Nutrient Source Identification Report
Town of Milton

Prepared By: Neponset River Watershed Association
June 17, 2021

This report is being submitted as a final grant deliverable for the MS4 Municipal Assistance Grant Program. This specific submission is not intended for regulatory compliance purposes.

Acknowledgements

This is one among twenty Nutrient Source Identification Reports prepared by the Neponset River Watershed Association (NepRWA) and the Pioneer Valley Planning Commission (PVPC). These reports are meant to provide MS4 permitted municipalities with documents they can finalize and submit to U.S. EPA as part of their Year 4 reporting requirements.

This work is made possible through a grant from the MassDEP Municipal Assistance Program. Project staff from NepRWA and PVPC appreciate the conversation and feedback provided by MassDEP and U.S. EPA staff in working through methodology to prepare these reports. Aside from producing nutrient source identification reports for 20 communities, this project also resulted in the following: lake-pond phosphorous control plan Year 4 submission requirements for two communities; documentation of approach and methods for use by other MS4 permittees across MA in meeting these Year 4 requirements; and setting of the stage for upgrading existing stormwater infrastructure in key high pollutant loading catchments.

NepRWA and PVPC staff are grateful also to the partner communities who joined them in this pilot project. Following is a list of cities and towns who participated in this project:

Agawam
Canton
Dedham
Foxborough
Granby
Longmeadow
Ludlow
Medfield
Milton
Northampton
Quincy
Randolph
Sharon
South Hadley
Southampton
Southwick
Stoughton
Westfield
Westwood
Wilbraham

Background: The Nutrient Pollution Problem

Nitrogen and phosphorous are naturally occurring plant fertilizers or "nutrients." When land is developed, and storm drain systems are installed, the amount of nitrogen and phosphorous discharged to local streams, ponds and wetlands increases significantly relative to natural stream conditions. In the urban environment, nitrogen and phosphorous come from a variety of sources including organic debris such as fallen leaves, animal and pet waste, lawn and agricultural fertilizers, malfunctioning sewers and septic systems, and atmospheric deposition from car exhaust, among other sources.

Some of these sources also occur in the natural environment. However, in the urban environment the prevalence of paved and impervious areas coupled with the availability of storm drain collection systems allows street runoff containing excess nutrient pollution to be very quickly collected and conveyed to the nearest waterbody, generally with little or no treatment—bypassing the natural processes such as soil filtration and infiltration that would capture and recycle nutrients before they reached waterways in an undeveloped landscape.

As a result, nutrient pollution from polluted stormwater runoff has become a major source of pollution across the country. Nutrient pollution increases undesirable plant and algae growth in waterways, which can be highly toxic to humans and wildlife and reduce oxygen levels in the water. This, in turn, impedes recreation and creates chronic challenges for aquatic life, sometimes leading to fish kills. In freshwater waterways phosphorous is generally the primary pollutant of concern, while nitrogen becomes the primary concern once freshwater rivers flow into saltwater estuaries and bays.

Background: Regulatory Context

Under the federal and state clean water acts, the Massachusetts Department of Environmental Protection (MassDEP) is charged with establishing water quality standards and determining whether waterways meet these designated standards. MassDEP publishes its Integrated List of Waters, also referred to at the 303d Impaired Waters List, identifying waters that do not meet standards. These waterways are referred to as being "impaired" or "water quality limited" based on one or more causes which may include nitrogen, phosphorous, "nutrient/eutrophication biological indicators" or in some cases turbidity or transparency. MassDEP is also charged with preparing waterbody-specific cleanup plans for nutrient pollution known as Total Maximum Daily Loads or TMDLs, though these are yet to be prepared for many impaired waterways.

The Town of Milton ("the Town") is subject to the requirements of US Environmental Protection Agency's (EPA's) 2016 Massachusetts Small MS4 General Permit. One of the requirements of this permit is that communities discharging stormwater to waterways that are listed by MassDEP as impaired for phosphorous or nitrogen, or that flow into impaired waterways, and for which a total maximum daily load does not exist, shall prepare a Nutrient Source Identification Report as detailed in Appendix H of the permit. This report has been developed to satisfy this requirement of the permit.

The nutrient source identification report must be submitted with the permit year 4 annual report (year ending June 30, 2022 and report due late September 2022). The requirements include (excerpt from EPA 2016 MS4 Permit Appendix H):

1. Calculation of total MS4 area draining to the water quality limited water segments or their tributaries, incorporating updated mapping of the MS4 and catchment delineations produced pursuant to part 2.3.4.6;
2. All screening and monitoring results pursuant to part 2.3.4.7.b., targeting the receiving water segment(s);
3. Impervious area and DCIA for the target catchment;
4. Identification, delineation and prioritization of potential catchments with high [*nitrogen and/or phosphorous*] loading;
5. Identification of potential retrofit opportunities or opportunities for the installation of structural BMPs during redevelopment.

MS4 Permit Appendix H Applicability

Portions of the Town lie both within the Neponset River Watershed and the Weymouth & Weir River Watershed. Of the 15 receiving waters identified in the Town's Notice of Intent, one has been identified as specifically impaired for phosphorus. In some cases, the Town's receiving waters also flow into another water body that is impaired for phosphorous, or waters that are listed as impaired for a cause in which phosphorous pollution is a factor such as dissolved oxygen, or eutrophication biological indicators.

The saltwater portion of the Neponset River, known as the Neponset River Estuary, is not specifically listed as impaired for nitrogen by MassDEP, but is listed as impaired for several other factors for which nitrogen pollution is a contributing factor. Furthermore, EPA has directed the City of Quincy to prepare a nutrient source identification report for nitrogen based on its stormwater discharges to the Neponset River. While EPA has not provided any clear direction to other communities in the Neponset River Watershed that are upstream of the Neponset Estuary regarding the need for a nitrogen source identification report, the possibility exists that EPA may issue such a requirement in the future. In the interest of efficiency of analysis, this report also includes an analysis of nitrogen pollution loading for all communities in the Neponset River Watershed.

Therefore, this report has been prepared in accordance with the guidelines in sections I.1.b and II.1.b of Appendix H of the 2016 Massachusetts Small MS4 General Permit.

The status of receiving waters in the Town is summarized in Table 1 below.

Table 1. Receiving Waters for the Town of Milton

Receiving Water	Number of Outfalls	Impaired for P?	Impaired for N?	Other Impairments
Unquity Brook	42	Yes	No	Dissolved Oxygen, TSS, E. Coli, Debris/Floatables/Trash, Low Flow Alterations, Physical Substrate Habitat Alterations, Fecal Coliform, Low pH

Pine Tree Brook	92	No	No	Dissolved Oxygen, TSS, E. Coli, Physical Substrate Habitat Alterations, Aquatic Plants, Fecal Coliform
Neponset River (MA73-02)	21	No	No	Dissolved Oxygen, Oil and Grease, TSS, E. Coli, Debris/Floatables/Trash, DDT, Fecal Coliform, Foam/Flocs/Scum/Oil Slicks, PCB in Fish Tissue, Other
Neponset River (MA73-03)	19	No	No	Dissolved Oxygen, Oil and Grease, E. Coli, Enterococcus, Debris/Floatables/Trash, DDT, Fecal Coliform, Foam/Flocs/Scum/Oil Slicks, PCB in Fish Tissue, PCB
Neponset River (MA73-04)	15	No	No	Dissolved Oxygen, TSS, E. Coli, Enterococcus, Debris/Floatables/Trash, Fecal Coliform, PCB
Russell Pond	6	No	No	TSS, Non-Native Aquatic Plants
Turners Pond	2	No	No	TSS, Nutrient/Eutrophication Biological Indicators
Popes Pond (Pine Tree Brook)	1	No	No	Dissolved Oxygen, TSS, E. Coli, Physical Substrate Habitat Alterations, Aquatic Plants, Fecal Coliform
Gulliver Creek (aka Gulliver's Creek)	2	No	No	Fecal Coliform, PCB in Fish Tissue
Furnace Brook	4	No	No	Dissolved Oxygen
Balster Brook	5	No	No	
Hemenway Pond	1	No	No	
Trout Brook	7	No	No	
Wendell Brook	6	No	No	
Chestnut Run	1	No	No	

Data Sources and Analytical Methods

Several existing datasets were used to complete this work. Table 2 below lists the utilized data sets and their origin.

Table 2. Data Sources

Existing Data Set	Origin	Date Published/Updated	Link
2016 Land Cover/Land Use	MassGIS	May 2019	https://docs.digital.mass.gov/dataset/massgis-data-2016-land-coverland-use
Soil Survey Geographic (SSURGO) Database for Norfolk and Suffolk Counties, Massachusetts	USDA	June 2020	Downloaded through Web Soil Survey (https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm).

			Hydrologic soil groups extracted using Soil Data Viewer Version 6.1 (https://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/survey/geo/?cid=nrcs142p2_053619)
Town Catchments	Town GIS Files	Current as of the publishing of this report	N/A
Massachusetts Land Parcel Database (Metro Boston Region)	MAPC	May 2019	Used to locate SCM opportunities, this shapefile contains the "Parloc_ID" field used to identify parcels. https://datacommon.mapc.org/browser/datasets/360

Impervious area is the portion of the Town that is paved, covered by buildings, or otherwise rendered unable to absorb water naturally due to development. Impervious area for the town was calculated using the MassGIS 2016 Land Cover/Land Use data layer which was published in 2019. This data layer maps impervious and pervious land cover by land use type based on aerial photography and other data sources. This was overlaid with the Town's data layer for outfall catchment areas to estimate total areas and total impervious area discharging to or upstream of nutrient-impaired waterways, as well as to estimate impervious area for each stormwater outfall catchment.

Directly connected impervious area (DCIA), also referred to as "effective impervious cover," is the amount of impervious area that is directly connected to the storm drain system. Most land in the Town was developed before the creation of modern requirements to capture, clean, slow down, and recharge stormwater runoff using stormwater control measures (SCMs). However, many new development and redevelopment projects constructed in recent years have required the installation or upgrade of SCMs, such that today some properties have no SCMs, some have SCMs that meet some modern standards, and some have SCMs that are fully compliant with modern standards. Because site-specific information about the existence of specific SCMs is not available at the parcel level, an estimate of DCIA or effective impervious cover is used to approximate the average level of SCMs installed across the watershed. Estimating DCIA can yield a more specific pollutant loading estimate for a given area. DCIA was estimated based on land use categories following EPA guidance.

To estimate the pollutant loads for nitrogen and/or phosphorous in each catchment, estimated pollutant loading rates for different combinations of land use type, land cover type, and soil type were applied in accordance with guidance in the EPA 2016 MS4 Permit. The individual loading rates for these unique subsections were summed based on catchment, which produced an overall estimated catchment pollutant loading rate.

