Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part I: General Conditions

General Information

Name of Municipality or Organization: City of New Bedford State: MA

EPA NPDES Permit Number (if applicable): MAR041140

Primary MS4 Program Manager Contact Information

Name: Jamie Ponte Title: Dept. of Public Infrastructure Commissioner

Street Address Line 1: 1105 Shawmut Avenue

Street Address Line 2:

City: New Bedford State: MA Zip Code: 02746

Email: Jamie.Ponte@newbedford-ma.gov Phone Number: (508) 979-1550

Fax Number: (508) 961-3054

Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed): Upon completion, SWMP will be kept at DPI Office.

Eligibility Determination

Endangered Species Act (ESA) Determination Complete? Yes

Eligibility Criteria (check all that apply): ☐ A ☒ B ☐ C

National Historic Preservation Act (NHPA) Determination Complete? Yes

Eligibility Criteria (check all that apply): ☒ A ☐ B ☐ C

☑ Check the box if your municipality or organization was covered under the 2003 MS4 General Permit

MS4 Infrastructure (if covered under the 2003 permit)

Estimated Percent of Outfall Map Complete? *(Part II, III, IV or V, Subpart B.3.(a.) of 2003 permit)* 100%

If 100% of 2003 requirements not met, enter an estimated date of completion (MM/DD/YY):

Web address where MS4 map is published:

If outfall map is unavailable on the internet an electronic or paper copy of the outfall map must be included with NOI submission (see section V for submission options)

Outfall Map has been attached.

Regulatory Authorities (if covered under the 2003 permit)

Illicit Discharge Detection and Elimination (IDDE) Authority Adopted? *(Part II, III, IV or V, Subpart B.3.(b.) of 2003 permit)* Yes

Effective Date or Estimated Date of Adoption (MM/DD/YY): 12/07/16

Construction/Erosion and Sediment Control (ESC) Authority Adopted? *(Part II,III,IV or V, Subpart B.4.(a.) of 2003 permit)* Yes

Effective Date or Estimated Date of Adoption (MM/DD/YY): 12/07/16

Post- Construction Stormwater Management Adopted? *(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)* Yes

Effective Date or Estimated Date of Adoption (MM/DD/YY): 12/07/16

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part II: Summary of Receiving Waters

Please list the waterbody segments to which your MS4 discharges. For each waterbody segment, please report the number of outfalls discharging into it and, if applicable, any impairments.

Massachusetts list of impaired waters: *Massachusetts 2014 List of Impaired Waters-* http://www.mass.gov/eea/docs/dep/water/resources/07v5/14list2.pdf

Check off relevant pollutants for discharges to impaired waterbodies (see above 303(d) lists) without an approved TMDL in accordance with part 2.2.2.a of the permit. List any other pollutants in the last column, if applicable.

Waterbody segment that receives flow from the MS4	Number of outfalls into receiving water segment	Chloride	Chlorophyll-a	Dissolved Oxygen/ DO Saturation	Nitrogen	Oil & Grease/ PAH	Phosphorus	Solids/ TSS/ Turbidity	E. coli	Enterococcus	Other pollutant(s) causing impairments
Acushnet River (MA95-33)	12	☐	☐	☒	☒	☒	☐	☐	☐	☐	Fecal Coliform, (Debris/ floatables/ trash), Color, Polychlorinated biphenyls, Taste and Odor, Other
Buttonwood Brook (MA95-13)	18	☐	☐	☐	☐	☐	☐	☐	☐	☐	Fecal Coliform
Clarks Cove (MA95-38)	7	☐	☐	☐	☐	☐	☐	☐	☐	☐	Fecal Coliform, PCB Fish tissue
New Bedford Inner Harbor (MA95-42)	22	☐	☐	☒	☒	☒	☐	☐	☐	☐	(Debris/floatables/trash), Fecal Coliform, PCB in fish tissue, Other
Outer New Bedford Harbor (MA95-63)	14	☐	☐	☒	☒	☐	☐	☐	☐	☐	Estuarine Bioassesments, Fecal Coliform, PCB in fish tisse, Other
Buttonwood Park Pond (MA95020)	2	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
Sassaquin Pond (MA62232)	10	☐	☐	☐	☐	☐	☐	☐	☐	☐	Excess algal growth, Fecal Coliform, Taste and Odor
Copper Brook	6	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
Nash Pond	3	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
Brooklawn Brook	2	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
Paskamanset River (MA95-11)	24	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
Acushnet Cedar Swamp	36	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
Deep Brook	15	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
Wetlands/Open Space	8	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
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Click to lengthen table

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary

Identify the Best Management Practices (BMPs) that will be employed to address each of the six Minimum Control Measures (MCMs). For municipalities/organizations whose MS4 discharges into a receiving water with an approved Total Maximum Daily Load (TMDL) and an applicable waste load allocation (WLA), identify any additional BMPs employed to specifically support the achievement of the WLA in the TMDL section at the end of part III.

For each MCM, list each existing or proposed BMP by category and provide a brief description, responsible parties/departments, measurable goals, and the year the BMP will be employed (public education and outreach BMPs also requires a target audience). **Use the drop-down menus in each table or enter your own text to override the drop down menu.**

MCM 1: Public Education and Outreach

BMP Media/Category (enter your own text to override the drop down menu)	**BMP Description**	**Targeted Audience**	**Responsible Department/Parties** (enter your own text to override the drop down menu)	**Measurable Goal**	**Beginning Year of BMP Imple-mentation**
Brochures/Pamphlets		Residents	DPI	Distribute at least 2 messages over permit term	2018
Brochures/Pamphlets		Businesses, Institutions and Commercial Facilities	DPI	Distribute at least 2 messages over permit term	2018
Brochures/Pamphlets		Developers (construction)	DPI	Distribute at least 2 messages over permit term	2018
Brochures/Pamphlets		Industrial Facilities	DPI	Distribute at least 2 messages over permit term	2018
Web Page		General Public	DPI	Set up Stormwater page on City website	2018

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 2: Public Involvement and Participation

BMP Categorization	Brief BMP Description (enter your own text to override the drop down menu)	Responsible Department/Parties (enter your own text to override the drop down menu)	Additional Description/ Measurable Goal	Beginning Year of BMP Imple-mentation
Public Review	SWMP Review	DPI	Allow annual review of stormwater management plan and posting of stormwater management plan on website	2019
Public Participation	Household haz. waste/used oil collection	DPI	One collection day held per year	2018

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

BMP Categorization (enter your own text to override the drop down menu)	**BMP Description**	**Responsible Department/Parties** (enter your own text to override the drop down menu)	**Measurable Goal** (all text can be overwritten)	**Beginning Year of BMP Imple-mentation**
SSO inventory	Develop SSO inventory in accordance of permit conditions	DPI	Complete within 1 year of effective date of permit	2018
Storm sewer system map	Create map and update during IDDE program completion	DPI	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit	2018
Written IDDE program	Create written IDDE program	DPI	Complete within 1 year of the effective date of permit and update as required	2018
Implement IDDE program	Implement catchment investigations according to program and permit conditions	DPI	Complete 10 years after effective date of permit	2018
Employee training	Train employees on IDDE implementation	DPI	Train annually	2018
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	DPI	Complete 3 years after effective date of permit	2018
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	DPI	Complete 10 years after effective date of permit	2018
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	DPI	Complete ongoing outfall screening upon completion of IDDE program	2018

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 4: Construction Site Stormwater Runoff Control

BMP Categorization (enter your own text to override the drop down menu or entered text)	**BMP Description**	**Responsible Department/Parties** (enter your own text to override the drop down menu)	**Measurable Goal** (all text can be overwritten)	**Beginning Year of BMP Imple-mentation**
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Complete written procedures of site inspections and enforcement procedures	DPI	Complete within 1 year of the effective date of permit	2018
Site plan review	Complete written procedures of site plan review and begin implementation	DPI	Complete within 1 year of the effective date of permit	2018
Erosion and Sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program	DPI	Complete within 1 year of the effective date of permit	2018
Waste Control	Adoption of requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes	DPI	Complete within 1 year of the effective date of permit	2018

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 5: Post-Construction Stormwater Management in New Development and Redevelopment

BMP Categorization (enter your own text to override the drop down menu or entered text)	**BMP Description**	**Responsible Department/Parties** (enter your own text to override the drop down menu)	**Measurable Goal** (all text can be overwritten)	**Beginning Year of BMP Imple-mentation**
As-built plans for on-site stormwater control	The procedures to require submission of as-built drawings and ensure long term operation and maintenance will be a part of the SWMP		Require submission of as-built plans for completed projects	2019
Target properties to reduce impervious areas	Identify at least 5 permittee-owned properties that could be modified or retrofitted with BMPs to reduce impervious areas and update annually		Complete 4 years after effective date of permit and report annually on retrofitted properties	2021
Allow green infrastructure	Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist	Planning	Complete 4 years after effective date of permit and implement recommendations of report	2021
Street design and parking lot guidelines	Develop a report assessing requirements that affect the creation of impervious cover. The assessment will help determine if changes to design standards for streets and parking lots can be modified to support low impact design options.	Planning	Complete 4 years after effective date of permit and implement recommendations of report	2021

Ensure any stormwater controls or management practices for new development and redevelopment meet the retention or treatment requirements of the permit and all applicable requirements of the Massachusetts Stormwater Handbook	Adoption, amendment, or modification of a regulatory mechanism to meet permit requirements	DPI	Complete 2 years after effective date of permit	2019

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 6: Municipal Good Housekeeping and Pollution Prevention

BMP Categorization (enter your own text to override the drop down menu or entered text)	**BMP Description**	**Responsible Department/Parties** (enter your own text to override the drop down menu)	**Measurable Goal** (all text can be overwritten)	**Beginning Year of BMP Imple-mentation**
O&M procedures	Create written O&M procedures including all requirements contained in 2.3.7.a.ii for parks and open spaces, buildings and facilities, and vehicles and equipment	DPI	Complete and implement 2 years after effective date of permit	2019
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	DPI	Complete 2 years after effective date of permit and implement annually	2019
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	DPI	Complete 2 years after effective date of permit	2019
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	DPI	Complete and implement 2 years after effective date of permit	2019
Catch basin cleaning	Establish schedule for catch basin cleaning such that each catch basin is no more than 50% full and clean catch basins on that schedule	DPI	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually	2018
Street sweeping program	Sweep all streets and permitee-owned parking lots in accordance with permit conditions	DPI	Sweep all streets and permitee-owned parking lots once per year in the spring	2018
Road salt use optimization program	Establish and implement a program to minimize the use of road salt	DPI	Implement salt use optimization during deicing season	2018

Inspections and maitenance of stormwater treatment structures	Establish and implement inspection and maitenance procedures and frequencies		Inspect and maintain treatment structures at least annually	2018

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

Actions for Meeting Total Maximum Daily Load (TMDL) Requirements

Use the drop-down menus to select the applicable TMDL, action description to meet the TMDL requirements, and the responsible department/parties. If no options are applicable, or more than one, **enter your own text to override drop-down menus.**

Applicable TMDL	Action Description	Responsible Department/Parties (enter your own text to override the drop down menu)
Buzzards Bay (Bactria/Pathogen)	Adhere to requirements in part A.III of Appendix F	DPI
	Adhere to requirements in part A.III of Appendix F	

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

Actions for Meeting Requirements Related to Water Quality Limited Waters

Use the drop-down menus to select the pollutant causing the water quality limitation and enter the waterbody ID(s) experiencing excursions above water quality standards for that pollutant. Choose the action description from the dropdown menu and indicate the responsible party. If no options are applicable, or more than one, **enter your own text to override drop-down menus.**

Pollutant	Waterbody ID(s)	Action Description	Responsible Department/Parties (enter your own text to override the drop down menu)
Fecal Coliform	MA62232, MA95-33, MA95-13, MA95-38, MA95-42, MA95-63	Adhere to requirements in part III of Appendix H	DPI
Nitrogen	MA95-42, MA95-33, MA95-63	Adhere to requirements in part I of Appendix H	DPI
Oil and Grease	MA95-42, MA95-33	Adhere to requirements in part V of Appendix H	DPI
		Adhere to requirements in part V of Appendix H	

Part IV: Notes and additional information

Use the space below to indicate the part(s) of 2.2.1and 2.2.2 that you have identified as not applicable to your MS4 because you do not discharge to the impaired water body or a tributary to an impaired water body due to nitrogen or phosphorus. Provide all supporting documentation below or attach additional documents if necessary.
Also, provide any additional information about your MS4 program below.

The city is an existing facility that was authorized by the previous permit. There are no planned activities that will affect historic properties. Therefore, this facility is eligible for coverage under Criterion A for determination of coverage under the National Historic Preservation Act (NHPA).

Part V: Certification

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

Name:	Jon F. Mitchell	Title:	Mayor
Signature:		Date:	09/26/18

[To be signed according to Appendix B, Subparagraph B.11, Standard Conditions]

Note: When prompted during signing, save the document under a new file name

CDM Smith

260 West Exchange, Suite 300
Providence, RI 02903
tel: (401) 751-5360

September 25, 2018

Jamie Ponte, Commissioner
Department of Public Infrastructure
1105 Shawmut Avenue
New Bedford, MA 02746

Subject: Massachusetts MS4 – Notice of Intent

Dear Mr. Ponte:

Please find attached a copy of a draft Notice of Intent (NOI) for the City of New Bedford. The NOI is a requirement of the 2016 Massachusetts MS4 Permit (MS4 Permit) and is due to the Environmental Protection Agency (EPA) and Massachusetts Department of Environmental Protection (MassDEP) on October 1st, 2018. In addition to the attached form, a copy of the city's outfall map and correspondence in compliance with the Endangered Species Act and National Historic Preservation Act will be submitted.

Per the Standard Permit Conditions of the MS4 permit, please have Mayor Mitchell provide his signature on the last page of the Notice of Intent. Once executed please return the signature page to CDM Smith and we will submit the NOI and required documents to the EPA and MassDEP on your behalf.

Sincerely,

Eilish Corey, PE, ENV SP
Project Engineer
CDM Smith Inc.

cc: Shawn Syde

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part I: General Conditions

General Information

Name of Municipality or Organization: City of New Bedford State: MA

EPA NPDES Permit Number (if applicable): MAR041140

Primary MS4 Program Manager Contact Information

Name: Jamie Ponte Title: Dept. of Public Infrastructure Commissioner

Street Address Line 1: 1105 Shawmut Avenue

Street Address Line 2:

City: New Bedford State: MA Zip Code: 02746

Email: Jamie.Ponte@newbedford-ma.gov Phone Number: (508) 979-1550

Fax Number: (508) 961-3054

Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed): Upon completion, SWMP will be kept at DPI Office.

Eligibility Determination

Endangered Species Act (ESA) Determination Complete? No Eligibility Criteria (check all that apply): ☐ A ☐ B ☐ C

National Historic Preservation Act (NHPA) Determination Complete? Yes Eligibility Criteria (check all that apply): ☒ A ☐ B ☐ C

☑ Check the box if your municipality or organization was covered under the 2003 MS4 General Permit

MS4 Infrastructure (if covered under the 2003 permit)

Estimated Percent of Outfall Map Complete? *(Part II, III, IV or V, Subpart B.3.(a.) of 2003 permit)* 100%

If 100% of 2003 requirements not met, enter an estimated date of completion (MM/DD/YY):

Web address where MS4 map is published: Outfall Map has been attached.

If outfall map is unavailable on the internet an electronic or paper copy of the outfall map must be included with NOI submission (see section V for submission options)

Regulatory Authorities (if covered under the 2003 permit)

Illicit Discharge Detection and Elimination (IDDE) Authority Adopted? *(Part II, III, IV or V, Subpart B.3.(b.) of 2003 permit)* Yes — Effective Date or Estimated Date of Adoption (MM/DD/YY): 12/07/16

Construction/Erosion and Sediment Control (ESC) Authority Adopted? *(Part II,III,IV or V, Subpart B.4.(a.) of 2003 permit)* Yes — Effective Date or Estimated Date of Adoption (MM/DD/YY): 12/07/16

Post- Construction Stormwater Management Adopted? *(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)* Yes — Effective Date or Estimated Date of Adoption (MM/DD/YY): 12/07/16

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part II: Summary of Receiving Waters

Please list the waterbody segments to which your MS4 discharges. For each waterbody segment, please report the number of outfalls discharging into it and, if applicable, any impairments.

Massachusetts list of impaired waters: *Massachusetts 2014 List of Impaired Waters*- http://www.mass.gov/eea/docs/dep/water/resources/07v5/14list2.pdf

Check off relevant pollutants for discharges to impaired waterbodies (see above 303(d) lists) without an approved TMDL in accordance with part 2.2.2.a of the permit. List any other pollutants in the last column, if applicable.

Waterbody segment that receives flow from the MS4	Number of outfalls into receiving water segment	Chloride	Chlorophyll-a	Dissolved Oxygen/ DO Saturation	Nitrogen	Oil & Grease/ PAH	Phosphorus	Solids/ TSS/ Turbidity	E. coli	Enterococcus	Other pollutant(s) causing impairments
Acushnet River (MA95-33)	12	☐	☐	☒	☒	☒	☐	☐	☐	☐	Fecal Coliform, (Debris/ floatables/ trash), Color, Polychlorinated biphenyls, Taste and Odor, Other
Buttonwood Brook (MA95-13)	18	☐	☐	☐	☐	☐	☐	☐	☐	☐	Fecal Coliform
Clarks Cove (MA95-38)	7	☐	☐	☐	☐	☐	☐	☐	☐	☐	Fecal Coliform, PCB Fish tissue
New Bedford Inner Harbor (MA95-42)	22	☐	☐	☒	☒	☒	☐	☐	☐	☐	(Debris/floatables/trash), Fecal Coliform, PCB in fish tissue, Other
Outer New Bedford Harbor (MA95-63)	14	☐	☐	☒	☒	☐	☐	☐	☐	☐	Estuarine Bioassesments, Fecal Coliform, PCB in fish tisse, Other
Buttonwood Park Pond (MA95020)	2	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
Sassaquin Pond (MA62232)	10	☐	☐	☐	☐	☐	☐	☐	☐	☐	Excess algal growth, Fecal Coliform, Taste and Odor
Copper Brook	6	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
Nash Pond	3	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
Brooklawn Brook	2	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
Paskamanset River (MA95-11)	24	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
Acushnet Cedar Swamp	36	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
Deep Brook	15	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
Wetlands/Open Space	8	☐	☐	☐	☐	☐	☐	☐	☐	☐	n/a
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Click to lengthen table

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary

Identify the Best Management Practices (BMPs) that will be employed to address each of the six Minimum Control Measures (MCMs). For municipalities/organizations whose MS4 discharges into a receiving water with an approved Total Maximum Daily Load (TMDL) and an applicable waste load allocation (WLA), identify any additional BMPs employed to specifically support the achievement of the WLA in the TMDL section at the end of part III.

