9/6/2022	54
953	Garfield/Chalkstone		9/6/2022	54
954	Garfield/Chalkstone		9/6/2022	54
955	Pamonna/Carleton		9/6/2022	54
956	Pamonna/Carleton		9/6/2022	54
957	Pamonna/Carleton		9/6/2022	54
958	Stanton/Union		9/6/2022	54
959	Stanton/Union		9/6/2022	54

CATCH_BASIN_CLEANING

	A	B	C	D
960	Prudence/Stanton		9/6/2022	54
961	Prudence/Stanton		9/6/2022	54
962	Hamilton/Potters		9/6/2022	54
963	Hamilton/Potters		9/6/2022	54
964	Hamilton/Potters		9/6/2022	54
965	Hamilton/Potters		9/6/2022	54
966	Hamilton/Potters	box chute	9/6/2022	54
967	Parkside Dr	48	9/8/2022	54
968	Parkside Dr	48	9/8/2022	54
969	Parkside Dr	opp 48	9/8/2022	54
970	Parkside Dr	51	9/8/2022	54
971	Thurston	58	9/8/2022	54
972	Thurston/Elmwood		9/8/2022	54
973	Thurston/Elmwood	opp side	9/8/2022	54
974	Warrington		9/8/2022	54
975	Warrington	63 bc	9/8/2022	54
976	Sackett	75	9/8/2022	54
977	Sackett	209	9/8/2022	54
978	Potters/Niagara		9/8/2022	54
979	Potters/Niagara		9/8/2022	54
980	Potters/Niagara	box chute	9/8/2022	54
981	Potters/Niagara	box chute	9/8/2022	54
982	Westminster/Mathewson		9/9/2022	54
983	Westminster/Chapel		9/9/2022	54
984	Weatminster/Chapel	box chute	9/9/2022	54
985	Westminster		9/9/2022	54
986	Salmon		9/9/2022	54
987	Elbow	15	9/12/2022	54
988	Elbow/Chestnut	box chute	9/12/2022	54
989	Alger	71	9/12/2022	54
990	Alger	71	9/12/2022	54
991	Alger	opp 71	9/12/2022	54
992	Byfield	115	9/12/2022	54
993	Rugby/Byfield		9/12/2022	54
994	Rugby/Byfield	opp side	9/12/2022	54
995	Byfield/Rugby		9/12/2022	54
996	6th	137	9/12/2022	54
997	6th	opp 137	9/12/2022	54
998	Roanoke/Leah		9/12/2022	54
999	Roanoke/Leah		9/12/2022	54
1000	Leah	194	9/12/2022	54
1001	Bowen/Brown		9/12/2022	54
1002	President	81	9/13/2022	54
1003	President	81	9/13/2022	54
1004	President	opp 81	9/13/2022	54
1005	Bowen	168	9/14/2022	54
1006	Massie	4	9/14/2022	54
1007	Massie	opp 4	9/14/2022	54

CATCH_BASIN_CLEANING

	A	B	C	D
1008	River	75 bc	9/14/2022	54
1009	River	opp 75	9/14/2022	54
1010	Alston/River		9/14/2022	54
1011	Alston/River	opp side	9/14/2022	54
1012	Alston	145	9/14/2022	54
1013	Alston	opp 145	9/14/2022	54
1014	Alston/Robin	box chute	9/14/2022	54
1015	Aldrich	100	9/15/2022	54
1016	Hope St	179	9/15/2022	54
1017	Manning@ Hope	central	9/15/2022	54
1018	20 Earnest st	central	9/15/2022	54
1019	20 earnest St	central	9/15/2022	54
1020	Admiral St	10	9/16/2022	54
1021	Oriental	opp 85	9/16/2022	168
1022	Oriental	opp 85	9/16/2022	168
1023	Oriental	opp 85	9/16/2022	168
1024	Oriental	85	9/16/2022	168
1025	Oriental	85	9/16/2022	168
1026	Pocasset/Mercy		9/16/2022	168
1027	Pocasset/Mercy		9/16/2022	168
1028	Murray	53	9/16/2022	168
1029	Murray	53	9/16/2022	168
1030	Pocasset/Mercy		9/19/2022	54
1031	Brinkley	28	9/19/2022	54
1032	Brinkley	opp 28	9/19/2022	54
1033	Bucklin/Daball		9/20/2022	54
1034	Bucklin/Daball	opp side	9/20/2022	54
1035	Bucklin/Daball		9/20/2022	54
1036	Bucklin/Daball		9/20/2022	54
1037	Daball near school		9/20/2022	54
1038	Daball near school		9/20/2022	54
1039	Branch/Langdon		9/21/2022	168
1040	Branch/Langdon		9/21/2022	168
1041	Langdon/Branch		9/21/2022	168
1042	Langdon/Branch		9/21/2022	168
1043	Langdon/Branch	opp side	9/21/2022	168
1044	Langdon/Branch	opp side	9/21/2022	168
1045	Woodward/Minnesota		9/21/2022	168
1046	Woodward/Minnesota		9/21/2022	168
1047	Lancashire	61	9/21/2022	168
1048	Lynde	9	9/23/2022	168
1049	Lynde	opp 9	9/23/2022	168
1050	Lynde	opp 9	9/23/2022	168
1051	Lynde	22	9/23/2022	168
1052	Lynde	45	9/23/2022	168
1053	Lynde	46	9/23/2022	168
1054	Lynde	70	9/23/2022	168
1055	Lynde	77	9/23/2022	168

CATCH_BASIN_CLEANING

	A	B	C	D
1056	Bailey Ct	13	9/23/2022	168
1057	Bailey Ct	14	9/23/2022	168
1058	Bailey Ct		9/23/2022	168
1059	April Ct/ Smith		9/26/2022	168
1060	April Ct /Smith		9/26/2022	168
1061	Ayrault	68	9/26/2022	168
1062	Bingham	2 box chute	9/26/2022	168
1063	Bingham	2 box chute	9/26/2022	168
1064	Killingly		9/26/2022	168
1065	Killingly	78 bc	9/26/2022	168
1066	Lenox/Hamilton		9/26/2022	168
1067	Hamilton	190	9/26/2022	168
1068	Hamilton	opp 190	9/26/2022	168
1069	Lenox/Hamilton		9/26/2022	168
1070	Lenox/Hamilton		9/26/2022	168
1071	Lenox/Hamilton		9/26/2022	168
1072	Lenox/Hamilton		9/26/2022	168
1073	Rutherglen	38	9/27/2022	168
1074	Rutherglen	26	9/27/2022	168
1075	Rutherglen	19	9/27/2022	168
1076	Falconer/Rutherglen	box chute	9/27/2022	168
1077	Falconer/Rutherglen	box chute	9/27/2022	168
1078	Justice	7	9/27/2022	168
1079	Morgan	12	9/28/2022	168
1080	Morgan	opp 12	9/28/2022	168
1081	fruit Hill	187	9/28/2022	168
1082	Fruit Hill	opp 187	9/28/2022	168
1083	Fruit Hill	opp 187	9/28/2022	168
1084	Lancashire	61	9/28/2022	168
1085	Bailey Ct		9/28/2022	168
1086	Bailey Ct		9/28/2022	168
1087	Pilsudski	opp 6	9/29/2022	168
1088	Pilsudski	opp 6	9/29/2022	168
1089	Pilsudski	pole 6	9/29/2022	168
1090	Pilsudski	opp pole 6	9/29/2022	168
1091	Pilsudski	opp pole5	9/29/2022	168
1092	Pilsudski/Magnolia		9/29/2022	168
1093	Pilsudski/Magnolia		9/29/2022	168
1094	Pilsudski/Magnolia		9/29/2022	168
1095	Magnolia/Pilsudski		9/29/2022	168
1096	Magnolia/Pilsudski		9/29/2022	168
1097	Pilsudski/Magnolia		9/29/2022	168
1098	Pilsudski	pole 7	9/29/2022	168
1099	Pilsudski	pole 7	9/29/2022	168
1100	Pilsudski/Magnolia		9/29/2022	168
1101	Pilsudski/Magnolia	opp side	9/29/2022	168
1102	Wickenden/Gano		10/3/2022	54
1103	Wickenden/Gano		10/3/2022	54