It should be noted that the Town's catchment shapefile segments catchments based on the owner of the actual storm sewer system in a particular area. For the purposes of this analysis, the owners of the system were disregarded, and each catchment was analyzed as a whole.

For a more detailed description of the analytical methods used for this project, please refer to the supplement to this report, entitled "Nutrient Source Identification Report Addendum: Methods."

Total Area Draining to Water Quality Limited Segments (or Tributaries)

The total area of the Town is approximately 8,431 acres. Since all areas of the Town are located either in the Neponset River Watershed or the Weymouth & Weir River Watershed and drainage flows either directly to waters that are impaired for phosphorus or waters that are listed as impaired for a cause in which phosphorous pollution is a factor, this report included all areas of the town in the phosphorus loading evaluation. Table 3 below shows how much of the Town is located in each watershed.

Similarly, portions of the town are upstream of the Neponset Estuary and therefore drain to a segment that EPA may consider impaired for nitrogen. While EPA has not provided clear guidance indicating that the Town is subject to the requirements of Appendix H of the 2016 MS4 permit for nitrogen, this report includes the analysis for nitrogen so that the relevant data is available should EPA make such a determination in the future. Therefore, catchments located in the Neponset River Watershed were included in the nitrogen loading analysis sections of this report. Catchments located in the Weymouth & Weir River Watershed were not ranked with regards to nitrogen loading, but nitrogen loading estimates were made for these catchments in the process of analysis and the results are included in Table C-1 in Appendix C for reference.

Table 3. Summary of Area Draining to Water Quality Limited Segments

Receiving Water Impaired for Phosphorus	Neponset Watershed	Weymouth & Weir Watershed	Total
Total Area of Town (Acres)	7,372	1,059	8,431
Area Draining to Phosphorous Impaired Waters or Potentially Impaired Waters (Acres)	7,372	1,059	8,431
Area Draining to Nitrogen Impaired or Potentially Impaired Waters (Acres)	7,372	0	7,372

Impervious Area and Directly Connected Impervious Area

Table 4 below summarizes the total impervious area (IA) and estimated DCIA in the Town. It is also important to note that most of the impervious area in the Town is not owned or maintained by the Town, but by private parties or other public agencies.

Table 4. Summary of Impervious Area and DCIA

	Neponset Watershed	Weymouth & Weir Watershed	Total
Impervious Area (Acres)	1,388	105	1,493
Estimated DCIA (Acres)	39	1.5	40.5

Table A-1 and A-2 in Appendix A of this report provides impervious area and estimates of DCIA for the Town's catchments in the Weymouth & Weir and Neponset River Watersheds, respectively. Table 5 and 6 below show the same information for the ten catchments with the most impervious area in each watershed. The catchments are labeled using the Town's identifier for the outfall to which they drain. The table is sorted in descending order of total impervious area.

Table 5. Total Impervious Area and DCIA for the Ten Most Impervious Town Catchments in the Weymouth & Weir River Watershed

Catchment Identifier	Impervious Area (Acres)	Percent Impervious	DCIA (Acres)	Percent DCIA
178	121.34	37.83 %	13.30	4.15 %
125	29.26	46.68 %	2.96	4.72 %
83	18.62	10.00 %	1.28	0.69 %
78	16.49	18.24 %	3.12	3.45 %
1	14.56	11.64 %	1.62	1.30 %
107	9.70	10.00 %	0.62	0.64 %
8888	3.93	2.17 %	0.25	0.14 %
89	2.86	41.65 %	0.70	10.16 %
87	2.40	39.19 %	0.46	7.46 %
95	0.67	40.02 %	0.20	12.21 %
Top 10 Catchments as a % of Town Watershed Total	99.86 %		99.54 %	

Table 6. Total Impervious Area and DCIA for the Ten Most Impervious Town Catchments in the Neponset River Watershed

Catchment Identifier	Impervious Area (Acres)	Percent Impervious	DCIA (Acres)	Percent DCIA
225	1132.73	46.36 %	83.66	3.42 %
148	95.83	5.97 %	2.39	0.15 %
0	85.65	8.18 %	3.63	0.35 %
168	69.43	35.33 %	7.99	4.06 %
258	51.77	35.53 %	4.18	2.87 %
157	32.15	32.84 %	3.06	3.13 %
177	28.58	16.81 %	1.86	1.09 %
234	28.02	54.18 %	7.29	14.10 %
183	25.56	57.26 %	5.17	11.59 %
159	25.14	51.68 %	4.05	8.33 %
Top 10 Catchments as a % of Town Watershed Total	68.79 %		44.77 %	

Estimated Nutrient Loading from Catchments

Using the methods described in the addendum to this report, estimates of phosphorus and nitrogen loading potential were created for each of the Town's storm drain outfall catchments.

Tables B-1 and B-2 in Appendix B and C-1 and C-2 in Appendix C of this report show calculated phosphorus and nitrogen loading estimates, respectively, for all catchments in the Town. Tables 7-9 below show the five catchments with the highest estimated phosphorus and nitrogen loading, respectively. Note that, as stated earlier in this report, catchments in the Weymouth & Weir River Watershed were not ranked for estimated nitrogen load, but the analysis was completed in the interest of efficiency. Results for estimated nitrogen load for Weymouth & Weir River Watershed catchments are available in Table C-1 in Appendix C.

Table 7. Estimated Phosphorus Loading for Five Highest-Load Town Catchments in the Weymouth & Weir River Watershed

Catchment Identifier	Estimated P Load (Lbs/Yr)
178	261.40
125	64.90
83	63.22
1	46.51
78	45.10
Top 5 as a % of Total Town Watershed Load	87.06

Table 8. Estimated Phosphorus Loading for Five Highest-Load Town Catchments in the Neponset River Watershed

Catchment Identifier	Estimated P Load (Lbs/Yr)
225	2407.91
148	416.88
0	307.17
168	144.94
258	115.47
Top 5 as a % of Total Town Watershed Load	61.95 %

Table 9. Estimated Nitrogen Loading for Five Highest-Load Town Catchments in the Neponset River Watershed

Catchment Identifier	Estimated N Load (Lbs/Yr)
225	18315.37
148	4116.38
0	3473.22
168	1137.99
258	927.47
Top 5 as a % of Total Town Watershed Load	61.94 %

Note these are estimated loadings based on soil type, land use and estimated DCIA (e.g. typical level of SCMs in town). Actual loading may vary considerably from site to site depending on what SCMs are actually present, and regional studies such as the Charles River Phosphorous TMDL have indicated that the default DCIA assumptions used by EPA are somewhat optimistic, such that actual loading rates may be higher. However, these estimates provide a valuable guide to help identify those areas of the Town that should be the highest priorities for interventions to begin reducing pollutant loading.

Outfall Screening Monitoring Results

The Town's outfall screening results as of 3/2/2021 were reviewed during the writing of this report. A table showing dry weather sampling data is included in Appendix F. Seventy MS4 outfalls were sampled, but no significant nutrient concentrations were found during sampling. As future outfall screening and catchment investigations take place, this report shall be updated.

Catchment Prioritization

Since outfall screening activities did not indicate any specific catchments with high nutrient loads, this report is prioritizing the catchments based solely on the phosphorus and nitrogen loading estimates, in the order shown in Tables B-1 and B-2 (phosphorus) and C-1 and C-2 (nitrogen). As outfall screening and catchment investigations continue, the list of catchments should be re-examined and the "Top 5" list should be updated based on these real-world data.

Potential Retrofit Opportunities

Town parcels were examined for potential BMP retrofit opportunities using the Neponset Stormwater Partnership's BMP Tool (NSP BMP Tool). This tool analyzes soil data, estimated pollutant loading, and various limitations of each parcel in Town to determine the locations most suitable for further field assessment of SCM opportunities to reduce chosen pollutants.

The NSP BMP Tool uses slightly different methods to estimate pollutant loading than are utilized in this report so estimated loading rates will differ. However, this does not diminish the utility of the NSP BMP Tool as a means to help identify potential retrofit sites, especially given additional features that are incorporated into the Tool.

After assessing the data, each high-loading catchment was reviewed for potential SCM sites. Five parcels were chosen and are listed in Tables 10-12 below. All parcels in these lists are Town-owned, as town-owned properties often present the fewest barriers to SCM development. These sites should be visited first when performing reconnaissance work to locate SCMs that will reduce nutrient loading in the town. Additionally, it should be noted that the NSP BMP Tool does not rank rights-of-way as Town-owned, but they are often highly desirable sites for SCMs. All rights-of-way, particularly in the high-loading catchments, should be considered in addition to individual parcels. Note that "Parloc_ID" is an attribute from the MAPC parcel data set that may be helpful in identifying the indicated parcels.

More extensive lists of Town-owned properties to be considered for SCM development is included in Appendix D and E. In these lists, they are ranked by the BMP Tool's priority score, which projects each parcel's pollutant load and considers how suited that parcel is for SCM's designed to remove the targeted pollutant. Appendix D ranks parcels for phosphorus removal and Appendix E ranks them for nitrogen removal. The larger lists in these appendices should be considered a more comprehensive collection of the parcels that should be considered first for SCM development. As Town-owned parcels are evaluated, the Town should begin considering privately-owned parcels, as well, using the NSP BMP Tool as a guide.

Table 10. High-Priority Parcels in the Weymouth & Weir Watershed to be Considered for SCM Development for Phosphorus Pollution

Address	Parloc_ID	Catchment	Notes
0 Silver Brook Rd	F_764377_2899994	1	Undeveloped parcel behind a residential area.
750 Randolph Ave	F_774987_2912570	83	Golf course that borders a residential area. NE corner of parcel is in Weymouth & Weir River Watershed. Periphery of the parcel, particularly near residential area, could be examined for SCM opportunities.
0 Ash St	F_774033_2915022	83	Undeveloped land bordering a golf course and near a residential area.
0 Dean Rd	F_774928_2916048	83	Undeveloped land in a residential area.

*This list represents all of the town-owned parcels within catchments in the Weymouth & Weir River Watershed. To address phosphorus pollution in Weymouth & Weir catchments, the Town should also primarily consider all roadways in these catchments for potential SCM opportunities.

Table 11. High-Priority Parcels in the Neponset River Watershed to be Considered for SCM Development for Phosphorus Pollution

Address	Parloc_ID	Catchment	Notes
175 Gov Stoughton Ln	F_767252_2913063	148	Entire parcel appears to house a residential area.
0 Harland St	F_768308_2911432	148	Undeveloped space behind a residential area.
0 Pagoda Cir	F_765349_2918301	148	Undeveloped space in the center of a residential area.
0 Blue Hills Pkwy	F_766015_2917793	148	Undeveloped space along a roadway
0 Belcher Cir	F_7816682920440	178	Large park area with a large amount of open green space. To preserve park area, could examine periphery for potential SCM retrofits.

