Nutrient Source Identification Report
Town of Foxborough

Prepared By: Neponset River Watershed Association
June 15, 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 Foxborough ("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 Taunton River Watershed. Additionally, as mapped in GIS, a very small section of the Town is located in the Charles River Watershed, but there are no catchments in that area and the area (less than 20 acres) was deemed small enough that it is not included in this report. Of the 9 receiving waters identified on 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. Further, catchments in the Taunton River Watershed are subject to the Mount Hope Bay TMDL.

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 Foxborough

Receiving Water	Number of Outfalls	Impaired for P?	Impaired for N?	Other Impairments
Neponset River (MA73-01)	21	Yes	No	Dissolved Oxygen, TSS, E. Coli, DDT, PCB, Sedimentation, Excess Algal Growth, Other
Rumford River (MA62-39)	32	No	No	Aquatic Macroinvertebrate Bioassessments, Dioxin, Fecal Coliform, PCP, Sedimentation, Fishes Bioassessment, Physical Habitat Substrate Alteration
Canoe River (MA62-27)	24	No	No	
Wading River (MA62-47)	45	No	No	Dissolved Oxygen, Fecal Coliform
Carpenter Pond (MA62032)	2	No	No	
Neponset Reservoir (MA73034)	21	No	No	TSS, Excess Algae Growth, Non-Native Aquatic Plants
Robinson Brook (MA62-14)	36	No	No	Aquatic Macroinvertebrate Bioassessments, Physical Habitat Substrate Alteration
Mirimichi (MA62118	1	No	No	Non-Native Aquatic Plants
Plane St. Pond (MA52032)	3	No	No	Excess Algal Growth, Non-Native Aquatic Plants

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 (the area draining to each town-owned stormwater discharge point) 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.

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."

Note that one catchment in the Town's data set identified as "N/A" was a multipart shapefile made up of several catchments spread throughout the Town. This was assumed to be a collective entry for catchments with no definitive outfall. While this catchment was included in analysis, it was removed from any rankings.

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

The total area of the Town is approximately 13,314 acres. Since all areas of the Town are located either in the Neponset River Watershed or the Taunton 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 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 Taunton River Watershed are subject to the Mt. Hope Bay TMDL and therefore were also included in catchment rankings for nitrogen.

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

Receiving Water Impaired for Phosphorus	Neponset Watershed	Taunton Watershed	Total
Total Area of Town (Acres)	2,686	10,628	13,314
Area Draining to Phosphorous Impaired Waters or Potentially Impaired Waters (Acres)	2,686	10,628	13,314
Area Draining to Nitrogen Impaired or Potentially Impaired Waters (Acres)	2,686	10,628	13,314

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	Taunton Watershed	Total
Impervious Area (Acres)	563	1,362	1,925

Estimated DCIA (Acres)	16	29	45

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 Taunton 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 Taunton River Watershed

Catchment Identifier	Impervious Area (Acres)	Percent Impervious	DCIA (Acres)	Percent DCIA
12-08	21.09	57.69 %	4.32	11.81 %
22-100	17.41	23.76 %	1.55	2.12 %
12-103	16.57	50.30 %	2.86	8.68 %
20-07	15.34	29.16 %	2.91	5.53 %
04-100	15.31	64.94 %	6.16	26.12 %
08-11	10.41	21.98 %	1.29	2.73 %
09-02	7.77	24.57 %	1.24	3.93 %
06-13	7.65	30.90 %	2.18	8.80 %
08-15	7.55	43.92 %	1.90	11.04 %
12-09	6.52	52.28 %	1.47	11.80 %
Top 10 Catchments as a % of Town Watershed Total	27.99 %		27.44 %	

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
08-21	11.04	45.70 %	3.42	14.17 %
02-08	7.20	20.50 %	0.93	2.65 %
02-100	5.12	76.15 %	1.63	24.25 %
012	5.04	83.12 %	3.14	51.78 %
02-09	4.72	22.74 %	0.64	3.10 %
08-03	4.48	16.74 %	0.71	2.67 %
05-02	4.39	28.40 %	0.89	5.76 %
07-100	4.03	21.78 %	0.55	2.96 %
05-11	3.91	21.33 %	0.54	2.97 %
05-12	3.08	22.28 %	0.53	3.81 %
Top 10 Catchments as a % of Town Watershed Total	49.33 %		45.66 %	

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 7-10 below show the five catchments with the highest estimated phosphorus and nitrogen loading, respectively.

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

Catchment Identifier	Estimated P Load (Lbs/Yr)
22-100	45.20
12-08	42.04
20-07	34.59
12-103	33.02
04-100	28.21
Top 5 as a % of Total Town Watershed Load	18.34 %

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

Catchment Identifier	Estimated N Load (Lbs/Yr)
22-100	387.13
12-08	327.45
20-07	285.56
12-103	266.65
04-100	224.90
Top 5 as a % of Total Town Watershed Load	18.32 %

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

Catchment Identifier	Estimated P Load (Lbs/Yr)
08-21	21.62
02-08	19.54
02-09	13.04
08-03	9.86
02-100	9.49
Top 5 as a % of Total Town Watershed Load	30.58 %

Table 10. Estimated Nitrogen Loading for Five Highest-Load Town Catchments in the Neponset River Watershed

Catchment Identifier	Estimated N Load (Lbs/Yr)
08-21	169.18
02-08	156.13
02-09	108.39
07-04	82.93
02-100	75.78
Top 5 as a % of Total Town Watershed Load	31.05 %

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

As of the writing of this report, outfall screening results are not available. Once they become available, they will be discussed in this section and the findings shall be incorporated into the determination of the highest priority catchments with respect to phosphorus and nitrogen loading. When completed, outfall screening data will be added to Appendix F of this report.

Catchment Prioritization

Since no outfall screening data are currently available to improve projections, 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). When outfall screening data become available, 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 11-14 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 11. High-Priority Parcels in the Taunton Watershed to be Considered for SCM Development for Phosphorus Pollution

Address	Parloc_ID	Catchment	Notes
46-48 North Grove St	M_219479_864627	19-21	Appears to be a residential parcel, but includes undeveloped land to the rear. May be difficult, but could be made to accept runoff from the neighborhood.
58-60 North Grove St	M_219584_864547	19-21	Appears to be a residential parcel, but includes undeveloped land to the rear. May be difficult, but could be made to accept runoff from the neighborhood.
196 South St	M_220390_866506	010	Charles G. Taylor Elementary School with open spaces throughout.
111 Mechanic St	M_221674_868806	08-17	John J. Ahern Middle School with open spaces throughout.
Bradner St	M_221076_865139	20-26	Undeveloped parcel in residential area.

*Few highly-rated Town-owned parcels were found in the Taunton River Watershed in prioritized catchments. It is recommended that roadways in the high-load catchments are strongly considered to address phosphorus pollution.

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

Address	Parloc_ID	Catchment	Notes
10 Bird Street	M_220651_868426	12-08	Boydon Library. Not a lot of open space, but scored highly by the NSP BMP Tool.
196 South St	M_220390_866506	010	Charles G. Taylor Elementary School with open spaces throughout.
1-40 Centennial Ct	M_22047_868043	12-103	Multi-family housing area with some green spaces.
40 South St	M_220691_868058	12-103	Foxborough Town Hall. Large parking area with some open green spaces.
Unlisted	M_220524_868267	12-103	Multiple unit building with moderately-sized parking area.

Table 13. High-Priority Parcels in the Neponset River Watershed to be Considered for SCM Development for Phosphorus Pollution

Address	Parloc_ID	Catchment	Notes
Young Rd	M_220234_871577	02-08	Undeveloped parcel in residential area.
Beach St	M_222189_871726	02-09	Undeveloped parcel near residential area.
25 Pumping Station Rd	M_221637_869761	08-03	Large undeveloped parcel near residential area.
8 Chestnut St	M_219985_869475	08-21	Large building with very large parking area and open space on the north side.
66-68 Baker Street	M_220382_869277	08-02	Multi-family housing area with some green spaces.

*Very few Town-owned parcels were found in the Neponset River Watershed in prioritized catchments. It is recommended that roadways in the high-load catchments are strongly considered to address phosphorus pollution.

Table 14. High-Priority Parcels in the Neponset River Watershed to be Considered for SCM Development for Nitrogen Pollution

Address	Parloc_ID	Catchment	Notes
8 Chestnut St	M_219985_869475	08-21	Large building with very large parking area and open space on the north side.
25 Pumping Station Rd	M_221637_869761	08-03	Large undeveloped parcel near residential area.
Young Rd	M_220234_871577	02-08	Undeveloped parcel in residential area.
Beach St	M_222189_871726	02-09	Undeveloped parcel near residential area.
90 Baker St	M_220516_869194	08-02	Multi-family housing area with some green spaces.

*Very few Town-owned parcels were found in the Neponset River Watershed in prioritized catchments. It is recommended that roadways in the high-load catchments are strongly considered to address nitrogen pollution.