CATCH_BASIN_CLEANING

	A	B	C	D
1104	Wickenden/Gano	opp side	10/3/2022	54
1105	Gano/Wickenden		10/3/2022	54
1106	Gano/Wickenden		10/3/22	54
1107	Gano/Wickenden	opp side	10/3/2022	54
1108	Gano/Wickenden	opp side	10/3/2022	54
1109	Gano/Wickenden		10/3/2022	54
1110	Gano/Wickenden		10/3/2022	54
1111	Gano/Wickenden	pole 8	10/3/2022	54
1112	Gano/Wickenden	opp pole 8	10/3/2022	54
1113	Trenton/gano		10/3/2022	54
1114	DiPinedo		10/3/2022	54
1115	DiPinedo		10/3/2022	54
1116	Admiral	141	10/3/2022	54
1117	Grotto/channing		10/4/2022	54
1118	DePinedo	29	10/5/2022	54
1119	April Ct/Smith		10/5/2022	54
1120	Lynde	pole 42	10/5/2022	54
1121	Maynard	69	10/6/2022	54
1122	Maynard	opp 69	10/6/2022	54
1123	Maynard	78	10/6/2022	54
1124	Maynard	opp 78	10/6/2022	54
1125	Sisson	86	10/6/2022	54
1126	Sisson	opp 86	10/6/2022	54
1127	Whitford	273 bc	10/11/2022	54
1128	Whitford	273	10/11/2022	54
1129	Federal	111	10/11/2022	54
1130	Federal	111	10/11/2022	54
1131	Weeden/Federal		10/11/2022	54
1132	Weeden/Federal	opp side	10/11/2022	54
1133	Federal	opp side 111	10/11/2022	54
1134	Federal	opp side 111	10/11/2022	54
1135	Branch/Woodward		10/11/2022	54
1136	Branch/Woodward		10/11/2022	54
1137	Branch/Woodward	opp side	10/11/2022	54
1138	Cumberland	158	10/12/2022	54
1139	Cumberland	opp 158	10/12/2022	54
1140	Augusta/Cumberland		10/12/2022	54
1141	Augusta/Cumberland	opp side	10/12/2022	54
1142	Manton	185	10/12/2022	54
1143	Parade/Wood		10/12/2022	54
1144	Wood/Parade		10/12/2022	54
1145	Wood/Parade		10/12/2022	54
1146	Webster	164	10/12/2022	54
1147	Webster/Roosevelt		10/12/2022	54
1148	Webster	163	10/12/2022	54
1149	Roosevelt/Webster		10/12/2022	54
1150	Aryault	68	10/14/2022	54
1151	Murray	53	10/14/2022	54

CATCH_BASIN_CLEANING

	A	B	C	D
1152	Adelaide	125	10/17/2022	54
1153	Adalaide	125	10/17/2022	54
1154	Hamilton/Adelaide	125	10/17/2022	54
1155	Adelaide	131	10/17/2022	54
1156	Adelaide	131	10/17/2022	54
1157	Hamilton/Adelaide	opp side	10/17/2022	54
1158	Adelaide	130	10/17/2022	54
1159	Adelaide	130	10/17/2022	54
1160	Adelaide	126	10/17/2022	54
1161	Congress	93	10/17/2022	54
1162	Hamilton/Congress		10/17/2022	54
1163	Congress	95	10/17/2022	54
1164	Congress	95	10/17/2022	54
1165	Congress	op 93	10/17/2022	54
1166	Congress	opp 93	10/17/2022	54
1167	Congress	opp 95	10/17/2022	54
1168	Hamilton	84	10/19/2022	54
1169	Hamilton/Mitchell		10/19/2022	54
1170	Hamilton	95	10/19/2022	54
1171	Mitchell	opp 94	10/19/2022	54
1172	Mitchell	94	10/19/2022	54
1173	Mitchell/Hamilton		10/19/2022	54
1174	Hamilton	130	10/19/2022	54
1175	Ontario	127	10/19/2022	54
1176	Hamilton/Ontario		10/19/2022	54
1177	Pearl	233	10/19/2022	54
1178	Pearl	233	10/19/2022	54
1179	Pearl	233	10/19/2022	54
1180	Pearl	232	10/19/2022	54
1181	Pearl	232	10/19/2022	54
1182	Pearl	232	10/19/2022	54
1183	Broad/Friendship		10/20/2022	54
1184	Broad/Friendship	central	10/20/2022	54
1185	Friendship/Broad		10/20/2022	54
1186	Broad/Friendship(Dominos)		10/20/2022	54
1187	Broad/Friendship(Dominos)		10/20/2022	54
1188	Friendship/Broad		10/20/2022	54
1189	Friendship/Broad	chute	10/20/2022	54
1190	Friendship/Broad		10/20/2022	54
1191	Broad/Blackstone		10/20/2022	54
1192	Curtis	118	10/20/2022	54
1193	Curtis	118 bc	10/20/2022	54
1194	Curtis	opp 118	10/20/2022	54
1195	Curtis	opp 118	10/20/2022	54
1196	Curtis	opp 118 bc	10/20/2022	54
1197	Curtis	118 bc	10/20/2022	54
1198	Messer	118	10/21/2022	54
1199	Messer	121	10/21/2022	54

CATCH_BASIN_CLEANING

	A	B	C	D
1200	Messer	113	10/21/2022	54
1201	Messer/Wood		10/21/2022	54
1202	Messer	114	10/21/2022	54
1203	Messer	114	10/21/2022	54
1204	Messer	99	10/21/2022	54
1205	Messer	96	10/21/2022	54
1206	Messer	96	10/21/2022	54
1207	Messer/Hudson		10/21/2022	54
1208	Messer/Hudson		10/21/2022	54
1209	Eddy at California		10/21/2022	54
1210	California @ Eddy		10/21/2022	54
1211	California @ Eddy		10/21/2022	54
1212	gano/Wickenden	clean tops	10/21/2022	54
1213	Aborn	2	10/24/5/22	54
1214	Aborn	2	10/24/2022	54
1215	Aborn	2	10/24/2022	54
1216	Savoy/Elmgrove		10/24/2022	54
1217	Savoy/Elmgrove		10/24/2022	54
1218	Savoy/Elmgrove		10/24/2022	54
1219	Lincoln	50	10/24/2022	54
1220	DePasquale/Europe		10/24/2022	54
1221	DePasquale/Europe		10/24/2022	54
1222	DePasquale/Europe		10/24/2022	54
1223	Hope/12th		10/25/2022	54
1224	Hope/12th		10/25/2022	54
1225	Hawkins	115	10/25/2022	54
1226	Hawkins	115	10/25/2022	54
1227	Hawkins	115	10/25/2022	54
1228	Bradley	58	10/25/2022	54
1229	Bradley	opp 58	10/25/2022	54
1230	Bianco CT		10/25/2022	54
1231	Bianco CT		10/25/2022	54
1232	Stewart/Pine		10/26/2022	54
1233	Stewart/Pine		10/26/2022	54
1234	Stewart/Pine		10/26/2022	54
1235	Stewart/Pine		10/26/2022	54
1236	Norwich/Baxter		10/26/2022	54
1237	Pine/Stewart		10/27/2022	54
1238	RWP Casino		10/27/2022	54
1239	Pine/Stewart		10/27/2022	54
1240	Pine	270	10/27/2022	54
1241	Sinclair	53	10/27/2022	54
1242	Imperial PI	18	10/28/2022	54
1243	Imperial PI	opp 18	10/28/2022	54
1244	Imperial PI	pole2 central	10/28/2022	54
1245	Imperial PI	pole 2 chute	10/28/2022	54
1246	imperial PI	chute	10/28/2022	54
1247	Imperial PI	central	10/28/2022	54

CATCH_BASIN_CLEANING

	A	B	C	D
1248	Elm/Hospital		10/28/2022	54
1249	Elm/Hospital		10/28/2022	54
1250	Elmwood	294	10/31/2022	54
1251	Elmgrove	135	10/31/2022	54
1252	Emgrove	opp 135	10/31/2022	54
1253	Hamilton/Atlantic		10/31/2022	54
1254	Atlantic/Hamilton		10/31/2022	54
1255	Dean/W Fountain		11/1/2022	54
1256	Jewett	219	11/1/2022	54
1257	Bath/Jewett		11/1/2022	54
1258	Jewett/Bath		11/1/2022	54
1259	Jewett/Bath	box chute	11/1/2022	54
1260	Jewett/Bath		11/1/2022	54
1261	Jewett/Bath		11/1/2022	54
1262	Lloyd/Elmgrove		11/1/2022	54
1263	Plain	22	11/2/2022	168
1264	Blackstone/Steniford		11/2/2022	168
1265	Staniford/Blackstone	chute	11/2/2022	168
1266	Staniford/Blackstone		11/2/2022	168
1267	Plain	pole22	11/3/2022	54
1268	Dudley/Gay		11/3/2022	54
1269	Gay/Dudley		11/3/2022	54
1270	Blackstone/Stanford		11/3/2022	54
1271	Stanford/Blackstone	box chute	11/3/2022	54
1272	Stanford/Blackstone	opp side	11/3/2022	54
1273	Blackstone/Culver		11/3/2022	54
1274	Blackstone / Plain		11/3/2022	54
1275	Stamford	33	11/3/2022	54
1276	Stamford	pole 1	11/3/2022	54
1277	Stamford		11/3/2022	54
1278	Stanford		11/3/2022	54
1279	Stamford	pol24	11/3/2022	54
1280	California	212	11/3/2022	54
1281	Nashua/Matilda		11/7/2022	54
1282	Nashua	36	11/7/2022	54
1283	Nashua/Cemetary		11/7/2022	54
1284	Naashua/Cemetary		11/7/2022	54
1285	Nashua	opp 36	11/7/2022	54
1286	Nashua/Frost		11/7/2022	54
1287	Nashua/Frost	opp side	11/7/2022	54
1288	Frost/Nashua		11/7/2022	54
1289	Frost/Nashua		11/7/2022	54
1290	Sheldon	51	11/9/2022	54
1291	Greeley	179	11/9/2022	54
1292	Greeley	opp 179	11/9/2022	54
1293	Atlantic/Hamilton		11/9/2022	54
1294	Atlantic/Hamilton		11/9/2022	54
1295	Atlantic/Hamilton		11/9/2022	54