*No Town-owned parcels were found within the highest loading catchment in the Neponset watershed area of town (Catchment 225). This catchment is very large and thus had a comparatively large estimated load compared to the rest of the catchment. As no Town-owned parcels exist in this catchment, the Town should also assess all roadways in this catchment for feasibility of SCM installation.

Table 12. High-Priority Parcels in the Neponset River Watershed to be Considered for SCM Development for Nitrogen Pollution

Address	Parloc_ID	Catchment	Notes
175 Gov Stoughton Ln	F_767252_2913063	148	Entire parcel appears to house a residential area.
750 Randolph Ave	F_774987_2912570	83	Golf course with undeveloped land to the south. Southern section of parcel is in Neponset River Watershed. Periphery of the parcel could be examined for SCM opportunities.
80 Edge Hill Rd	F_777152_2917896	168	Cunningham Elementary School with undeveloped land to the rear.
0 Blue Hills Pkwy	F_765560_2916340	148	Undeveloped land bordering a residential area and roadways. Focus examination on the areas near the residential area to avoid pond.
0 Gile Rd	F_767444_2917506	232	Undeveloped land behind Milton High School. Not located in a high-load catchment, but identified as a highly desirable site by the NSP BMP Tool.

*No Town-owned parcels were found within the highest loading catchment in the Neponset watershed area of town (Catchment 225). This catchment is very large and thus had a comparatively large estimated load compared to the rest of the catchment. As no Town-owned parcels exist in this catchment, the Town should also assess all roadways in this catchment for feasibility of SCM installation.

These results provide a valuable starting point for the next phase of requirements in Appendix H of the 2016 MS4 Permit which are due by the end of permit year 5 (6/30/2023), which include:

- “Evaluate all permittee-owned properties identified as presenting retrofit opportunities”,
- “Provide a listing of planned structural BMPs and a plan and schedule for implementation”, and
- “Any structural BMPs installed…by the permittee…shall be tracked and the permittee shall estimate the phosphorus removal by the BMP.”

Appendix A: Impervious/DCIA Summary by Catchment

Table A-1. Impervious and DCIA Amounts for All Town Catchments in the Weymouth & Weir River Watershed, Sorted by Impervious Area

Catchment Identifier	Impervious Area (Acres)	Percent Impervious	DCIA (Acres)	Percent DCIA
178	121.34	37.83	13.30	4.15
125	29.26	46.68	2.96	4.72
83	18.62	10.00	1.28	0.69
78	16.49	18.24	3.12	3.45
1	14.56	11.64	1.62	1.30
107	9.70	10.00	0.62	0.64
8888	3.93	2.17	0.25	0.14
89	2.86	41.65	0.70	10.16
87	2.40	39.19	0.46	7.46
95	0.67	40.02	0.20	12.21
110	0.30	64.33	0.11	24.08

Table A-2. Impervious and DCIA Amounts for All Town Catchments in the Neponset River Watershed, Sorted by Impervious Area

Catchment Identifier	Impervious Area (Acres)	Percent Impervious	DCIA (Acres)	Percent DCIA
225	1132.73	46.36	83.66	3.42
148	95.83	5.97	2.39	0.15
0	85.65	8.18	3.63	0.35
168	69.43	35.33	7.99	4.06
258	51.77	35.53	4.18	2.87
157	32.15	32.84	3.06	3.13
177	28.58	16.81	1.86	1.09
234	28.02	54.18	7.29	14.10
183	25.56	57.26	5.17	11.59
159	25.14	51.68	4.05	8.33
80	23.62	23.31	1.86	1.83
142	23.17	26.26	2.39	2.71

169	22.16	52.14	4.03	9.48
256	20.40	25.81	2.19	2.77
191	19.15	51.08	3.25	8.68
63	18.88	13.65	1.05	0.76
188	18.36	60.09	5.58	18.25
235	17.41	20.10	2.76	3.18
185	13.96	39.04	2.38	6.67
76	12.57	24.71	1.30	2.56
31	12.10	16.19	0.94	1.25
33	11.37	23.12	1.72	3.49
131	11.25	46.38	1.99	8.19
119	11.15	43.84	2.28	8.98
230	10.84	60.17	3.27	18.15
91	10.32	25.17	1.49	3.64
98	9.75	14.45	2.02	2.99
166	9.59	44.13	1.84	8.46
165	9.32	50.43	2.12	11.47
260	9.23	55.43	2.75	16.50
88	9.05	36.06	1.88	7.47
138	8.77	53.92	2.25	13.84
232	8.35	20.25	1.18	2.87
56	8.32	14.27	0.80	1.37
197	7.73	42.23	1.34	7.33
54	7.49	15.93	0.94	2.00
72	7.42	22.28	1.17	3.53
196	7.29	28.14	0.73	2.84
262	7.25	25.45	1.26	4.42
118	6.61	48.75	1.77	13.06
9	6.57	2.93	0.33	0.15
45	6.33	13.23	0.60	1.24
109	6.33	39.61	2.36	14.79
229	6.11	26.57	2.68	11.65

37	6.01	24.18	1.65	6.63
92	5.89	22.30	1.54	5.81
261	5.78	36.52	1.86	11.74
240	5.73	62.10	2.06	22.35
74	5.69	22.09	1.62	6.28
135	5.41	36.62	1.10	7.47
259	5.34	40.10	1.37	10.32
85	5.29	31.31	0.68	4.00
163	5.25	58.00	2.09	23.07
122	5.13	39.80	0.92	7.14
30	5.02	15.59	2.54	7.90
24	5.00	31.19	0.93	5.80
57	4.99	24.00	0.58	2.79
50	4.85	21.48	0.53	2.34
238	4.81	32.66	1.04	7.07
93	4.79	44.85	1.26	11.83
182	4.59	29.87	0.66	4.31
36	4.57	27.74	0.88	5.33
208	4.48	30.06	1.15	7.75
59	4.40	1.33	0.21	0.06
195	4.32	25.42	0.59	3.47
194	4.31	28.05	0.95	6.16
102	4.02	45.11	1.10	12.32
120	3.93	30.92	0.78	6.12
53	3.86	26.20	0.53	3.60
4	3.82	8.43	0.45	0.99
210	3.78	32.85	0.70	6.08
40	3.75	26.69	0.42	2.99
219	3.75	53.90	1.09	15.71
139	3.72	25.09	0.66	4.42
32	3.63	5.63	0.50	0.78
241	3.61	57.11	0.86	13.56

245	3.49	40.53	1.85	21.53
151	3.37	31.21	0.78	7.20
60	3.31	21.82	0.44	2.93
7	3.30	22.41	0.48	3.23
193	3.30	60.07	1.03	18.77
29	3.23	32.32	1.01	10.16
52	3.21	37.08	1.00	11.58
21	3.10	2.90	0.27	0.25
218	3.09	43.15	0.90	12.52
162	3.06	57.65	1.96	37.07
137	2.98	65.80	1.66	36.71
149	2.94	53.15	0.83	15.07
44	2.91	15.05	0.30	1.55
265	2.90	19.59	0.30	2.02
207	2.87	49.93	0.67	11.64
237	2.83	35.39	0.55	6.93
6	2.81	9.46	0.39	1.30
81	2.70	32.83	0.54	6.51
48	2.70	25.40	0.64	6.04
155	2.68	16.68	0.31	1.94
158	2.65	55.74	0.77	16.21
41	2.48	46.72	0.91	17.07
113	2.47	48.13	0.55	10.81
236	2.21	47.76	0.62	13.33
179	2.16	58.14	0.57	15.26
79	2.09	38.37	0.60	11.05
130	2.04	54.35	1.00	26.68
10	2.03	29.19	0.56	8.09
34	2.02	29.82	0.33	4.86
129	1.98	63.30	0.60	19.03
126	1.97	24.41	0.33	4.08
187	1.96	49.59	0.54	13.60

198	1.91	57.36	0.72	21.63
173	1.90	52.63	0.66	18.30
66	1.85	16.95	0.29	2.64
28	1.81	44.29	0.46	11.13
39	1.80	47.31	0.48	12.71
16	1.76	16.94	0.27	2.64
209	1.72	50.16	0.52	15.12
19	1.71	53.94	1.51	47.69
202	1.65	30.09	0.34	6.19
14	1.62	46.21	1.23	35.24
58	1.61	22.45	0.32	4.51
186	1.59	78.68	0.75	37.26
244	1.53	7.31	0.13	0.63
254	1.44	30.63	0.78	16.74
65	1.42	46.20	0.58	18.90
106	1.42	51.04	0.43	15.43
174	1.42	60.18	1.06	44.92
43	1.42	19.48	0.21	2.92
226	1.39	12.99	0.26	2.44
228	1.35	41.79	0.32	9.98
143	1.33	34.06	0.28	7.20
215	1.31	43.12	0.29	9.60
123	1.24	35.15	0.28	7.90
100	1.24	45.43	0.38	13.70
133	1.23	45.19	0.32	11.62
147	1.21	42.68	0.22	7.91
255	1.20	20.65	0.22	3.74
9999	1.17	33.25	0.29	8.24
124	1.16	23.88	0.25	5.11
200	1.13	31.79	0.29	8.25
217	1.11	85.43	0.53	40.41
160	1.09	69.02	0.62	39.18

20	1.08	73.27	1.01	68.65
134	1.03	50.22	0.39	19.05
18	0.98	33.09	0.73	24.46
227	0.95	19.63	0.19	3.99
103	0.92	71.68	0.37	29.13
263	0.91	62.16	0.41	27.81
181	0.90	60.07	0.53	35.40
190	0.88	64.50	0.43	31.66
253	0.85	17.35	0.24	4.93
117	0.80	30.42	0.27	10.10
250	0.77	15.27	0.14	2.82
199	0.77	40.47	0.18	9.40
17	0.75	45.72	0.54	32.92
249	0.74	15.26	0.10	2.15
70	0.70	21.60	0.14	4.32
167	0.69	65.11	0.27	25.63
11	0.69	53.71	0.61	47.32
55	0.69	29.48	0.26	11.14
144	0.68	10.63	0.20	3.18
51	0.66	23.99	0.13	4.62
243	0.58	16.15	0.16	4.40
61	0.57	22.98	0.10	3.90
8	0.57	26.77	0.31	14.43
62	0.57	15.43	0.12	3.20
15	0.56	6.44	0.05	0.59
42	0.55	53.42	0.27	25.86
94	0.54	39.84	0.20	14.37
224	0.52	83.12	0.47	75.78
49	0.49	19.81	0.10	4.04
25	0.48	11.13	0.09	2.20
75	0.46	35.32	0.17	12.86
180	0.43	50.74	0.23	26.33