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 Taunton River Watershed, Sorted by Impervious Area

Catchment Identifier	Impervious Area (Acres)	Percent Impervious	DCIA (Acres)	Percent DCIA
N/A	102.55	27.13	7.04	1.86
12-08	21.09	57.69	4.32	11.81
22-100	17.41	23.76	1.55	2.12
12-103	16.57	50.30	2.86	8.68
20-07	15.34	29.16	2.91	5.53
04-100	15.31	64.94	6.16	26.12
08-11	10.41	21.98	1.29	2.73
09-02	7.77	24.57	1.24	3.93
06-13	7.65	30.90	2.18	8.80
08-15	7.55	43.92	1.90	11.04
12-09	6.52	52.28	1.47	11.80
17-07	6.04	24.08	1.12	4.47
010	6.04	21.89	0.88	3.20
005	5.98	26.94	1.28	5.79
19-12	5.83	26.44	1.24	5.61
08-01	5.29	25.28	1.05	5.03
04-01	5.12	25.42	1.21	5.99
20-03	4.87	55.81	2.18	24.97
06-02	4.70	22.57	0.68	3.29
13-17	4.53	35.73	1.25	9.85
22-01	4.48	27.67	1.35	8.31
08-17	4.05	28.40	1.57	11.00
18-07	3.61	21.29	0.66	3.90
12-07	3.53	29.29	0.88	7.28
20-26	3.45	13.88	0.36	1.46
014	3.43	37.57	0.84	9.24
09-19	3.36	24.10	0.52	3.69
15-03	2.89	15.28	0.47	2.47
19-03	2.86	19.16	0.37	2.47

16-02	2.77	63.93	1.29	29.90
07-03	2.73	18.11	0.43	2.83
06-07	2.71	22.75	0.73	6.11
14-01	2.70	33.78	0.60	7.46
09-14	2.54	11.98	0.34	1.58
16-13	2.49	19.44	0.41	3.17
19-21	2.43	12.67	0.42	2.21
09-15	2.40	20.09	0.42	3.53
18-08	2.37	31.41	0.60	8.02
20-11	2.30	12.46	0.31	1.70
12-11	2.27	29.72	0.62	8.06
14-13	2.23	45.63	0.80	16.36
001	2.11	17.49	0.25	2.06
09-101	1.91	26.63	0.50	6.95
22-02	1.85	28.97	0.41	6.46
08-100	1.84	48.89	0.99	26.22
09-12	1.84	21.62	0.40	4.75
12-10	1.80	34.53	0.48	9.32
06-10	1.77	18.16	0.23	2.40
016	1.72	30.33	0.47	8.33
20-35	1.67	23.11	0.40	5.58
13-02	1.66	47.64	0.76	21.83
18-03	1.66	29.92	0.41	7.48
08-10	1.65	23.94	0.39	5.62
12-102	1.60	45.47	0.69	19.68
20-32	1.60	32.65	0.46	9.48
19-17	1.59	30.46	0.44	8.37
07-08	1.54	26.89	0.28	4.85
22-10	1.50	35.75	0.31	7.31
09-10	1.45	28.52	0.53	10.37
19-11	1.39	16.51	0.33	3.88
09-22	1.39	60.97	0.85	37.46

008	1.35	26.73	0.31	6.22
20-17	1.34	17.01	0.19	2.36
12-02	1.34	18.01	0.36	4.82
13-18	1.30	15.12	0.19	2.22
19-15	1.28	25.69	0.29	5.75
13-100	1.22	22.42	0.38	6.92
09-20	1.21	29.11	0.32	7.80
17-12	1.17	38.97	0.31	10.29
20-102	1.14	20.44	0.25	4.46
06-01	1.13	31.06	0.27	7.41
20-25	1.13	46.86	0.47	19.58
16-100	1.12	35.19	0.34	10.63
20-27	1.11	16.93	0.23	3.48
11-03	1.09	18.33	0.28	4.72
16-12	1.09	31.00	0.36	10.17
003	1.05	50.52	0.36	17.16
06-03	1.03	21.98	0.21	4.50
22-11	1.01	34.70	0.33	11.44
14-12	0.98	39.51	0.36	14.74
22-05	0.96	13.01	0.14	1.93
12-04	0.96	15.69	0.19	3.04
13-19	0.95	66.29	0.48	33.22
09-21	0.94	55.20	0.61	35.42
11-04	0.91	27.28	0.32	9.63
004	0.90	33.33	0.32	11.90
12-100	0.88	59.22	0.28	18.86
20-34	0.87	26.63	0.23	7.02
06-04	0.86	15.45	0.15	2.71
20-28	0.85	16.54	0.21	4.12
19-16	0.81	15.81	0.12	2.36
20-100	0.80	39.68	0.42	20.78
15-05	0.79	28.89	0.21	7.85

19-01	0.78	36.82	0.24	11.41
10-01	0.78	30.98	0.42	16.61
19-13	0.77	26.95	0.24	8.54
22-03	0.76	18.77	0.20	4.98
18-02	0.76	25.42	0.26	8.73
06-101	0.75	30.96	0.17	7.19
17-09	0.74	17.19	0.13	2.95
16-11	0.73	22.82	0.17	5.18
13-07	0.73	31.67	0.28	12.30
17-04	0.71	15.05	0.17	3.51
14-14	0.71	2.89	0.06	0.24
16-06	0.67	26.57	0.16	6.16
18-101	0.67	40.68	0.31	19.00
14-10	0.66	30.80	0.20	9.32
14-05	0.65	32.66	0.15	7.56
19-02	0.64	36.38	0.26	14.60
18-11	0.63	37.72	0.23	13.43
18-01	0.63	28.25	0.21	9.21
20-24	0.62	26.77	0.22	9.52
20-19	0.61	37.59	0.18	11.12
13-06	0.60	36.43	0.19	11.79
19-05	0.59	50.98	0.31	27.10
09-100	0.58	27.73	0.15	7.19
13-14	0.57	41.41	0.28	20.60
13-08	0.56	52.30	0.15	14.36
22-08	0.53	31.29	0.18	10.74
09-18	0.53	25.98	0.13	6.49
09-16	0.52	54.29	0.22	22.64
08-18	0.52	67.60	0.20	26.53
13-20	0.52	42.43	0.18	14.71
20-06	0.51	30.72	0.20	12.04
17-02	0.50	22.23	0.13	5.62

14-08	0.49	55.47	0.32	35.76
15-06	0.49	63.36	0.28	35.65
20-10	0.49	19.68	0.17	7.03
12-01	0.49	37.90	0.15	11.57
08-08	0.48	41.88	0.21	18.35
20-29	0.48	28.20	0.12	6.80
22-04	0.46	17.10	0.15	5.67
15-07	0.45	23.71	0.12	6.15
013	0.45	43.35	0.25	23.68
16-04	0.45	47.92	0.16	17.38
19-18	0.44	27.15	0.20	12.04
16-14	0.43	39.92	0.24	21.86
20-15	0.43	20.09	0.12	5.49
12-03	0.42	77.81	0.33	59.82
06-09	0.42	11.62	0.08	2.13
06-05	0.42	27.95	0.20	13.23
15-01	0.42	23.76	0.08	4.55
20-05	0.41	95.43	0.40	93.23
22-09	0.40	21.70	0.08	4.10
16-07	0.40	37.45	0.13	12.44
13-01	0.36	86.33	0.25	60.04
20-08	0.36	87.33	0.20	49.54
19-14	0.35	25.79	0.11	8.11
09-17	0.35	27.33	0.11	8.90
22-13	0.34	31.74	0.11	10.47
22-12	0.34	43.22	0.20	25.42
20-14	0.34	9.59	0.05	1.32
20-09	0.34	47.07	0.17	23.41
18-10	0.33	51.93	0.16	25.64
22-14	0.33	15.71	0.08	3.97
13-21	0.32	24.59	0.10	7.41
002	0.32	30.72	0.14	13.56

18-100	0.31	43.66	0.15	21.27
07-01	0.31	36.48	0.15	17.12
19-10	0.30	64.13	0.20	43.13
22-07	0.26	51.81	0.18	36.20
11-02	0.26	31.45	0.10	11.76
19-20	0.26	29.24	0.08	9.42
06-08	0.26	19.38	0.08	5.84
15-08	0.26	21.46	0.09	7.65
11-01	0.25	2.99	0.02	0.21
22-06	0.24	9.23	0.04	1.46
17-03	0.23	37.76	0.07	11.86
20-12	0.22	44.79	0.08	16.10
14-06	0.22	77.23	0.19	66.46
20-33	0.21	73.61	0.15	52.47
13-15	0.21	81.36	0.15	56.39
20-101	0.21	70.74	0.18	59.50
19-09	0.21	83.28	0.19	76.00
13-04	0.21	42.82	0.10	21.30
06-12	0.20	56.29	0.15	42.14
17-11	0.20	23.35	0.06	6.78
18-05	0.19	32.02	0.10	17.02
10-02	0.18	24.86	0.09	12.37
13-12	0.18	55.15	0.07	22.23
13-05	0.17	15.10	0.03	2.81
18-06	0.17	54.46	0.12	39.78
17-05	0.17	25.72	0.06	9.02
09-01	0.17	28.22	0.04	6.54
12-101	0.16	56.38	0.08	26.49
14-02	0.16	23.55	0.04	6.61
14-11	0.16	78.14	0.11	56.60
21-03	0.16	41.04	0.08	21.09
09-11	0.16	93.53	0.15	90.45

20-31	0.15	69.40	0.09	41.92
14-09	0.14	40.32	0.05	15.04
20-01	0.14	63.65	0.11	50.16
13-03	0.14	31.41	0.08	16.95
04-02	0.14	95.86	0.14	93.85
007	0.14	22.25	0.04	6.58
18-09	0.13	91.37	0.13	87.34
16-01	0.13	41.52	0.08	24.45
009	0.13	31.37	0.06	15.25
20-02	0.12	70.52	0.09	49.00
21-01	0.12	32.35	0.04	10.69
06-11	0.12	36.05	0.05	16.00
19-19	0.11	48.66	0.08	33.94
20-04	0.11	49.74	0.07	29.92
19-06	0.11	34.76	0.06	19.05
19-04	0.10	62.24	0.06	34.90
06-06	0.10	51.29	0.05	27.89
19-07	0.09	94.52	0.08	91.89
15-02	0.08	24.46	0.03	8.89
14-07	0.08	42.30	0.05	27.51
21-02	0.08	87.82	0.07	82.30
09-03	0.07	50.72	0.05	36.12
09-09	0.07	9.78	0.02	3.06
20-13	0.07	98.04	0.06	93.10
19-08	0.06	43.39	0.04	28.58
19-100	0.06	23.86	0.02	8.25
13-09	0.05	89.40	0.04	71.41
20-16	0.05	86.54	0.05	80.51
12-05	0.04	32.78	0.02	18.04
09-04	0.04	86.78	0.04	80.85
14-03	0.04	34.77	0.02	20.50
07-07	0.03	37.47	0.02	22.93

17-06	0.03	94.13	0.03	87.97
13-10	0.03	87.31	0.02	81.16
17-01	0.03	97.94	0.02	80.66
17-10	0.02	82.19	0.01	74.52
14-04	0.01	96.79	0.01	95.23
06-100	0.01	39.10	0.00	17.38
13-11	0.01	88.75	0.00	59.81
13-13	0.00	6.18	0.00	1.53