CATCH_BASIN_CLEANING

	A	B	C	D
1296	Atlantic/Hamilton		11/9/2022	54
1297	Hamilton/Atlantic	box chute	11/9/2022	54
1298	Hamilton/Atlantic		11/9/2022	54
1299	Cemetary	pole 5	11/9/2022	54
1300	Cemetary	pole5	11/9/2022	54
1301	Cemetary/Frost		11/9/2022	54
1302	Cemetary/Frost	opp side	11/9/2022	54
1303	Cemetary	pole 5 OS	11/9/2022	54
1304	Cemetary	pole 5 OS	11/9/2022	54
1305	Daball/Elmwood		11/14/2022	54
1306	Lincoln	24	11/14/2022	54
1307	Silver Lake / Prudence		11/14/2022	54
1308	Silver Lake / Prudence		11/14/2022	54
1309	Prudence/Silver Lake		11/15/2022	54
1310	Farmington/Silver lake		11/15/2022	54
1311	Farmington/Silver lake		11/15/2022	54
1312	Farmington/Silver lake		11/1/2022	54
1313	Silver Lake/farmington		11/15/2022	54
1314	Ontario/Elmwood		11/15/2022	54
1315	Ontario/Elmwood		11/15/2022	54
1316	Sinclair	40	11/15/2022	54
1317	Sinclair	40	11/15/2022	54
1318	Sinclair	opp 40	11/15/2022	54
1319	Sinclair	opp 40	11/15/2022	54
1320	Ethan/Murray	chute	11/16/2022	54
1321	Murray/Ethan		11/16/2022	54
1322	Murray/Ethan		11/16/2022	54
1323	Murray/Ethan		11/16/2022	54
1324	Roger Williams/Narraganset		11/16/2022	180
1325	Roger Williams/Narraganset		11/16/2022	180
1326	Chad Brown	central 116	11/17/2022	54
1327	Chad Brown	116	11/17/2022	54
1328	Chad Brown	opp 116	11/17/2022	54
1329	Chad Brown	opp 116	11/17/2022	54
1330	Elmgrove/Westford		11/17/2022	54
1331	Elmgrove	360	11/17/2022	54
1332	Westford/Elmgrove		11/17/2022	54
1333	Westford/Elmgrove		11/17/2022	54
1334	Parkway 24x24		11/17/2022	54
1335	Whitehall	96	11/21/2022	54
1336	Whitehall	opp 96	11/21/2022	54
1337	Wallace/Whitehall		11/21/2022	54
1338	Wallace/Whitehall	opp side	11/21/2022	54
1339	Wallace/Whitehall		11/21/2022	54
1340	Wallace/Whitehall		11/21/2022	54
1341	Dora	45	11/21/2022	54
1342	Dora	46	11/21/2022	54
1343	Whitehall/Dora		11/21/2022	54

CATCH_BASIN_CLEANING

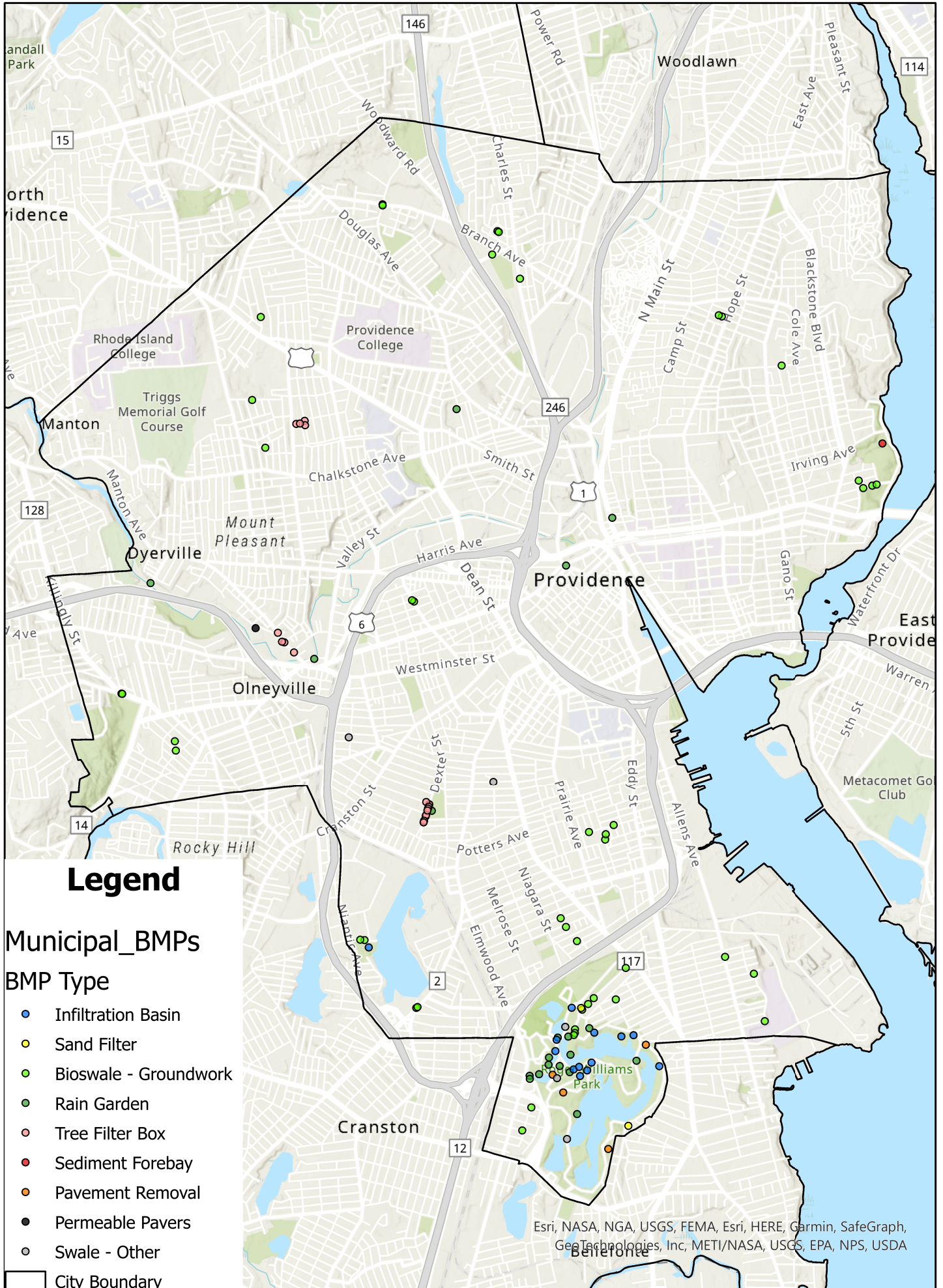
	A	B	C	D
1344	Whitehall/Dora	opp side	11/21/2022	54
1345	Webster	241	11/21/2022	54
1346	Webster	opp 241	11/21/2022	54
1347	Wrbster/Dora		11/21/2022	54
1348	Webster/Dora	opp side	11/21/2022	54
1349	Pocasset	96	11/21/2022	54
1350	Pocasset	96	11/21/2022	54
1351	Payton	155	11/21/2022	54
1352	Payton	opp 155	11/21/2022	54
1353	Cactus	88	11/21/2022	54
1354	Cactus	opp 88	11/21/2022	54
1355	Payton/Cactus		11/21/2022	54
1356	Payton/Cactus	box chute	11/21/2022	54
1357	Payton/Cactus	opp side	11/21/2022	54
1358	Payton/Cactus	opp side BC	11/21/2022	54
1359	Hathaway/Elmwood		11/28/2022	54
1360	Bissel	47	11/28/2022	54
1361	Bissel	62 BC	11/28/2022	54
1362	Bissel	opp 62 BC	11/28/2022	54
1363	Bissel	opp 47	11/28/2022	54
1364	Bissel/Elmwood		11/28/2022	54
1365	Bissel/Elmwood	opp side	11/28/2022	54
1366	Spooner	10	11/28/2022	54
1367	Adelphi/Elmgrove		11/29/2022	54
1368	Adelphi/Wayland		11/29/2022	54
1369	Adelphi/Elmgrove	opp side	11/29/2022	54
1370	Orchard/Butler		11/29/2022	54
1371	Orchard/Butler	pole #2	11/29/2022	54
1372	Orchard/Butler		11/29/2022	54
1373	Orchard/Elmgrove		11/29/2022	54
1374	Orchard PI / Orchard		11/29/2022	54
1375	Orchard PI / Orchard	box chute	11/29/2022	54
1376	Pavillion/Eddy		12/1/2022	54
1377	Eddy Pavillion		12/1/2022	54
1378	Pavillion/Eddy		12/1/2022	54
1379	Eddy/Pavillion		12/1/2022	54
1380	Eddy/Pavillion		12/1/2022	54
1381	Pavillion/Eddy	chute	12/1/2022	54
1382	Eddy/Pavillion	Storm Line	12/1/2022	54
1383	Benedict/Brattle		12/8/2022	180
1384	Brattle/Benedict		12/8/2022	180
1385	Curtis/Panay		12/8/2022	180
1386	Panay/Curtis		12/8/2022	180
1387	Panay/Curtis	chute	12/8/2022	180
1388	Curtis/Panay	chute	12/8/2022	180
1389	Curtis/Panay		12/8/2022	180
1390	Anderson/Curtis	chute	12/8/2022	180
1391	Anderson/Curtis		12/8/2022	180