189	0.41	18.32	0.06	2.70
216	0.41	98.15	0.21	49.43
114	0.41	14.34	0.06	2.26
184	0.40	97.14	0.39	92.82
231	0.38	51.19	0.19	24.95
35	0.38	50.42	0.17	22.53
154	0.38	52.48	0.18	24.94
86	0.37	46.35	0.13	16.23
146	0.37	54.26	0.14	20.19
252	0.36	16.95	0.08	3.64
152	0.36	53.30	0.16	23.20
71	0.34	36.58	0.11	11.28
105	0.34	27.14	0.09	7.21
116	0.34	51.15	0.15	22.81
96	0.34	27.28	0.09	7.47
136	0.31	76.13	0.17	40.92
23	0.30	13.39	0.06	2.76
205	0.30	44.51	0.11	15.87
203	0.29	66.42	0.17	37.49
247	0.28	60.81	0.14	29.06
112	0.27	45.06	0.10	16.56
242	0.26	59.55	0.16	35.70
257	0.26	81.24	0.16	49.58
121	0.19	45.74	0.10	25.02
111	0.19	46.50	0.11	25.85
64	0.19	28.42	0.05	6.97
204	0.18	48.55	0.11	27.86
248	0.18	9.61	0.04	2.31
77	0.17	12.74	0.04	2.63
264	0.16	17.58	0.04	4.18
67	0.15	27.14	0.05	9.43
251	0.13	30.24	0.04	8.73

27	0.12	25.97	0.04	8.92
201	0.11	89.70	0.10	84.22
140	0.10	22.84	0.03	7.68
145	0.10	36.15	0.04	13.68
26	0.10	36.05	0.05	20.45
239	0.07	10.67	0.02	3.54
22	0.06	27.96	0.03	12.05
246	0.05	93.96	0.05	91.09
214	0.04	99.24	0.04	97.06
172	0.03	42.69	0.02	27.89
68	0.02	45.48	0.02	30.67
220	0.02	25.05	0.01	12.54
99	0.02	59.43	0.01	36.94
38	0.02	60.54	0.01	32.50
108	0.00	1.73	0.00	0.17
213	0.00	59.98	0.00	45.07
223	0.00	0.00	0.00	0.00

Appendix B: Estimated Phosphorus Loading Summary by Catchment

Table B-1. Estimated Phosphorus Loading for All Town Catchments in the Weymouth & Weir River Watershed

Catchment Identifier	Estimated P Load (Lbs/Yr)
178	261.40
125	64.90
83	63.22
1	46.51
78	45.10
8888	30.02
107	29.14
89	5.67
87	4.71
95	1.36
110	0.63

Table B-2. Estimated Phosphorus Loading for All Town Catchments in the Neponset River Watershed

Catchment Identifier	Estimated P Load (Lbs/Yr)
225	2407.91
148	416.88
0	307.17
168	144.94
258	115.47
177	77.82
157	72.46
80	65.09
142	57.42
234	56.89
159	53.28
63	51.82
183	51.44
59	49.43
169	46.77
256	44.55
9	40.40
191	39.10
235	39.07
188	37.05
31	36.24
98	35.65
76	31.71
33	29.29
185	29.19
91	26.20
54	25.31
131	24.14
119	23.98
56	23.78
21	23.40
230	21.38
232	20.49
262	19.60
165	19.43
166	18.81
260	18.75
196	18.43

30	18.36
138	18.30
88	18.04
72	17.50
229	17.17
92	15.95
74	15.91
45	15.67
32	15.37
197	15.34
261	14.70
118	13.56
85	13.19
37	12.93
109	12.55
4	12.22
122	11.97
24	11.89
240	11.59
259	11.40
50	11.31
44	11.21
163	11.14
36	11.09
57	11.01
238	10.96
135	10.96
182	10.79
194	10.41
40	9.75
208	9.75
6	9.71

53	9.68
195	9.49
120	9.34
139	9.31
93	9.21
7	9.19
210	8.70
102	8.28
219	8.04
60	8.02
151	7.89
48	7.86
155	7.84
241	7.49
218	6.98
29	6.87
193	6.82
265	6.78
245	6.68
237	6.10
52	6.02
149	6.01
162	6.00
244	5.97
137	5.86
207	5.73
66	5.49
41	5.37
81	5.34
158	5.28
34	5.18
126	5.11

113	4.95
58	4.41
10	4.31
226	4.30
79	4.25
187	4.22
236	4.21
179	4.19
28	4.05
19	4.01
129	3.95
173	3.92
14	3.91
16	3.88
39	3.87
130	3.85
198	3.77
209	3.58
202	3.57
144	3.11
186	3.09
43	3.04
124	3.01
254	2.94
106	2.86
255	2.83
100	2.82
65	2.79
250	2.77
215	2.75
174	2.64
228	2.63

15	2.61
249	2.55
143	2.54
20	2.51
123	2.49
133	2.46
200	2.41
147	2.35
227	2.35
18	2.30
160	2.18
9999	2.14
253	2.09
217	2.08
134	1.97
190	1.83
181	1.82
17	1.80
263	1.79
199	1.78
62	1.76
103	1.76
61	1.67
49	1.66
51	1.66
70	1.62
11	1.61
117	1.60
25	1.45
55	1.35
167	1.29
114	1.29

243	1.27
8	1.25
42	1.11
94	1.11
189	1.02
23	0.96
75	0.96
180	0.87
105	0.83
96	0.81
224	0.80
35	0.79
252	0.77
231	0.73
216	0.73
146	0.72
86	0.72
184	0.72
154	0.71
71	0.69
116	0.69
152	0.68
77	0.66
205	0.62
203	0.60
136	0.59
112	0.59
247	0.53

242	0.52
257	0.48
264	0.45
248	0.44
204	0.38
64	0.37
121	0.37
111	0.37
67	0.35
251	0.33
27	0.32
140	0.25
239	0.25
145	0.21
26	0.21
201	0.19
22	0.13
246	0.09
214	0.07
172	0.06
68	0.05
220	0.04
108	0.04
99	0.04
38	0.04
213	0.00
223	0.00

Appendix C: Estimated Nitrogen Loading Summary by Catchment

Table C-1. Estimated Nitrogen Loading for All Catchments in the Weymouth & Weir River Watershed

Catchment Identifier	Estimated N Load (Lbs/Yr)
178	2032.88
83	583.86
125	508.31
8888	491.90
78	412.36
1	344.77
107	268.77
89	42.41
87	34.98
95	9.74
110	4.78

Table C-213. Estimated Nitrogen Loading for All Catchments in the Neponset River Watershed

Catchment Identifier	Estimated N Load (Lbs/Yr)
225	18315.37
148	4116.38
0	3473.22
168	1137.99
258	927.47
177	673.82
59	642.46
157	588.59
80	548.96
9	495.02
142	472.34
159	414.00
234	402.24
63	393.18
183	378.42
169	363.45
31	356.55
256	347.40
98	305.98
191	297.64
21	282.50
235	278.29
188	263.49
76	261.35
33	246.46
54	224.20
91	223.18
185	213.59
119	198.12
131	191.75
56	184.66
232	172.46
262	165.90
230	155.62
165	154.10
196	153.32
4	150.69
30	146.11
260	145.68
138	144.06
166	143.35
92	138.46
88	137.22
72	135.74
229	133.78
74	122.77
45	122.07
197	116.98
32	112.51
118	110.14
261	108.65
85	106.92
109	101.98
24	96.93
122	95.70
135	94.57

259	94.52
36	93.10
238	92.23
240	91.23
37	91.16
182	90.91
44	90.47
6	88.43
194	87.63
50	86.44
57	86.02
139	81.32
120	80.53
53	80.03
40	79.50
7	78.50
208	75.80
163	75.57
195	72.00
210	71.99
93	69.44
102	69.30
48	67.42
155	67.23
151	65.39
60	63.83
29	61.73
219	61.23
241	58.18
218	53.59
237	53.55
265	53.09
193	53.02
245	50.71
162	49.67
66	47.41
149	47.07
52	46.87
137	46.69
244	45.03
41	43.44
207	43.02
34	42.71
126	42.61
81	39.77
226	39.27

58	38.73
158	37.98
113	35.64
10	34.31
187	33.42
79	33.41
28	32.38
236	31.99
179	31.88
39	31.05
130	30.84
173	30.74
129	30.72
16	29.66
202	27.85
198	27.48
144	26.87
250	26.83
15	26.37
209	26.36
124	25.78
19	24.57
14	24.41
186	23.74
43	22.68
255	22.54
249	22.42
100	22.02
65	21.31
254	21.22
215	20.48
106	20.42
174	20.28
143	19.60
228	19.54
227	19.10
200	18.87
123	18.23
133	18.18
9999	17.94
253	17.65
147	17.52
62	16.84
217	16.24
160	15.53
25	15.41

20	15.28
134	15.04
18	14.48
181	14.41
49	14.37
199	14.16
61	13.80
263	13.53
51	13.41
103	13.07
190	12.76
70	12.72
117	12.58
114	11.61
17	11.14
55	10.28
11	9.87
167	9.85
42	9.26
243	9.06
23	8.71
8	8.54
189	8.44
94	7.92
224	7.42
180	7.24
105	7.03
96	6.88
75	6.69
35	6.51
77	6.01
231	5.89
216	5.78
184	5.72
252	5.66
116	5.53
146	5.46

154	5.44
86	5.36
71	5.36
152	5.22
205	4.98
112	4.74
136	4.66
203	4.60
242	4.25
247	4.13
264	3.96
257	3.77
67	3.31
204	3.18
248	3.06
64	2.87
121	2.77
111	2.75
27	2.69
251	2.66
239	2.43
140	2.04
26	1.97
145	1.65
201	1.51
22	1.10
246	0.69
214	0.54
220	0.52
172	0.42
68	0.36
99	0.33
38	0.29
108	0.13
223	0.03
213	0.01

Appendix D: Town-Owned Parcels Sorted by the NSP BMP Tool's Phosphorus Priority Ranking

Table D-1. Town-Owned Parcels Sorted by BMP Tool Priority Score for Phosphorus Removal