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
08-21	11.04	45.70	3.42	14.17
02-08	7.20	20.50	0.93	2.65
02-100	5.12	76.15	1.63	24.25
012	5.04	83.12	3.14	51.78
02-09	4.72	22.74	0.64	3.10
08-03	4.48	16.74	0.71	2.67
05-02	4.39	28.40	0.89	5.76
07-100	4.03	21.78	0.55	2.96
05-11	3.91	21.33	0.54	2.97
05-12	3.08	22.28	0.53	3.81
05-07	2.68	24.36	0.60	5.50
05-15	2.67	27.15	0.45	4.57
08-02	2.52	48.53	1.22	23.53
08-13	2.50	32.43	0.43	5.55
05-01	2.43	23.20	0.80	7.58
05-19	2.41	18.64	0.32	2.48
07-04	2.22	7.82	0.13	0.47
05-100	2.17	47.80	0.89	19.73
08-06	2.09	23.70	0.40	4.53

02-04	2.08	20.96	0.46	4.60
08-19	1.81	25.03	0.32	4.40
08-09	1.74	86.47	0.89	44.36
04-03	1.66	21.26	0.26	3.30
05-16	1.58	22.07	0.28	3.94
02-06	1.47	36.59	0.38	9.40
08-07	1.46	47.87	0.53	17.26
015	1.45	29.77	0.48	9.88
05-10	1.44	17.83	0.27	3.32
07-05	1.34	23.29	0.22	3.79
07-06	1.31	38.47	0.37	10.77
02-101	1.19	38.33	0.34	10.97
02-01	1.17	37.14	0.53	16.68
08-22	1.08	35.80	0.66	21.94
07-02	1.05	15.85	0.16	2.41
02-102	0.97	18.30	0.19	3.56
05-14	0.96	30.62	0.33	10.62
05-13	0.85	22.98	0.19	5.14
07-09	0.82	18.55	0.16	3.55
02-10	0.79	46.73	0.42	25.04
05-05	0.78	40.06	0.37	18.77
05-08	0.73	28.52	0.25	9.76
08-14	0.64	13.27	0.14	2.78
011	0.59	22.25	0.18	6.69
08-12	0.57	48.07	0.33	27.42
02-103	0.44	35.53	0.15	12.20
05-20	0.43	15.17	0.12	4.07
05-06	0.39	14.36	0.11	4.08
02-12	0.33	28.12	0.08	7.26
08-20	0.32	73.39	0.21	47.93
02-104	0.28	45.46	0.11	18.70
05-18	0.23	80.42	0.21	70.92

02-02	0.13	50.18	0.05	21.10
02-07	0.13	28.54	0.07	14.90
05-09	0.12	36.59	0.06	19.24
08-05	0.10	90.54	0.10	86.16
02-105	0.08	79.14	0.07	70.00
02-03	0.07	59.28	0.04	39.16
05-03	0.05	99.42	0.04	67.86
08-16	0.05	55.69	0.03	36.99
006	0.04	73.54	0.03	63.07
05-04	0.03	100.00	0.03	100.00
02-11	0.02	3.42	0.00	0.55
02-05	0.02	88.02	0.01	75.46
02-106	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 Taunton River Watershed

Catchment Identifier	Estimated P Load (Lbs/Yr)
N/A	227.92
22-100	45.20
12-08	42.04
20-07	34.59
12-103	33.02
04-100	28.21
08-11	26.39
08-15	17.10
09-02	16.92
06-13	15.58
19-12	14.29
010	14.26
12-09	13.70
17-07	12.75
005	12.64
06-02	11.47
04-01	11.07
08-01	10.96
20-26	10.88
13-17	9.67
15-03	9.35
09-19	8.93
20-03	8.85
22-01	8.74
07-03	8.48
19-21	8.20
09-14	8.12
19-03	8.06
08-17	7.76
12-07	7.47
18-07	7.38
014	7.17
09-15	6.65
16-13	6.54
20-11	6.47
06-10	5.68
06-07	5.68
14-01	5.28
09-12	5.03
16-02	4.98
12-11	4.80
08-10	4.70
18-08	4.61
001	4.49
14-13	4.22
12-02	4.11
12-102	4.07
07-08	4.01
13-18	3.86
08-100	3.75
09-101	3.72
12-10	3.63
22-02	3.59
016	3.35
20-35	3.31
14-14	3.31
22-10	3.29
13-02	3.25
22-05	3.21
20-27	3.19

18-03	3.19
19-17	3.19
20-32	3.07
20-102	3.04
19-11	2.92
09-20	2.87
09-10	2.83
20-17	2.72
008	2.66
11-03	2.62
19-15	2.62
09-22	2.55
06-01	2.39
13-100	2.38
22-11	2.35
20-25	2.34
06-04	2.28
17-12	2.25
16-100	2.23
12-04	2.11
16-12	2.10
06-03	2.06
003	2.00
11-04	1.97
004	1.89
19-13	1.88
14-12	1.87
19-16	1.84
12-100	1.79
20-34	1.77
09-21	1.76
13-19	1.74

20-28	1.72
06-09	1.72
19-01	1.69
13-07	1.59
15-05	1.54
17-09	1.53
16-11	1.52
20-100	1.52
22-03	1.52
06-101	1.51
17-04	1.48
10-01	1.46
18-02	1.46
19-02	1.41
20-14	1.38
09-100	1.35
20-19	1.33
16-06	1.33
13-06	1.30
09-18	1.30
14-10	1.29
14-05	1.28
18-101	1.25
18-01	1.22
18-11	1.21
13-08	1.19
20-24	1.19
13-14	1.16
20-29	1.14
15-01	1.12
11-01	1.12
22-06	1.11

19-05	1.09
15-07	1.09
22-14	1.05
09-16	1.03
22-08	1.02
12-01	1.01
17-02	1.00
13-20	0.98
22-04	0.98
08-18	0.97
20-06	0.96
22-09	0.96
20-10	0.96
09-17	0.95
08-08	0.93
14-08	0.92
15-06	0.90
013	0.89
16-07	0.89
06-05	0.88
16-04	0.87
20-15	0.86
19-18	0.84
16-14	0.80
19-14	0.77
12-03	0.77
20-05	0.73
22-13	0.67
13-21	0.67
13-01	0.67
20-08	0.64
15-08	0.63

07-01	0.63
22-12	0.63
20-09	0.62
18-10	0.60
002	0.60
18-100	0.58
19-20	0.58
19-10	0.57
11-02	0.55
06-08	0.51
17-03	0.50
22-07	0.48
13-05	0.48
20-12	0.46
17-11	0.40
14-06	0.39
20-33	0.39
13-15	0.39
20-101	0.39
13-04	0.39
19-09	0.38
13-12	0.38
06-12	0.37
17-05	0.37
18-05	0.35
10-02	0.34
09-01	0.34
09-09	0.33
12-101	0.32
14-02	0.31
18-06	0.31
21-03	0.29

14-11	0.29
007	0.28
20-31	0.28
09-11	0.28
14-09	0.28
009	0.27
13-03	0.26
16-01	0.25
20-01	0.25
04-02	0.25
06-11	0.25
20-02	0.24
18-09	0.24
21-01	0.24
15-02	0.21
20-04	0.21
19-19	0.21
19-06	0.20
19-04	0.19
06-06	0.19
19-07	0.15

14-07	0.14
21-02	0.14
09-03	0.14
19-08	0.12
20-13	0.12
19-100	0.12
13-09	0.09
20-16	0.09
12-05	0.08
09-04	0.08
14-03	0.07
07-07	0.07
17-06	0.05
13-10	0.05
17-01	0.05
17-10	0.03
14-04	0.02
06-100	0.02
13-11	0.01
13-13	0.01

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

Catchment Identifier	Estimated P Load (Lbs/Yr)
08-21	21.62
02-08	19.54
02-09	13.04
08-03	9.86
02-100	9.49
07-04	9.33
05-02	9.27
07-100	9.22
05-11	8.61
012	8.41
05-12	7.01
05-19	6.43
08-06	5.86
08-02	5.86
05-15	5.79
05-07	5.67
02-04	5.66
08-13	5.42
05-01	4.97
05-100	4.03
08-19	4.02
04-03	3.88
08-07	3.36
07-05	3.24
05-16	3.23
08-09	3.13
07-06	2.93
05-10	2.92
02-06	2.84
015	2.72
02-101	2.68
07-02	2.68
02-102	2.53
08-22	2.52
02-01	2.21
07-09	1.98
05-14	1.84
05-13	1.70
05-08	1.65
05-05	1.53
02-10	1.48
08-14	1.42
011	1.19
05-20	1.18
08-12	0.94
02-103	0.84
05-06	0.83
02-12	0.77
08-20	0.62
02-104	0.52
05-18	0.42
02-07	0.28
02-02	0.25
05-09	0.23
08-05	0.18
02-105	0.15
02-03	0.13
05-03	0.10
08-16	0.08
006	0.07
05-04	0.06
02-11	0.04
02-05	0.03
02-106	0.01

Appendix C: Estimated Nitrogen Loading Summary by Catchment

Table C-1. Estimated Nitrogen Loading for All Catchments in the Taunton River Watershed

Catchment Identifier	Estimated N Load (Lbs/Yr)
N/A	1886.04
22-100	387.13
12-08	327.45
20-07	285.56
12-103	266.65
04-100	224.90
08-11	224.74
09-02	138.48
08-15	130.71
06-13	125.59
010	124.16
19-12	122.00
20-26	116.20
12-09	108.89
005	100.88
06-02	96.51
17-07	96.05
04-01	91.45
15-03	84.39
08-01	82.82
09-14	79.19
09-19	77.69
19-21	73.95
07-03	73.27
19-03	70.86
20-03	70.39
13-17	70.19
22-01	66.82
08-17	60.12
20-11	56.84
09-15	56.70
16-13	56.31
18-07	55.15
12-07	54.99
014	53.64
06-10	50.19
09-12	43.96
06-07	41.01
14-01	39.60
16-02	39.46
08-10	38.93
18-08	34.95
001	34.92
13-18	34.48
12-11	34.01
12-02	33.41
07-08	33.17
14-13	32.28
22-05	32.08
12-102	29.34
20-27	28.72
09-101	28.50
13-02	27.94
22-02	27.44
20-102	26.68
08-100	26.56
12-10	26.35
22-10	26.05