For each MCM, list each existing or proposed BMP by category and provide a brief description, responsible parties/departments, measurable goals, and the year the BMP will be employed (public education and outreach BMPs also requires a target audience). **Use the drop-down menus in each table or enter your own text to override the drop down menu.**

MCM 1: Public Education and Outreach

BMP Media/Category (enter your own text to override the drop down menu)	**BMP Description**	**Targeted Audience**	**Responsible Department/Parties** (enter your own text to override the drop down menu)	**Measurable Goal**	**Beginning Year of BMP Imple-mentation**
Brochures/Pamphlets		Residents	DPI	Distribute at least 2 messages over permit term	2018
Brochures/Pamphlets		Businesses, Institutions and Commercial Facilities	DPI	Distribute at least 2 messages over permit term	2018
Brochures/Pamphlets		Developers (construction)	DPI	Distribute at least 2 messages over permit term	2018
Brochures/Pamphlets		Industrial Facilities	DPI	Distribute at least 2 messages over permit term	2018
Web Page		General Public	DPI	Set up Stormwater page on City website	2018

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 2: Public Involvement and Participation

BMP Categorization	Brief BMP Description (enter your own text to override the drop down menu)	Responsible Department/Parties (enter your own text to override the drop down menu)	Additional Description/ Measurable Goal	Beginning Year of BMP Imple-mentation
Public Review	SWMP Review	DPI	Allow annual review of stormwater management plan and posting of stormwater management plan on website	2019
Public Participation	Household haz. waste/used oil collection	DPI	One collection day held per year	2018

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

BMP Categorization (enter your own text to override the drop down menu)	**BMP Description**	**Responsible Department/Parties** (enter your own text to override the drop down menu)	**Measurable Goal** (all text can be overwritten)	**Beginning Year of BMP Imple-mentation**
SSO inventory	Develop SSO inventory in accordance of permit conditions	DPI	Complete within 1 year of effective date of permit	2018
Storm sewer system map	Create map and update during IDDE program completion	DPI	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit	2018
Written IDDE program	Create written IDDE program	DPI	Complete within 1 year of the effective date of permit and update as required	2018
Implement IDDE program	Implement catchment investigations according to program and permit conditions	DPI	Complete 10 years after effective date of permit	2018
Employee training	Train employees on IDDE implementation	DPI	Train annually	2018
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	DPI	Complete 3 years after effective date of permit	2018
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	DPI	Complete 10 years after effective date of permit	2018
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	DPI	Complete ongoing outfall screening upon completion of IDDE program	2018

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 4: Construction Site Stormwater Runoff Control

BMP Categorization (enter your own text to override the drop down menu or entered text)	**BMP Description**	**Responsible Department/Parties** (enter your own text to override the drop down menu)	**Measurable Goal** (all text can be overwritten)	**Beginning Year of BMP Imple-mentation**
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Complete written procedures of site inspections and enforcement procedures	DPI	Complete within 1 year of the effective date of permit	2018
Site plan review	Complete written procedures of site plan review and begin implementation	DPI	Complete within 1 year of the effective date of permit	2018
Erosion and Sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program	DPI	Complete within 1 year of the effective date of permit	2018
Waste Control	Adoption of requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes	DPI	Complete within 1 year of the effective date of permit	2018

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 5: Post-Construction Stormwater Management in New Development and Redevelopment

BMP Categorization (enter your own text to override the drop down menu or entered text)	**BMP Description**	**Responsible Department/Parties** (enter your own text to override the drop down menu)	**Measurable Goal** (all text can be overwritten)	**Beginning Year of BMP Imple-mentation**
As-built plans for on-site stormwater control	The procedures to require submission of as-built drawings and ensure long term operation and maintenance will be a part of the SWMP		Require submission of as-built plans for completed projects	2019
Target properties to reduce impervious areas	Identify at least 5 permittee-owned properties that could be modified or retrofitted with BMPs to reduce impervious areas and update annually		Complete 4 years after effective date of permit and report annually on retrofitted properties	2021
Allow green infrastructure	Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist	Planning	Complete 4 years after effective date of permit and implement recommendations of report	2021
Street design and parking lot guidelines	Develop a report assessing requirements that affect the creation of impervious cover. The assessment will help determine if changes to design standards for streets and parking lots can be modified to support low impact design options.	Planning	Complete 4 years after effective date of permit and implement recommendations of report	2021

Ensure any stormwater controls or management practices for new development and redevelopment meet the retention or treatment requirements of the permit and all applicable requirements of the Massachusetts Stormwater Handbook	Adoption, amendment, or modification of a regulatory mechanism to meet permit requirements	DPI	Complete 2 years after effective date of permit	2019

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 6: Municipal Good Housekeeping and Pollution Prevention

BMP Categorization (enter your own text to override the drop down menu or entered text)	**BMP Description**	**Responsible Department/Parties** (enter your own text to override the drop down menu)	**Measurable Goal** (all text can be overwritten)	**Beginning Year of BMP Imple-mentation**
O&M procedures	Create written O&M procedures including all requirements contained in 2.3.7.a.ii for parks and open spaces, buildings and facilities, and vehicles and equipment	DPI	Complete and implement 2 years after effective date of permit	2019
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	DPI	Complete 2 years after effective date of permit and implement annually	2019
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	DPI	Complete 2 years after effective date of permit	2019
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	DPI	Complete and implement 2 years after effective date of permit	2019
Catch basin cleaning	Establish schedule for catch basin cleaning such that each catch basin is no more than 50% full and clean catch basins on that schedule	DPI	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually	2018
Street sweeping program	Sweep all streets and permitee-owned parking lots in accordance with permit conditions	DPI	Sweep all streets and permitee-owned parking lots once per year in the spring	2018
Road salt use optimization program	Establish and implement a program to minimize the use of road salt	DPI	Implement salt use optimization during deicing season	2018

Inspections and maitenance of stormwater treatment structures	Establish and implement inspection and maitenance procedures and frequencies		Inspect and maintain treatment structures at least annually	2018

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

Actions for Meeting Total Maximum Daily Load (TMDL) Requirements

Use the drop-down menus to select the applicable TMDL, action description to meet the TMDL requirements, and the responsible department/parties. If no options are applicable, or more than one, **enter your own text to override drop-down menus.**

Applicable TMDL	Action Description	Responsible Department/Parties (enter your own text to override the drop down menu)
Buzzards Bay (Bactria/Pathogen)	Adhere to requirements in part A.III of Appendix F	DPI
	Adhere to requirements in part A.III of Appendix F	

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

Actions for Meeting Requirements Related to Water Quality Limited Waters

Use the drop-down menus to select the pollutant causing the water quality limitation and enter the waterbody ID(s) experiencing excursions above water quality standards for that pollutant. Choose the action description from the dropdown menu and indicate the responsible party. If no options are applicable, or more than one, **enter your own text to override drop-down menus.**

Pollutant	Waterbody ID(s)	Action Description	Responsible Department/Parties (enter your own text to override the drop down menu)
Fecal Coliform	MA62232, MA95-33, MA95-13, MA95-38, MA95-42, MA95-63	Adhere to requirements in part III of Appendix H	DPI
Nitrogen	MA95-42, MA95-33, MA95-63	Adhere to requirements in part I of Appendix H	DPI
Oil and Grease	MA95-42, MA95-33	Adhere to requirements in part V of Appendix H	DPI
		Adhere to requirements in part V of Appendix H	

Part IV: Notes and additional information

Use the space below to indicate the part(s) of 2.2.1and 2.2.2 that you have identified as not applicable to your MS4 because you do not discharge to the impaired water body or a tributary to an impaired water body due to nitrogen or phosphorus. Provide all supporting documentation below or attach additional documents if necessary. Also, provide any additional information about your MS4 program below.

The city is an existing facility that was authorized by the previous permit. There are no planned activities that will affect historic properties. Therefore, this facility is eligible for coverage under Criterion A for determination of coverage under the National Historic Preservation Act (NHPA).

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part V: Certification

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

Name:	Jonathan F. Mitchell	Title:	Mayor
Signature:		Date:	9/26/18

[To be signed according to Appendix B, Subparagraph B.11, Standard Conditions]

Note: When prompted during signing, save the document under a new file name

CDM Smith
260 West Exchange Street, Suite 300
Providence, Rhode Island 02903
tel: 401 457-0321

August 27, 2018

U.S. Fish and Wildlife Service
New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301

Subject: Project Review Request, City of New Bedford, MA MS4 NOI, New Bedford, Massachusetts, SLI Number: 05E1NE00-2018-E-06187

Dear Reviewer:

We have reviewed the referenced project using the Environmental Protection Agency's (EPA) project review process for our Municipal Separate Storm Sewer System (MS4) and have followed all guidance and instructions in completing the review. We completed our review on August 8, 2018 and are submitting our project package in accordance with the instructions for further review. The U.S. Fish and Wildlife Service's (USFWS) Information for Planning and Consultation (IPaC) species list indicated these species may be present in the project area: Northern Long Eared Bat and the Roseate Tern. We are submitting this letter as a non-Federal representative of the EPA pursuant to the requirements of the EPA's process for NPDES/MS4 permits.

Our proposed action consists of implementation of a series of non-structural BMPs (e.g. improved drainage system maintenance, implementation of local ordinances/by-lays to control erosion and sedimentation, illicit discharge detection and eliminations program, and implantation of public outreach programs) to protect and improve the quality of stormwater conveyed to receiving water via the existing municipal drainage system. These non-structural BMPs will not adversely affect the water quality of the local receiving waters, but rather will improve water quality over the long term. Therefore, it is our opinion that the City is eligible for coverage pursuant to the Permit. We respectfully request written concurrence from the USFWS that the continued discharge of municipal stormwater to the receiving waters via the existing municipal drainage system will have *no affect/no adverse affect* to federally protected endangered or threatened species. In the future, if the City determines structural BMPs are required to improve water quality, a separate request will be made to the USFWS as part of that specific project. In order to meet EPA-mandated submission requirements we would appreciate a response by September 20, 2018. The location action area is identified on the enclosed map.

Permit implementation will begin in the fall of 2018 and the permit has an expiration date of June 30, 2022.

This is a request for review by the Service pursuant to section 7 of the Endangered Species Act. We determined that the project may affect but is not likely to adversely affect the above listed species, because these non-structural BMPs will not adversely affect the water quality of the local receiving waters, but rather will improve water quality over the long term. Species are further identified below with specific information regarding the project impacts to each.

- Northern Long-eared Bat (*Myotis septentrionalis*) – The project proposes implementation of non-structural efforts to improve stormwater discharge quality and will not impact the environments utilized by the norther long-eared bat.
- Roseate Tern (*Sterna dougallii dougallii*) – Discharges from proposed projects may reach the environments utilized by the roseate tern. However, BMPs will be implemented throughout the City to reduce pollutants to the extent practicable and the discharges are not known to have any measurable impacts on roseate terns, the fish they eat, or their habitat.

The enclosed project package provides the information about the species and/or critical habitat considered in our review, and we identified our determinations for the resources that may be affected by the project. We request you concur with our determination that the project may affect but is not likely to adversely affect the species described above.

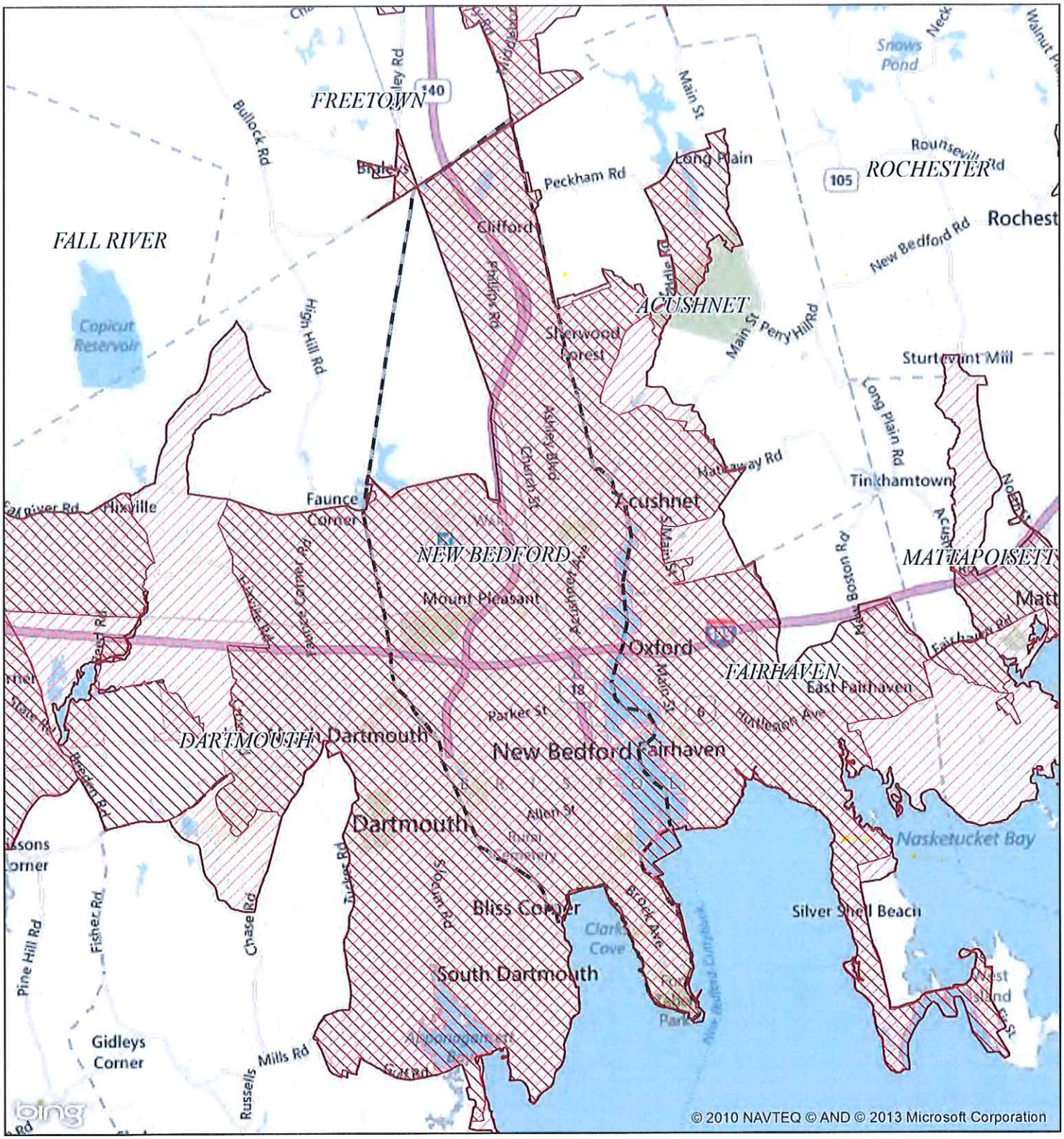
For additional information, please contact me at the address listed above, by phone at 401-457-0321, or gallantdj@cdmsmith.com.

Sincerely,

Danielle Gallant, QEP
Environmental Scientist
CDM Smith Inc.

cc: Eilish Corey, CDM Smith

Enclosures: List of Threatened or Endangered Species from USFWS
New Bedford, MA Designated MS4 Areas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New Bedford
Fairhaven
Acushnet
Oxford
Mount Pleasant
Faunce Corner
Hixville
Tinkhamtown
Long Plain
Clifford
Sherwood Forest
Bliss Corner
South Dartmouth
Gidleys Corner
East Fairhaven
Nasketucket Bay
Silver Shell Beach
Copicut Reservoir
Snows Pond
Sturtevant Mill
Peckham Rd
Bullock Rd
High Hill Rd
Main St
Perry Hill Rd
New Bedford Rd
Long Plain Rd
Hathaway Rd
Tucker Rd
Chase Rd
Fisher Rd
Pine Hill Rd
Russells Mills Rd
Allen St
Parker St
Huttleston Ave
Broad Ave
Clark Cove
Fairhaven Rd
Mill Rd
Walnut St
Neck
Rounseville Rd
Rochest
Nortonville
Acushnet Ave
Kilburn St
Church St
Hathaway Rd
Mill Rd
Tucker Rd
Chase Rd
Fisher Rd
Pine Hill Rd
Russells Mills Rd
Oak Rd
Bedford Rd
State Rd
Cornell Rd
Faunce Corner Rd
Hixville Rd
Dartmouth Rd
Fairhaven Rd
Mill Rd
Boston Rd
Main St
Kilburn St
Broad Ave
Huttleston Ave
Parker St
Allen St
Tucker Rd
South

United States Department of the Interior

FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
Phone: (603) 223-2541 Fax: (603) 223-0104
http://www.fws.gov/newengland

In Reply Refer To:
Consultation Code: 05E1NE00-2018-SLI-2647
Event Code: 05E1NE00-2018-E-06187
Project Name: New Bedford Ms4

August 08, 2018

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm; http://www.towerkill.com; and http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
(603) 223-2541

Project Summary

Consultation Code: 05E1NE00-2018-SLI-2647

Event Code: 05E1NE00-2018-E-06187

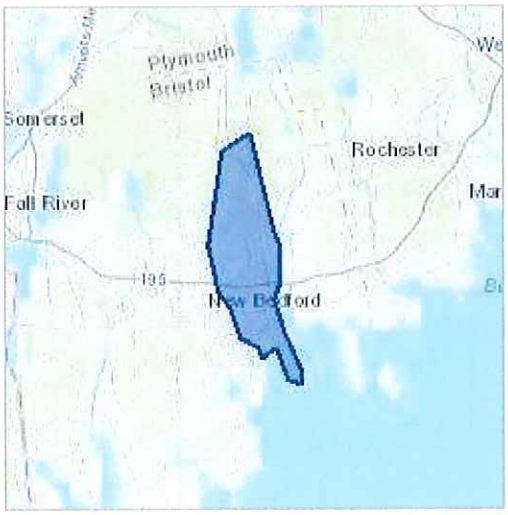
Project Name: New Bedford Ms4

Project Type: ** OTHER **

Project Description: Project consists of updating existing Ms4 Permit.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/place/41.668532528882636N70.94611598309011W



Counties: Bristol, MA

Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat *Myotis septentrionalis* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Birds

NAME	STATUS
Roseate Tern *Sterna dougallii dougallii* Population: northeast U.S. nesting pop. No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2083	Endangered

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

Corey, Eilish

To: Gallant, Danielle (Lemoi)
Subject: RE: USFWS Section 7 Concurrence Letter: MA 2016 Small MS4 General Permit

From: Dykstra, Eliese <eliese_dykstra@fws.gov>
Sent: Wednesday, September 26, 2018 8:47 AM
To: Gallant, Danielle (Lemoi) <GallantDJ@cdmsmith.com>
Subject: USFWS Section 7 Concurrence Letter: MA 2016 Small MS4 General Permit

Dear Danielle Gallant,

Thank you for contacting us regarding the Massachusetts 2016 Small MS4 General Permit for the towns of Brockton, Marion, and New Bedford. Due to the large volume of consultation requests we have received in the past few months for the MA MS4 General Permit, we have created a letter in accordance with section 7 of the Endangered Species Act that may be used in place of an individual concurrence letter for projects that meet certain criteria. We have reviewed your consultation request for listed species that may be in your project action area and have attached our signed response below for you to include in your EPA application.

If you have questions or concerns, please let me know. I can be reached by email at eliese_dykstra@fws.gov, or phone at (603) 227-6427.

Sincerely,
Eliese Dykstra

--
Eliese Dykstra
Fish and Wildlife Biologist
U.S. Fish and Wildlife Service
New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301
Phone: 603-227-6427
Email: eliese_dykstra@fws.gov

United States Department of the Interior

FISH AND WILDLIFE SERVICE

New England Field Office
70 Commercial St, Suite 300
Concord, NH 03301-5087
http://www.fws.gov/newengland

September 24, 2018

To whom it may concern:

The U.S. Fish and Wildlife Service (USFWS) reviewed the stormwater discharge activities associated with the 2016 National Pollutant Discharge and Elimination System (NPDES) Massachusetts (MA) Small Municipal Separate Storm Sewer System (MS4) general permit (MA MS4 General Permit) issued by the Environmental Protection Agency (EPA). We determined those activities may affect, but are not likely to adversely affect, certain species listed under the Endangered Species Act (ESA) of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) when specific conditions are met. When these conditions are met, we do not need to review individual projects. These comments are provided in accordance with section 7 of the ESA and complement existing 2016 MA MS4 General Permit Appendix C Guidance. We understand the applicant is acting as a non-Federal representative of the EPA for the purpose of consultation under section 7. **This letter provides additional guidance for meeting Criterion B and should be submitted as part of your application package to the EPA.**

If the USFWS Information for Planning and Consultation website (https://ecos.fws.gov/ipac/) indicates your MA MS4 General Permit project action area may contain one or more of the following federally listed endangered species: roseate tern (*Sterna dougallii*), northern red-bellied cooter (*Pseudemys rubriventris*), dwarf wedgemussel (*Alasmidonta heterodon*), rusty patched bumble bee (*Bombus affinis*), northeastern bulrush (*Scirpus ancistrochaetus*), or American chaffseed (*Schwalbea americana*); threatened species: piping plover (*Charadrius melodus*), bog turtle (*Glyptemys muhlenbergii*), Puritan tiger beetle (*Cicindela puritana*), northeastern beach tiger beetle (*Cicindela dorsalis*), or red knot (*Calidris canutus rufa*); or their federally designated critical habitat; and the specific conditions listed below are met, you may submit this letter to complete the **MA MS4 General Permit Appendix C: Step 4** in place of a concurrence letter for informal consultation as documentation of ESA eligibility for **USFWS Criterion B**.

In addition, this letter also satisfies the requirement in the **MA MS4 General Permit Appendix C: Step 2 (3)** to contact the USFWS and obtain a concurrence letter, if you have not yet done so. If your project action area includes one or more of the above-listed species *and* one or more of the

species listed under **Criterion C,**[1] you may still use this letter to certify under **Criterion B**. All existing guidance regarding requirements for certifying eligibility according to the USFWS Criterion A, B, or C for coverage by the 2016 MS4 Permit (see MA MS4 General Permit Appendix C – Endangered Species Guidance) remains unchanged.

We have determined that proposed stormwater discharge activities covered under the 2016 MS4 Permit *may affect, but are not likely to adversely affect*, the above-listed species and the species' critical habitat when the following are true:

1. all stormwater discharges are pre-existing or previously permitted by EPA;
2. any planned operations and maintenance work covered by this permit will only affect previously disturbed areas where stormwater controls are already installed. In these situations the chance of encountering any of the subject species is discountable;
3. the project implements EPA MS4 Best Management Practices (BMPs) and meets Clean Water Act and Massachusetts Water Quality Standards. Although permitted discharges may reach the environment used by these species, BMPs reduce pollutants to the extent that discharges are not known to have measurable impacts on these species or their habitat;
4. no new construction or structural BMPs are proposed under this permit at this time; and
5. you agree that if, during the course of the permit term, you plan to install a structural BMP not identified in the Notice of Intent (NOI), you will re-initiate consultation with the USFWS as necessary (see **MA MS4 General Permit Appendix C: Step 2 (5)**).