Address	Parloc_ID	Use Description	BMP Tool Priority Score (Max Score = 1)
0 CENTRE ST	F_774235_2918063	Municipal, Federal, or State	1.0000
379 CENTRE ST	F_775303_2918919	Municipal, Federal, or State	1.0000
0 MURRAY AV	F_775366_2917903	Municipal, Federal, or State	1.0000
0 BLUE HILL AV	F_760967_2908972	Municipal Vacant	0.9805
0 BRUSH HILL RD	F_758448_2911197	Municipal Vacant	0.9796
0 HERRICK DR	F_771354_2921121	Municipal Vacant	0.9796
0 HERRICK DR	F_771382_2921419	Municipal Vacant	0.9796
0 HARLAND ST	F_768308_2911432	Municipal Vacant	0.9796
175 GOV STOUGHTON LN	F_767252_2913063	Municipal, Federal, or State	0.9614
0 HERRICK DR	F_771423_2921815	Municipal Vacant	0.9592
753 BLUE HILL AV	F_762389_2913287	Municipal, Federal, or State	0.9543
0 BARTONS LN	F_777361_2915979	Municipal Vacant	0.9541
0 EDGE HILL RD	F_776885_2917271	Municipal Vacant	0.9537
815 BLUE HILL AV	F_761990_2912558	Municipal, Federal, or State	0.9439
0 CANTON AV	F_768053_2916347	Municipal Vacant	0.9439
0 PAGODA CR	F_765349_2918301	Municipal Vacant	0.9439
0 BLUE HILLS PW	F_766015_2917793	Municipal Vacant	0.9439
0 BLUE HILLS PW	F_766659_2916718	Municipal Vacant	0.9439
0 CANTON AV	F_771111_2919823	Municipal Vacant	0.9439
0 ELIOT ST	F_768724_2922147	Municipal Vacant	0.9439
0 CHURCHILLS LN	F_773167_2919624	Municipal Vacant	0.9439
0 ORCHARD RD	F_773917_2915207	Municipal Vacant	0.9439
0 ASH ST	F_774033_2915022	Municipal Vacant	0.9439

0 BAILEY AV	F_774202_2915291	Municipal Vacant	0.9439
0 DEAN RD	F_774928_2916048	Municipal Vacant	0.9439
0 BROOK RD	F_775487_2919451	Municipal Vacant	0.9439
0 CENTRE ST	F_777501_2919999	Municipal Vacant	0.9439
40 HIGHLAND ST	F_770232_2917411	Municipal, Federal, or State	0.8672
0 RANDOLPH AV	F_773248_2913055	Municipal Vacant	0.8672
0 DEER RUN	F_774379_2916970	Municipal Vacant	0.8672
750 RANDOLPH AV	F_774987_2912570	Chapter 61A, 61B, 61 Property	0.8672
0 HARLAND ST	F_768992_2910667	Municipal Vacant	0.8586
80 EDGE HILL RD	F_777152_2917896	Municipal, Federal, or State	0.8585
0 BRUSH HILL RD	F_758151_2909857	Municipal Vacant	0.8577
121 CENTRAL AV	F_770768_2922747	Municipal, Federal, or State	0.8577
0 ADAMS ST	F_773796_2923093	Municipal Vacant	0.8577
211 CENTRE ST	F_773044_2918745	Municipal, Federal, or State	0.8577
0 CANTON AV	F_764373_2913726	Municipal Vacant	0.8264
0 GILE RD	F_767444_2917506	Municipal, Federal, or State	0.8264
0 BLUE HILLS PW	F_765560_2916340	Municipal Vacant	0.8264
0 SCHOOL ST	F_771650_2922013	Municipal Vacant	0.8264
0 RIVERSIDE AV	F_779688_2924808	Municipal Vacant	0.8201
255 CANTON AV	F_771129_2920591	Municipal, Federal, or State	0.8200
0 RIVERSIDE AV	F_778856_2925240	Municipal Vacant	0.8186
0 CLAPP ST	F_769366_2918296	Municipal Vacant	0.8173
0 BONAD RD	F_768971_2918870	Municipal Vacant	0.7975
0 HOLLINGSWORTH RD	F_764018_2918920	Municipal Vacant	0.7975

0 ELM ST	F_767886_2918351	Municipal Vacant	0.7975
0 BLUE HILLS PW	F_765956_2921739	Municipal Vacant	0.7975
0 FERNCROFT RD	F_766006_2918029	Municipal Vacant	0.7975
0 THACHER ST	F_767107_2920013	Municipal Vacant	0.7975
0 ELIOT ST	F_771303_2923742	Municipal Vacant	0.7975
0 SIAS LN	F_771431_2918031	Municipal Vacant	0.7975
0 LINCOLN ST	F_768281_2919652	Municipal Vacant	0.7975
0 LINCOLN ST	F_768507_2919738	Municipal Vacant	0.7975
0 MURRAY AV	F_775904_2917527	Municipal, Federal, or State	0.7975
0 CENTRE ST	F_775433_2918217	Municipal, Federal, or State	0.7975
0 ADAMS ST	F_780050_2919677	Municipal Vacant	0.7975
0 WALDECK RD	F_778398_2919996	Municipal Vacant	0.7975
0 ROWE ST	F_778603_2920055	Municipal Vacant	0.7975
0 LOCHLAND ST	F_779160_2921405	Municipal Vacant	0.7975
0 HOWE ST	F_781407_2920790	Municipal Vacant	0.7975
0 BELCHER CR	F_781441_2919749	Municipal Vacant	0.7975
0 BELCHER CR	F_781668_2920440	Municipal Vacant	0.7975
0 ALVIN AV	F_781793_2920946	Municipal Vacant	0.7975
0 ELMWOOD AV	F_781990_2920781	Municipal Vacant	0.7975
0 BRUSH HILL RD	F_758725_2910822	Municipal Vacant	0.7202
0 BLUE HILLS PW	F_765918_2917241	Municipal Vacant	0.7189
0 BLUE HILLS PW	F_766031_2916754	Municipal Vacant	0.7189
0 CANTON AV	F_769529_2917013	Municipal Vacant	0.7189
0 ELIOT ST	F_772538_2923892	Municipal Vacant	0.7189
0 ELIOT ST	F_772538_2923892	Municipal Vacant	0.7189
1200 BRUSH HILL RD	F_758440_2909565	Commercial	0.7167
0 GILE RD	F_766913_2917105	Municipal, Federal, or State	0.6895
0 HARLAND ST	F_769107_2909867	Municipal Vacant	0.6824

0 BROOK RD	F_767972_2920097	Municipal, Federal, or State	0.6820
0 ST AGATHA RD	F_779759_2920321	Municipal Vacant	0.6820
334 EDGE HILL RD	F_779951_2919377	Municipal, Federal, or State	0.6820
0 SILVER BROOK RD	F_764377_2899994	Municipal Vacant	0.4890
0 BLUE HILLS PW	F_765868_2916788	Municipal Vacant	0.4890
0 BROOK HILL RD	F_771813_2923309	Municipal Vacant	0.4886
0 RIVERSIDE AV	F_779985_2925146	Municipal Vacant	0.4885
0 CANTON AV	F_770480_2917731	Municipal, Federal, or State	0.4770
25 GILE RD	F_767921_2916869	Municipal, Federal, or State	0.4760
525 CANTON AV	F_769838_2918009	Municipal, Federal, or State	0.4760
10 WALNUT ST	F_769475_2918133	Municipal, Federal, or State	0.4760
436 CENTRAL AV	F_769306_2919159	Municipal, Federal, or State	0.4719
0 WHARF ST	F_773393_2923661	Municipal Vacant	0.4719
476 CANTON AV	F_770620_2917782	Municipal, Federal, or State	0.2438
5 TUCKER ST	F_764746_2920251	Municipal, Federal, or State	0.2391
102 BLUE HILL AV	F_765571_2920649	Municipal, Federal, or State	0.2391
187 BLUE HILLS PW	F_765866_2920326	Municipal, Federal, or State	0.2391
99 101 BROOK RD	F_765885_2920733	Municipal, Federal, or State	0.2391
26 LOTHROP AV	F_765888_2919379	Municipal, Federal, or State	0.2391

101 BLUE HILLS PW	F_766009_2921308	Municipal, Federal, or State	0.2391
0 CENTRAL AV	F_771627_2923655	Municipal Vacant	0.2391
159 ELIOT ST	F_771165_2923560	Municipal, Federal, or State	0.2391
0 CANTON AV	F_771266_2920136	Municipal Vacant	0.2391
0 LINCOLN ST	F_768594_2919628	Municipal Vacant	0.2391
451 CENTRAL AV	F_768899_2919334	Municipal, Federal, or State	0.2391
25 WHARF ST	F_773561_2923479	Municipal, Federal, or State	0.2391
0 BRADFORD RD	F_775532_2917424	Municipal Vacant	0.2391
0 GRANITE AV	F_778592_2924672	Municipal Vacant	0.2391
0 ROWE ST	F_778761_2920119	Municipal Vacant	0.2391
0 LIBBY RD	F_779013_2920593	Municipal Vacant	0.2391
525 ADAMS ST	F_780451_2919382	Municipal, Federal, or State	0.2391
0 RIVERSIDE AV	F_779427_2925176	Municipal Vacant	0.0007
0 GRANITE AV	F_778609_2925770	Municipal Vacant	0.0007

Appendix E: Town-Owned Parcels Sorted by the NSP BMP Tool's Nitrogen Priority Ranking

Table E-1. Town-Owned Parcels Sorted by BMP Tool Priority Score for Nitrogen Removal

Address	Parloc_ID	Use Description	BMP Tool Priority Score (Max Score = 1)
175 GOV STOUGHTON LN	F_767252_2913063	Municipal, Federal, or State	0.9981
750 RANDOLPH AV	F_774987_2912570	Chapter 61A, 61B, 61 Property	0.9981
0 GILE RD	F_767444_2917506	Municipal, Federal, or State	0.9971
0 GILE RD	F_766913_2917105	Municipal, Federal, or State	0.9971
0 MURRAY AV	F_775366_2917903	Municipal, Federal, or State	0.9971
40 HIGHLAND ST	F_770232_2917411	Municipal, Federal, or State	0.9907
815 BLUE HILL AV	F_761990_2912558	Municipal, Federal, or State	0.9859
25 GILE RD	F_767921_2916869	Municipal, Federal, or State	0.9859
525 CANTON AV	F_769838_2918009	Municipal, Federal, or State	0.9859
10 WALNUT ST	F_769475_2918133	Municipal, Federal, or State	0.9859
0 CENTRE ST	F_774235_2918063	Municipal, Federal, or State	0.9859
753 BLUE HILL AV	F_762389_2913287	Municipal, Federal, or State	0.8923
255 CANTON AV	F_771129_2920591	Municipal, Federal, or State	0.8894
379 CENTRE ST	F_775303_2918919	Municipal, Federal, or State	0.8894