016	25.64
20-35	25.27
19-17	24.69
18-03	24.48
09-20	24.14
20-32	23.52
09-10	21.84
19-11	21.75
11-03	21.39
20-17	20.84
19-15	20.71
008	20.15
09-22	19.87
20-25	19.50
22-11	19.11
06-01	18.86
06-04	18.84
13-100	18.53
16-100	17.58
14-14	17.06
17-12	16.99
19-13	16.37
16-12	16.11
11-01	15.97
11-04	15.81
004	15.78
003	15.71
06-03	15.57
12-04	15.04
06-09	14.64
19-16	14.47
14-12	14.24

19-01	13.96
20-34	13.72
13-19	13.62
12-100	13.57
09-21	13.53
20-28	13.26
13-07	12.10
19-02	11.80
22-03	11.78
09-100	11.72
20-100	11.68
15-05	11.66
06-101	11.63
16-11	11.61
17-09	11.56
10-01	11.49
18-02	11.31
17-04	11.24
09-18	11.15
20-19	10.65
22-06	10.28
13-06	10.12
22-14	10.12
16-06	10.10
20-29	9.86
14-10	9.79
14-05	9.74
13-08	9.68
18-101	9.67
18-01	9.39
13-14	9.36
15-07	9.31

18-11	9.23
20-24	9.18
15-01	8.94
19-05	8.48
09-16	8.37
09-17	8.22
12-01	7.82
22-08	7.82
08-18	7.74
22-09	7.64
17-02	7.63
20-10	7.51
13-20	7.49
20-06	7.47
16-07	7.45
08-08	7.38
06-05	7.24
22-04	7.17
013	7.10
14-08	7.09
16-04	7.06
15-06	7.03
20-15	6.60
19-18	6.59
19-14	6.47
16-14	6.30
12-03	6.03
15-08	5.92
20-14	5.82
20-05	5.78
13-21	5.41
13-01	5.36

22-13	5.07
20-08	5.07
07-01	5.01
22-12	4.97
20-09	4.84
002	4.73
18-10	4.73
19-10	4.56
18-100	4.49
11-02	4.39
17-03	4.11
19-20	4.09
13-05	4.04
06-08	3.98
22-07	3.80
20-12	3.35
20-101	3.20
09-09	3.19
13-15	3.14
14-06	3.12
20-33	3.10
19-09	3.08
13-12	3.02
13-04	3.01
17-11	2.99
06-12	2.90
17-05	2.89
18-05	2.77
10-02	2.75
09-01	2.67
12-101	2.47
18-06	2.42

14-02	2.40
21-03	2.29
14-11	2.27
09-11	2.22
20-31	2.17
007	2.12
16-01	2.06
13-03	2.06
14-09	2.06
15-02	2.05
20-01	2.02
009	2.01
04-02	1.97
06-11	1.96
20-02	1.93
18-09	1.87
21-01	1.81
20-04	1.68
19-19	1.61
19-06	1.57
06-06	1.48
19-04	1.48

19-07	1.23
14-07	1.12
19-08	1.08
21-02	1.08
09-03	1.06
20-13	0.93
19-100	0.89
13-09	0.74
20-16	0.71
12-05	0.66
09-04	0.61
14-03	0.55
07-07	0.50
17-06	0.41
13-10	0.38
17-01	0.36
17-10	0.23
13-13	0.20
14-04	0.15
06-100	0.11
13-11	0.09

Table C-2. Estimated Nitrogen Loading for All Catchments in the Neponset River Watershed

Catchment Identifier	Estimated N Load (Lbs/Yr)
08-21	169.18
02-08	156.13
02-09	108.39
07-04	82.93
02-100	75.78
012	74.10
07-100	72.09
05-02	71.52
08-03	69.90
05-11	69.43
05-12	58.57
05-19	51.66
02-04	49.55
08-06	47.21
05-15	45.55
05-07	45.36
08-02	42.42
08-13	41.49
05-01	37.53
04-03	31.89
08-19	31.52
05-100	31.31
07-05	26.58
08-07	25.44
05-16	25.07
08-09	24.84
07-06	22.72
05-10	22.47
015	21.85
07-02	21.60
02-06	21.51
02-101	20.71
02-01	17.13
02-102	16.45
08-22	16.26
07-09	15.90
05-14	14.19
05-08	12.97
05-13	12.89
05-05	11.77
05-20	11.57
02-10	11.43
08-14	10.35
011	8.89
08-12	8.72
02-12	6.50
02-103	6.37
05-06	6.19
08-20	4.65
02-104	3.99
05-18	3.32
02-07	2.06
02-02	1.84
05-09	1.79
08-05	1.42
02-105	1.15
02-03	0.97
05-03	0.78
08-16	0.65
006	0.53
05-04	0.44
02-11	0.38
02-05	0.22
02-106	0.03

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)
SPRING STREET	M_222422_865789	Vacant, selectment or City Council	1.0000
GARRETT SPILLANE ROAD	M_220852_871583	Undevelopable land	1.0000
ELM STREET	M_221950_867147	Vacant, selectment or City Council	1.0000
BELCHER ROAD	M_222791_867112	Vacant, selectment or City Council	1.0000
CHASE LANE	M_220406_871777	Vacant, selectment or City Council	1.0000
ALEX LANE	M_222374_865374	Vacant, selectment or City Council	1.0000
CENTRAL STREET	M_222496_865636	Vacant, selectment or City Council	1.0000
COUNTY STREET	M_222998_865724	Vacant, conservation	1.0000
LAKEVIEW ROAD	M_219289_868975	Vacant, conservation	1.0000
LAKEVIEW ROAD	M_219441_868344	Vacant, conservation	1.0000
GRANITE STREET	M_219556_868254	Vacant, conservation	1.0000
LAKEVIEW ROAD	M_219363_868897	Vacant, conservation	1.0000
MAIN STREET	M_219493_868796	Vacant, conservation	1.0000
OAK STREET	M_223012_868810	Vacant, selectment or City Council	1.0000
MILL STREET	M_218275_866643	Vacant, conservation	0.9765
MILL STREET	M_218409_866286	Vacant, conservation	0.9765
BEACH STREET	M_220471_871817	Vacant, selectment or City Council	0.9765
NORTH STREET	M_220633_870125	Vacant, conservation	0.9765
RIDGE ROAD	M_221266_870266	Vacant, selectment or City Council	0.9765
SPRING STREET	M_222292_865724	Vacant, selectment or City Council	0.9765
SPRUCE STREET	M_218286_864857	Vacant, conservation	0.9765
25 PUMPING STATION ROAD	M_221637_869761	Vacant, selectment or City Council	0.9765
MAIN STREET	M_219847_868956	Vacant, conservation	0.9765
110 MAIN STREET	M_219705_868894	Vacant, conservation	0.9765

89 NORTH STREET	M_220456_870480	Vacant, conservation	0.9765
GARLAND LANE	M_218920_866511	Vacant, conservation	0.9692
SPRING STREET	M_222260_865877	Vacant, selectment or City Council	0.9692
SPRING STREET	M_223297_865794	Vacant, selectment or City Council	0.9692
COUNTY STREET	M_222946_865861	Vacant, conservation	0.9692
COMMERCIAL STREET	M_221626_865338	Vacant, selectment or City Council	0.9692
NEPONSET HEIGHTS AVENUE	M_220862_869952	Vacant, selectment or City Council	0.9692
LAKEVIEW ROAD	M_219119_868830	Vacant, conservation	0.9692
MECHANIC STREET	M_221603_868559	Vacant, conservation	0.9692
MAIN STREET	M_219757_868641	Vacant, conservation	0.9692
MAIN STREET	M_219888_868905	Vacant, conservation	0.9692
LINDA STREET	M_223229_869621	Vacant, selectment or City Council	0.9609
EAST STREET	M_225023_869489	Vacant, conservation	0.9609
MILL STREET	M_218464_865882	Vacant, selectment or City Council	0.9609
WILLOW STREET	M_225977_867954	Vacant, conservation	0.9609
MORSE STREET	M_223593_867010	Vacant, selectment or City Council	0.9554
MORSE STREET	M_223730_866813	Vacant, selectment or City Council	0.9554
BELCHER ROAD	M_223166_866604	Vacant, selectment or City Council	0.9554
96-98 MORSE STREET	M_224105_866696	Housing Authority	0.9554
104-106 MORSE STREET	M_224078_866559	Housing Authority	0.9554
MORSE STREET	M_224049_866452	Vacant, selectment or City Council	0.9554
HODGES ROAD	M_224921_867076	Vacant, selectment or City Council	0.9554
EAST STREET	M_225605_867560	Vacant, conservation	0.9554
BELCHER ROAD	M_222411_867647	Vacant, selectment or City Council	0.9554
47 OAK STREET	M_223140_870689	Vacant, selectment or City Council	0.9554
132 MILL STREET	M_218775_865755	Vacant, conservation	0.9554

BLANCHARD STREET	M_222191_865365	Vacant, selectment or City Council	0.9554
58-60 NORTH GROVE STREET	M_219584_864547	Housing Authority	0.9554
CROSS STREET	M_218894_869815	Undevelopable land	0.9554
MECHANIC STREET	M_221852_869896	Improved, Selectmen or City Council	0.9554
WILLOW STREET	M_225845_868698	Vacant, conservation	0.9554
GRANITE STREET	M_219649_868012	Vacant, conservation	0.9554
OAK STREET	M_222907_869280	Vacant, selectment or City Council	0.9554
OAK STREET	M_223724_869304	Utility Authority, Electric, Light, Sewer, Water	0.9554
LAKEVIEW ROAD	M_218838_868806	Vacant, conservation	0.9554
LAKEVIEW ROAD	M_218656_868574	Vacant, conservation	0.9554
COCASSET STREET	M_223357_867783	Vacant, conservation	0.9554
COCASSET STREET	M_223721_867736	Vacant, selectment or City Council	0.9554
EAST STREET	M_225937_867229	Vacant, selectment or City Council	0.9123
MILL STREET	M_218888_866150	Vacant, conservation	0.9123
120 SPRING STREET	M_223583_865993	Vacant, conservation	0.9123
MORSE STREET	M_223641_867638	Vacant, conservation	0.9123
65 ELM STREET	M_221604_867472	Vacant, selectment or City Council	0.9123
BEACH STREET	M_221504_870620	Undevelopable land	0.9123
MECHANIC STREET	M_222604_870378	Vacant, selectment or City Council	0.9123
LINDA STREET	M_223276_869438	Vacant, selectment or City Council	0.9123
OAKWUD TERRACE	M_223282_869173	Vacant, conservation	0.9123
LAKEVIEW ROAD	M_218544_868872	Vacant, conservation	0.9123
LAKEVIEW ROAD	M_218745_868171	Vacant, conservation	0.9123
EAST STREET	M_224870_869135	Vacant, conservation	0.9123
WEST STREET	M_218357_865903	Vacant, selectment or City Council	0.9037
COCASSET STREET	M_222748_868245	Vacant, selectment or City Council	0.9037