If the above criteria are met, further consultation with the USFWS under section 7 of the ESA is not required at this time; however, if the proposed action changes in any way such that it may affect a listed species in a manner not previously analyzed or if new information reveals the presence of additional listed species that may be affected by the project, the applicant or the EPA should contact us immediately and suspend activities that may affect those species until the appropriate level of consultation is completed with our office. Thank you for your cooperation, and please contact David Simmons of this office at (603) 227-6425 if you have questions or need further assistance.

Sincerely yours,

Thomas R Chapman
Supervisor
New England Field Office

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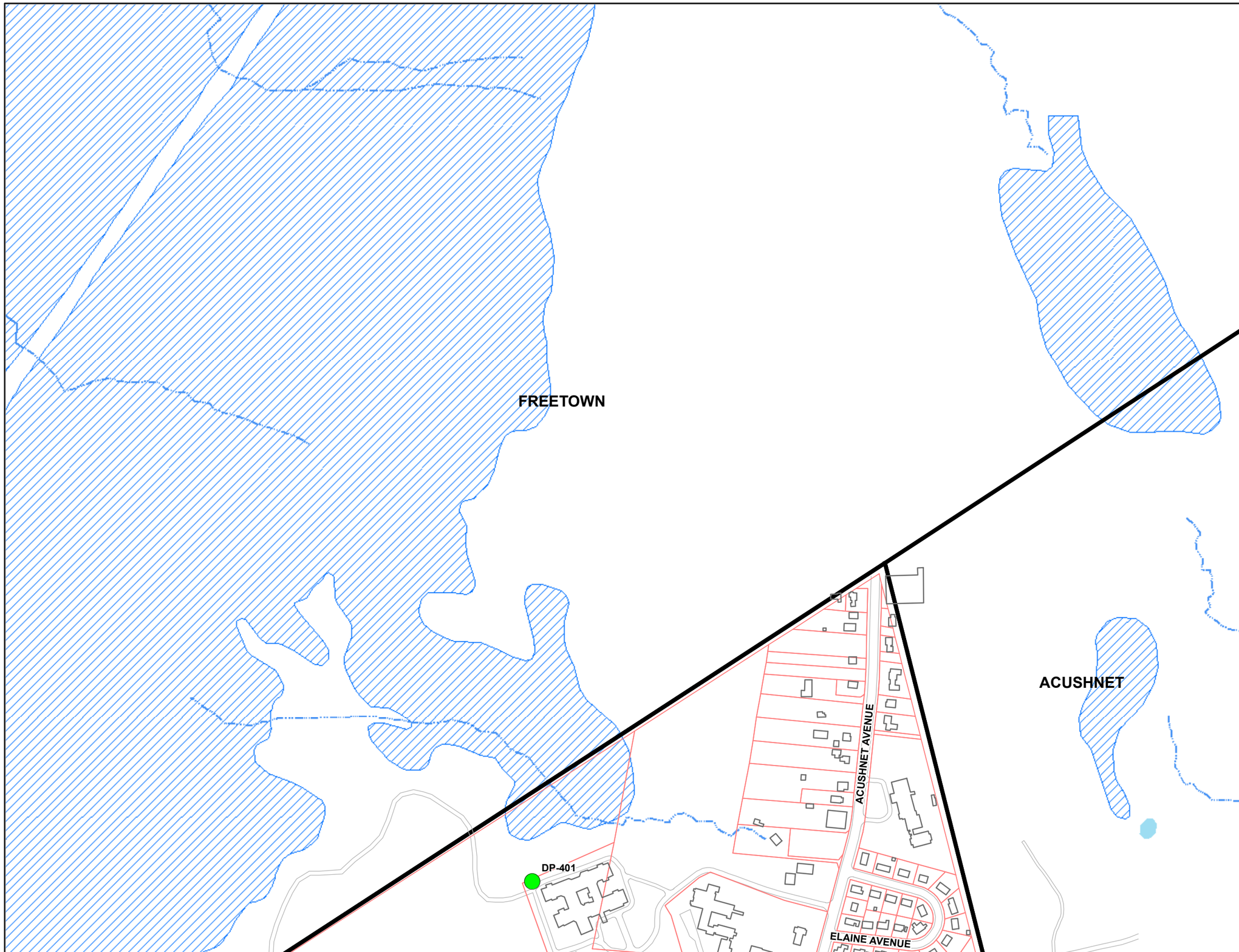
[1] Criterion C includes guidance for project action areas that may contain species for which EPA has already made a determination. These species include the northern long-eared bat (*Myotis septentrionalis*), sandplain gerardia (*Agalinis acuta*), small whorled pogonia (*Isotria medeoloides*), and/or American burying beetle (*Nicrophorus americanus*) (MA MS4 General Permit Appendix C: Step 3 – Determine if You Can Meet Eligibility USFWS Criterion C).



City of New Bedford

Massachusetts

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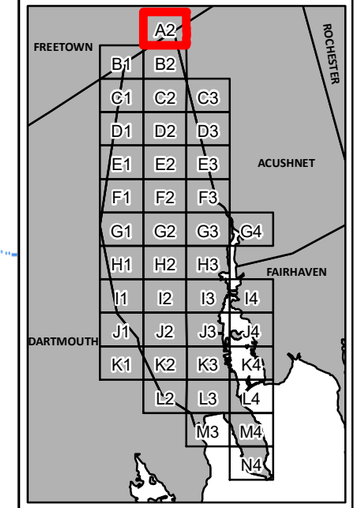
Outfall Map

- Drainage Outfall
- Building
- Parcels
- Road Edge
- Perennial Stream
- Intermittent Stream
- Pond, Lake, Ocean
- Reservoir
- Wetland
- Salt Wetland
- Submerged Wetland
- Cranberry Bog
- Tidal Flat
- Inundated Area



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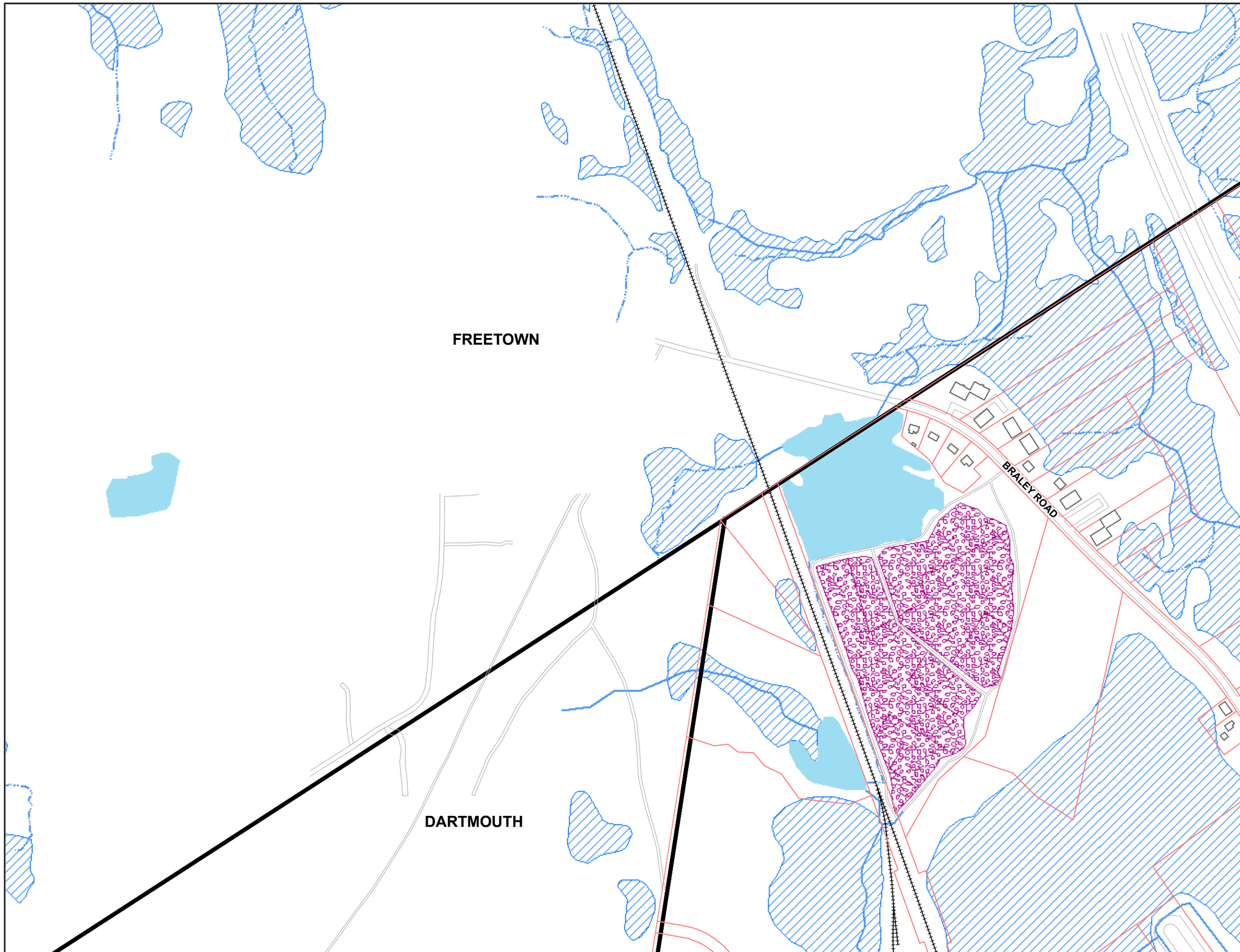

City of New Bedford

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Outfall Map

- Drainage Outfall
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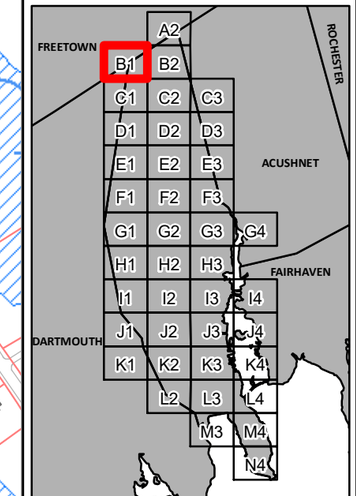

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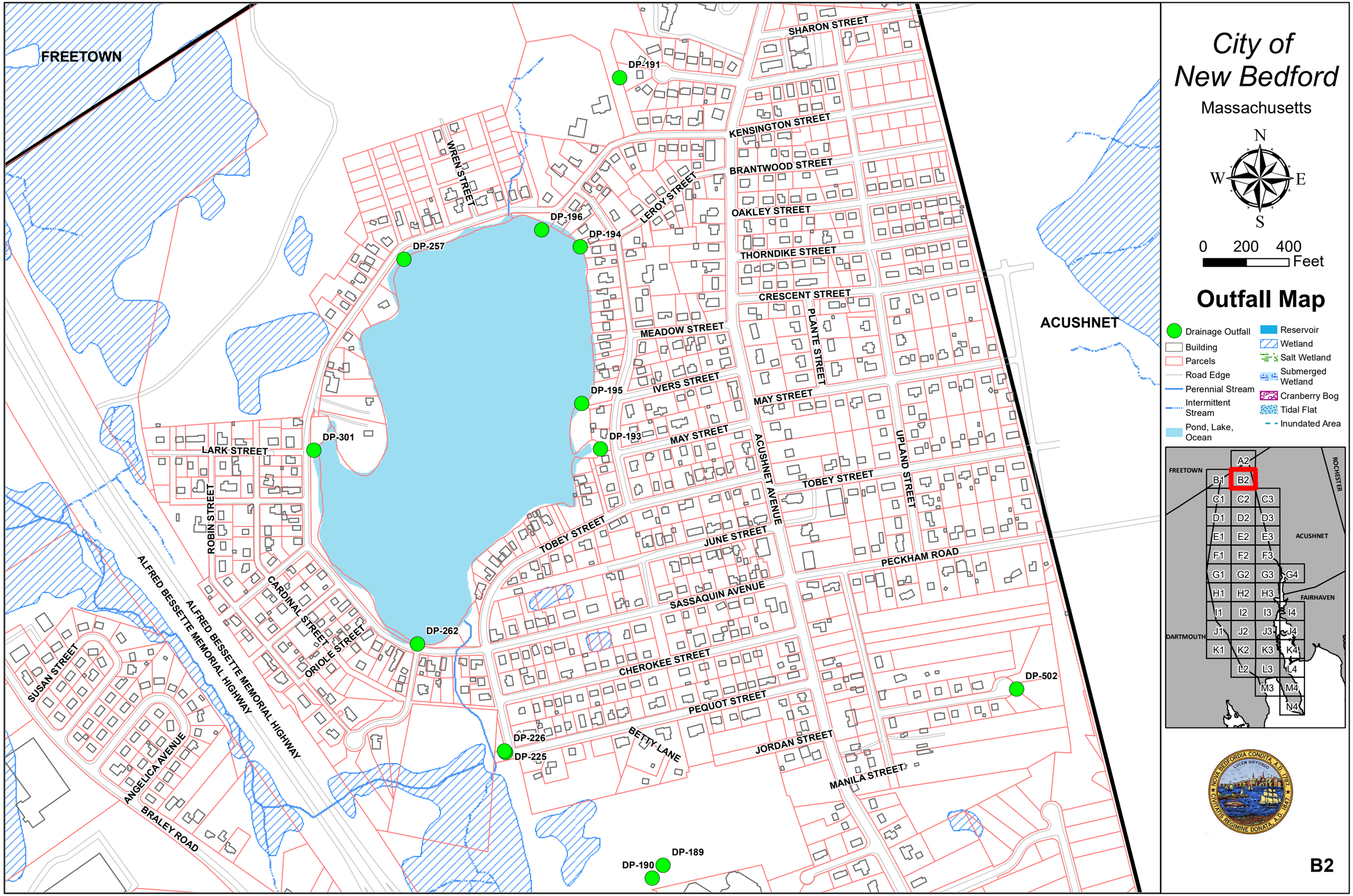
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Outfall Map
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Intermittent Stream
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Tidal Flat
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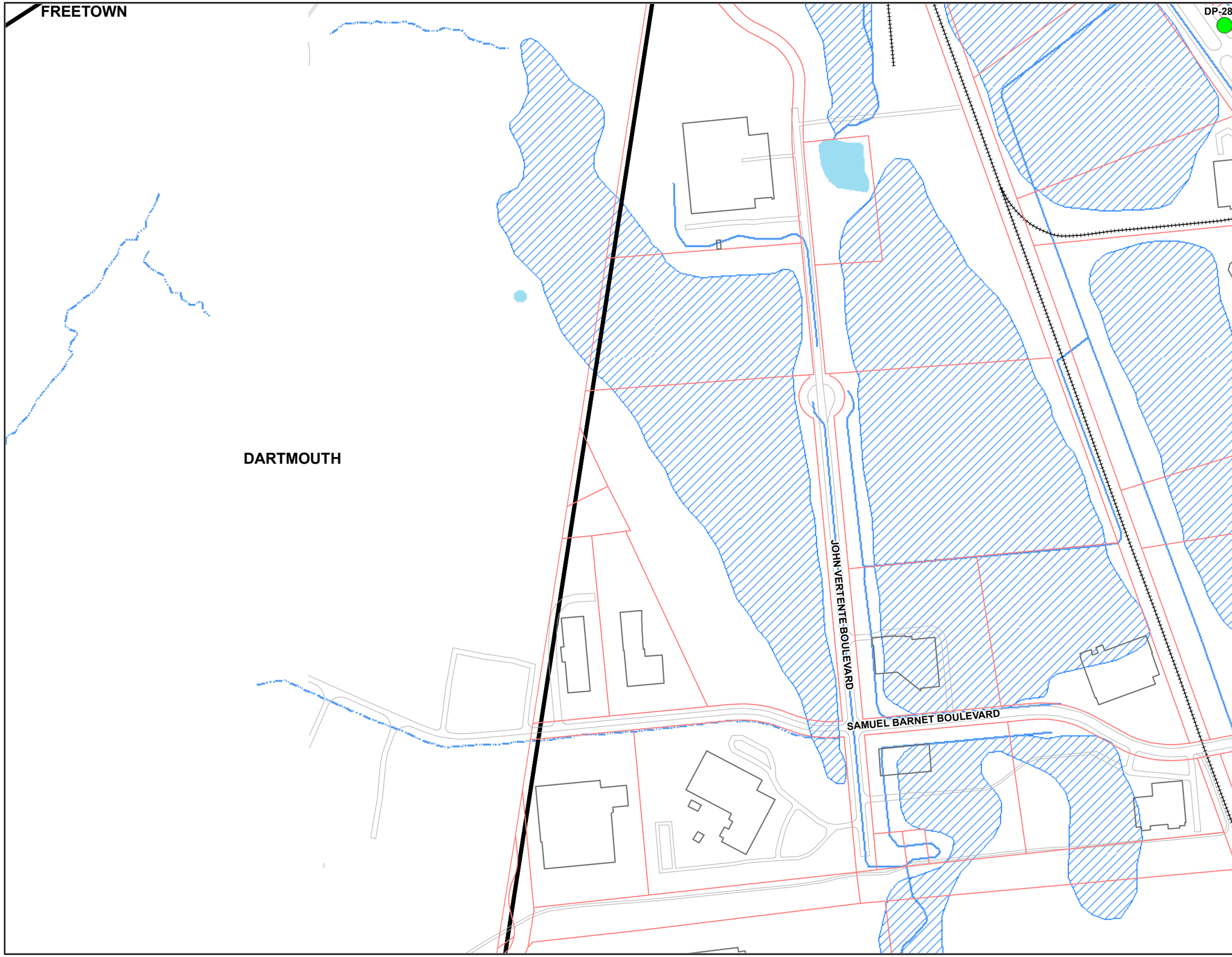
KENSINGTON STREET
BRANTWOOD STREET
OAKLEY STREET
THORNDIKE STREET
CRESCENT STREET
MEADOW STREET
IVERS STREET
MAY STREET
TOBEY STREET
JUNE STREET
SASSAQUIN AVENUE
CHEROKEE STREET
PEQUOT STREET
BETTY LANE
JORDAN STREET
MANILA STREET
PECKHAM ROAD
UPLAND STREET
PLANTE STREET
ACUSHNET AVENUE
LEROY STREET
WREN STREET
LARK STREET
ROBIN STREET
CARDINAL STREET
ORIOLE STREET
SUSAN STREET
ANGELICA AVENUE
BRALEY ROAD
ALFRED BESSETTE MEMORIAL HIGHWAY
ALFRED BESSETTE MEMORIAL HIGHWAY



City of New Bedford

Massachusetts

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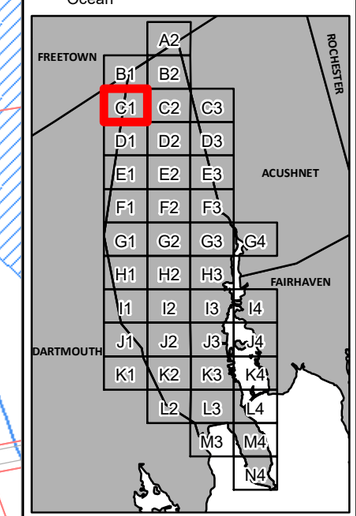
Feet

Outfall Map

- Drainage Outfall
- Building
- Parcels
- Road Edge
- Perennial Stream
- Intermittent Stream
- Pond, Lake, Ocean
- Reservoir
- Wetland
- Salt Wetland
- Submerged Wetland
- Cranberry Bog
- Tidal Flat
- Inundated Area