CATCH_BASIN_CLEANING

	A	B	C	D
1392	Curtis/Anderson		12/8/2022	180
1393	Curtis/Anderson		12/8/2022	180
1394	Princeton/Updike	box chute	12/8/2022	180
1395	New York Ave	140	12/14/2022	180
1396	New York Ave	opp 140	12/14/2022	180
1397	Regent/River		12/14/2022	180
1398	Regent/River		12/14/2022	180
1399	Regent/River		12/14/2022	180
1400	Regent/River		12/14/2022	180
1401	Regent/River		12/14/2022	180
1402	River/Regent		12/14/2022	180
1403	Eddy/Pavillion		12/15/2022	180
1404	Pavillion/Eddy		12/15/2022	180
1405	Eddy / Pavillion		12/15/2022	180
1406	Eddy/Pavillion		12/15/2022	180
1407	Galileo	105	12/12/2022	54
1408	Galilio	Opp 105	12/22/2022	54
1409	Galilio	91	12/22/2022	54
1410	Galilio	opp 91	12/22/2022	54
1411	Galilio/Victoria		12/22/2022	54
1412	Candace	28	12/22/2022	54
1413	Candace	chute 30	12/22/2022	54
1414	Candace	opp 28	12/22/2022	54
1415	Terrace	Chute 88	12/22/2022	54
1416	Terrace	87	12/22/2022	54
1417	Terrace/Edendale		12/22/2022	54
1418	Edendale/Terrace		12/22/2022	54
1419	Oak	56	12/27/2022	54
1420	Oak	56	12/27/2022	54
1421	Sycamore/Oak	box chute	12/27/2022	54
1422	Willow/Parade		12/29/2022	54
1423	Willow/Parade		12/29/2022	54
1424	Willow/Parade	opp Side	12/29/2022	54
1425	Willow	96	12/29/2022	54
1426	Willow	opp 96	12/29/2022	54

Appendix D
Municipal Best Management
Practices (2022)

Municipally Owned Structural Best Management Practices (BMPs)