OAK STREET	M_223703_869156	Vacant, conservation	0.9037
OAK STREET	M_223664_868986	Improved, Selectmen or City Council	0.9037
11 LAMSON ROAD	M_223853_869481	Improved, Selectmen or City Council	0.9037
MILL STREET	M_219320_865885	Vacant, selectment or City Council	0.9037
COCASSET STREET	M_223683_867909	Vacant, conservation	0.9037
WILLOW STREET	M_225229_868019	Vacant, conservation	0.9037
EAST STREET	M_225595_868589	Vacant, conservation	0.8959
73-75 MORSE STREET	M_224070_866963	Housing Authority	0.8947
SOUTH STREET	M_219678_866263	Vacant, selectment or City Council	0.8947
46 MILL STREET	M_219121_866415	Improved, Selectmen or City Council	0.8947
WILLOW STREET	M_225999_867650	Vacant, conservation	0.8947
ELM STREET	M_221897_866963	Vacant, selectment or City Council	0.8947
WILLOW STREET	M_225783_868476	Vacant, conservation	0.8947
WILLOW STREET	M_225868_868290	Vacant, conservation	0.8947
LAKEVIEW ROAD	M_218800_869073	Vacant, conservation	0.8947
77 MORSE STREET	M_224050_866893	Housing Authority	0.8856
92 MORSE STREET	M_224130_866762	Housing Authority	0.8856
WILLOW STREET	M_225090_867954	Vacant, selectment or City Council	0.8856
EAST STREET	M_225528_868388	Vacant, conservation	0.8837
56 BAKER STREET	M_220412_869133	Housing Authority	0.8824
80 CEDAR STREET	M_217692_863016	Improved, Selectmen or City Council	0.8521
COCASSET STREET	M_223885_867687	Vacant, selectment or City Council	0.8521
WEST STREET	M_218594_865388	Vacant, conservation	0.8417
7 YOUNG ROAD	M_220303_871491	Vacant, selectment or City Council	0.8417
EAST STREET	M_225309_868420	Vacant, conservation	0.8417
170 COCASSET STREET	M_222700_868222	Single family	0.8318
96-98 EAST STREET	M_225205_868772	Housing Authority	0.8318

ELM STREET	M_221990_866808	Vacant, selectment or City Council	0.7896
58 RIDGE ROAD	M_221239_870256	Single family	0.7896
CHESTNUT STREET	M_220392_869926	Vacant, conservation	0.7896
106-108 EAST STREET	M_225143_868504	Housing Authority	0.7886
EAST BELCHER ROAD	M_222545_867103	Vacant, selectment or City Council	0.7854
1 WALNUT TERRACE	M_221256_866378	Housing Authority	0.7854
BEACH STREET	M_220575_871758	Vacant, selectment or City Council	0.7854
CARPENTER STREET	M_220917_867430	Vacant, selectment or City Council	0.7854
COCASSET STREET	M_222878_867513	Vacant, selectment or City Council	0.7854
NORTH STREET	M_220393_870736	Vacant, conservation	0.7854
16 WALDEN FARMS ROAD	M_222918_870177	Vacant, selectment or City Council	0.7854
46-48 NORTH GROVE STREET	M_219479_864627	Housing Authority	0.7854
LAKEVIEW ROAD	M_218751_868749	Vacant, conservation	0.7854
SULLIVAN WAY	M_222339_868741	Vacant, conservation	0.7854
MAIN STREET	M_217887_869516	Vacant, selectment or City Council	0.7854
BRISTOL LANE	M_219048_866688	Vacant, conservation	0.7503
SPRING STREET	M_223456_865845	Vacant, selectment or City Council	0.7503
CARPENTER STREET	M_220808_867425	Vacant, selectment or City Council	0.7503
COCASSET STREET	M_222802_868636	Vacant, selectment or City Council	0.7503
MAIN STREET	M_217985_868752	Vacant, conservation	0.7503
MORSE STREET	M_223987_866151	Vacant, conservation	0.7463
SUMMER STREET	M_224654_867384	Vacant, selectment or City Council	0.7463
REVERE DRIVE	M_224980_867357	Vacant, selectment or City Council	0.7463
WATER STREET	M_219988_867057	Vacant, conservation	0.7463
4 HILLSIDE AVENUE	M_221283_870781	Vacant, selectment or City Council	0.7463
MECHANIC STREET	M_222420_870338	Vacant, selectment or City Council	0.7463

FOXBOROUGH BOULEVARD	M_221923_865416	Vacant, selectment or City Council	0.7463
CENTRAL STREET	M_221995_865380	Vacant, selectment or City Council	0.7463
EAST STREET	M_225196_870034	Undevelopable land	0.7463
COCASSET STREET	M_223764_867795	Vacant, selectment or City Council	0.7463
COCASSET STREET	M_223848_867835	Vacant, selectment or City Council	0.7463
COCASSET STREET	M_222940_867650	Vacant, selectment or City Council	0.7300
EAST STREET	M_225206_870094	Vacant, conservation	0.7300
COCASSET STREET	M_223794_867831	Vacant, selectment or City Council	0.7300
MORSE STREET	M_223707_867173	Vacant, selectment or City Council	0.7265
MORSE STREET	M_223776_866598	Vacant, selectment or City Council	0.7265
MORSE STREET	M_223809_867257	Vacant, selectment or City Council	0.7265
MORSE PLACE	M_224329_867374	Vacant, selectment or City Council	0.7265
MORRIS STREET	M_222140_870973	Vacant, selectment or City Council	0.7265
MORRIS STREET	M_222189_870991	Vacant, selectment or City Council	0.7265
MECHANIC STREET	M_222395_870997	Vacant, selectment or City Council	0.7265
PALMER ROAD	M_222598_870902	Vacant, selectment or City Council	0.7265
BEACH STREET	M_221749_871592	Vacant, selectment or City Council	0.7265
154R MECHANIC STREET	M_221925_870152	Vacant, selectment or City Council	0.7265
SOUTH STREET	M_220509_867591	Vacant, selectment or City Council	0.7201
66-68 BAKER STREET	M_220382_869277	Housing Authority	0.7201
GARLAND LANE	M_219025_866605	Vacant, conservation	0.6999
WASHINGTON STREET	M_218165_870889	Vacant, selectment or City Council	0.6999
COMMERCIAL STREET	M_221693_865169	Vacant, selectment or City Council	0.6999
COCASSET STREET	M_221530_868285	Vacant, conservation	0.6999
BELCHER ROAD	M_222704_867083	Vacant, selectment or City Council	0.6896

OAK STREET	M_222807_869829	Vacant, selectment or City Council	0.6896
YOUNG ROAD	M_220234_871577	Vacant, selectment or City Council	0.6863
WILLOW STREET	M_225408_868241	Vacant, conservation	0.6692
185R MAIN STREET	M_219228_869569	Vacant, selectment or City Council	0.6680
16 MORSE STREET	M_224366_867841	Improved, Education	0.6680
CAMP ROAD	M_221380_870383	Vacant, selectment or City Council	0.6366
COCASSET STREET	M_223900_867736	Vacant, selectment or City Council	0.6366
COCASSET STREET	M_223791_867897	Vacant, selectment or City Council	0.6366
55-57 WILLOW STREET	M_225698_868053	Housing Authority	0.6339
SUMMER STREET	M_224620_867346	Vacant, selectment or City Council	0.5888
110 WASHINGTON STREET	M_218547_869888	Vacant, selectment or City Council	0.5888
102-104 EAST STREET	M_225147_868588	Housing Authority	0.5880
NORTH HIGH STREET	M_221028_866008	Vacant, selectment or City Council	0.5840
SPRING STREET	M_223268_866022	Vacant, selectment or City Council	0.5840
SPRING STREET	M_223283_866033	Vacant, conservation	0.5840
SPRING STREET	M_223203_866010	Vacant, conservation	0.5840
SPRING STREET	M_223255_866103	Vacant, conservation	0.5840
246 CENTRAL STREET	M_221810_866901	Vacant, selectment or City Council	0.5840
CENTRAL STREET	M_222168_865355	Vacant, selectment or City Council	0.5840
SOUTH STREET	M_218844_864818	Vacant, selectment or City Council	0.5840
SOUTH STREET	M_218859_864855	Vacant, selectment or City Council	0.5840
BRADNER STREET	M_221076_865139	Vacant, selectment or City Council	0.5840
WASHINGTON STREET	M_219580_872350	Vacant, selectment or City Council	0.5840
MECHANIC STREET	M_222706_869799	Vacant, selectment or City Council	0.5840
OAK STREET	M_222975_868512	Vacant, selectment or City Council	0.5840