C1

City of New Bedford

Massachusetts

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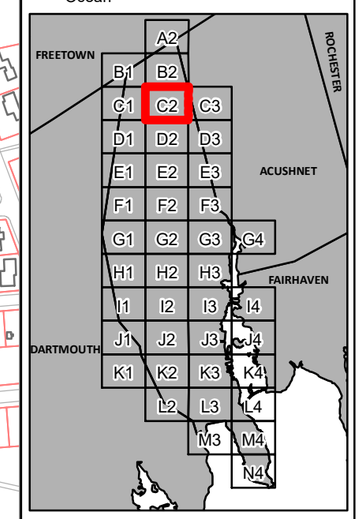
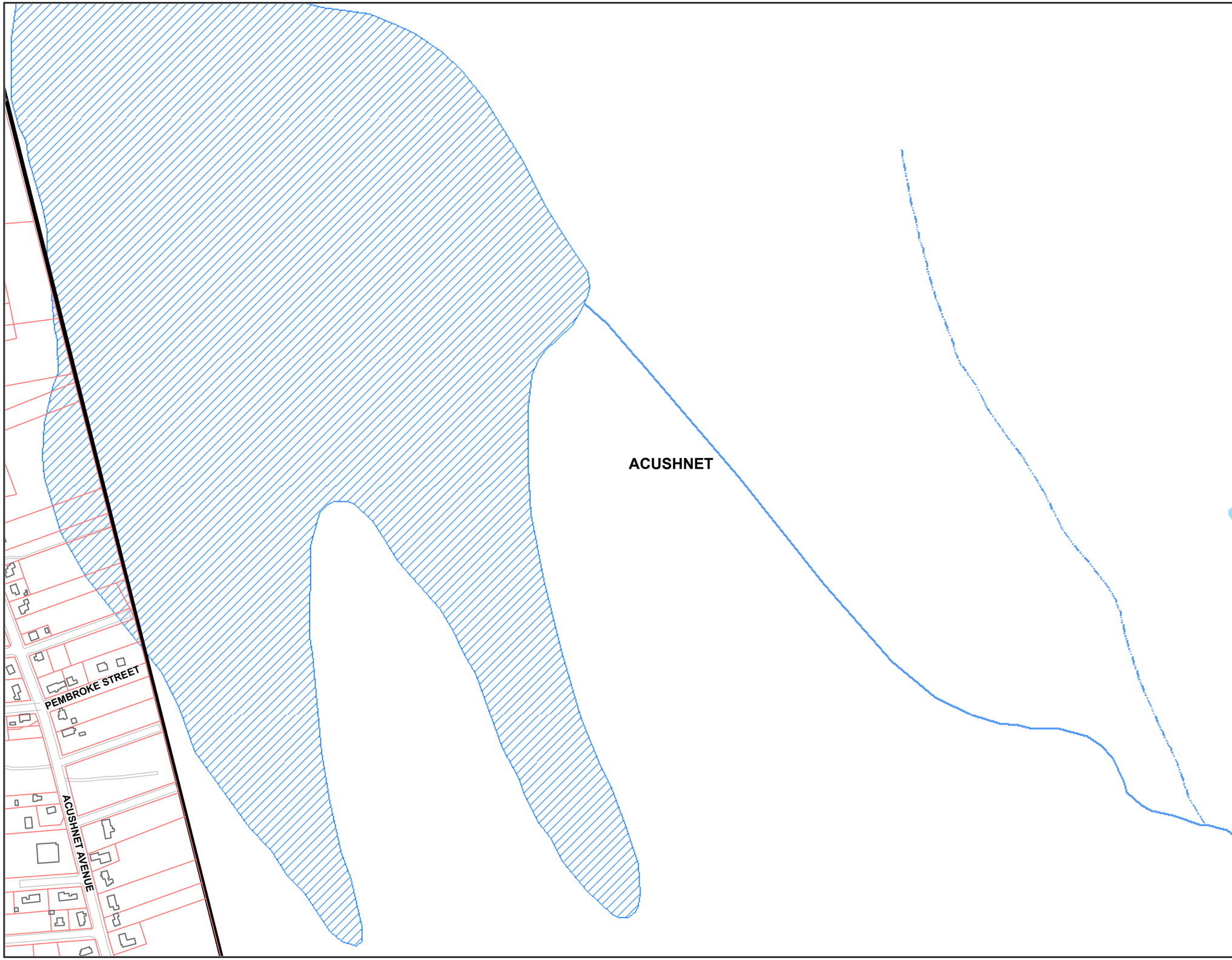


C2

DP-264
DP-265
DP-124
DP-287
DP-198
DP-174
DP-302 DP-303
DP-239

RAMP-BRALEY RD TO RT 140 NB
ALFRED BESSETTE MEMORIAL HIGHWAY
RAMP-BRALEY RD TO RT 140 SB
ALFRED BESSETTE MEMORIAL HIGHWAY
THEODORE RICE BOULEVARD
DUCHAINE BOULEVARD
SAMUEL BARNET BOULEVARD
SAMUEL BARNET BOULEVARD
PHILLIPS ROAD
BRALEY ROAD
BLAZE ROAD
COTTONWOOD ROAD
POPLAR ROAD
GARRISON ROAD
HILL ROAD
LAUREL WOOD DRIVE
BRIARWOOD DRIVE
TIMBERLANE ROAD
BRIARWOOD COURT
ACUSHNET
ACUSHNET AVENUE
WESTGATE STREET
CHURCHILL STREET
BARTLETT STREET
BEVERLY STREET
PURITAN WAY
HERITAGE COURT
HERITAGE DRIVE
BIRCHWOOD DRIVE
IVY ROAD



City of New Bedford

Massachusetts

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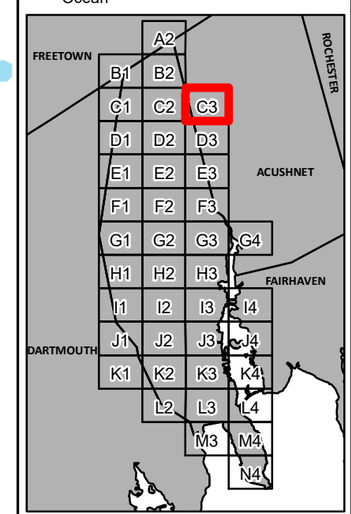

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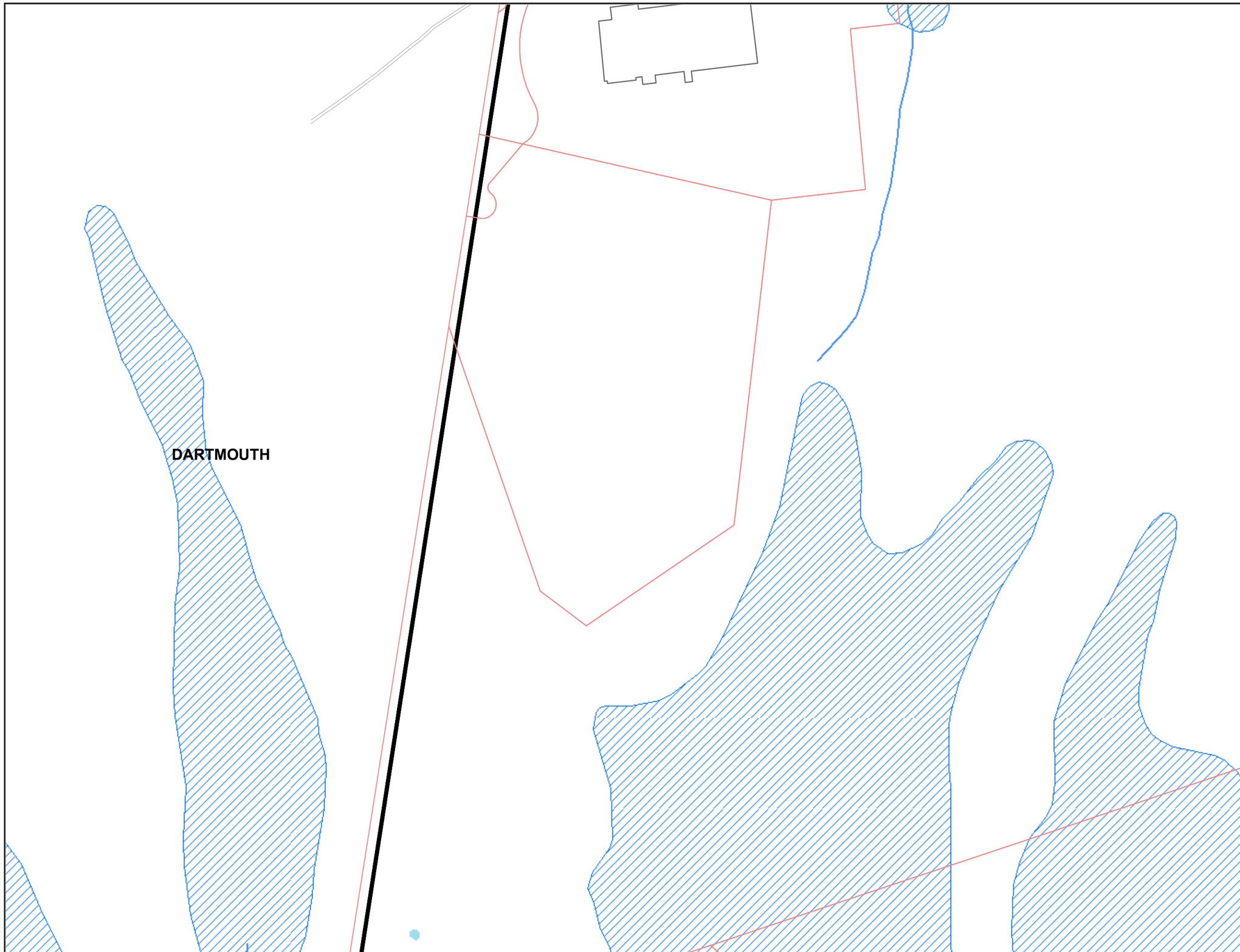

City of New Bedford

Massachusetts

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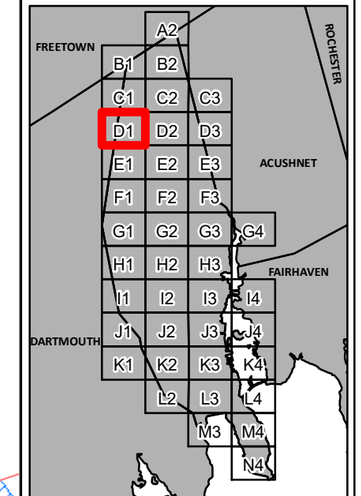

D1

City of New Bedford

Massachusetts

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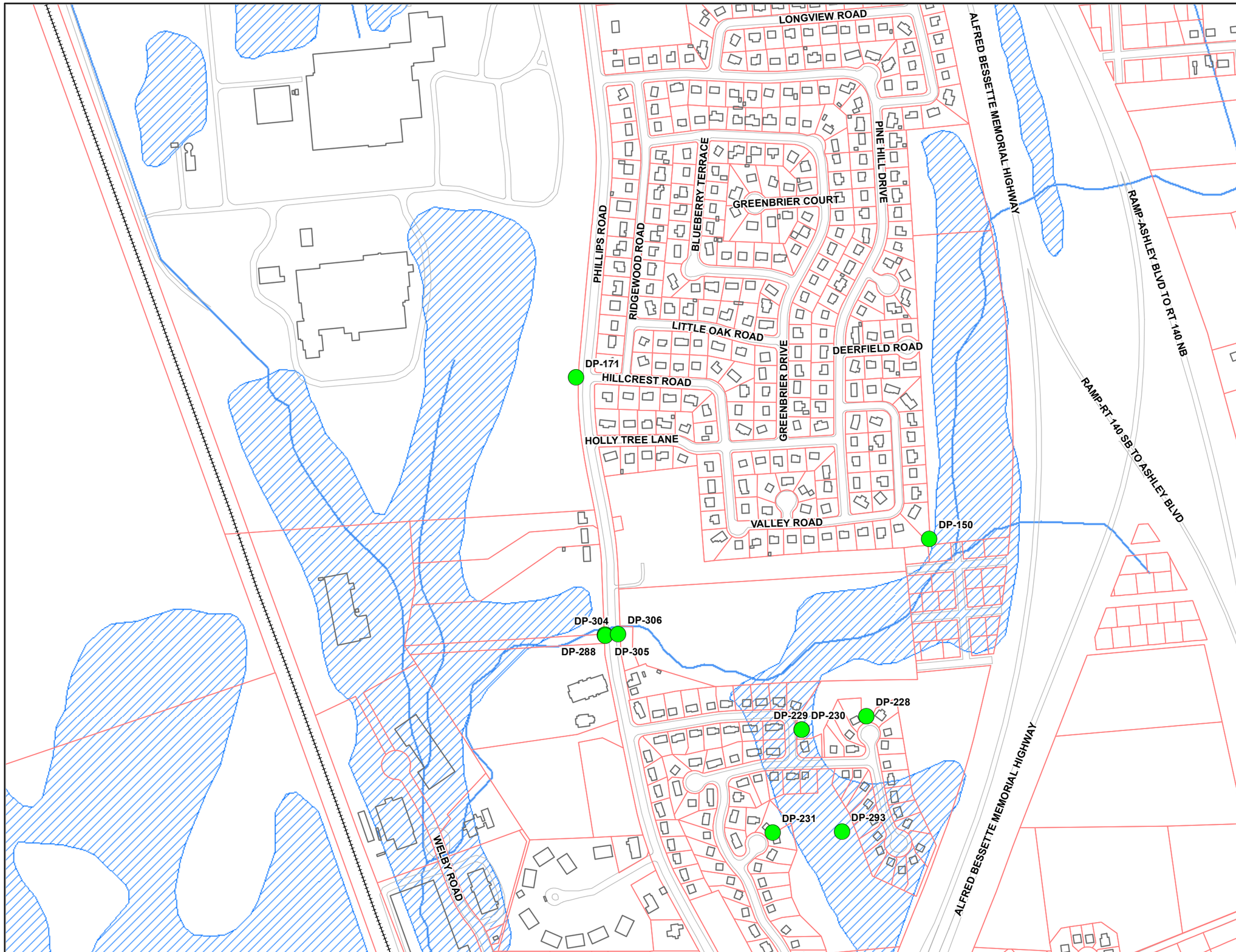

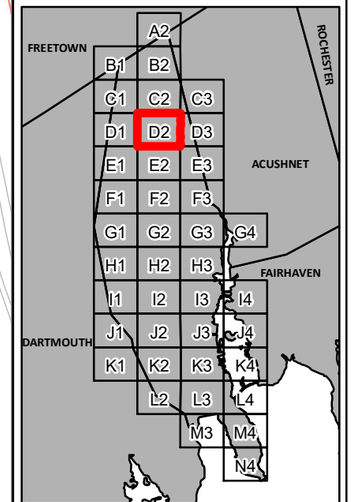

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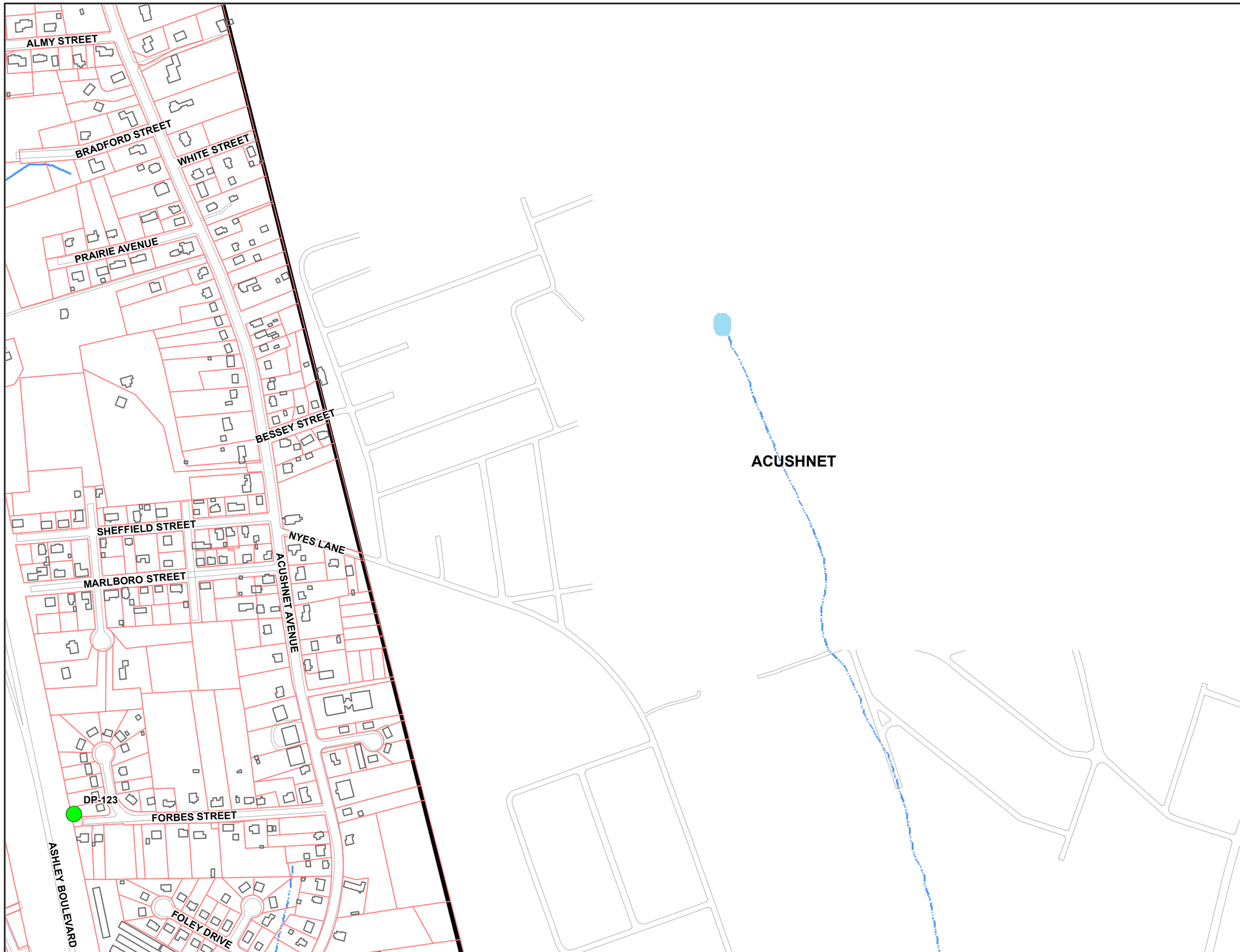

City of New Bedford

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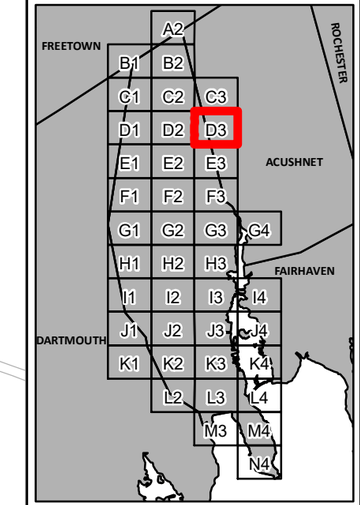

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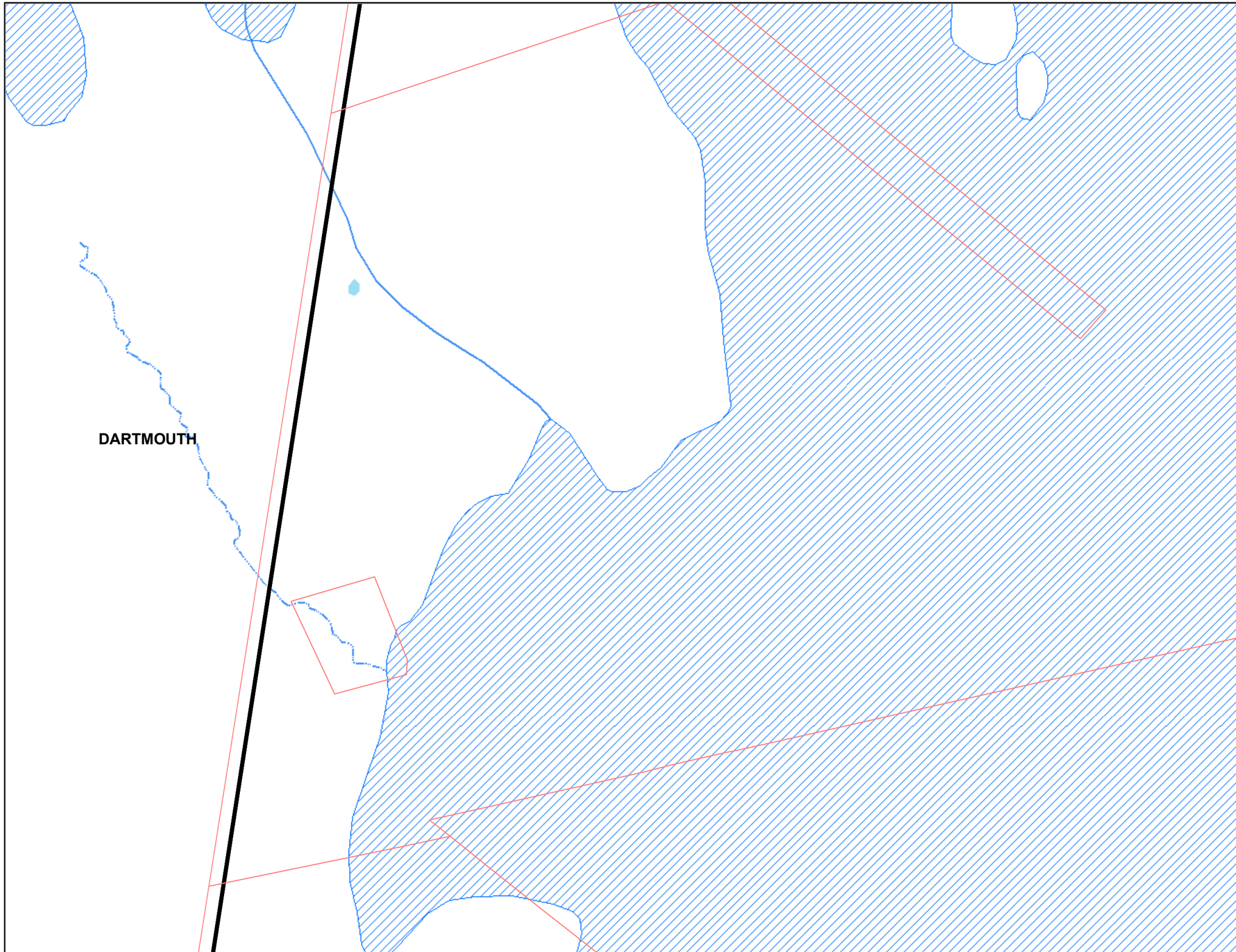