80 EDGE HILL RD	F_777152_2917896	Municipal, Federal, or State	0.8894
0 CANTON AV	F_770480_2917731	Municipal, Federal, or State	0.8507
1200 BRUSH HILL RD	F_758440_2909565	Commercial	0.8487
121 CENTRAL AV	F_770768_2922747	Municipal, Federal, or State	0.8487
211 CENTRE ST	F_773044_2918745	Municipal, Federal, or State	0.8487
476 CANTON AV	F_770620_2917782	Municipal, Federal, or State	0.7563
5 TUCKER ST	F_764746_2920251	Municipal, Federal, or State	0.7523
0 BROOK RD	F_767972_2920097	Municipal, Federal, or State	0.7523
102 BLUE HILL AV	F_765571_2920649	Municipal, Federal, or State	0.7523
187 BLUE HILLS PW	F_765866_2920326	Municipal, Federal, or State	0.7523
99 101 BROOK RD	F_765885_2920733	Municipal, Federal, or State	0.7523
26 LOTHROP AV	F_765888_2919379	Municipal, Federal, or State	0.7523
101 BLUE HILLS PW	F_766009_2921308	Municipal, Federal, or State	0.7523
159 ELIOT ST	F_771165_2923560	Municipal, Federal, or State	0.7523
451 CENTRAL AV	F_768899_2919334	Municipal, Federal, or State	0.7523
436 CENTRAL AV	F_769306_2919159	Municipal, Federal, or State	0.7523

25 WHARF ST	F_773561_2923479	Municipal, Federal, or State	0.7523
0 MURRAY AV	F_775904_2917527	Municipal, Federal, or State	0.7523
0 CENTRE ST	F_775433_2918217	Municipal, Federal, or State	0.7523
334 EDGE HILL RD	F_779951_2919377	Municipal, Federal, or State	0.7523
525 ADAMS ST	F_780451_2919382	Municipal, Federal, or State	0.7523
0 RIVERSIDE AV	F_779427_2925176	Municipal Vacant	0.0335
0 GRANITE AV	F_778609_2925770	Municipal Vacant	0.0335
0 SILVER BROOK RD	F_764377_2899994	Municipal Vacant	0.0331
0 BLUE HILLS PW	F_765868_2916788	Municipal Vacant	0.0331
0 HARLAND ST	F_768992_2910667	Municipal Vacant	0.0331
0 HARLAND ST	F_769107_2909867	Municipal Vacant	0.0331
0 BLUE HILLS PW	F_765560_2916340	Municipal Vacant	0.0322
0 BLUE HILLS PW	F_765918_2917241	Municipal Vacant	0.0322
0 BLUE HILLS PW	F_766031_2916754	Municipal Vacant	0.0322
0 CANTON AV	F_769529_2917013	Municipal Vacant	0.0322
0 HERRICK DR	F_771423_2921815	Municipal Vacant	0.0313
0 RIVERSIDE AV	F_778856_2925240	Municipal Vacant	0.0313
0 RANDOLPH AV	F_773248_2913055	Municipal Vacant	0.0306
0 RIVERSIDE AV	F_779688_2924808	Municipal Vacant	0.0306
0 BRUSH HILL RD	F_758448_2911197	Municipal Vacant	0.0297
0 BLUE HILLS PW	F_766659_2916718	Municipal Vacant	0.0297
0 SCHOOL ST	F_771650_2922013	Municipal Vacant	0.0297
0 HERRICK DR	F_771382_2921419	Municipal Vacant	0.0297
0 ELIOT ST	F_772538_2923892	Municipal Vacant	0.0288
0 ELIOT ST	F_772538_2923892	Municipal Vacant	0.0288
0 CANTON AV	F_764373_2913726	Municipal Vacant	0.0286

0 BLUE HILL AV	F_760967_2908972	Municipal Vacant	0.0284
0 DEER RUN	F_774379_2916970	Municipal Vacant	0.0274
0 CANTON AV	F_768053_2916347	Municipal Vacant	0.0263
0 PAGODA CR	F_765349_2918301	Municipal Vacant	0.0263
0 BLUE HILLS PW	F_766015_2917793	Municipal Vacant	0.0263
0 HARLAND ST	F_768308_2911432	Municipal Vacant	0.0263
0 ELIOT ST	F_768724_2922147	Municipal Vacant	0.0263
0 CLAPP ST	F_769366_2918296	Municipal Vacant	0.0263
0 ORCHARD RD	F_773917_2915207	Municipal Vacant	0.0263
0 ASH ST	F_774033_2915022	Municipal Vacant	0.0263
0 BAILEY AV	F_774202_2915291	Municipal Vacant	0.0263
0 DEAN RD	F_774928_2916048	Municipal Vacant	0.0263
0 RIVERSIDE AV	F_779985_2925146	Municipal Vacant	0.0193
0 BARTONS LN	F_777361_2915979	Municipal Vacant	0.0190
0 HERRICK DR	F_771354_2921121	Municipal Vacant	0.0185
0 BRUSH HILL RD	F_758151_2909857	Municipal Vacant	0.0166
0 ADAMS ST	F_773796_2923093	Municipal Vacant	0.0166
0 CANTON AV	F_771111_2919823	Municipal Vacant	0.0147
0 CHURCHILLS LN	F_773167_2919624	Municipal Vacant	0.0147
0 EDGE HILL RD	F_776885_2917271	Municipal Vacant	0.0147
0 BROOK RD	F_775487_2919451	Municipal Vacant	0.0147
0 CENTRE ST	F_777501_2919999	Municipal Vacant	0.0147
0 BRUSH HILL RD	F_758725_2910822	Municipal Vacant	0.0129
0 BROOK HILL RD	F_771813_2923309	Municipal Vacant	0.0129
0 BONAD RD	F_768971_2918870	Municipal Vacant	0.0121
0 HOLLINGSWORTH RD	F_764018_2918920	Municipal Vacant	0.0121
0 ELM ST	F_767886_2918351	Municipal Vacant	0.0121
0 BLUE HILLS PW	F_765956_2921739	Municipal Vacant	0.0121
0 FERNCROFT RD	F_766006_2918029	Municipal Vacant	0.0121
0 THACHER ST	F_767107_2920013	Municipal Vacant	0.0121

0 CENTRAL AV	F_771627_2923655	Municipal Vacant	0.0121
0 CANTON AV	F_771266_2920136	Municipal Vacant	0.0121
0 ELIOT ST	F_771303_2923742	Municipal Vacant	0.0121
0 SIAS LN	F_771431_2918031	Municipal Vacant	0.0121
0 LINCOLN ST	F_768281_2919652	Municipal Vacant	0.0121
0 LINCOLN ST	F_768507_2919738	Municipal Vacant	0.0121
0 LINCOLN ST	F_768594_2919628	Municipal Vacant	0.0121
0 WHARF ST	F_773393_2923661	Municipal Vacant	0.0121
0 BRADFORD RD	F_775532_2917424	Municipal Vacant	0.0121
0 ST AGATHA RD	F_779759_2920321	Municipal Vacant	0.0121
0 ADAMS ST	F_780050_2919677	Municipal Vacant	0.0121
0 WALDECK RD	F_778398_2919996	Municipal Vacant	0.0121
0 GRANITE AV	F_778592_2924672	Municipal Vacant	0.0121
0 ROWE ST	F_778603_2920055	Municipal Vacant	0.0121
0 ROWE ST	F_778761_2920119	Municipal Vacant	0.0121
0 LIBBY RD	F_779013_2920593	Municipal Vacant	0.0121
0 LOCHLAND ST	F_779160_2921405	Municipal Vacant	0.0121
0 HOWE ST	F_781407_2920790	Municipal Vacant	0.0121
0 BELCHER CR	F_781441_2919749	Municipal Vacant	0.0121
0 BELCHER CR	F_781668_2920440	Municipal Vacant	0.0121
0 ALVIN AV	F_781793_2920946	Municipal Vacant	0.0121
0 ELMWOOD AV	F_781990_2920781	Municipal Vacant	0.0121