Municipal Best Management Practices in Roger Williams Park



BMP #	BMP_Name	Location	Latitude	Longitude	BMP_Type	Owner	Operator
1	Fountain/Dorrance/Eddy Intersection	Fountain St and Eddy St	41.82500611	-71.41454411	Vegetated Rain Garden	City of Providence	Unknown
2	Manton StormTree 1	Manton Ave, 95' N of Aleppo Street	41.81949615	-71.44621985	Tree Filter Box	City of Providence	Providence DPW
3	Manton StormTree 2	Chafee Street at Manton Ave, South Side	41.81870867	-71.44550925	Tree Filter Box	City of Providence	Providence DPW
4	Manton StormTree 3	Manton Ave, opposite Chafee Street	41.81876473	-71.44576775	Tree Filter Box	City of Providence	Providence DPW
5	Manton StormTree 4	Manton Ave, 80' S of Delaine Street	41.8178821	-71.4445118	Tree Filter Box	City of Providence	Providence DPW
6	Pleasant Valley Parkway Tree Filter Box 1	100' S of Mooreland Ave on eastern section of PVP	41.83692437	-71.44325836	Tree Filter Box	City of Providence	Providence Parks Department
7	Pleasant Valley Parkway Tree Filter Box 2	280' S of Mooreland Ave on eastern section of PVP	41.83656334	-71.44321753	Tree Filter Box	City of Providence	Providence Parks Department
8	Pleasant Valley Parkway Tree Filter Box 3	110' E of Academy Ave on northern section of PVP	41.83667388	-71.44418373	Tree Filter Box	City of Providence	Providence Parks Department
9	Pleasant Valley Parkway Tree Filter Box 4	195' E of Academy Ave on southern section of PVP	41.83670619	-71.44377636	Tree Filter Box	City of Providence	Providence Parks Department
10	San Souci Drive, north side	San Souci Drive (Manton Ave to Valley Street)	41.81735026	-71.44222974	Bioretention Dry Swale	City of Providence	WRWC
11	Riverside Park	Riverside Park (Aleppo Street)	41.81987954	-71.44866779	Permeable Pavers into Rain Garden	City of Providence	Providence Parks Department
12	Mashapaug/JT Owens Park	JT Owens Park near Mashapaug Pond	41.79355426	-71.43625777	Vegetated Infiltration Basin	City of Providence	Providence Parks Department
13	Merino Park	Glenbridge Ave end of Park (aka Woon. Adventure Park)	41.82358862	-71.46021221	Rain Garden into Wetland Swale	City of Providence	Parks Department
14	Ellery Street Park	Ellery Street Park	41.81089668	-71.43843516	Stone Lined Swale	City of Providence	Parks Department
15	Conley Stadium	Tennis Courts	41.82893051	-71.40945653	Rain Garden	City of Providence	Parks Department
16	Father Lennon Park	Father Lennon Park	41.83787737	-71.42656393	Rain Garden	City of Providence	Parks Department
17	Bucklin Park	Synthetic Field	41.80478224	-71.42931627	Rain Garden	City of Providence	Parks Department
18	Peace and Plenty Park	Peace and Plenty Park	41.80721162	-71.42255095	Wet Swale	City of Providence	Parks Department
19	York Pond Energy Dissipator	York Pond Inlet	41.83501727	-71.3796713	Energy Dissipator and Sediment Forebay	City of Providence	Providence Parks Department
20	Groundwork Bioswale 1	Across from 483 Charles Street	41.84860339	-71.41957608	Bioswale	City of Providence	Groundwork RI
21	Groundwork Bioswale 2	200 Hawkins Street (Back Lot)	41.85059052	-71.42263008	Bioswale	City of Providence	Groundwork RI
22	Groundwork Bioswale 3	70 Rowan Street (Glover St Side)	41.83471674	-71.44758807	Bioswale	City of Providence	Groundwork RI
23	Groundwork Bioswale 4	96 Knight Street (Knight St Side)	41.8220583	-71.43125274	Bioswale	City of Providence	Groundwork RI
24	Groundwork Bioswale 5	93 Knight Street (Parking Lot)	41.82216507	-71.43147184	Bioswale	City of Providence	Groundwork RI
25	Groundwork Bioswale 6	310 Reservoir Avenue	41.78858033	-71.43104888	Bioswale	City of Providence	Groundwork RI
26	Groundwork Bioswale 7	18 Stamford St	41.78038987	-71.41841414	Bioswale	City of Providence	Groundwork RI
27	Groundwork Bioswale 8	92 Alabama Ave	41.78745949	-71.39276253	Bioswale	City of Providence	Groundwork RI
28	Groundwork Bioswale 9	Veazie Street at Branch Avenue	41.854725	-71.4346785	Bioswale	City of Providence	Groundwork RI
29	Groundwork Bioswale 10	1 Michigan Ave	41.79136072	-71.39395632	Bioswale	City of Providence	Groundwork RI
30	Groundwork Bioswale 11	9 Sawyer St	41.77849989	-71.41941507	Bioswale	City of Providence	Groundwork RI
31	Groundwork Bioswale 12	100 Fisk St	41.78926267	-71.40912624	Bioswale	City of Providence	Groundwork RI
32	Groundwork Bioswale 13	Refocus Oppert St Lot Entrance	41.85251344	-71.42204082	Bioswale	City of Providence	Groundwork RI
33	Groundwork Bioswale 14	64 Warrington St	41.79594021	-71.41517002	Bioswale	City of Providence	Groundwork RI
34	Groundwork Bioswale 15	293 Sayles St	41.80359445	-71.40934113	Bioswale	City of Providence	Groundwork RI
35	Groundwork Bioswale 16	Veazie Street at Branch Avenue	41.85463225	-71.43467216	Bioswale	City of Providence	Groundwork RI
36	Groundwork Bioswale 17	43 Oriole Ave	41.83196517	-71.38228444	Bioswale	City of Providence	Groundwork RI
37	Groundwork Bioswale 18	92 Dana St	41.84547504	-71.39738594	Bioswale	City of Providence	Groundwork RI
38	Groundwork Bioswale 19	654 Angell St	41.83134723	-71.38178811	Bioswale	City of Providence	Groundwork RI
39	Groundwork Bioswale 20	680 Angell St	41.83154947	-71.38079526	Bioswale	City of Providence	Groundwork RI
40	Groundwork Bioswale 21	154 Killingly St	41.81450648	-71.46341208	Bioswale	City of Providence	Groundwork RI
41	Groundwork Bioswale 22	690 Angell St	41.83164053	-71.38032134	Bioswale	City of Providence	Groundwork RI
42	Groundwork Bioswale 23	156 Killingly St	41.81448006	-71.46332336	Bioswale	City of Providence	Groundwork RI
43	Groundwork Bioswale 24	55 Modena St	41.84546826	-71.44807653	Bioswale	City of Providence	Groundwork RI
44	Groundwork Bioswale 25	82 Dana St	41.84557478	-71.3977262	Bioswale	City of Providence	Groundwork RI
45	Groundwork Bioswale 26	107 Mercy st	41.80981667	-71.45744084	Bioswale	City of Providence	Groundwork RI
46	Groundwork Bioswale 27	99 Mercy st	41.81058316	-71.45754855	Bioswale	City of Providence	Groundwork RI
47	Groundwork Bioswale 28	98 Minto Street (Whitford St side)	41.83864198	-71.44903012	Bioswale	City of Providence	Groundwork RI
48	Groundwork Bioswale 29	Access Rd	41.79415767	-71.43672291	Bioswale	City of Providence	Groundwork RI
49	Groundwork Bioswale 30	310 Reservoir Avenue	41.78865207	-71.4309048	Bioswale	City of Providence	Groundwork RI
50	Groundwork Bioswale 31	800 Allen's Ave (Brass Monkey corner)	41.79275133	-71.39711901	Bioswale	City of Providence	Groundwork RI
51	Groundwork Bioswale 32	130 Ocean St	41.8023998	-71.41027333	Bioswale	City of Providence	Groundwork RI
52	Groundwork Bioswale 33	118 Ocean St	41.80284	-71.4102075	Bioswale	City of Providence	Groundwork RI
53	Groundwork Bioswale 34	Across from 126 Miller Ave	41.78937125	-71.41154883	Bioswale	City of Providence	Groundwork RI
54	Groundwork Bioswale 35	Across from 154 Miller Ave	41.78888785	-71.41216936	Bioswale	City of Providence	Groundwork RI
55	Groundwork Bioswale 36	Across from 178 Miller Ave	41.78842152	-71.41282682	Bioswale	City of Providence	Groundwork RI
56	Groundwork Bioswale 37	363 Sayles St	41.80302329	-71.41205478	Bioswale	City of Providence	Groundwork RI
57	Groundwork Bioswale 38	Across from 16 Miller Ave	41.79184672	-71.40802197	Bioswale	City of Providence	Groundwork RI
58	Groundwork Bioswale 39	Across from 78 Sassafras St	41.79405837	-71.41338514	Bioswale	City of Providence	Groundwork RI
59	Groundwork Bioswale 40	62 Sackett St	41.79522356	-71.41459019	Bioswale	City of Providence	Groundwork RI
60	Groundwork Bioswale 41	Oppert St 2	41.85243868	-71.42190337	Bioswale	City of Providence	Groundwork RI
61	Groundwork Bioswale 42	Access Rd 2	41.7941883	-71.43719458	Bioswale	City of Providence	Groundwork RI
62	Groundwork Bioswale 43	165 Session St	41.84143129	-71.39082087	Bioswale	City of Providence	Groundwork RI
63	Groundwork Bioswale 44	FC Greene Memorial Blvd	41.78680762	-71.41361239	Bioswale	City of Providence	Groundwork RI
64	Groundwork Bioswale 45	FC Greene Memorial Blvd	41.78650791	-71.41362949	Bioswale	City of Providence	Groundwork RI
65	Linwood Tree Box Curb Cut 1	425 Dexter St on Linwood Ave Side	41.80521867	-71.42962715	Curb Cut Tree Pit	City of Providence	Groundwork RI
66	Linwood Tree Box Curb Cut 2	Across from 425 Dexter St on Linwood Ave	41.80531193	-71.4295941	Curb Cut Tree Pit	City of Providence	Groundwork RI
67	Linwood Tree Box Curb Cut 3	425 Dexter St on Linwood Ave Side	41.80550528	-71.42993224	Curb Cut Tree Pit	City of Providence	Groundwork RI
68	Dexter Tree Box Curb Cut 2	Dexter St at Bucklin Park	41.80432644	-71.42999121	Curb Cut Tree Pit	City of Providence	Groundwork RI
69	Dexter Tree Box Curb Cut 3	Dexter St at Bucklin Park	41.80443102	-71.42995252	Curb Cut Tree Pit	City of Providence	Groundwork RI
70	Dexter Tree Box Curb Cut 4	Dexter St at Bucklin Park	41.80511684	-71.42966635	Curb Cut Tree Pit	City of Providence	Groundwork RI
71	Dexter Tree Box Curb Cut 5	Dexter St at Bucklin Park	41.80496177	-71.42974005	Curb Cut Tree Pit	City of Providence	Groundwork RI
72	Dexter Tree Box Curb Cut 1	Dexter St at Sherry Intersection	41.80391108	-71.43018938	Tree Box Curb Cut	City of Providence	Groundwork RI
73	Dexter Tree Box Curb Cut 7	Dexter St at Sherry Intersection	41.80387544	-71.43020341	Tree Box Curb Cut	City of Providence	Groundwork RI
74	Dexter Tree Box Curb Cut 8	Dexter St at Sherry Intersection	41.80396327	-71.43016754	Tree Box Curb Cut	City of Providence	Groundwork RI
75	Dexter Tree Box Curb Cut 6	Dexter St at Sherry Intersection	41.80382542	-71.43022434	Tree Box Curb Cut	City of Providence	Groundwork RI
76	Dexter Tree Box Curb Cut 9	Dexter St at Bucklin Park	41.80480395	-71.42979935	Tree Box Curb Cut	City of Providence	Groundwork RI
77	BMP 6	Pavement Removal Near Playground	41.78308	-71.41608	Pavement Removal - Rain Garden	City of Providence	Providence Parks Department
78	BMP 3B	Carousel Parking Lot	41.78329	-71.4142	Bioretention - Rain Garden	City of Providence	Providence Parks Department
79	BMP 28	Edgewood Ave	41.77887	-71.40776	Sand Filter	City of Providence	Providence Parks Department
80	BMP 24	Between Deep Spring/Cunliff	41.77779	-71.4145	Dry Swale - Wet Swale	City of Providence	Providence Parks Department
81	BMP 17/18	Polo Lake Overlook	41.78701	-71.41468	Wet Swale	City of Providence	Providence Parks Department
82	BMP 12	Lover's Retreat - Casino Covered Bridge	41.78449	-71.41647	Terraced Bioretention	City of Providence	Providence Parks Department
83	BMP 34	Cladrastis Ave and Floral Ave Intersection	41.78422	-71.40686	Japanese Garden	City of Providence	Providence Parks Department
84	BMP 30B	3 Ball Artistic BMP - S of FC Green Memorial BLVD	41.78622	-71.40852	Infiltration Basin	City of Providence	Providence Parks Department
85	BMP 30A	NE inlet of Pleasure Lake	41.78632	-71.40718	Infiltration Basin	City of Providence	Providence Parks Department
86	BMP 2	N side of Cladrastis Ave across from carousel	41.78351	-71.41377	Infiltration Basin	City of Providence	Providence Parks Department
87	BMP 1F	Opposite of Boathouse, south side of Cladrastis Ave	41.78407	-71.4118	Infiltration Basin	City of Providence	Providence Parks Department
88	BMP 1E	North Side of Maple Ave, East of carousel	41.78297	-71.41306	Infiltration Basin	City of Providence	Providence Parks Department
89	BMP 1C	N side of Cladrastis Ave, Between BMP 2 and boathouse	41.78372	-71.41316	Infiltration Basin	City of Providence	Providence Parks Department
90	BMP 1B	Pine Hill and Maple Avenue Intersection	41.78343	-71.41228	Infiltration Basin	City of Providence	Providence Parks Department
91	BMP 9E	Entrance to Casino	41.78415	-71.41775	Bioretention Rain Garden	City of Providence	Providence Parks Department
92	BMP 9C/9D	Bike Lane Montgomery/Cladrastis/FC Greene Roundabout	41.78553	-71.40583	Pavement Removal	City of Providence	Providence Parks Department
93	BMP 9A	Just below Casino Near Roosevelt lake	41.78312	-71.41756	Buffer Plantings	City of Providence	Providence Parks Department
94	BMP 8	Near Inflow on Roosevelt Lake	41.78299	-71.4186	Buffer Plantings	City of Providence	Providence Parks Department
95	BMP 3C	Pine Hill	41.78162	-71.41491	Pavement Removal	City of Providence	Providence Parks Department
96	BMP 37C	Verndale Ave - behind museum	41.7869	-71.41204	Bioretention - Rain Garden	City of Providence	Providence Parks Department
97	BMP 37B	Verndale Ave/FC Greene intersection	41.78653	-71.41149	Infiltration Basin	City of Providence	Providence Parks Department
98	BMP 37A	Near Museum	41.78634	-71.41374	Bioswale	City of Providence	Providence Parks Department
99	BMP 29	Cemetery	41.78377	-71.40436	Infiltration Basin	City of Providence	Providence Parks Department
100	BMP 26A	Edgewood Blvd/FC Green Triangle	41.77697	-71.40997	Pavement Removal	City of Providence	Providence Parks Department
101	BMP 25	Temple of Music	41.77984	-71.41339	Buffer Plantings	City of Providence	Providence Parks Department
102	BMP 22	Near Willow Lake Arched Footbridge	41.78472	-71.41411	Buffer Plantings	City of Providence	Providence Parks Department
103	BMP 21	Near Willow/Polo Lake bridge	41.78621	-71.41435	Buffer Plantings	City of Providence	Providence Parks Department
104	BMP 19C	Near Miller Ave - FC Green Memorial Roundabout	41.78856	-71.41294	Sand Filter	City of Providence	Providence Parks Department