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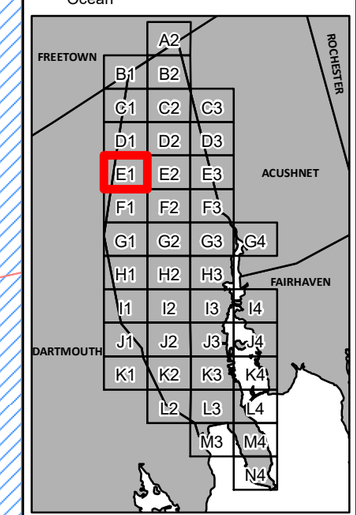

E1

City of New Bedford

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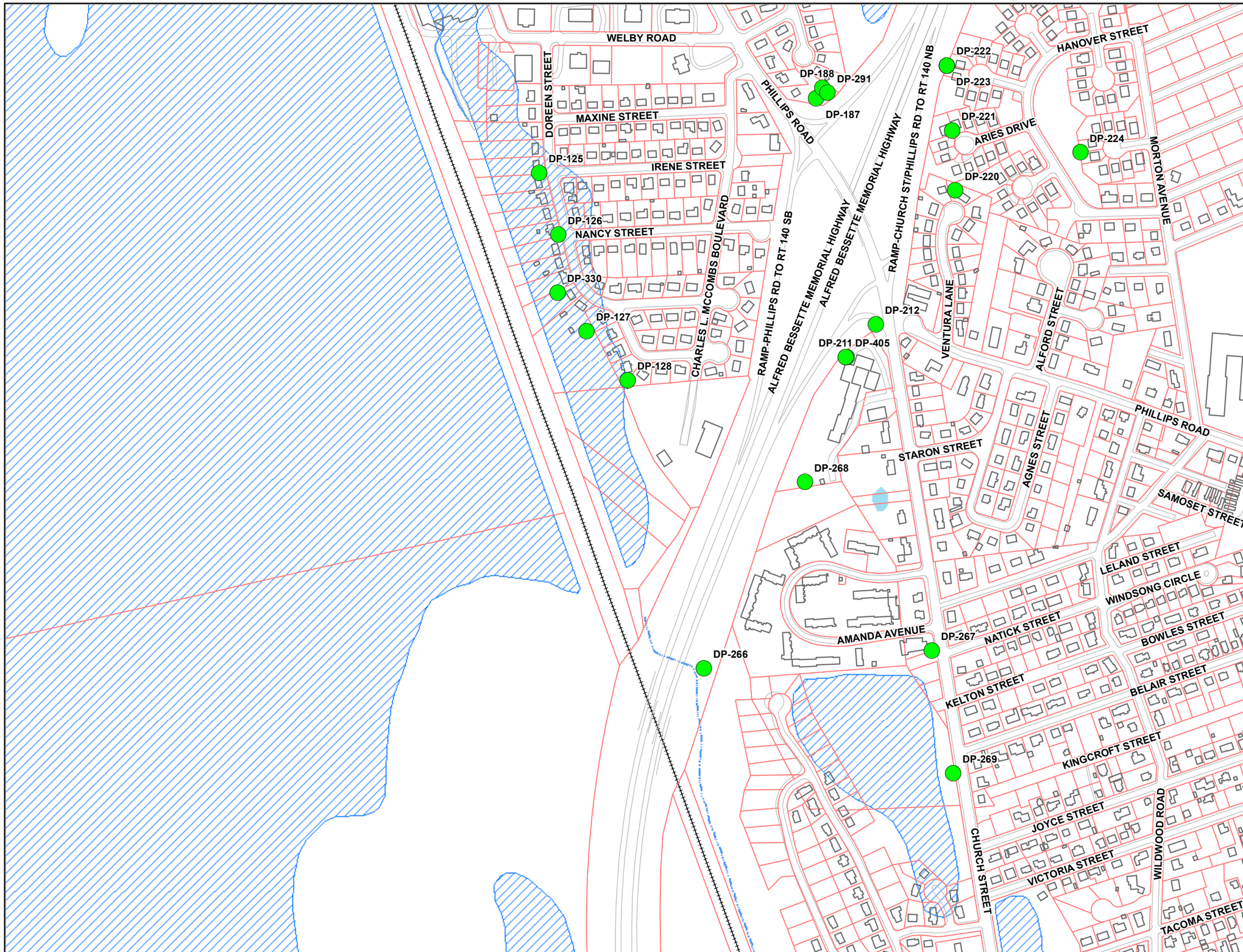

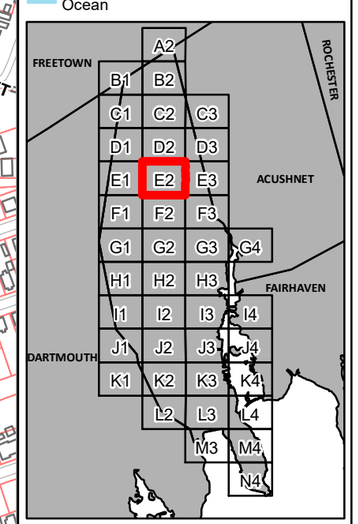

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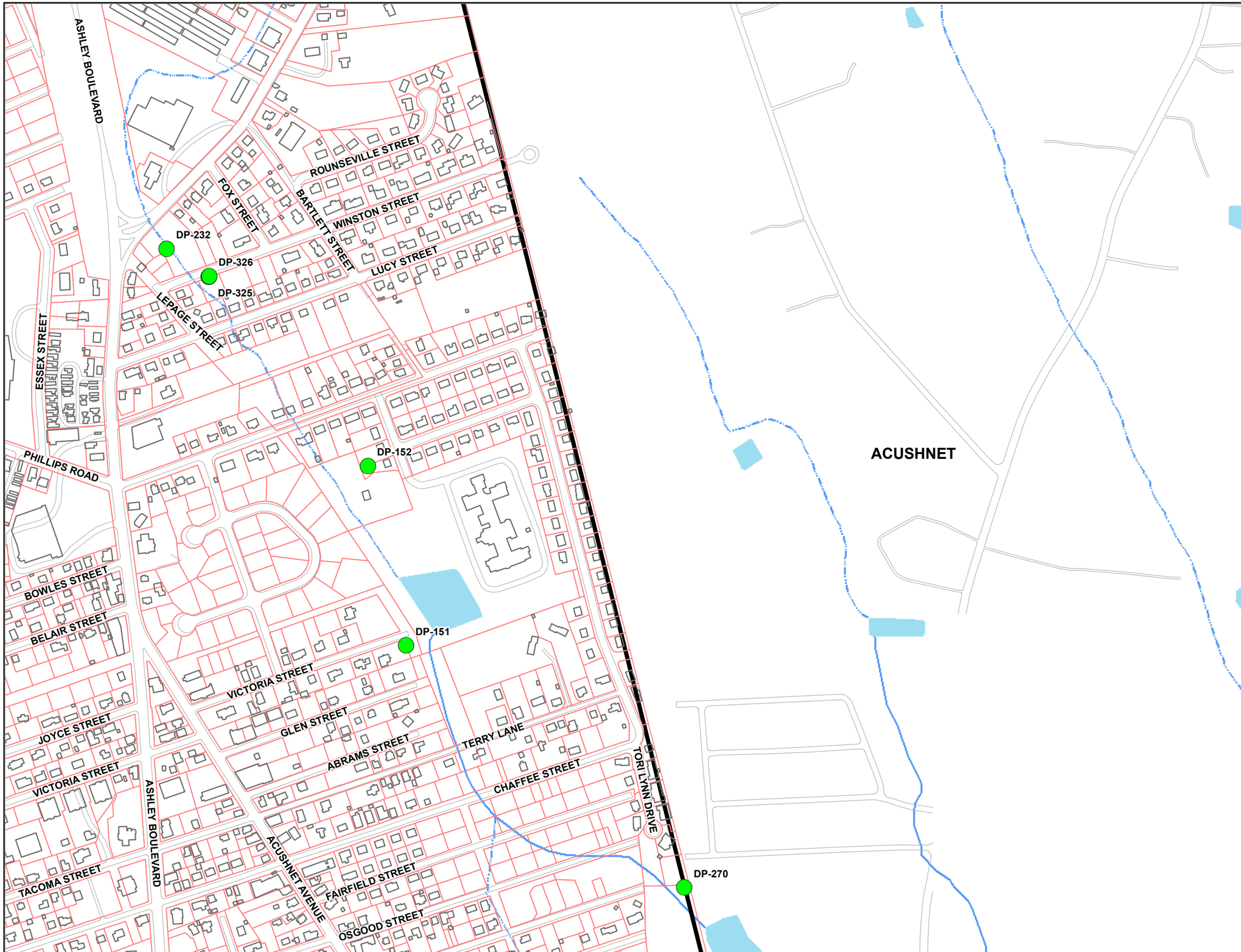

City of New Bedford

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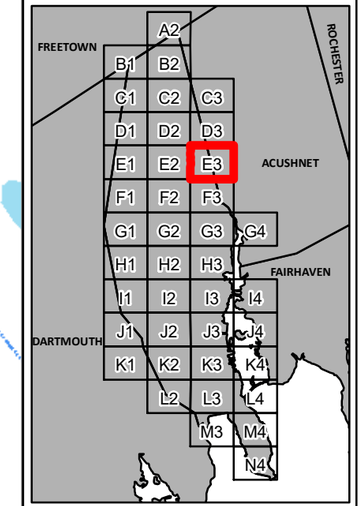

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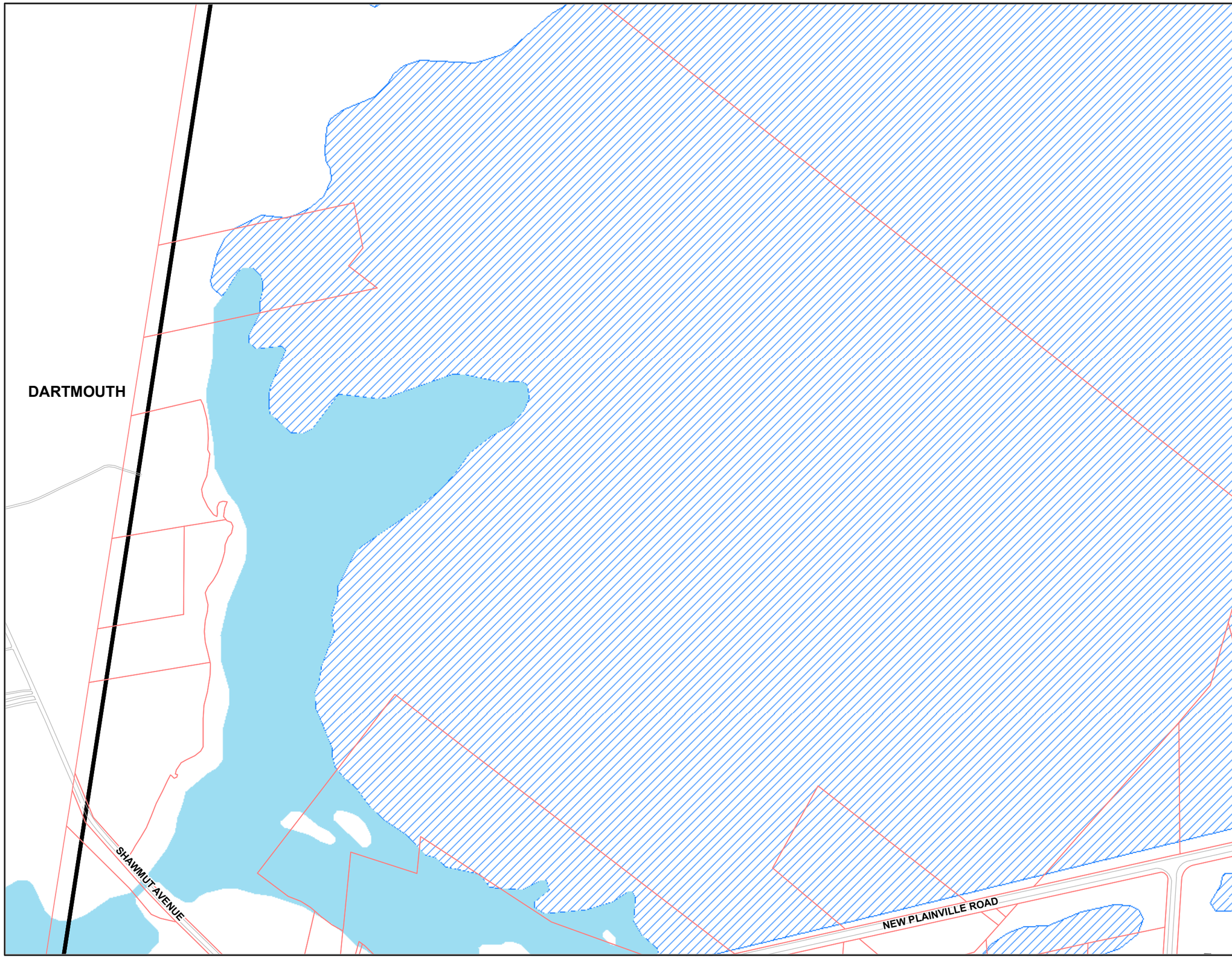

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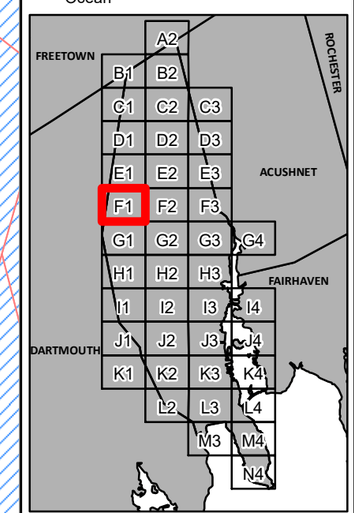

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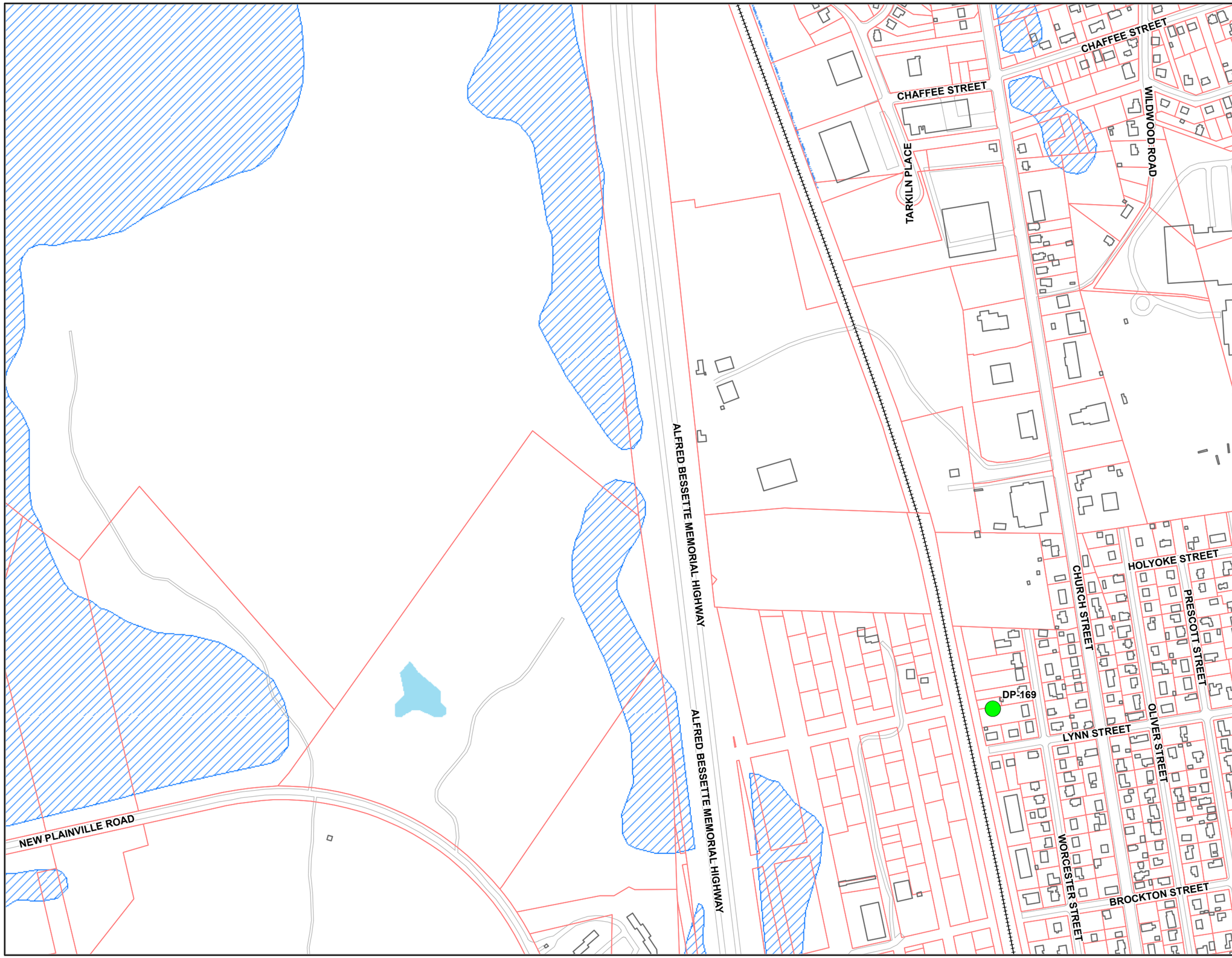

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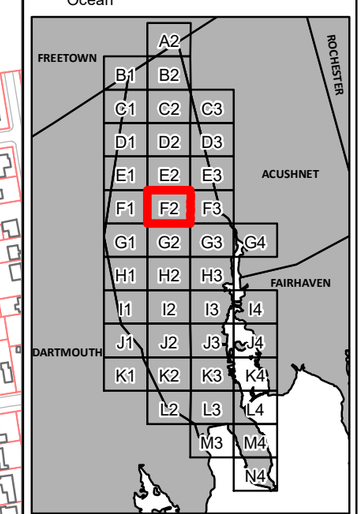