Appendix F: Town Outfall Screening Data

Outfall ID	Recieving Waterbody	AU_ID	Inspection Date	Samples Collected	If No, Reason	Ammonia (ppm)	Surfactants (ppm)	Chlorine (ppm)	E Coli (MPN/100 ml)	Odor	Color	Clarity	Deposits/Stains	Priority Ranking	Comments
OF0150	Pine Tree Brook	MA73-29	18-Feb-20	Yes		0.3	0.25	0.15	10	Sewage	Clear	Clear	Stains	Problem	Based on olfactory evidence.
OF0042	Pine Tree Brook	MA73-29	11-Mar-20	Yes		0.1	0	1.33	<10	None	Clear	Clear	None	Problem	Based on previous rankings.
OF0158	Pine Tree Brook	MA73-29	24-Feb-20	No	No Flow					None			None	Problem	Based on previous rankings.
OF0023	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow					None			None	Problem	Based on previous rankings.
OF0043	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow					None			None	Problem	Based on previous rankings.
OF0113	Trout Brook		05-Mar-20	Yes		0	0	0	34000	None	Clear	Clear	Sediment	High Priority	
IN0021			27-Aug-20	Yes		0	0	0.6	1700	None	Clear	Clear	None	High Priority	
OF0026	Unquity Brook	MA73-26	25-Feb-20	Yes		0	0	0	17000	None	Clear	Clear	None	High Priority	
OF0190	Pine Tree Brook	MA73-29	18-Feb-20	Yes		0	0	0	6300	None	Clear	Clear	Stains	High Priority	
OF0159	Pine Tree Brook	MA73-29	18-Feb-20	Yes		0	0	0	2700	None	Clear	Clear	Sediment	High Priority	
OF0091			28-Feb-20	Yes		0	0	0	1800	None	Clear	Clear	None	High Priority	
OF0075	Neponset River	MA73-03	03-Mar-20	Yes		0	0	0	530	None	Clear	Clear	None	High Priority	
OF0028	Unquity Brook	MA73-26	25-Feb-20	Yes		0	0	0	410	None	Clear	Clear	None	High Priority	
OF0226	Trout Brook		20-Feb-20	Yes		0	0.25	0.42	380	None	Clear	Clear	None	High Priority	
OF0084			18-Feb-20	Yes		0	0.25	0	370	None	Clear	Clear	None	High Priority	
OF0106	Balster Brook		20-Feb-20	Yes		0	0	0	360	None	Clear	Clear	None	High Priority	
IN0015			26-Aug-20	Yes		0	0	0	320	None	Clear	Clear	None	High Priority	
OF0038	Pine Tree Brook	MA73-29	05-Mar-20	Yes		0	0.25	0.16	240	None	Clear	Clear	None	High Priority	
OF0064	Pine Tree Brook	MA73-29	03-Mar-20	Yes		0.2	0	2.08	<10	None	Clear	Clear	None	High Priority	
OF0077			28-Feb-20	Yes		0.2	0.5	0	30	None	Clear	Clear	None	High Priority	
OF0107			03-Mar-20	Yes		0.2	0.25	1.83	10	None	Clear	Clear	None	High Priority	
OF0008	Pine Tree Brook	MA73-29	18-Feb-20	Yes		0.1	0	0.34	<10	None	Clear	Clear	None	High Priority	
OF0090			28-Feb-20	Yes		0.1	0	0	130	None	Cloudy	Clear	None	High Priority	
OF0141			05-Mar-20	Yes		0.1	0	0	50	None	Clear	Clear	None	High Priority	
OF0181			28-Feb-20	Yes		0.1	0.5	0	10	None	Clear	Clear	None	High Priority	
OF0099			03-Mar-20	Yes		0	1.5	0.18	20	None	Clear	Clear	None	High Priority	
OF0085			28-Feb-20	Yes		0	0.5	0	<10	None	Clear	Clear	None	High Priority	
OF0219	Neponset River	MA73-03	04-Mar-20	Yes		0	0.5	0	10	None	Clear	Clear	None	High Priority	
OF0004	Pine Tree Brook	MA73-29	18-Feb-20	Yes		0	0.25	0	<10	None	Clear	Clear	Stains	High Priority	
OF0027	Unquity Brook	MA73-26	25-Feb-20	Yes		0	0.25	0	<10	None	Clear	Clear	None	High Priority	
OF0100	Neponset River	MA73-02	20-Feb-20	Yes		0	0.25	0	<10	None	Clear	Clear	None	High Priority	
OF0105			03-Mar-20	Yes		0	0.25	0.26	<10	None	Clear	Clear	None	High Priority	
OF0049	Unquity Brook	MA73-26	05-Mar-20	Yes		0	0.25	0	160	None	Clear	Clear	None	High Priority	
OF0216	Unquity Brook	MA73-26	18-Feb-20	Yes		0	0.25	0	120	None	Clear	Clear	Sediment	High Priority	
OF0194	Neponset River	MA73-03	04-Mar-20	Yes		0	0.25	0	50	None	Clear	Clear	None	High Priority	
OF0215	Unquity Brook	MA73-26	04-Mar-20	Yes		0	0.25	0	40	None	Clear	Clear	None	High Priority	
OF0144	Trout Brook		20-Feb-20	Yes		0	0.25	0.25	10	None	Clear	Clear	Other	High Priority	
OF0145	Trout Brook		20-Feb-20	Yes		0	0.25	0.12	10	None	Clear	Clear	Sediment	High Priority	
OF0127	Balster Brook		20-Feb-20	Yes		0	0	1.92	<10	None	Clear	Clear	Sediment	Low Priority	
OF0156			03-Mar-20	Yes		0	0	0.47	30	None	Clear	Clear	None	Low Priority	
OF0123	Trout Brook		20-Feb-20	Yes		0	0	0.2	10	None	Clear	Clear	Sediment	Low Priority	
OF0076	Neponset River	MA73-04	03-Mar-20	Yes		0	0	0.18	<10	None	Clear	Clear	None	Low Priority	
OF0191	Pine Tree Brook	MA73-29	11-Mar-20	Yes		0	0	0.15	<10	None	Clear	Clear	Other	Low Priority	
OF0151	Pine Tree Brook	MA73-29	05-Mar-20	Yes		0	0	0.12	180	None	Clear	Clear	None	Low Priority	
OF0148			05-Mar-20	Yes		0	0	0.11	<10	None	Clear	Clear	None	Low Priority	
OF0186	Monatiquot River Watershed		11-Mar-20	Yes		0	0	0.11	20	None	Clear	Clear	Sediment	Low Priority	
OF0007	Pine Tree Brook	MA73-29	18-Feb-20	Yes		0	0	0.1	<10	None	Clear	Clear	None	Low Priority	
OF0051	Unquity Brook	MA73-26	18-Feb-20	Yes		0	0	0.1	110	None	Clear	Clear	Sediment	Low Priority	
OF0098			03-Mar-20	Yes		0	0	0.09	<10	None	Clear	Clear	None	Low Priority	

Outfall ID	Recieving Waterbody	AU_ID	Inspection Date	Samples Collected	If No, Reason	Ammonia (ppm)	Surfactants (ppm)	Chlorine (ppm)	E Coli (MPN/100 ml)	Odor	Color	Clarity	Deposits/Stains	Priority Ranking	Comments
OF0149			03-Mar-20	Yes		0	0	0.08	70	None	Clear	Clear	None	Low Priority	
OF0125	Pine Tree Brook	MA73-29	11-Mar-20	Yes		0	0	0.05	20	None	Clear	Clear	None	Low Priority	
IN0001			26-Aug-20	Yes		0	0	0	80	None	Clear	Clear	None	Low Priority	
IN0012			26-Aug-20	Yes		0	0	0.94	<10	None	Clear	Clear	None	Low Priority	
OF0014	Gulliver Creek	MA73-30	24-Feb-20	Yes		0	0	0	<10	None	Clear	Clear	None	Low Priority	
OF0088			28-Feb-20	Yes		0	0	0	<10	None	Clear	Clear	None	Low Priority	
OF0096			03-Mar-20	Yes		0	0	0	<10	None	Clear	Clear	None	Low Priority	
OF0109			20-Feb-20	Yes		0	0	0	<10	None	Clear	Clear	None	Low Priority	
OF0142			05-Mar-20	Yes		0	0	0	<10	None	Clear	Clear	Other	Low Priority	
OF0154			24-Feb-20	Yes		0	0	0	<10	None	Clear	Clear	None	Low Priority	
OF0155			24-Feb-20	Yes		0	0	0	<10	None	Clear	Clear	None	Low Priority	
OF0166	Neponset River	MA73-03	05-Mar-20	Yes		0	0	0	<10	None	Clear	Clear	None	Low Priority	
OF0176	Pine Tree Brook	MA73-29	04-Mar-20	Yes		0	0	0	<10	None	Clear	Clear	None	Low Priority	
OF0185	Gulliver Creek	MA73-30	05-Mar-20	Yes		0	0	0	<10	None	Clear	Clear	None	Low Priority	
OF0213	Unquity Brook	MA73-26	25-Feb-20	Yes		0	0	0	<10	Musty	Clear	Clear	None	Low Priority	
OF0118	Pine Tree Brook	MA73-29	05-Mar-20	Yes		0	0	0	200	None	Clear	Clear	None	Low Priority	
OF0046	Pine Tree Brook	MA73-29	03-Mar-20	Yes		0	0	0	170	None	Clear	Clear	None	Low Priority	
OF0086			18-Feb-20	Yes		0	0	0	130	None	Clear	Clear	None	Low Priority	
OF0030	Unquity Brook	MA73-26	18-Feb-20	Yes		0	0	0	40	None	Clear	Clear	None	Low Priority	
OF0117	Trout Brook		05-Mar-20	Yes		0	0	0	30	None	Clear	Clear	None	Low Priority	
OF0012	Turners Pond	MA73059	03-Mar-20	Yes		0	0	0	20	None	Clear	Clear	None	Low Priority	
OF0031	Unquity Brook	MA73-26	18-Feb-20	Yes		0	0	0	20	None	Clear	Clear	None	Low Priority	
OF0013	Gulliver Creek	MA73-30	24-Feb-20	Yes		0	0	0	10	None	Clear	Clear	None	Low Priority	
OF0157	Russell Pond	MA73003	03-Mar-20	Yes		0	0	0	10	None	Clear	Clear	Sediment	Low Priority	
INLET001	Pine Tree Brook	MA73-29	17-Feb-20	No	Standing Water								None	Low Priority	
OF0048			17-Feb-20	No	Standing Water								None	Low Priority	
OF0059	Neponset River	MA73-03	28-Feb-20	No	Standing Water								Sediment	Low Priority	
OF0082	Neponset River	MA73-04	19-Feb-20	No	Standing Water								Sediment	Low Priority	
OF0108			03-Mar-20	No	Standing Water								Sediment	Low Priority	
OF0160	Pine Tree Brook	MA73-29	03-Mar-20	No	Standing Water								None	Low Priority	
OF0206	Unquity Brook	MA73-26	19-Feb-20	No	Standing Water								None	Low Priority	
OF0223			04-Mar-20	No	Standing Water								None	Low Priority	
OF0224			04-Mar-20	No	Standing Water								None	Low Priority	
OF0225	Trout Brook		18-Feb-20	No	Standing Water								Sediment	Low Priority	
OF0083			19-Feb-20	No	Standing Water									Low Priority	Could not locate outfall, standing water at upstream CB.
IN0002			26-Aug-20	No	No Flow								None	Low Priority	
IN0003			26-Aug-20	No	No Flow								None	Low Priority	
IN0004			20-Aug-20	No	No Flow								None	Low Priority	
IN0005			26-Aug-20	No	No Flow								None	Low Priority	
IN0006			24-Aug-20	No	No Flow								None	Low Priority	
IN0007			20-Aug-20	No	No Flow								None	Low Priority	
IN0008			20-Aug-20	No	No Flow								None	Low Priority	
IN0009			20-Aug-20	No	No Flow								None	Low Priority	
IN0010			24-Aug-20	No	No Flow								None	Low Priority	
IN0011			24-Aug-20	No	No Flow								None	Low Priority	
IN0013			20-Aug-20	No	No Flow								None	Low Priority	
IN0014			20-Aug-20	No	No Flow								None	Low Priority	
IN0016			20-Aug-20	No	No Flow								None	Low Priority	
IN0017			26-Aug-20	No	No Flow								None	Low Priority	