105 BMP 19A	Entrance to Zoo	41.78858	-71.41397	Infiltration Basin	City of Providence	Providence Parks Department
106 BMP 16	Opposite side of Service Road	41.78613	-71.4155	Buffer Plantings	City of Providence	Providence Parks Department
107 BMP 15	Near Roundabout at Polo Lake	41.78595	-71.41563	Infiltration Basin	City of Providence	Providence Parks Department
108 BMP 14	Near outflow of Roosevelt Lake	41.78502	-71.41577	Infiltration Basin,	City of Providence	Providence Parks Department
109 BMP 11	Below Casino	41.7839	-71.41652	Buffer Plantings	City of Providence	Providence Parks Department
110 BMP 7A/7B	Near Roosevelt Lake inflow	41.78274	-71.41858	Bioretention	City of Providence	Providence Parks Department
111 BMP Japanese Garden	Japanese Garden	41.78379	-71.4153	Rain Garden	City of Providence	Providence Parks Department
112 BMP Bear Ground	Bear Ground Play Area	41.78279369	-71.41559033	Wet Swale	City of Providence	Providence Parks Department

Appendix E

Illicit Discharge Detection and Elimination (IDDE) Outfall Prioritization – 03/02/23

City of Providence - 2022/2023 IDDE Outfall Prioiritization

Date: 3/2/2023		(2) Complaint Citizen, RIDEM, Internal	Dry Weather Flow	(3) Sampling Results - Exceedances				(5) Outfalls in EPA- approved TMDLs	(6) Discharge to impaired waters	(4) Outfalls in 2017 CD Attachment F	Presence of at least one SVF	(1) Priority Ranking	IDDE Investigation Schedule	IDDE Start Date	IDDE Investigation Completed			IDDE Status	Follow up Sampling Required	Comments	2022 IDDE Outfalls	
Outfall ID	Receiving Water	Yes or No	Yes or No	Chlorine (> 0.02 mg/L)	Ammonia (≥ 0.5 mg/L)	Surfactants (≥ 0.25 mg/L)	Bacteria*	Yes or No	Yes or No	Yes or No	Yes or No				Field Work	CCTV	Dye Testing					
Complete																						
Mosh13	Moshassuck River	No	Yes					Yes	N/A	No	Yes	N/A	2020 Report	2018	X	X	N/A	Complete		No illicit connections found, no further investigation recommended.		
Mosh06	Moshassuck River	No	No			X	X	Yes	N/A	No	Yes	N/A	2020 Rreport	2018	X	X	N/A	Complete		No illicit connections found, no further investigation recommended.		
Seek01	Seekonk River	No	Yes					No	Yes	No	Yes	HST	2020 Report	2018	X	N/A	N/A	Complete		No illicit connections found. Potential CSO connection needs further investigation by NBC		
Woon02	Woonasquatucket River	No	Yes				X	Yes	N/A	No	Yes	N/A	2020 Report	2018	X	X	N/A	Complete		No illicit connections found, no further investigation recommended.		
RWP-H	Edgewood Lake	Yes	Yes	X				Yes	N/A	No	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x	
Mash06	Mashapaug Pond	No	Yes			X	X	Yes	N/A	No	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x	
Narr13	Narragansett Bay	No	Yes		X	X		No	Yes	No	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x	
Woon11	Woonasquatucket River	No	Yes			X		Yes	N/A	Attach F	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x	
Mash05	Mashapaug Pond	No	Yes				X	Yes	N/A	No	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x	
Woon05	Woonasquatucket River	No	No					Yes	N/A	Attach F	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x	
Woon06	Woonasquatucket River	No	No					Yes	N/A	Attach F	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x	
Woon13	Woonasquatucket River	No	No					Yes	N/A	Attach F	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x	
Woon18	Woonasquatucket River	No	No					Yes	N/A	Attach F	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x	
Woon19	Woonasquatucket River	No	No					Yes	N/A	Attach F	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x	
Woon20	Woonasquatucket River	No	No					Yes	N/A	Attach F	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x	
Mash04	Mashapaug Pond	No	No					Yes	N/A	No	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x	
Mosh03	Moshassuck River	No	No					Yes	N/A	No	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x	
Mosh05	Moshassuck River	No	No					Yes	N/A	No	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x	

City of Providence - 2022/2023 IDDE Outfall Prioiritization

Date: 3/2/2023		(2) Complaint Citizen, RIDEM, Internal	Dry Weather Flow	(3) Sampling Results - Exceedances				(5) Outfalls in EPA- approved TMDLs	(6) Discharge to impaired waters	(4) Outfalls in 2017 CD Attachment F	Presence of at least one SVF	(1) Priority Ranking	IDDE Investigation Schedule	IDDE Start Date	IDDE Investigation Completed			IDDE Status	Follow up Sampling Required	Comments	2022 IDDE Outfalls
Outfall ID	Receiving Water	Yes or No	Yes or No	Chlorine (> 0.02 mg/L)	Ammonia (≥ 0.5 mg/L)	Surfactants (≥ 0.25 mg/L)	Bacteria*	Yes or No	Yes or No	Yes or No	Yes or No				Field Work	CCTV	Dye Testing				
Mosh07	Moshassuck River	No	No					Yes	N/A	No	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x
Mosh08	Moshassuck River	No	No					Yes	N/A	No	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x
Mosh11	Moshassuck River	No	No					Yes	N/A	No	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x
Woon09	Woonasquatucket River	No	No					Yes	N/A	Attach F	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All junction manholes and catchbasins were dry or had no dry weather flow with exceedances. IDDE field work completed.	x
Ongoing																					
Mash02 (SD-6)	Mashapaug Pond	No	Yes		X	X	X	Yes	N/A	Attach F	Yes	HIT	2020 Report	2018	X	X		Ongoing		Dye and/or smoke testing recommended	
Garfield-Higgins		Yes								No		HIT	Fall 2022	2022	X			Ongoing		IDDE field work complete. Recommending 870 feet of CCTV	x
RWP-Z	RWP Release	No	Yes		X	X		Yes	N/A	No	Yes	HIT	Fall 2022	2022	X			Ongoing		IDDE field work complete. Recommending 380 feet of CCTV	x
Woon12	Woonasquatucket River	No	Yes		X	X		Yes	N/A	Attach F	Yes	HIT	Fall 2022	2022	X			Ongoing		IDDE field work complete. Recommending CCTV	x
Mosh17	Moshassuck River	No	Yes	X		X	X	No	No	No	Yes	HIT	Fall 2022	2022	X			Ongoing		IDDE field work complete. Recommending 250 feet of CCTV	x
Woon17	Woonasquatucket River	No	Yes			X		Yes	N/A	Attach F	Yes	HIT	Fall 2022	2022				Ongoing		Checked at low tide - could not locate outfall matching 2018 description. May not exist	x
RWP-Q	Dixon Street	Yes								No	Yes	HIT	Fall 2022	2022	X	X		Ongoing		Dye test apartment building adjacent to manhole on Dixon Street	x
S-4	Woonasquatucket River	No	Yes					Yes	N/A	No	Yes	HIT	Fall 2022	2022	X			Ongoing		IDDE field work complete. Recommending CCTV	x
211	West River	No	Yes		X	X	X	No	No	No	Yes	HIT	Fall 2022	2022	X			Ongoing		IDDE field mark complete. Recommending CCTV	x
Woon14	Woonasquatucket River	No	Yes	X		X	X	Yes	N/A	Attach F	Yes	HIT	Fall 2022	2022	N/A	N/A	N/A	Complete		Most likely RIDOT structure - need to confirm ownership and change in GIS	x
S-5	Woonasquatucket River	No	Yes	X				Yes	N/A	No	Yes	HIT	Fall 2022	2022	N/A	N/A	N/A	Complete		RIDOT structure - need to confirm ownership and change in GIS	x
OF-146	Woonasquatucket River	No	Yes		X	X		No	No	No	Yes	HIT	Fall 2022	2022	X	N/A	N/A	Complete		All City interconnections were dry. Confirmed that flow is coming from Rte 6. Notification to be sent to RIDOT	x