F2

City of New Bedford

Massachusetts

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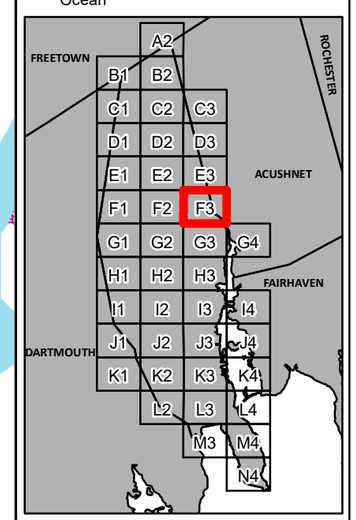
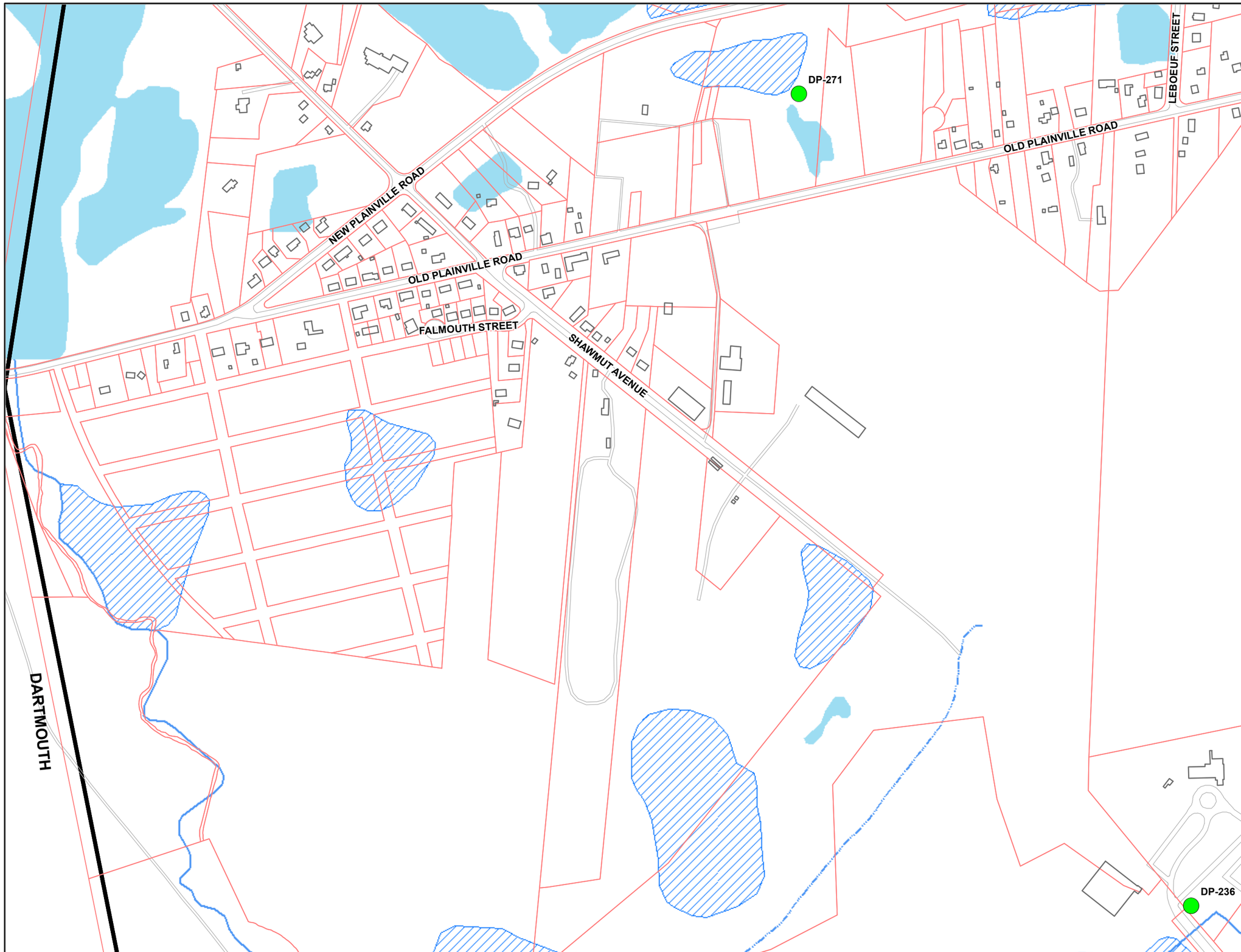


F3

DP-235
DP-154
DP-155
DP-129
DP-289

DUTTON STREET
DEWEY STREET
MAPLEWOOD STREET
MCGEE STREET
BRISTOL STREET
ELIOTT STREET
BARTLETT STREET
KENMORE STREET
ADELAIDE STREET
STRATFORD STREET
SURREY LANE
JOCELYN STREET
MORRIS STREET
MARION STREET
MONMOUTH STREET
ACUSHNET AVENUE
BECKET STREET
WESTLAND STREET
SHELBURNE STREET
ETHEL STREET
PONTIAC STREET
METCALF STREET
LUDLOW STREET
BALL STREET
LLOYD STREET
ASHLEY BOULEVARD
MENTON STREET
YORK STREET
FLORIDA STREET
OREGON STREET
RAYMOND STREET
ARMSBY STREET
CUMMINGTON STREET
APPLETON STREET
MARYLAND STREET
JARRY STREET
OHIO STREET
CHICOPEE STREET
ILLINOIS STREET
HAWES STREET
LAWRENCE STREET
LOWELL STREET
BROCKTON STREET
PINE GROVE STREET
CASWELL STREET
CONDUIT STREET
GRENIER STREET
BELLEVILLE AVENUE
MILL ROAD
ACUSHNET



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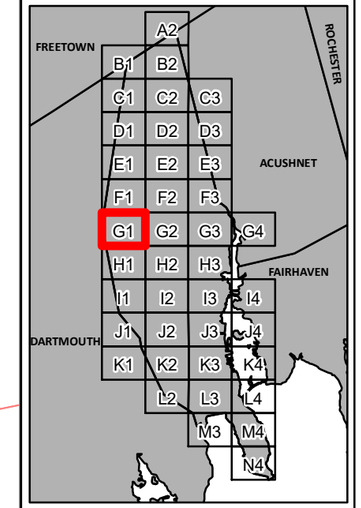

G1

City of New Bedford

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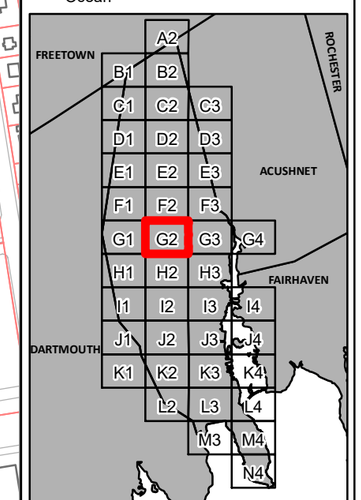

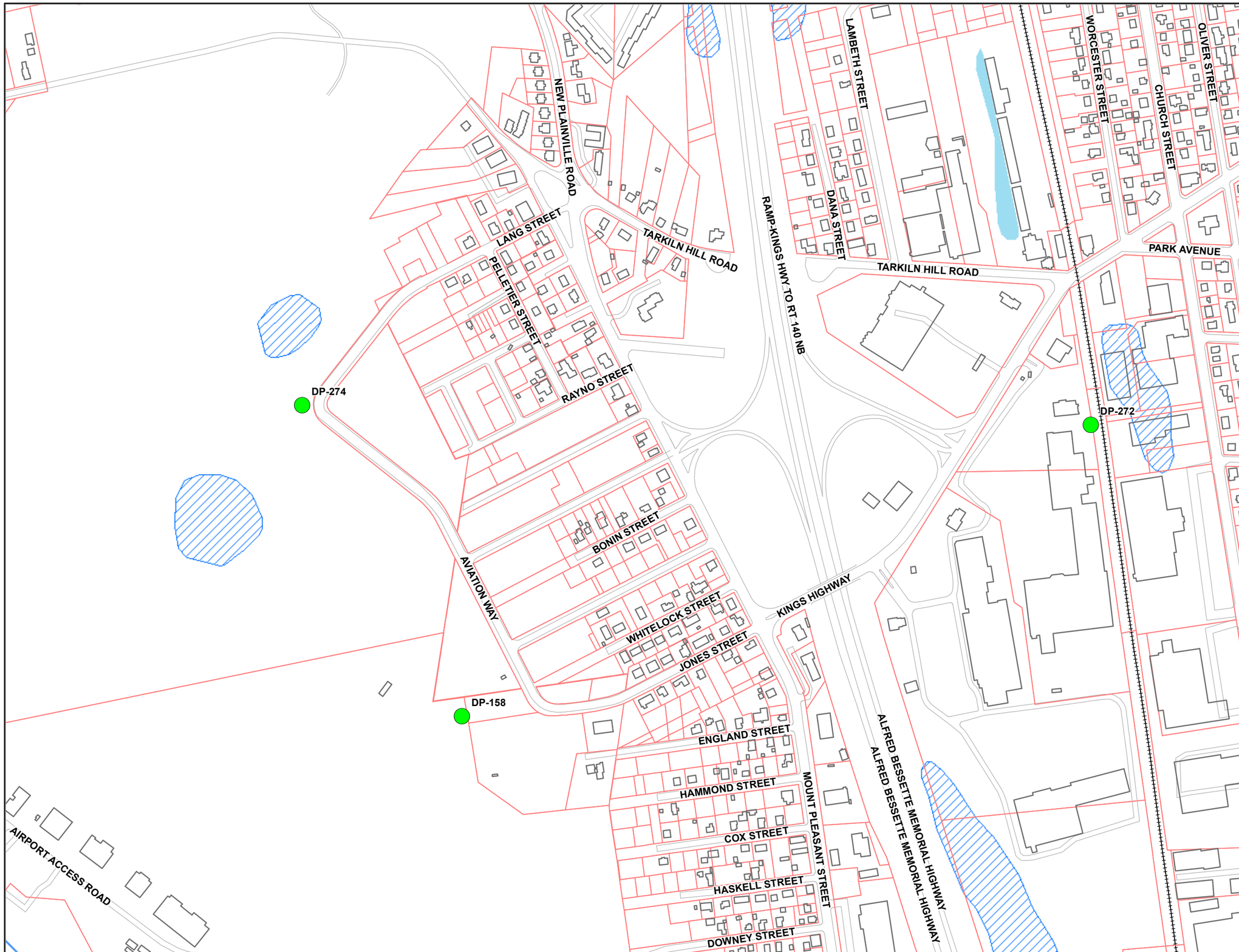

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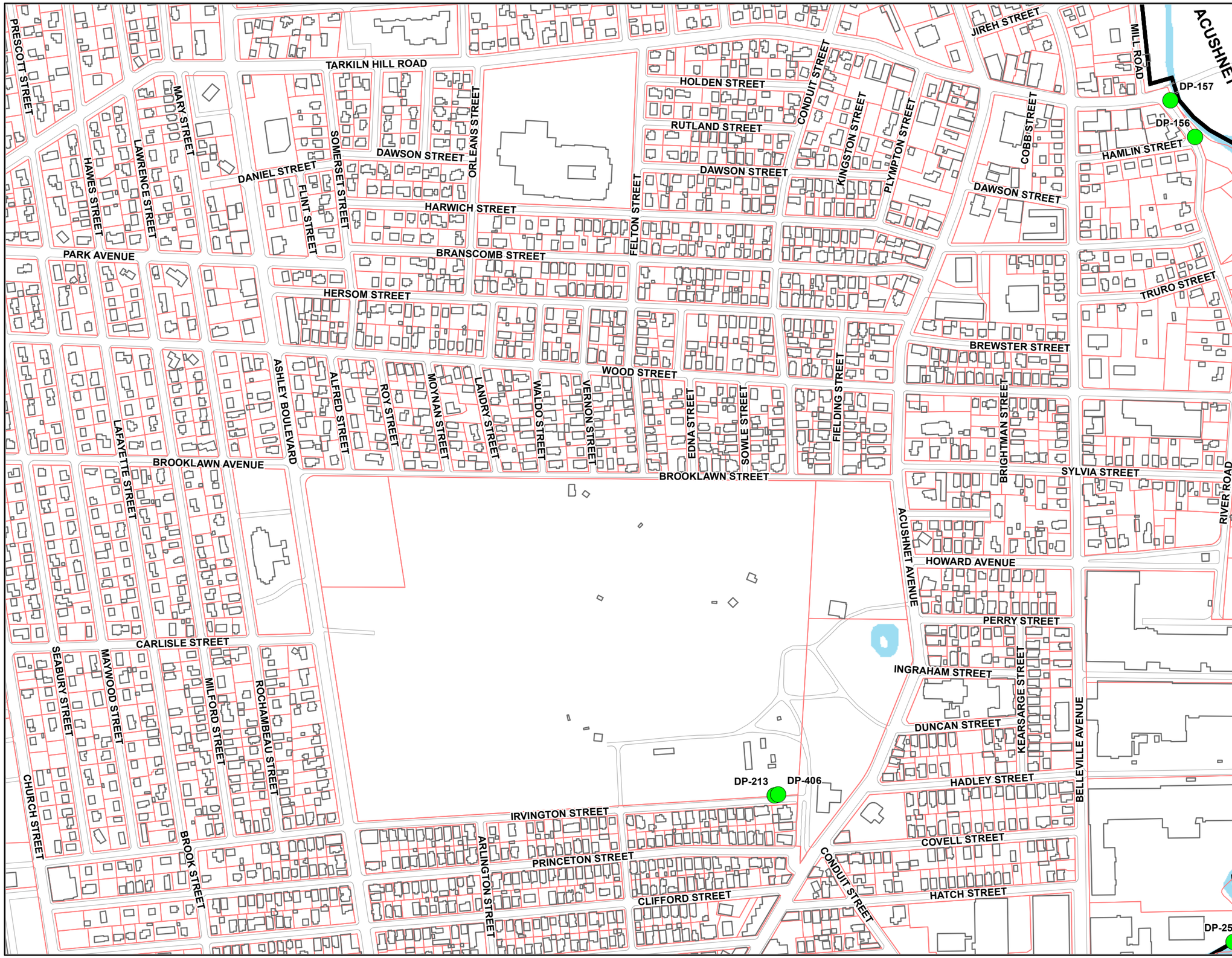

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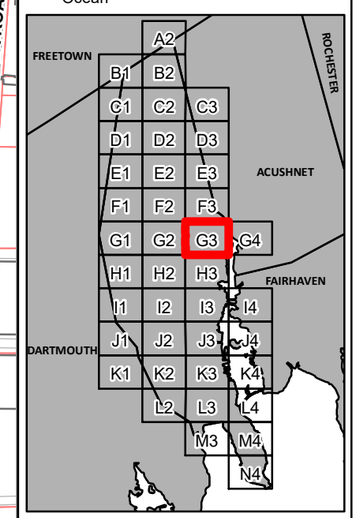

G3

City of New Bedford

Massachusetts

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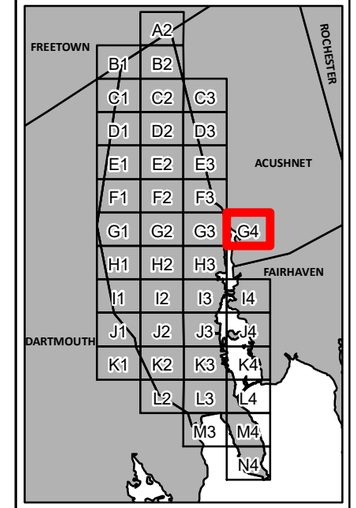

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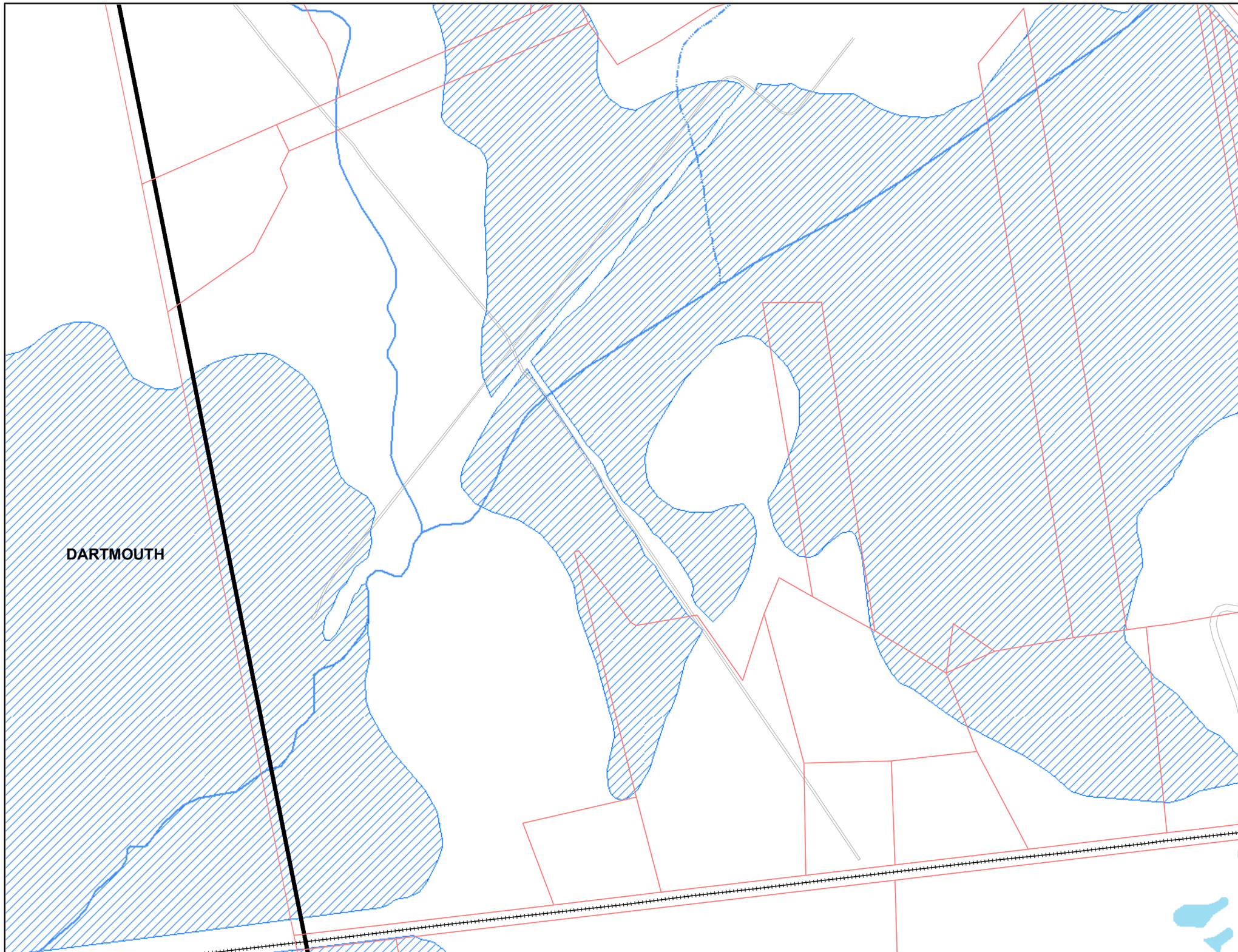

City of New Bedford

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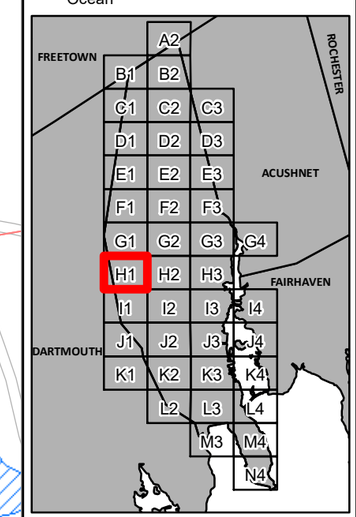

H1

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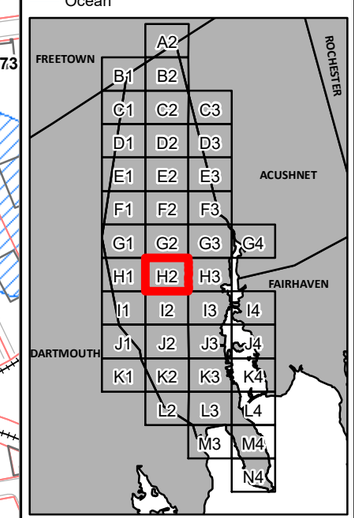