Outfall ID	Recieving Waterbody	AU_ID	Inspection Date	Samples Collected	If No, Reason	Ammonia (ppm)	Surfactants (ppm)	Chlorine (ppm)	E Coli (MPN/100 ml)	Odor	Color	Clarity	Deposits/Stains	Priority Ranking	Comments
IN0018			24-Aug-20	No	No Flow								None	Low Priority	
IN0019			26-Aug-20	No	No Flow								None	Low Priority	
IN0020			26-Aug-20	No	No Flow								None	Low Priority	
IN0022			29-Sep-20	No	No Flow								None	Low Priority	
IN0023			26-Aug-20	No	No Flow								None	Low Priority	
IN0024			20-Aug-20	No	No Flow								None	Low Priority	
IN0025			29-Sep-20	No	No Flow								None	Low Priority	
IN0026			24-Aug-20	No	No Flow								None	Low Priority	
IN0027			29-Sep-20	No	No Flow								None	Low Priority	
IN0028			20-Aug-20	No	No Flow								None	Low Priority	
OF0001	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0002	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0003	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0005	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0006	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0009	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0010	Pine Tree Brook	MA73-29	18-Feb-20	No	No Flow								None	Low Priority	
OF0011	Unquity Brook	MA73-26	18-Feb-20	No	No Flow								None	Low Priority	
OF0015	Gulliver Creek	MA73-30	03-Mar-20	No	No Flow								None	Low Priority	
OF0019	Neponset River	MA73-03	17-Feb-20	No	No Flow								None	Low Priority	
OF0020	Neponset River	MA73-03	17-Feb-20	No	No Flow								None	Low Priority	
OF0021	Neponset River	MA73-03	17-Feb-20	No	No Flow								None	Low Priority	
OF0022	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0024	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0025	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0034	Pine Tree Brook	MA73-29	18-Feb-20	No	No Flow								None	Low Priority	
OF0035	Pine Tree Brook	MA73-29	03-Mar-20	No	No Flow								None	Low Priority	
OF0036	Pine Tree Brook	MA73-29	03-Mar-20	No	No Flow								None	Low Priority	
OF0037	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0040	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0041	Pine Tree Brook	MA73-29	05-Mar-20	No	No Flow								None	Low Priority	
OF0044	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0045	Pine Tree Brook	MA73-29	11-Mar-20	No	No Flow								None	Low Priority	
OF0047	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0050	Unquity Brook	MA73-26	17-Feb-20	No	No Flow								None	Low Priority	
OF0052	Quincy Bay Watershed		05-Mar-20	No	No Flow								Other	Low Priority	
OF0053	Quincy Bay Watershed		17-Feb-20	No	No Flow								None	Low Priority	
OF0054	Pine Tree Brook	MA73-29	18-Feb-20	No	No Flow								None	Low Priority	
OF0055	Pine Tree Brook	MA73-29	25-Feb-20	No	No Flow								None	Low Priority	
OF0057	Quincy Bay Watershed		25-Feb-20	No	No Flow								Sediment	Low Priority	
OF0060	Neponset River	MA73-03	17-Feb-20	No	No Flow								None	Low Priority	
OF0061	Neponset River	MA73-03	25-Feb-20	No	No Flow								None	Low Priority	
OF0062	Neponset River	MA73-03	19-Feb-20	No	No Flow								Sediment	Low Priority	
OF0063	Pine Tree Brook	MA73-29	19-Feb-20	No	No Flow								Sediment	Low Priority	
OF0065	Pine Tree Brook	MA73-29	19-Feb-20	No	No Flow								None	Low Priority	
OF0066	Pine Tree Brook	MA73-29	19-Feb-20	No	No Flow								None	Low Priority	
OF0067	Neponset River	MA73-03	03-Mar-20	No	No Flow								None	Low Priority	

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OF0068	Neponset River	MA73-03	28-Feb-20	No	No Flow								None	Low Priority	
OF0069	Neponset River	MA73-03	19-Feb-20	No	No Flow								None	Low Priority	
OF0070	Neponset River	MA73-03	19-Feb-20	No	No Flow								None	Low Priority	
OF0071	Neponset River	MA73-03	19-Feb-20	No	No Flow								None	Low Priority	
OF0073	Neponset River	MA73-03	19-Feb-20	No	No Flow								None	Low Priority	
OF0074	Neponset River	MA73-03	19-Feb-20	No	No Flow								None	Low Priority	
OF0078			03-Mar-20	No	No Flow								None	Low Priority	
OF0079			03-Mar-20	No	No Flow								None	Low Priority	
OF0080			28-Feb-20	No	No Flow								Sediment	Low Priority	
OF0081			19-Feb-20	No	No Flow								None	Low Priority	
OF0092	Unquity Brook	MA73-26	03-Mar-20	No	No Flow								None	Low Priority	
OF0093	Unquity Brook	MA73-26	28-Feb-20	No	No Flow								None	Low Priority	
OF0097			28-Feb-20	No	No Flow								None	Low Priority	
OF0101	Neponset River	MA73-02	03-Mar-20	No	No Flow								None	Low Priority	
OF0103	Neponset River	MA73-02	20-Feb-20	No	No Flow									Low Priority	
OF0104			20-Feb-20	No	No Flow								None	Low Priority	
OF0112			03-Mar-20	No	No Flow								None	Low Priority	
OF0114	Trout Brook		03-Mar-20	No	No Flow								None	Low Priority	
OF0115	Trout Brook		11-Mar-20	No	No Flow								None	Low Priority	
OF0116	Trout Brook		05-Mar-20	No	No Flow								None	Low Priority	
OF0119	Pine Tree Brook	MA73-29	05-Mar-20	No	No Flow								None	Low Priority	
OF0120	Pine Tree Brook	MA73-29	05-Mar-20	No	No Flow								None	Low Priority	
OF0121			05-Mar-20	No	No Flow								None	Low Priority	
OF0122			17-Feb-20	No	No Flow								None	Low Priority	
OF0124	Trout Brook		05-Mar-20	No	No Flow								None	Low Priority	
OF0126			20-Feb-20	No	No Flow								Sediment	Low Priority	
OF0143	Trout Brook		04-Mar-20	No	No Flow								Sediment	Low Priority	
OF0147			20-Feb-20	No	No Flow								None	Low Priority	
OF0162	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0163	Neponset River	MA73-03	18-Feb-20	No	No Flow								None	Low Priority	
OF0165	Neponset River	MA73-03	17-Feb-20	No	No Flow								None	Low Priority	
OF0175	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0182A	Monatiquot River Watershed		04-Mar-20	No	No Flow								Sediment	Low Priority	
OF0183	Unquity Brook	MA73-26	28-Feb-20	No	No Flow								None	Low Priority	
OF0184			05-Mar-20	No	No Flow								Sediment	Low Priority	
OF0187			24-Feb-20	No	No Flow								Sediment	Low Priority	
OF0188	Pine Tree Brook	MA73-29	05-Mar-20	No	No Flow								Stains	Low Priority	
OF0189	Pine Tree Brook	MA73-29	11-Mar-20	No	No Flow								None	Low Priority	
OF0192	Pine Tree Brook	MA73-29	17-Feb-20	No	No Flow								None	Low Priority	
OF0193	Pine Tree Brook	MA73-29	18-Feb-20	No	No Flow								None	Low Priority	
OF0196	Neponset River	MA73-03	05-Mar-20	No	No Flow								None	Low Priority	
OF0197	Neponset River	MA73-03	11-Mar-20	No	No Flow								None	Low Priority	
OF0198	Neponset River	MA73-03	04-Mar-20	No	No Flow								None	Low Priority	
OF0199	Neponset River	MA73-03	19-Feb-20	No	No Flow								None	Low Priority	
OF0200	Neponset River	MA73-03	19-Feb-20	No	No Flow								None	Low Priority	
OF0201	Neponset River	MA73-03	19-Feb-20	No	No Flow								None	Low Priority	
OF0202	Pine Tree Brook	MA73-29	19-Feb-20	No	No Flow								None	Low Priority	
OF0203	Pine Tree Brook	MA73-29	19-Feb-20	No	No Flow								None	Low Priority	
OF0204	Neponset River	MA73-03	19-Feb-20	No	No Flow								None	Low Priority	

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OF0205	Pine Tree Brook	MA73-29	19-Feb-20	No	No Flow								None	Low Priority	
OF0207	Unquity Brook	MA73-26	19-Feb-20	No	No Flow								None	Low Priority	
OF0208	Unquity Brook	MA73-26	04-Mar-20	No	No Flow								None	Low Priority	
OF0209	Unquity Brook	MA73-26	18-Feb-20	No	No Flow								None	Low Priority	
OF0210	Unquity Brook	MA73-26	18-Feb-20	No	No Flow								None	Low Priority	
OF0211	Unquity Brook	MA73-26	18-Feb-20	No	No Flow								None	Low Priority	
OF0212	Unquity Brook	MA73-26	25-Feb-20	No	No Flow								None	Low Priority	
OF0214	Unquity Brook	MA73-26	25-Feb-20	No	No Flow								None	Low Priority	
OF0217	Unquity Brook	MA73-26	18-Feb-20	No	No Flow								None	Low Priority	
OF0218			04-Mar-20	No	No Flow								Sediment	Low Priority	
OF0222			17-Feb-20	No	No Flow								None	Low Priority	
OF0227	Neponset River	MA73-02	18-Feb-20	No	No Flow								None	Low Priority	
OF0228			04-Mar-20	No	No Flow								None	Low Priority	
OF0230	Pine Tree Brook	MA73-29	20-Feb-20	No	No Flow								None	Low Priority	
OF0231			20-Feb-20	No	No Flow								Sediment	Low Priority	
OF0094			28-Feb-20	No	No Flow								None	Low Priority	
OF0018	Neponset River	MA73-03	17-Feb-20	No	No Flow								None	Low Priority	
OF0182b	Monatiquot River Watershed		04-Mar-20	No	No Flow								Sediment	Low Priority	
OF0029			25-Feb-20	No	CNL									Low Priority	
OF0140	Pine Tree Brook	MA73-29	11-Mar-20	No	CNL									Low Priority	Unble to locate outfall do to heavy thorn-bush. Could not locate manhole MH0401
OF0102	Neponset River	MA73-02	03-Mar-20	No	CNL									Low Priority	Cannot locate outfall, no upstream features mapped.
OF0180			05-Mar-20	No	CNL									Low Priority	Could not locate outfall
OF0039	Pine Tree Brook	MA73-29	17-Feb-20	No	CNL									Low Priority	CNL outfall, Suspect outfall does not exist.
OF0087			18-Feb-20	No	CNL									Low Priority	Cannot locate outfall
OF0152	Pine Tree Brook	MA73-29	03-Mar-20	No	Other									Low Priority	Culvert, Inspect upstream MH.
OF0072	Neponset River	MA73-03	19-Feb-20	No	Other									Low Priority	Culvert, not an outfall.
OF0153	Pine Tree Brook	MA73-29	18-Feb-20	No	Other									Low Priority	Culvert, not an outfall.
OF0032	Unquity Brook	MA73-26	03-Mar-20	No	Other									Low Priority	Culvert, not an outfall.
OF0033	Unquity Brook	MA73-26	18-Feb-20	No	Other								None	Low Priority	Culvert, not an outfall
OF0089			18-Feb-20	No	Other									Low Priority	Structure is an inlet, it is not an outfall.
OF0111			03-Mar-20	No	Other									Low Priority	Mapped feature is an inlet, not an outfall.
OF0016			24-Feb-20	No	Other									Low Priority	Outfall does not exist.
OF0017			24-Feb-20	No	Other								None	Low Priority	Outfall does not exist.