LIBERTY PLACE	M_220695_867998	Improved, Selectmen or City Council	0.5840
3 LIBERTY PLACE	M_220668_868000	Improved, Selectmen or City Council	0.5840
MECHANIC STREET	M_222719_869541	Vacant, selectment or City Council	0.5840
MECHANIC STREET	M_222708_869407	Vacant, selectment or City Council	0.5840
STANILAND ROAD	M_222660_869544	Vacant, selectment or City Council	0.5840
STANILAND ROAD	M_222628_869624	Vacant, selectment or City Council	0.5840
GLENWOOD AVENUE	M_220572_869073	Vacant, selectment or City Council	0.5840
RAILROAD AVENUE	M_220637_868865	Vacant, selectment or City Council	0.5840
MAIN STREET	M_219931_869372	Vacant, selectment or City Council	0.5840
CARPENTER STREET	M_220902_867509	Vacant, conservation	0.5840
WILLOW STREET	M_225814_868956	Vacant, conservation	0.5419
COCASSET STREET	M_223815_867634	Vacant, selectment or City Council	0.5339
SOUTH STREET	M_220588_867648	Improved, Selectmen or City Council	0.5339
CARPENTER STREET	M_220715_867508	Vacant, conservation	0.5339
GRANITE STREET	M_220330_868300	Vacant, selectment or City Council	0.5339
COCASSET STREET	M_221579_868266	Vacant, conservation	0.5339
LAKEVIEW ROAD	M_219380_868639	Vacant, conservation	0.5339
15 MORSE STREET	M_224157_867916	Vacant, selectment or City Council	0.5218
COMMUNITY WAY	M_224571_868022	Vacant, selectment or City Council	0.5218
196 SOUTH STREET	M_220390_866506	Improved, Education	0.5200
MORSE STREET	M_224016_866490	Vacant, selectment or City Council	0.5200
SPRING STREET	M_223184_865918	Vacant, conservation	0.5200
BEACH STREET	M_220435_871945	Vacant, selectment or City Council	0.5200
BEACH STREET	M_220686_872085	Vacant, selectment or City Council	0.5200

120 SOUTH STREET	M_220683_867177	Improved, Education	0.5200
70 ELM STREET	M_221763_867227	Improved, Selectmen or City Council	0.5200
COCASSET STREET	M_222784_867441	Vacant, selectment or City Council	0.5200
CAMP ROAD	M_221455_871096	Vacant, selectment or City Council	0.5200
MORRIS STREET	M_222319_870960	Vacant, selectment or City Council	0.5200
MORRIS STREEET	M_222249_870959	Vacant, selectment or City Council	0.5200
MORRIS STREET	M_222317_870945	Vacant, selectment or City Council	0.5200
69 RIDGE ROAD	M_221189_870390	Vacant, selectment or City Council	0.5200
MECHANIC STREET	M_222034_870244	Vacant, selectment or City Council	0.5200
CEDAR STREET	M_218686_863783	Vacant, conservation	0.5200
WOODS AVENUE	M_222564_871409	Vacant, selectment or City Council	0.5200
WOODS AVENUE	M_222581_871380	Vacant, selectment or City Council	0.5200
6 LAMSON ROAD	M_223670_869606	Utility Authority, Electric, Light, Sewer, Water	0.5200
CHESTNUT STREET	M_221536_869517	Vacant, selectment or City Council	0.5200
SPRING STREET	M_223449_865999	Potentially developable land	0.4792
SOUTH STREET	M_219099_865717	Vacant, conservation	0.4792
BEACH STREET	M_221694_871275	Potentially developable land	0.4792
EDWARDS ROAD	M_221539_871443	Vacant, selectment or City Council	0.4792
10 FAIRBANKS ROAD	M_224035_869540	Vacant, conservation	0.4792
COUNTY STREET	M_223056_865628	Vacant, conservation	0.4739
WEST STREET	M_218533_865332	Vacant, selectment or City Council	0.4689
111 MECHANIC STREET	M_221674_868806	Improved, Education	0.4689
75R MORSE STREET	M_223993_866949	Single family	0.4496
SPRING STREET	M_223833_866487	Vacant, conservation	0.4496
SPRING STREET	M_223356_865801	Vacant, conservation	0.4496
COMMERCIAL STREET	M_221331_867119	Vacant, conservation	0.4496

SOUTH STREET	M_220626_867597	Improved, Selectmen or City Council	0.4496
8 CHESTNUT STREET	M_219985_869475	Improved, Selectmen or City Council	0.4496
HILL STREET	M_222209_871671	Utility Authority, Electric, Light, Sewer, Water	0.4220
BEACH STREET	M_222189_871726	Vacant, selectment or City Council	0.4220
85 WASHINGTON STREET	M_218693_870978	Vacant, selectment or City Council	0.4220
MECHANIC STREET	M_221701_869630	Vacant, selectment or City Council	0.3924
MORRIS STREEET	M_222295_870994	Vacant, selectment or City Council	0.3377
JUDGE BROWN LANE	M_224625_867247	Vacant, conservation	0.3144
COCASSET STREET	M_223776_867373	Vacant, selectment or City Council	0.2799
NEPONSET HEIGHTS AVENUE	M_220697_869709	Vacant, selectment or City Council	0.2789
COCASSET STREET	M_223630_867464	Vacant, selectment or City Council	0.2776
41 COUNTY STREET	M_222873_865568	Vacant, selectment or City Council	0.2776
14 COMMUNITY WAY	M_224577_868081	Improved, Education	0.2623
66-68 LEONARD STREET	M_221185_867631	Housing Authority	0.2392
375 SOUTH STREET	M_218982_865219	Improved, Selectmen or City Council	0.2392
22 SOUTH STREET	M_220713_868176	Improved, Selectmen or City Council	0.2392
COMMON	M_220658_868300	Vacant, selectment or City Council	0.2392
39 LEONARD STREET	M_221367_867849	Housing Authority	0.2392
LAKEVIEW ROAD	M_218445_868621	Vacant, conservation	0.1387
	M_221856_870758		0.1342
1 PATRIOT PLACE	M_219490_871218	Improved, Selectmen or City Council	0.1342
NORTH STREET	M_219837_871459	Utility Authority, Electric, Light, Sewer, Water	0.1342

1-40 CENTENNIAL COURT	M_220447_868043	Housing Authority	0.1342
40 SOUTH STREET	M_220691_868058	Improved, Selectmen or City Council	0.1342
75 CENTRAL STREET	M_220841_867967	Improved, Selectmen or City Council	0.1342
70 CARPENTER STREET	M_220623_867874	Improved, Education	0.1342
SOUTH STREET	M_220545_867784	Vacant, selectment or City Council	0.1342
10 BIRD STREET	M_220651_868426	Improved, Selectmen or City Council	0.1342
6 BAKER STREET	M_220637_868467	Vacant, selectment or City Council	0.1342
	M_220524_868267		0.1342
15-17 MARKET STREET	M_220555_868226	Housing Authority	0.1342
COCASSET STREET	M_220797_868209	Vacant, selectment or City Council	0.1342
42 BAKER STREET	M_220500_868961	Housing Authority	0.1342
90 BAKER STREET	M_220516_869194	Housing Authority	0.1342
LEONARD STREET	M_221265_868054	Vacant, selectment or City Council	0.1342
MORSE STREET	M_224234_867624	Vacant, selectment or City Council	0.0276
1 HILLSIDE AVENUE	M_221297_870818	Vacant, selectment or City Council	0.0276
SPRING STREET	M_222875_866627	Vacant, selectment or City Council	0.0082
MORSE STREET	M_223771_867067	Vacant, selectment or City Council	0.0063
SPRING STREET	M_223304_865865	Vacant, conservation	0.0043
LAKEVIEW ROAD	M_219214_868732	Vacant, conservation	0.0043
	M_224784_867260		0.0043
MORSE STREET	M_223917_866835	Vacant, selectment or City Council	0.0037
COCASSET STREET	M_223687_867400	Vacant, selectment or City Council	0.0037
MORSE STREET	M_223689_867284	Vacant, selectment or City Council	0.0037
MAIN STREET	M_218301_869810	Vacant, selectment or City Council	0.0037

LAKEVIEW ROAD	M_219464_868541	Vacant, conservation	0.0037
	M_223511_867636		0.0037
	M_218762_865470		0.0037
	M_223983_866933		0.0037
	M_223804_866994		0.0012

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)
1 WALNUT TERRACE	M_221256_866378	Housing Authority	0.9840
120 SOUTH STREET	M_220683_867177	Improved, Education	0.9840
56 BAKER STREET	M_220412_869133	Housing Authority	0.9840
75R MORSE STREET	M_223993_866949	Single family	0.9702
16 MORSE STREET	M_224366_867841	Improved, Education	0.9679
OAK STREET	M_223664_868986	Improved, Selectmen or City Council	0.9649
11 LAMSON ROAD	M_223853_869481	Improved, Selectmen or City Council	0.9649
77 MORSE STREET	M_224050_866893	Housing Authority	0.9604
HILL STREET	M_222209_871671	Utility Authority, Electric, Light, Sewer, Water	0.9549
46-48 NORTH GROVE STREET	M_219479_864627	Housing Authority	0.9549
OAK STREET	M_223724_869304	Utility Authority, Electric, Light, Sewer, Water	0.9549
46 MILL STREET	M_219121_866415	Improved, Selectmen or City Council	0.8415
196 SOUTH STREET	M_220390_866506	Improved, Education	0.8415
70 ELM STREET	M_221763_867227	Improved, Selectmen or City Council	0.8415
58-60 NORTH GROVE STREET	M_219584_864547	Housing Authority	0.8415
MECHANIC STREET	M_221852_869896	Improved, Selectmen or City Council	0.8415
170 COCASSET STREET	M_222700_868222	Single family	0.8415

8 CHESTNUT STREET	M_219985_869475	Improved, Selectmen or City Council	0.8415
66-68 BAKER STREET	M_220382_869277	Housing Authority	0.8415
80 CEDAR STREET	M_217692_863016	Improved, Selectmen or City Council	0.7116
111 MECHANIC STREET	M_221674_868806	Improved, Education	0.6470
102-104 EAST STREET	M_225147_868588	Housing Authority	0.6361
92 MORSE STREET	M_224130_866762	Housing Authority	0.6322
58 RIDGE ROAD	M_221239_870256	Single family	0.6322
106-108 EAST STREET	M_225143_868504	Housing Authority	0.6322
55-57 WILLOW STREET	M_225698_868053	Housing Authority	0.6322
73-75 MORSE STREET	M_224070_866963	Housing Authority	0.6243
96-98 MORSE STREET	M_224105_866696	Housing Authority	0.6243
104-106 MORSE STREET	M_224078_866559	Housing Authority	0.6243
96-98 EAST STREET	M_225205_868772	Housing Authority	0.6243
14 COMMUNITY WAY	M_224577_868081	Improved, Education	0.6243
SOUTH STREET	M_220626_867597	Improved, Selectmen or City Council	0.4637
SOUTH STREET	M_220588_867648	Improved, Selectmen or City Council	0.4586
66-68 LEONARD STREET	M_221185_867631	Housing Authority	0.4513
	M_221856_870758		0.4513