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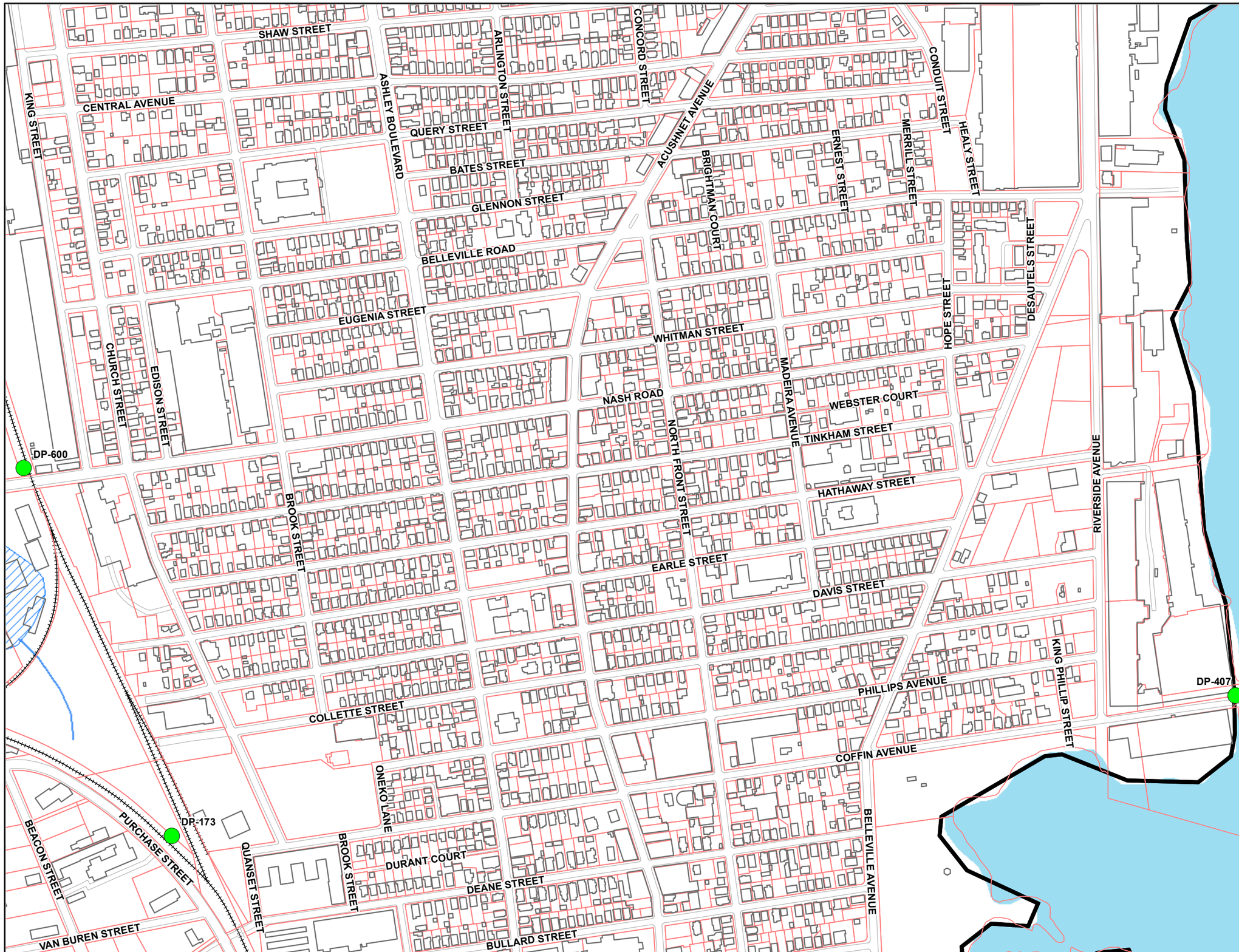

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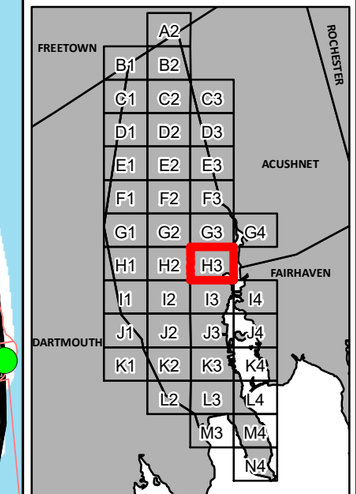

H3

City of New Bedford

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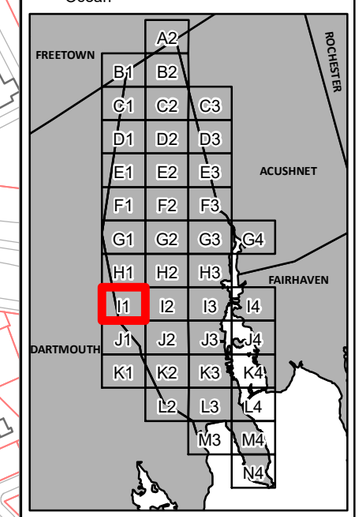

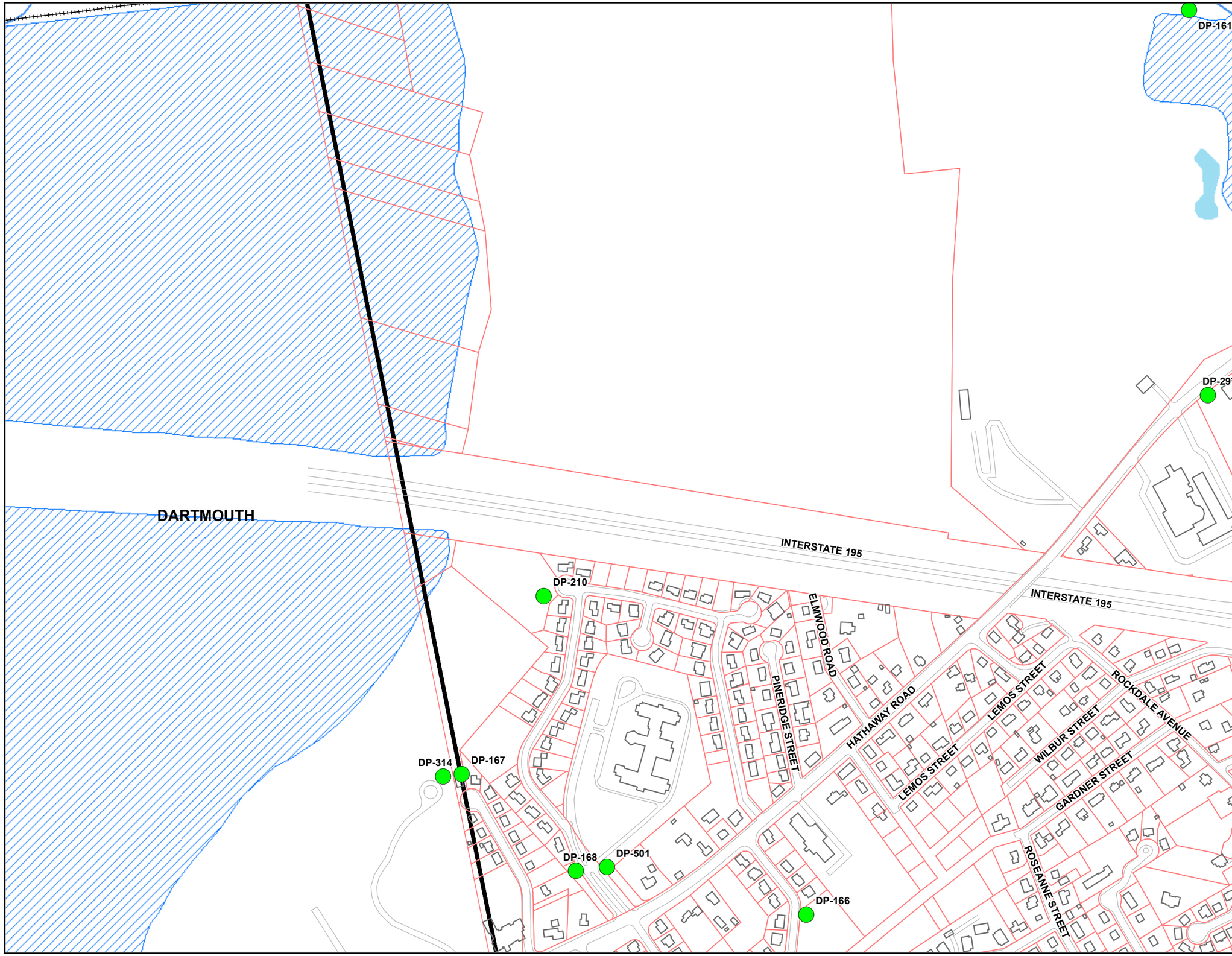

I1

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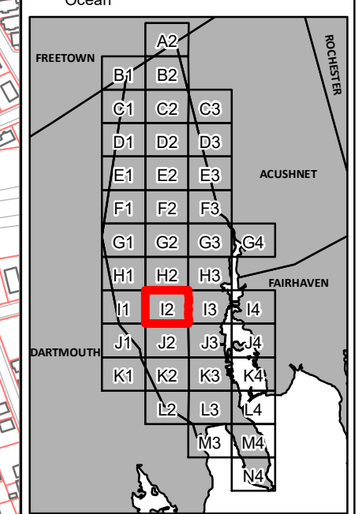
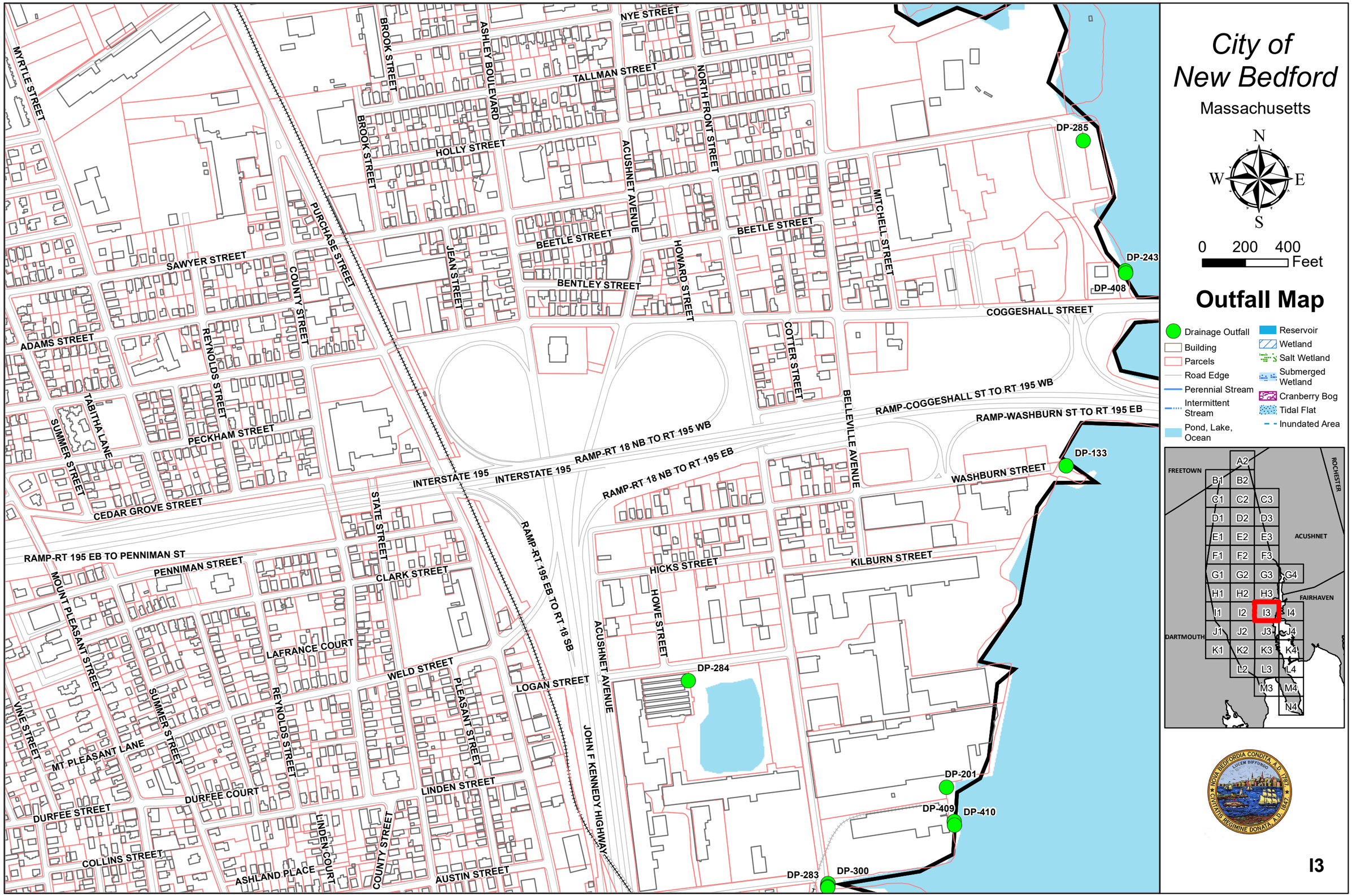


I2

DP-329
DP-328
DP-327
DP-277
DP-177
DP-178

HATHAWAY ROAD
RAMP-RT 195 WB TO RT 140 NB
ALFRED BESSETTE MEMORIAL HIGHWAY
RAMP-RT 140 SB TO RT 195 WB
INTERSTATE 195
RAMP-RT 195 EB TO RT 140 NB
RAMP-RT 140 NB TO RT 195 EB
RAMP-RT 195 EB TO RT 140 SB
SAWYER STREET
ROWE STREET
ROCKDALE AVENUE
JULIE PLACE
MASHPEE COURT
APACHE COURT
MOHAWK COURT
POTTER STREET
WHITLOW STREET
OAKLAND STREET
ACORN STREET
TURNER STREET
CAROLINE STREET
DEWOLF STREET
BULLOCK STREET
RICHMOND STREET
MOUNT VERNON STREET
ATHOL STREET
DURFEE STREET
CHIME STREET
CANTERBERRY STREET
KENNEY STREET
COGGESHALL STREET
TOPHAM STREET
TOWNSEND STREET
EASTON STREET
COLONIAL DRIVE
LOFTUS STREET
WILSON STREET
UPTON STREET
LANCASTER STREET
PITMAN STREET
SHIRLEY STREET
AYER STREET
SHAWMUT AVENUE
WALKER DRIVE
HARVARD STREET
YALE STREET
MALDEN STREET
WALKER STREET
MOUNT PLEASANT STREET
VAN BUREN STREET
FILLMORE STREET
SUMMER STREET
BUCHANAN STREET
GARFIELD STREET
HIGHLAND STREET
SUTTON STREET
ADAMS STREET


City of
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Outfall Map
Drainage Outfall
Building
Parcels
Road Edge
Perennial Stream
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ROCHESTER
ACUSHNET
FAIRHAVEN
DARTMOUTH
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C1 C2 C3
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H1 H2 H3
I1 I2 I3 I4
J1 J2 J3 J4
K1 K2 K3 K4
L2 L3 L4
M3 M4
N4
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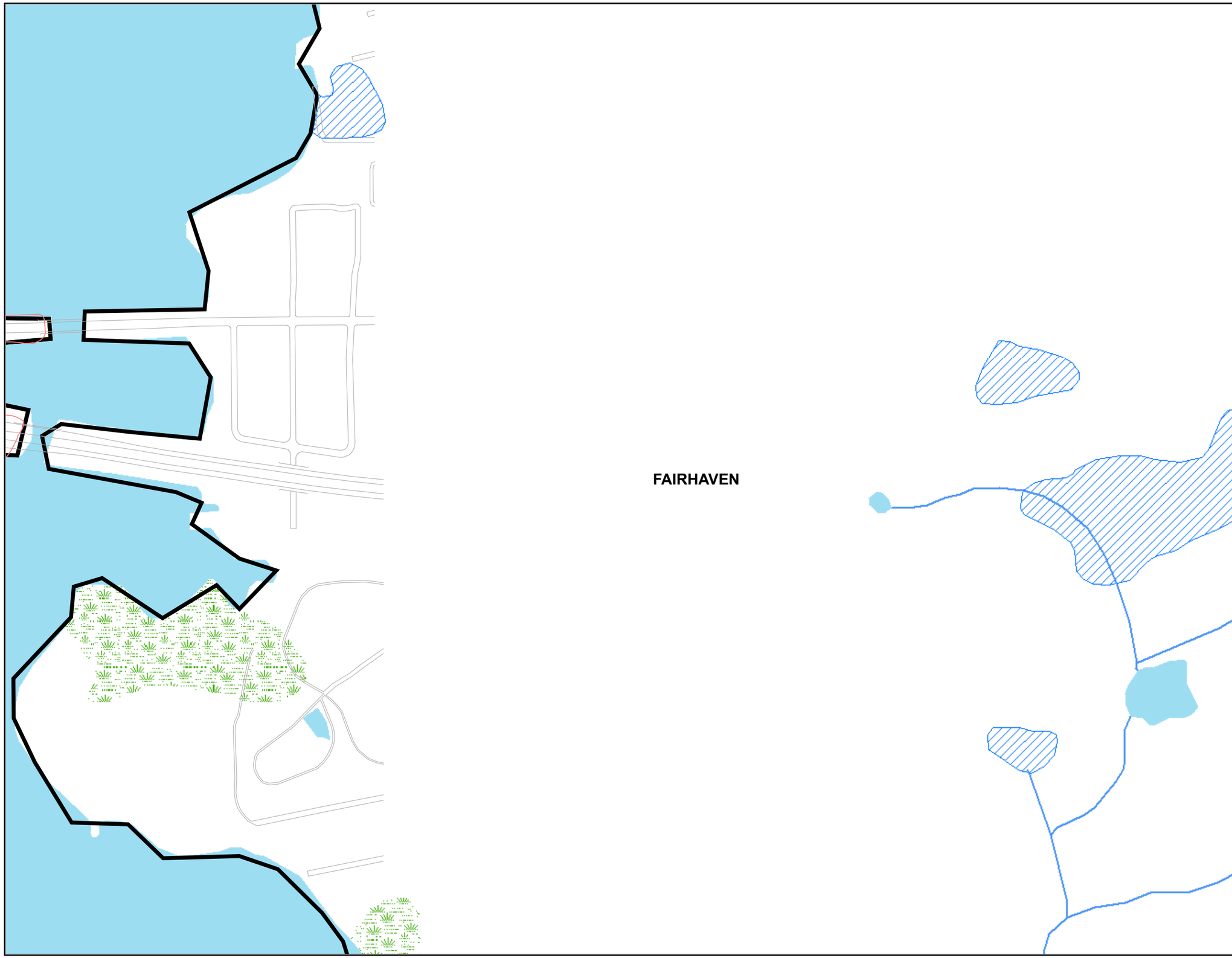
DP-285
DP-243
DP-408
DP-133
DP-284
DP-201
DP-409
DP-410
DP-283
DP-300
MYRTLE STREET
BROOK STREET
ASHLEY BOULEVARD
NYE STREET
TALLMAN STREET
NORTH FRONT STREET
HOLLY STREET
ACUSHNET AVENUE
PURCHASE STREET
SAWYER STREET
COUNTY STREET
JEAN STREET
BEETLE STREET
BENTLEY STREET
HOWARD STREET
MITCHELL STREET
COGGESHALL STREET
ADAMS STREET
REYNOLDS STREET
COTTER STREET
TABITHA LANE
SUMMER STREET
PECKHAM STREET
BELLEVILLE AVENUE
RAMP-COGGESHALL ST TO RT 195 WB
RAMP-WASHBURN ST TO RT 195 EB
RAMP-RT 18 NB TO RT 195 WB
RAMP-RT 18 NB TO RT 195 EB
INTERSTATE 195
WASHBURN STREET
CEDAR GROVE STREET
STATE STREET
RAMP-RT 195 EB TO PENNIMAN ST
PENNIMAN STREET
CLARK STREET
HICKS STREET
KILBURN STREET
MOUNT PLEASANT STREET
RAMP-RT 195 EB TO RT 18 SB
HOWE STREET
LAFRANCE COURT
WELD STREET
LOGAN STREET
PLEASANT STREET
VINE STREET
MT PLEASANT LANE
JOHN F KENNEDY HIGHWAY
DURFEE COURT
LINDEN STREET
DURFEE STREET
LINDEN COURT
COLLINS STREET
ASHLAND PLACE
AUSTIN STREET



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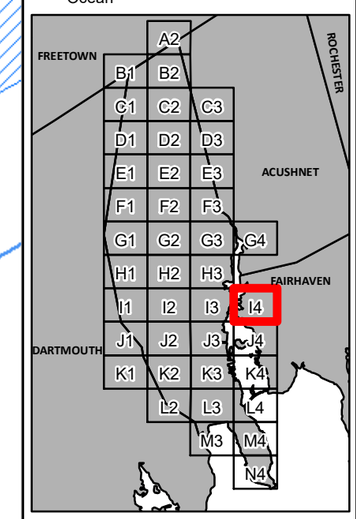