Future Investigations - Prioritized																					
Mash01	Mashapaug Pond	No	No					Yes	N/A	Attach F	Yes	HIT									
Woon04	Woonasquatucket River	No	No					Yes	N/A	Attach F	Yes	HIT									
Woon07	Woonasquatucket River	No	No					Yes	N/A	Attach F	Yes	HIT									
Woon08	Woonasquatucket River	No	No					Yes	N/A	Attach F	Yes	HIT									
Woon10	Woonasquatucket River	No	No					Yes	N/A	Attach F	Yes	HIT									
Woon15	Woonasquatucket River	No	No					Yes	N/A	Attach F	Yes	HIT									
Woon16	Woonasquatucket River	No	No					Yes	N/A	Attach F	Yes	HIT									
WoonXX	Woonasquatucket River	No	No					Yes	N/A	No	Yes	HIT									

City of Providence - 2022/2023 IDDE Outfall Prioiritization

Date:	3/2/2023	(2) Complaint Citizen, RIDEM, Internal	Dry Weather Flow	(3) Sampling Results - Exceedances				(5) Outfalls in EPA- approved TMDLs	(6) Discharge to impaired waters	(4) Outfalls in 2017 CD Attachment F	Presence of at least one SVF	(1) Priority Ranking	IDDE Investigation Schedule	IDDE Start Date	IDDE Investigation Completed			IDDE Status	Follow up Sampling Required	Comments	2022 IDDE Outfalls
		Yes or No		Chlorine (> 0.02 mg/L)	Ammonia (≥ 0.5 mg/L)	Surfactants (≥ 0.25 mg/L)	Bacteria*	Yes or No	Yes or No	Yes or No					Field Work	CCTV	Dye Testing				
Woon40	Woonasquatucket River	No	No					Yes	N/A	Attach F	Yes	HIT									
Mash07	Mashapaug Pond	No	No					Yes	N/A	No	Yes	HIT									
Mosh02	Moshassuck River	No	No					Yes	N/A	No	Yes	HIT									
Mosh04	Moshassuck River	No	Yes					Yes	N/A	No	Yes	HIT								Observed heavy flow during catchment delineation project 2022	
Mosh09	Moshassuck River	No	No					Yes	N/A	No	Yes	HIT								Could not locate outfall or upstream structures.	
Mosh10	Moshassuck River	No	No					Yes	N/A	No	Yes	HIT								No inspection was completed Could not confirm existence of upstream structures	
Mosh12	Moshassuck River	No	No					Yes	N/A	No	Yes	HIT									
Mosh14	Moshassuck River	No	No					Yes	N/A	No	Yes	HIT								Outfall not seen	
Mosh15	Moshassuck River	No	No					Yes	N/A	No	Yes	HIT								Outfall and upstream structures not found	
Mosh16	Moshassuck River	No	No					Yes	N/A	No	Yes	HIT									
RWP-A	Pleasure Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-B	Pleasure Lake	No	No					Yes	N/A	No	Yes	HIT								Comingled with RWP-C. Twin outfall	
RWP-C	Pleasure Lake	No	No					Yes	N/A	No	Yes	HIT								Comingled with RWP-B. Twin outfall	
RWP-D	Pleasure Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-E	Pleasure Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-F	Pleasure Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-G	Edgewood Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-I	Edgewood Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-J	Edgewood Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-K	Edgewood Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-L	Cunliff's Pond	No	No					Yes	N/A	No	Yes	HIT									
RWP-M	Roosevelt Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-N	Roosevelt Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-O	Roosevelt Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-P	Roosevelt Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-R	Willow Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-S	Willow Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-T	Willow Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-V	Polo Lake	No	No					Yes	N/A	No	Yes	HIT									
RWP-W	Polo Lake	No	No					Yes	N/A	No	Yes	HIT									
West01	West River	No	No					Yes	N/A	No	Yes	HIT									
West02	West River	No	No					Yes	N/A	No	Yes	HIT									
West03	West River	No	No					Yes	N/A	No	Yes	HIT									
West04	West River	No	No					Yes	N/A	No	Yes	HIT									
West05	West River	No	No					Yes	N/A	No	Yes	HIT									
West06	West River	No	No					Yes	N/A	No	Yes	HIT									
West07	West River	No	No					Yes	N/A	No	Yes	HIT									
West08	West River	No	No					Yes	N/A	No	Yes	HIT									
West09	West River	No	No					Yes	N/A	No	Yes	HIT								Possible interconnection with North Providence and Pawtucket	
West10	West River	No	No					Yes	N/A	No	Yes	HIT									
West11	West River	No	No					Yes	N/A	No	Yes	HIT									
Woon01	Woonasquatucket River	No	No					Yes	N/A	No	Yes	HIT									
Woon03	Woonasquatucket River	No	No					Yes	N/A	No	Yes	HIT									
Woon41	Woonasquatucket River	No	No					Yes	N/A	No	Yes	HIT									
Woon42	Woonasquatucket River	No	No					Yes	N/A	No	Yes	HIT									
Woon43	Woonasquatucket River	No	No					Yes	N/A	No	Yes	HIT									
Woon45	Woonasquatucket River	No	No					Yes	N/A	No	Yes	HIT									
Woon46	Woonasquatucket River	No	No					Yes	N/A	No	Yes	HIT									
Woon47	Woonasquatucket River	No	No					Yes	N/A	No	Yes	HIT									

City of Providence - 2022/2023 IDDE Outfall Prioiritization

Date: 3/2/2023		(2) Complaint Citizen, RIDEM, Internal	Dry Weather Flow	(3) Sampling Results - Exceedances				(5) Outfalls in EPA- approved TMDLs	(6) Discharge to impaired waters	(4) Outfalls in 2017 CD Attachment F	Presence of at least one SVF	(1)				IDDE Investigation Completed				Follow up Sampling Required	Comments	2022 IDDE Outfalls
Outfall ID	Receiving Water	Yes or No	Yes or No	Chlorine (> 0.02 mg/L)	Ammonia (≥ 0.5 mg/L)	Surfactants (≥ 0.25 mg/L)	Bacteria*	Yes or No	Yes or No	Yes or No	Yes or No	Priority Ranking	IDDE Investigation Schedule	IDDE Start Date	Field Work	CCTV	Dye Testing	IDDE Status				
Woon48	Woonasquatucket River	No	No					Yes	N/A	No	Yes	HIT										
112		No	Yes	X				No	No	No	Yes	HST									Comingled with Mosh17. Possible interconnection with State US-1	
302		No	Yes	X				No	No	No	Yes	HST									Investigate ownership prior to IDDE investigation	
PVP01	Pleasant Valley Parkway	No	Yes				X	No	No	No	Yes	HST										
PVP17	Pleasant Valley Parkway	No	Yes				X	No	No	No	Yes	HST									Could not confirm existence of upstream structures	
Narr10	Narragansett Bay	No	No					No	Yes	No	Yes	HST										
Narr11	Narragansett Bay	No	No					No	Yes	No	Yes	HST										
Narr12	Narragansett Bay	No	No					No	Yes	No	Yes	HST										
Narr14	Narragansett Bay	No	No					No	Yes	No	Yes	HST									Twin outfall	
Narr15	Narragansett Bay	No	No					No	Yes	No	Yes	HST										
Narr16	Narragansett Bay	No	No					No	Yes	No	Yes	HST										
Narr17	Narragansett Bay	No	No					No	Yes	No	Yes	HST										
Narr18	Narragansett Bay	No	No					No	Yes	No	Yes	HST										
Prov01	Providence River	No	No					No	Yes	No	Yes	HST										
Prov02	Providence River	No	No					No	Yes	No	Yes	HST										
Prov03	Providence River	No	No					No	Yes	No	Yes	HST										
Prov04	Providence River	No	No					No	Yes	No	Yes	HST										
Prov05	Providence River	No	No					No	Yes	No	Yes	HST										
Prov06	Providence River	No	No					No	Yes	No	Yes	HST										
Prov07	Providence River	No	No					No	Yes	No	Yes	HST										
Prov08	Providence River	No	No					No	Yes	No	Yes	HST										
Prov09	Providence River	No	No					No	Yes	No	Yes	HST										
Prov10	Providence River	No	No					No	Yes	No	Yes	HST									Twin outfall	
Prov11	Providence River	No	No					No	Yes	No	Yes	HST										
Prov12	Providence River	No	No					No	Yes	No	Yes	HST										
Prov13	Providence River	No	No					No	Yes	No	Yes	HST										
Prov14	Providence River	No	No					No	Yes	No	Yes	HST										
Prov15	Providence River	No	No					No	Yes	No	Yes	HST										
Prov16	Providence River	No	No					No	Yes	No	Yes	HST										
Prov17	Providence River	No	No					No	Yes	No	Yes	HST										
Prov18	Providence River	No	No					No	Yes	No	Yes	HST										
Prov19	Providence River	No	No					No	Yes	No	Yes	HST										
Prov20	Providence River	No	No					No	Yes	No	Yes	HST										
Prov21	Providence River	No	No					No	Yes	No	Yes	HST										
Prov22	Providence River	No	No					No	Yes	No	Yes	HST										
Prov23	Providence River	No	No					No	Yes	No	Yes	HST										
Prov24	Providence River	No	No					No	Yes	No	Yes	HST										
ProvXX	Providence River	No	No					No	Yes	No	Yes	HST										
Seek02	Seekonk River	No	No					No	Yes	No	Yes	HST										
Seek06	Seekonk River	No	No					No	Yes	No	Yes	HST										
Seek09	Seekonk River	No	No					No	Yes	No	Yes	HST										
Seek10	Seekonk River	No	No					No	Yes	No	Yes	HST										
Seek11	Seekonk River	No	No					No	Yes	No	Yes	HST										
Seek12	Seekonk River	No	No					No	Yes	No	Yes	HST										
Seek14	Seekonk River	No	No					No	Yes	No	Yes	HST										
Seek15	Seekonk River	No	No					No	Yes	No	Yes	HST										
Seek16	Seekonk River	No	No					No	Yes	No	Yes	HST										
Seek17	Seekonk River	No	No					No	Yes	No	Yes	HST										
Seek18	Seekonk River	No	No					No	Yes	No	Yes	HST										