1 PATRIOT PLACE	M_219490_871218	Improved, Selectmen or City Council	0.4513
375 SOUTH STREET	M_218982_865219	Improved, Selectmen or City Council	0.4513
NORTH STREET	M_219837_871459	Utility Authority, Electric, Light, Sewer, Water	0.4513
1-40 CENTENNIAL COURT	M_220447_868043	Housing Authority	0.4513
40 SOUTH STREET	M_220691_868058	Improved, Selectmen or City Council	0.4513
75 CENTRAL STREET	M_220841_867967	Improved, Selectmen or City Council	0.4513
LIBERTY PLACE	M_220695_867998	Improved, Selectmen or City Council	0.4513
3 LIBERTY PLACE	M_220668_868000	Improved, Selectmen or City Council	0.4513
70 CARPENTER STREET	M_220623_867874	Improved, Education	0.4513
22 SOUTH STREET	M_220713_868176	Improved, Selectmen or City Council	0.4513
10 BIRD STREET	M_220651_868426	Improved, Selectmen or City Council	0.4513
	M_220524_868267		0.4513
15-17 MARKET STREET	M_220555_868226	Housing Authority	0.4513
42 BAKER STREET	M_220500_868961	Housing Authority	0.4513
90 BAKER STREET	M_220516_869194	Housing Authority	0.4513
39 LEONARD STREET	M_221367_867849	Housing Authority	0.4513
6 LAMSON ROAD	M_223670_869606	Utility Authority, Electric, Light, Sewer, Water	0.1815

SPRING STREET	M_222875_866627	Vacant, selectment or City Council	0.1356
SPRING STREET	M_223304_865865	Vacant, conservation	0.1356
LAKEVIEW ROAD	M_219214_868732	Vacant, conservation	0.1356
SPRING STREET	M_223184_865918	Vacant, conservation	0.1334
BEACH STREET	M_220435_871945	Vacant, selectment or City Council	0.1326
ELM STREET	M_221897_866963	Vacant, selectment or City Council	0.1326
CARPENTER STREET	M_220715_867508	Vacant, conservation	0.1326
COMMERCIAL STREET	M_221693_865169	Vacant, selectment or City Council	0.1326
LAKEVIEW ROAD	M_219380_868639	Vacant, conservation	0.1326
BEACH STREET	M_220686_872085	Vacant, selectment or City Council	0.1302
SPRING STREET	M_222260_865877	Vacant, selectment or City Council	0.1292
SPRING STREET	M_223297_865794	Vacant, selectment or City Council	0.1292
COUNTY STREET	M_222946_865861	Vacant, conservation	0.1292
BEACH STREET	M_220575_871758	Vacant, selectment or City Council	0.1292
MECHANIC STREET	M_222420_870338	Vacant, selectment or City Council	0.1292
FOXBOROUGH BOULEVARD	M_221923_865416	Vacant, selectment or City Council	0.1292
CENTRAL STREET	M_221995_865380	Vacant, selectment or City Council	0.1292
COMMERCIAL STREET	M_221626_865338	Vacant, selectment or City Council	0.1292
COCASSET STREET	M_222748_868245	Vacant, selectment or City Council	0.1292

LAKEVIEW ROAD	M_219119_868830	Vacant, conservation	0.1292
MECHANIC STREET	M_221603_868559	Vacant, conservation	0.1292
MAIN STREET	M_219757_868641	Vacant, conservation	0.1292
MAIN STREET	M_219888_868905	Vacant, conservation	0.1292
EAST STREET	M_225937_867229	Vacant, selectment or City Council	0.1244
BRISTOL LANE	M_219048_866688	Vacant, conservation	0.1244
MILL STREET	M_218409_866286	Vacant, conservation	0.1244
BEACH STREET	M_220471_871817	Vacant, selectment or City Council	0.1244
ELM STREET	M_221990_866808	Vacant, selectment or City Council	0.1244
CARPENTER STREET	M_220808_867425	Vacant, selectment or City Council	0.1244
65 ELM STREET	M_221604_867472	Vacant, selectment or City Council	0.1244
MECHANIC STREET	M_222604_870378	Vacant, selectment or City Council	0.1244
SPRING STREET	M_222292_865724	Vacant, selectment or City Council	0.1244
SPRUCE STREET	M_218286_864857	Vacant, conservation	0.1244
WILLOW STREET	M_225408_868241	Vacant, conservation	0.1244
LAKEVIEW ROAD	M_218745_868171	Vacant, conservation	0.1244
110 MAIN STREET	M_219705_868894	Vacant, conservation	0.1244
COCASSET STREET	M_222802_868636	Vacant, selectment or City Council	0.1244
EAST STREET	M_224870_869135	Vacant, conservation	0.1244
OAK STREET	M_222807_869829	Vacant, selectment or City Council	0.1244
89 NORTH STREET	M_220456_870480	Vacant, conservation	0.1244
MORSE STREET	M_223771_867067	Vacant, selectment or City Council	0.1184

MORSE STREET	M_223917_866835	Vacant, selectment or City Council	0.1184
SPRING STREET	M_222422_865789	Vacant, selectment or City Council	0.1184
COCASSET STREET	M_223687_867400	Vacant, selectment or City Council	0.1184
MORSE STREET	M_223689_867284	Vacant, selectment or City Council	0.1184
ELM STREET	M_221950_867147	Vacant, selectment or City Council	0.1184
BELCHER ROAD	M_222411_867647	Vacant, selectment or City Council	0.1184
COCASSET STREET	M_222784_867441	Vacant, selectment or City Council	0.1184
COCASSET STREET	M_222878_867513	Vacant, selectment or City Council	0.1184
ALEX LANE	M_222374_865374	Vacant, selectment or City Council	0.1184
CENTRAL STREET	M_222496_865636	Vacant, selectment or City Council	0.1184
COUNTY STREET	M_222998_865724	Vacant, conservation	0.1184
NORTH STREET	M_220393_870736	Vacant, conservation	0.1184
MAIN STREET	M_218301_869810	Vacant, selectment or City Council	0.1184
WILLOW STREET	M_225845_868698	Vacant, conservation	0.1184
OAK STREET	M_222907_869280	Vacant, selectment or City Council	0.1184
LAKEVIEW ROAD	M_219441_868344	Vacant, conservation	0.1184
OAK STREET	M_223012_868810	Vacant, selectment or City Council	0.1184
	M_223511_867636		0.1184
EAST STREET	M_225309_868420	Vacant, conservation	0.1096

MORSE STREET	M_223707_867173	Vacant, selectment or City Council	0.1093
COCASSET STREET	M_223776_867373	Vacant, selectment or City Council	0.1093
MORSE STREET	M_223809_867257	Vacant, selectment or City Council	0.1093
	M_224784_867260		0.1093
WEST STREET	M_218533_865332	Vacant, selectment or City Council	0.1081
COCASSET STREET	M_222940_867650	Vacant, selectment or City Council	0.1075
EAST STREET	M_225595_868589	Vacant, conservation	0.1075
MILL STREET	M_218464_865882	Vacant, selectment or City Council	0.1075
WILLOW STREET	M_225229_868019	Vacant, conservation	0.1068
YOUNG ROAD	M_220234_871577	Vacant, selectment or City Council	0.1066
LAKEVIEW ROAD	M_218800_869073	Vacant, conservation	0.1066
COCASSET STREET	M_223885_867687	Vacant, selectment or City Council	0.1066
COCASSET STREET	M_223791_867897	Vacant, selectment or City Council	0.1066
120 SPRING STREET	M_223583_865993	Vacant, conservation	0.1053
OAKWUD TERRACE	M_223282_869173	Vacant, conservation	0.1053
SPRING STREET	M_223833_866487	Vacant, conservation	0.1046
LINDA STREET	M_223229_869621	Vacant, selectment or City Council	0.1041
EAST STREET	M_225023_869489	Vacant, conservation	0.1041
GARLAND LANE	M_218920_866511	Vacant, conservation	0.1031
MORSE STREET	M_223776_866598	Vacant, selectment or City Council	0.1031

WEST STREET	M_218357_865903	Vacant, selectment or City Council	0.1031
COCASSET STREET	M_223815_867634	Vacant, selectment or City Council	0.1031
WATER STREET	M_219988_867057	Vacant, conservation	0.1031
BEACH STREET	M_221749_871592	Vacant, selectment or City Council	0.1031
EAST STREET	M_225528_868388	Vacant, conservation	0.1031
OAK STREET	M_223703_869156	Vacant, conservation	0.1031
MILL STREET	M_219320_865885	Vacant, selectment or City Council	0.1031
COCASSET STREET	M_223683_867909	Vacant, conservation	0.1031
MILL STREET	M_218275_866643	Vacant, conservation	0.0990
MILL STREET	M_218888_866150	Vacant, conservation	0.0990
MORSE STREET	M_223641_867638	Vacant, conservation	0.0990
LAKEVIEW ROAD	M_218544_868872	Vacant, conservation	0.0990
MAIN STREET	M_217985_868752	Vacant, conservation	0.0990
WILLOW STREET	M_225090_867954	Vacant, selectment or City Council	0.0990
EAST BELCHER ROAD	M_222545_867103	Vacant, selectment or City Council	0.0966
MORSE STREET	M_223730_866813	Vacant, selectment or City Council	0.0966
BELCHER ROAD	M_223166_866604	Vacant, selectment or City Council	0.0966
BEACH STREET	M_222189_871726	Vacant, selectment or City Council	0.0966
CARPENTER STREET	M_220917_867430	Vacant, selectment or City Council	0.0966
132 MILL STREET	M_218775_865755	Vacant, conservation	0.0966
85 WASHINGTON STREET	M_218693_870978	Vacant, selectment or City Council	0.0966