City of Providence - 2022/2023 IDDE Outfall Prioiritization

Date: 3/2/2023		(2) Complaint Citizen, RIDEM, Internal	Dry Weather Flow	(3) Sampling Results - Exceedances				(5) Outfalls in EPA- approved TMDLs	(6) Discharge to impaired waters	(4) Outfalls in 2017 CD Attachment F	Presence of at least one SVF	(1)			IDDE Investigation Completed				Follow up Sampling Required	Comments	2022 IDDE Outfalls
Outfall ID	Receiving Water	Yes or No	Yes or No	Chlorine (> 0.02 mg/L)	Ammonia (≥ 0.5 mg/L)	Surfactants (≥ 0.25 mg/L)	Bacteria*	Yes or No	Yes or No	Yes or No	Yes or No	Priority Ranking	IDDE Investigation Schedule	IDDE Start Date	Field Work	CCTV	Dye Testing	IDDE Status			
Seek19	Seekonk River	No	No					No	Yes	No	Yes	HST									
But01	Butler Stream	No	No					No	No	No	Yes	HST									
But02	Butler Stream	No	No					No	No	No	Yes	HST									
PVP02	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP03	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP05	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP06	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP07	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP08	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP09	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP10	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP11	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP12	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP13	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP14	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP15	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP16	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP19	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP20	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST								Could not confirm upstream structures Likely interconnection with Roger Williams Medical Center	
PVP21	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST								Likely interconnection with Roger Williams Medical Center	
PVP22	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP23	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP24	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									Likely interconnection with PC
PVP25	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP26	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP27	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP29	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP30	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP31	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP32	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP33	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP34	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP35	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP36	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP37	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									
PVP38	Pleasant Valley Parkway	No	No					No	No	No	Yes	HST									

Priority Ranking

- (1) Ranked as a HIT in the IDDE Plan
- (2) Complaint or priority by City or RIDEM
- (3) Exceedances from dry weather sampling results - ranked by number of parameters exceeded
- (4) Listed in Appendix F of the Consent Decree
- (5) Discharges to a TMDL
- (6) Discharges to Impaired Waters

* Bacteria exceedances are determined by levels of E. coli, enterococcus, fecal coliform, coliphage, and are dependent on the type of waterbody the outfall discharges too

E. Coli

≥ 235 cfu/100 mL

Entero

> 61 cfu/100 mL in Class AA, A, B, B1, B(a), or B1(a) waters

> 104 cfu/100 mL in Class SA, SA(b), SB, SB1, SB(a), or SB1(a) waters

Fecal

> 400 most probably number/100 mL

Coliphage

≥ 50 pfu/100 mL

Appendix F
Public Notice Postings

Department of Public Works Webpage:

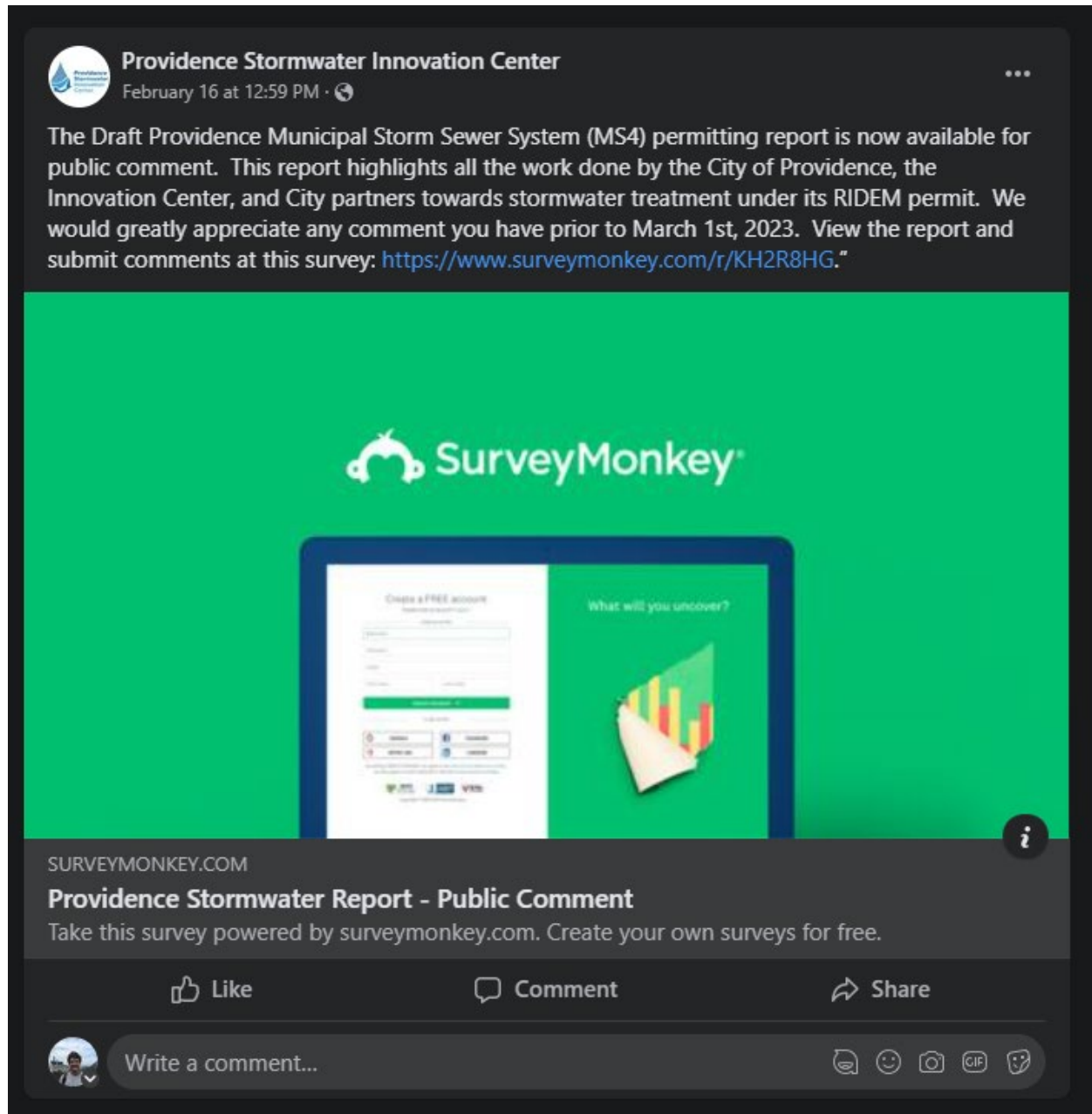
<https://www.providenceri.gov/public-works/forms/>

Providence Stormwater Innovation Center Reports Page:

<https://www.stormwaterinnovation.org/reports>

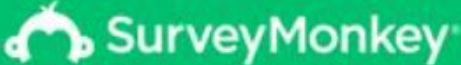
Providence Stormwater Innovation Center Facebook:


<https://www.facebook.com/stormwaterinnovation>



Providence Stormwater Innovation Center
February 16 at 12:59 PM · 🌐

The Draft Providence Municipal Storm Sewer System (MS4) permitting report is now available for public comment. This report highlights all the work done by the City of Providence, the Innovation Center, and City partners towards stormwater treatment under its RIDEM permit. We would greatly appreciate any comment you have prior to March 1st, 2023. View the report and submit comments at this survey: <https://www.surveymonkey.com/r/KH2R8HG>."


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Providence Stormwater Report - Public Comment
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 Write a comment... 🗨️ 😊 📷 GIF 🎭

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The Draft Providence Municipal Storm Sewer System (MS4) permitting report highlights work done by the City, the Innovation Center, and City partners towards stormwater treatment under its RIDEM permit. We would appreciate any comment you have by 3.1.23: bit.ly/3YToeOe