16 WALDEN FARMS ROAD	M_222918_870177	Vacant, selectment or City Council	0.0966
WILLOW STREET	M_225868_868290	Vacant, conservation	0.0966
LAKEVIEW ROAD	M_218838_868806	Vacant, conservation	0.0966
LAKEVIEW ROAD	M_218751_868749	Vacant, conservation	0.0966
LAKEVIEW ROAD	M_218445_868621	Vacant, conservation	0.0966
SULLIVAN WAY	M_222339_868741	Vacant, conservation	0.0966
MAIN STREET	M_217887_869516	Vacant, selectment or City Council	0.0966
COCASSET STREET	M_223357_867783	Vacant, conservation	0.0966
COCASSET STREET	M_223721_867736	Vacant, selectment or City Council	0.0966
COCASSET STREET	M_223764_867795	Vacant, selectment or City Council	0.0966
COUNTY STREET	M_223056_865628	Vacant, conservation	0.0813
NEPONSET HEIGHTS AVENUE	M_220697_869709	Vacant, selectment or City Council	0.0813
WILLOW STREET	M_225999_867650	Vacant, conservation	0.0800
GARLAND LANE	M_219025_866605	Vacant, conservation	0.0792
MORSE PLACE	M_224329_867374	Vacant, selectment or City Council	0.0792
NORTH STREET	M_220633_870125	Vacant, conservation	0.0780
RIDGE ROAD	M_221266_870266	Vacant, selectment or City Council	0.0780
25 PUMPING STATION ROAD	M_221637_869761	Vacant, selectment or City Council	0.0780
LINDA STREET	M_223276_869438	Vacant, selectment or City Council	0.0780
MAIN STREET	M_219847_868956	Vacant, conservation	0.0780
CHESTNUT STREET	M_220392_869926	Vacant, conservation	0.0780
HODGES ROAD	M_224921_867076	Vacant, selectment or City Council	0.0753

EAST STREET	M_225605_867560	Vacant, conservation	0.0753
GARRETT SPILLANE ROAD	M_220852_871583	Undevelopable land	0.0753
SOUTH STREET	M_220509_867591	Vacant, selectment or City Council	0.0753
BELCHER ROAD	M_222791_867112	Vacant, selectment or City Council	0.0753
CHASE LANE	M_220406_871777	Vacant, selectment or City Council	0.0753
BLANCHARD STREET	M_222191_865365	Vacant, selectment or City Council	0.0753
CROSS STREET	M_218894_869815	Undevelopable land	0.0753
GRANITE STREET	M_219649_868012	Vacant, conservation	0.0753
LAKEVIEW ROAD	M_219289_868975	Vacant, conservation	0.0753
LAKEVIEW ROAD	M_218656_868574	Vacant, conservation	0.0753
GRANITE STREET	M_219556_868254	Vacant, conservation	0.0753
LAKEVIEW ROAD	M_219363_868897	Vacant, conservation	0.0753
MAIN STREET	M_219493_868796	Vacant, conservation	0.0753
185R MAIN STREET	M_219228_869569	Vacant, selectment or City Council	0.0753
COCASSET STREET	M_223630_867464	Vacant, selectment or City Council	0.0609
BELCHER ROAD	M_222704_867083	Vacant, selectment or City Council	0.0602
WASHINGTON STREET	M_218165_870889	Vacant, selectment or City Council	0.0599
7 YOUNG ROAD	M_220303_871491	Vacant, selectment or City Council	0.0599
NEPONSET HEIGHTS AVENUE	M_220862_869952	Vacant, selectment or City Council	0.0599
COCASSET STREET	M_221530_868285	Vacant, conservation	0.0559

COCASSET STREET	M_223900_867736	Vacant, selectment or City Council	0.0559
WILLOW STREET	M_225977_867954	Vacant, conservation	0.0544
SPRING STREET	M_223449_865999	Potentially developable land	0.0531
CEDAR STREET	M_218686_863783	Vacant, conservation	0.0529
SPRING STREET	M_223456_865845	Vacant, selectment or City Council	0.0519
BEACH STREET	M_221504_870620	Undevelopable land	0.0519
COCASSET STREET	M_223794_867831	Vacant, selectment or City Council	0.0519
MORSE STREET	M_223593_867010	Vacant, selectment or City Council	0.0511
SOUTH STREET	M_219678_866263	Vacant, selectment or City Council	0.0511
MORSE STREET	M_224049_866452	Vacant, selectment or City Council	0.0511
47 OAK STREET	M_223140_870689	Vacant, selectment or City Council	0.0511
WEST STREET	M_218594_865388	Vacant, conservation	0.0511
41 COUNTY STREET	M_222873_865568	Vacant, selectment or City Council	0.0511
WILLOW STREET	M_225783_868476	Vacant, conservation	0.0511
LAKEVIEW ROAD	M_219464_868541	Vacant, conservation	0.0511
	M_218762_865470		0.0511
SUMMER STREET	M_224620_867346	Vacant, selectment or City Council	0.0401
SPRING STREET	M_223356_865801	Vacant, conservation	0.0396
COMMERCIAL STREET	M_221331_867119	Vacant, conservation	0.0396
CAMP ROAD	M_221380_870383	Vacant, selectment or City Council	0.0396

GRANITE STREET	M_220330_868300	Vacant, selectment or City Council	0.0379
COCASSET STREET	M_221579_868266	Vacant, conservation	0.0379
EAST STREET	M_225206_870094	Vacant, conservation	0.0366
WILLOW STREET	M_225814_868956	Vacant, conservation	0.0366
NORTH HIGH STREET	M_221028_866008	Vacant, selectment or City Council	0.0351
SPRING STREET	M_223268_866022	Vacant, selectment or City Council	0.0351
SPRING STREET	M_223283_866033	Vacant, conservation	0.0351
SPRING STREET	M_223203_866010	Vacant, conservation	0.0351
SPRING STREET	M_223255_866103	Vacant, conservation	0.0351
MORSE STREET	M_223987_866151	Vacant, conservation	0.0351
SUMMER STREET	M_224654_867384	Vacant, selectment or City Council	0.0351
REVERE DRIVE	M_224980_867357	Vacant, selectment or City Council	0.0351
246 CENTRAL STREET	M_221810_866901	Vacant, selectment or City Council	0.0351
4 HILLSIDE AVENUE	M_221283_870781	Vacant, selectment or City Council	0.0351
MORRIS STREET	M_222140_870973	Vacant, selectment or City Council	0.0351
MORRIS STREET	M_222189_870991	Vacant, selectment or City Council	0.0351
MECHANIC STREET	M_222395_870997	Vacant, selectment or City Council	0.0351
PALMER ROAD	M_222598_870902	Vacant, selectment or City Council	0.0351
CENTRAL STREET	M_222168_865355	Vacant, selectment or City Council	0.0351

SOUTH STREET	M_218844_864818	Vacant, selectment or City Council	0.0351
SOUTH STREET	M_218859_864855	Vacant, selectment or City Council	0.0351
BRADNER STREET	M_221076_865139	Vacant, selectment or City Council	0.0351
WASHINGTON STREET	M_219580_872350	Vacant, selectment or City Council	0.0351
MECHANIC STREET	M_222706_869799	Vacant, selectment or City Council	0.0351
OAK STREET	M_222975_868512	Vacant, selectment or City Council	0.0351
SOUTH STREET	M_220545_867784	Vacant, selectment or City Council	0.0351
MECHANIC STREET	M_222719_869541	Vacant, selectment or City Council	0.0351
MECHANIC STREET	M_222708_869407	Vacant, selectment or City Council	0.0351
STANILAND ROAD	M_222660_869544	Vacant, selectment or City Council	0.0351
STANILAND ROAD	M_222628_869624	Vacant, selectment or City Council	0.0351
6 BAKER STREET	M_220637_868467	Vacant, selectment or City Council	0.0351
COCASSET STREET	M_220797_868209	Vacant, selectment or City Council	0.0351
COMMON	M_220658_868300	Vacant, selectment or City Council	0.0351
GLENWOOD AVENUE	M_220572_869073	Vacant, selectment or City Council	0.0351
RAILROAD AVENUE	M_220637_868865	Vacant, selectment or City Council	0.0351

EAST STREET	M_225196_870034	Undevelopable land	0.0351
MAIN STREET	M_219931_869372	Vacant, selectment or City Council	0.0351
	M_223804_866994		0.0351
CARPENTER STREET	M_220902_867509	Vacant, conservation	0.0351
LEONARD STREET	M_221265_868054	Vacant, selectment or City Council	0.0351
COCASSET STREET	M_223848_867835	Vacant, selectment or City Council	0.0351
	M_223983_866933		0.0133
MORRIS STREEET	M_222295_870994	Vacant, selectment or City Council	0.0130
15 MORSE STREET	M_224157_867916	Vacant, selectment or City Council	0.0121
COMMUNITY WAY	M_224571_868022	Vacant, selectment or City Council	0.0121
SOUTH STREET	M_219099_865717	Vacant, conservation	0.0111
BEACH STREET	M_221694_871275	Potentially developable land	0.0111
EDWARDS ROAD	M_221539_871443	Vacant, selectment or City Council	0.0111
10 FAIRBANKS ROAD	M_224035_869540	Vacant, conservation	0.0111
MORSE STREET	M_224016_866490	Vacant, selectment or City Council	0.0098
MORSE STREET	M_224234_867624	Vacant, selectment or City Council	0.0098
JUDGE BROWN LANE	M_224625_867247	Vacant, conservation	0.0098
CAMP ROAD	M_221455_871096	Vacant, selectment or City Council	0.0098

1 HILLSIDE AVENUE	M_221297_870818	Vacant, selectment or City Council	0.0098
MORRIS STREET	M_222319_870960	Vacant, selectment or City Council	0.0098
MORRIS STREEET	M_222249_870959	Vacant, selectment or City Council	0.0098
MORRIS STREET	M_222317_870945	Vacant, selectment or City Council	0.0098
69 RIDGE ROAD	M_221189_870390	Vacant, selectment or City Council	0.0098
MECHANIC STREET	M_222034_870244	Vacant, selectment or City Council	0.0098
WOODS AVENUE	M_222564_871409	Vacant, selectment or City Council	0.0098
WOODS AVENUE	M_222581_871380	Vacant, selectment or City Council	0.0098
CHESTNUT STREET	M_221536_869517	Vacant, selectment or City Council	0.0098
110 WASHINGTON STREET	M_218547_869888	Vacant, selectment or City Council	0.0015
154R MECHANIC STREET	M_221925_870152	Vacant, selectment or City Council	0.0012
MECHANIC STREET	M_221701_869630	Vacant, selectment or City Council	0.0007

Appendix F: Town Outfall Screening Data