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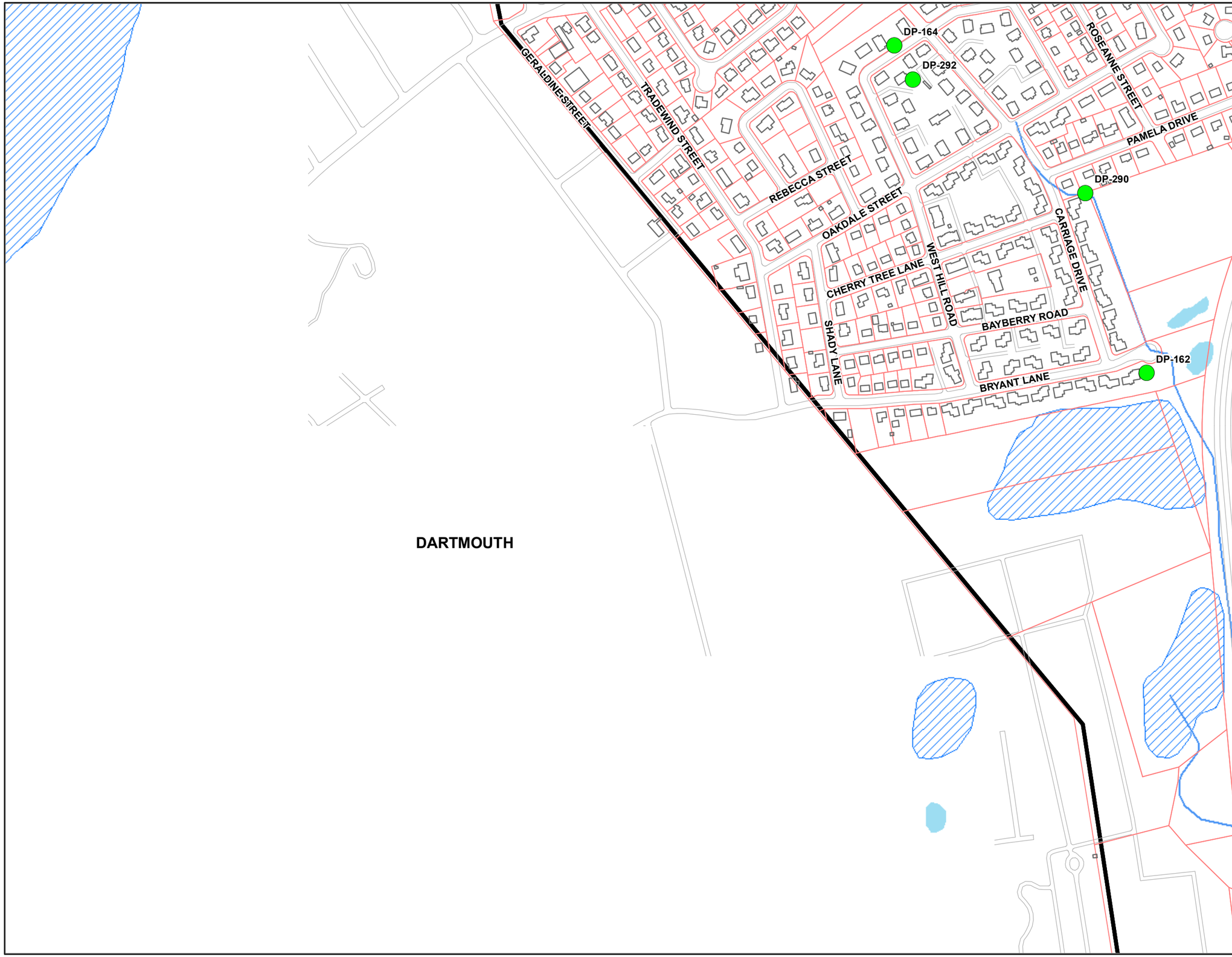

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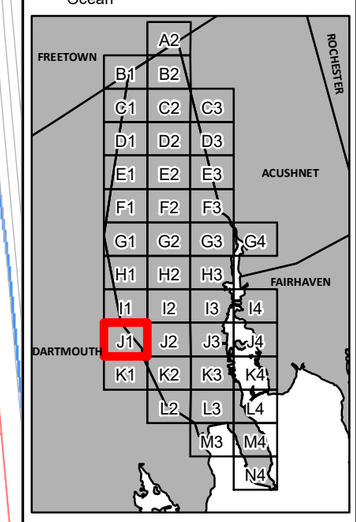

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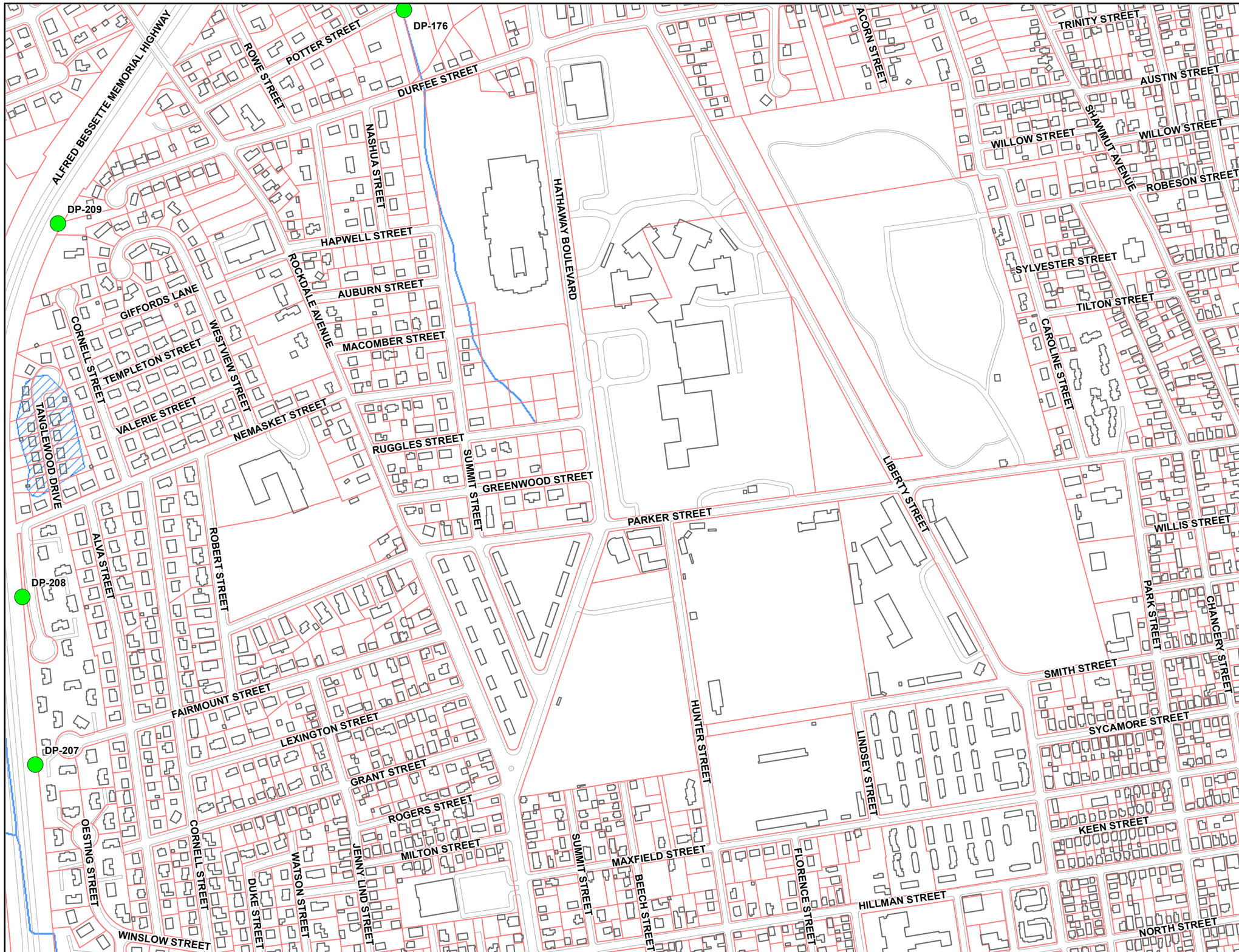

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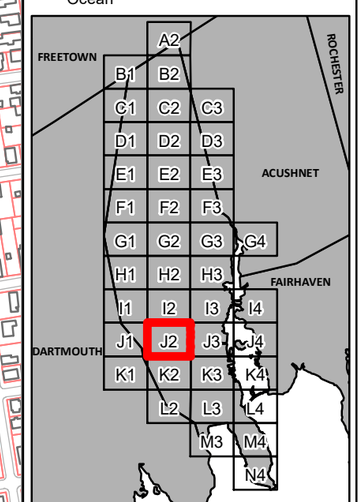

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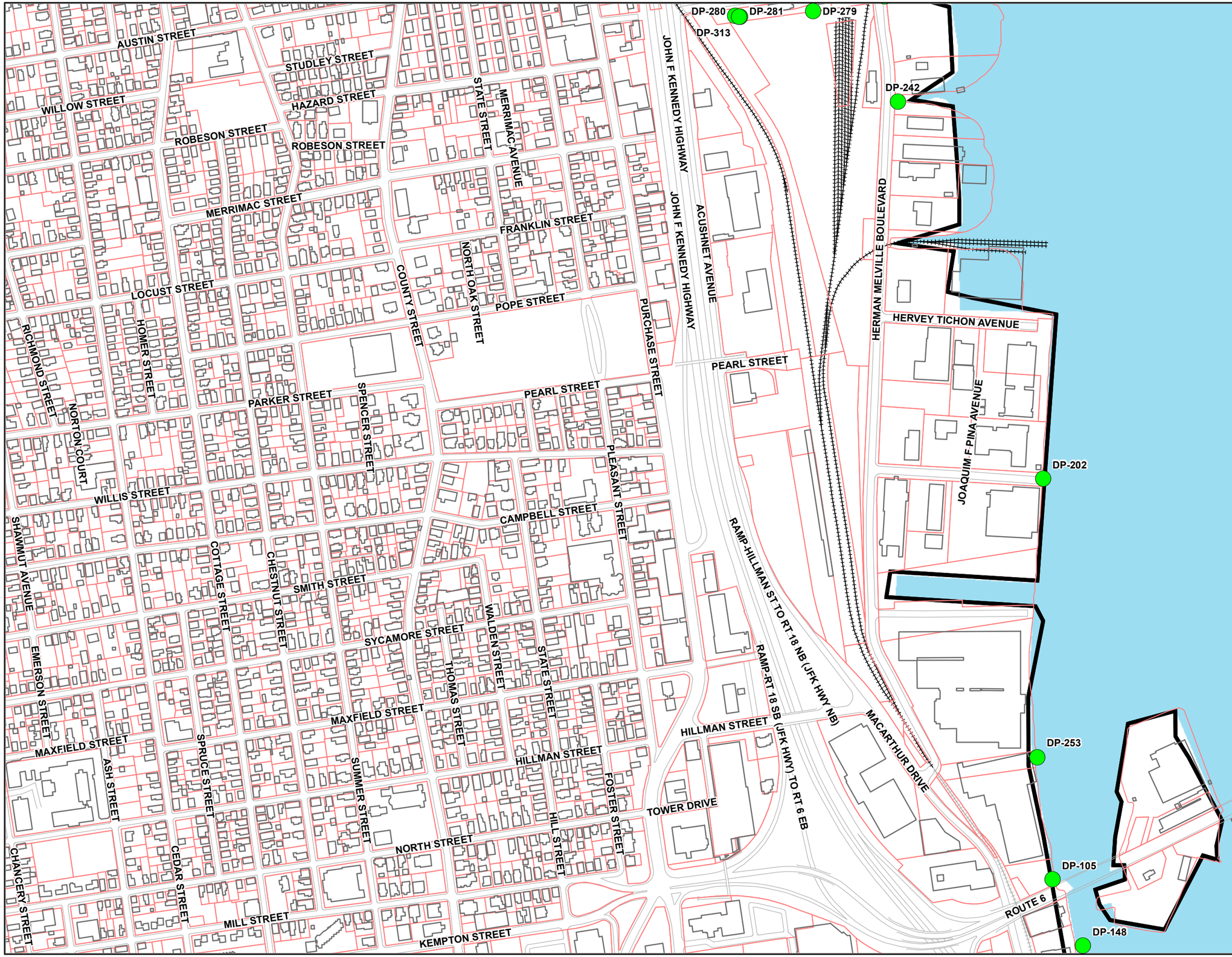

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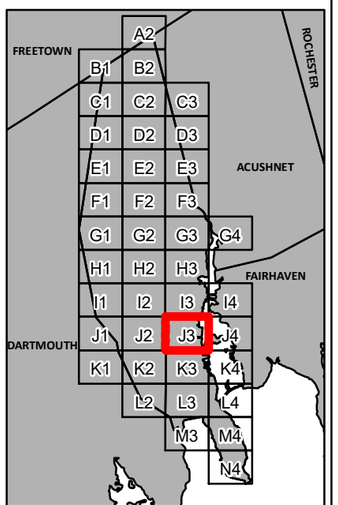

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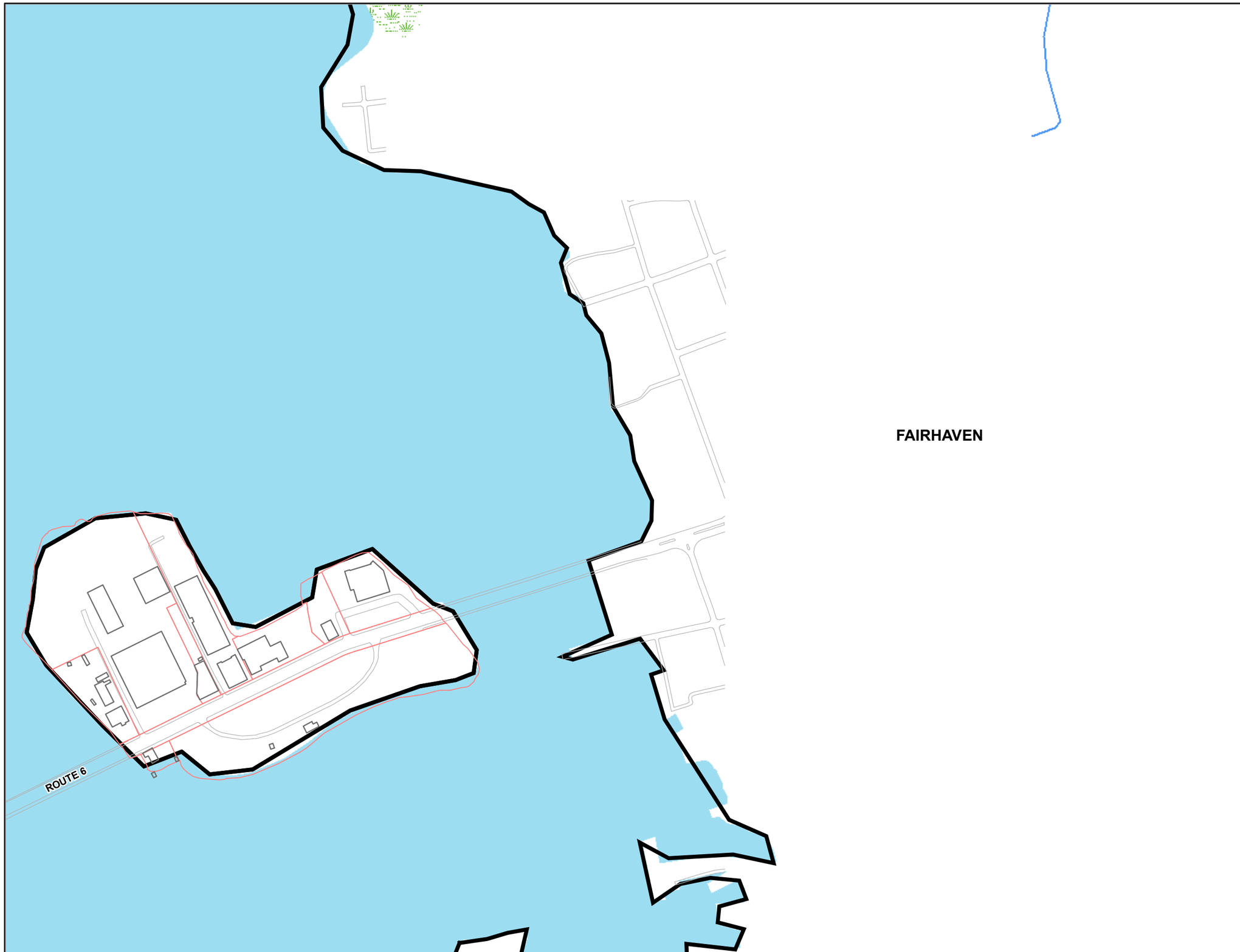

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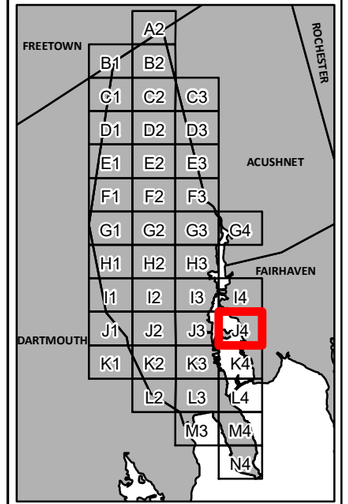

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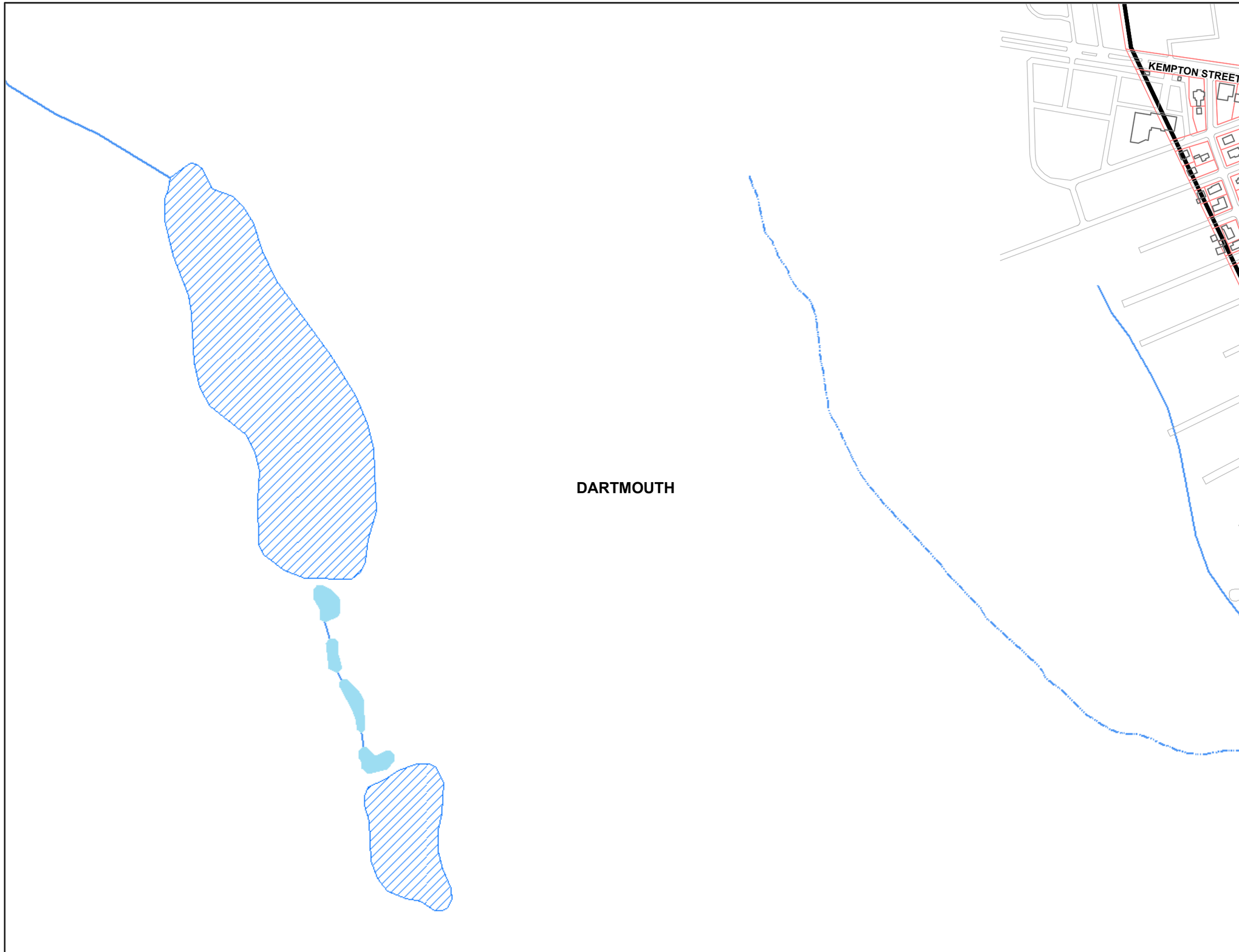

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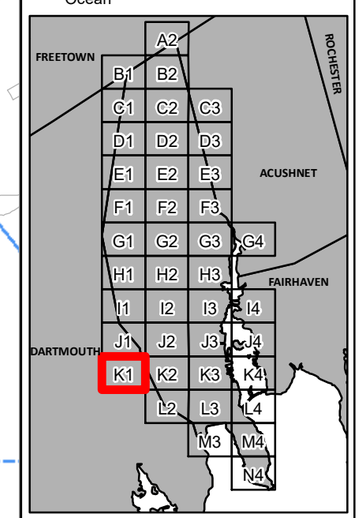

K1

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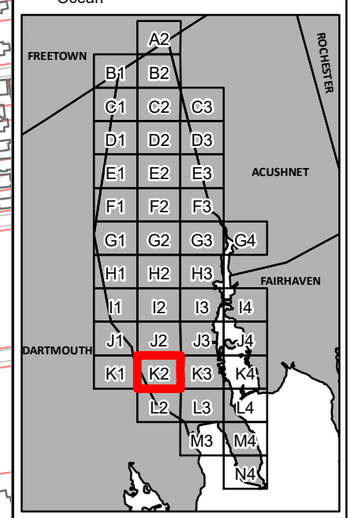

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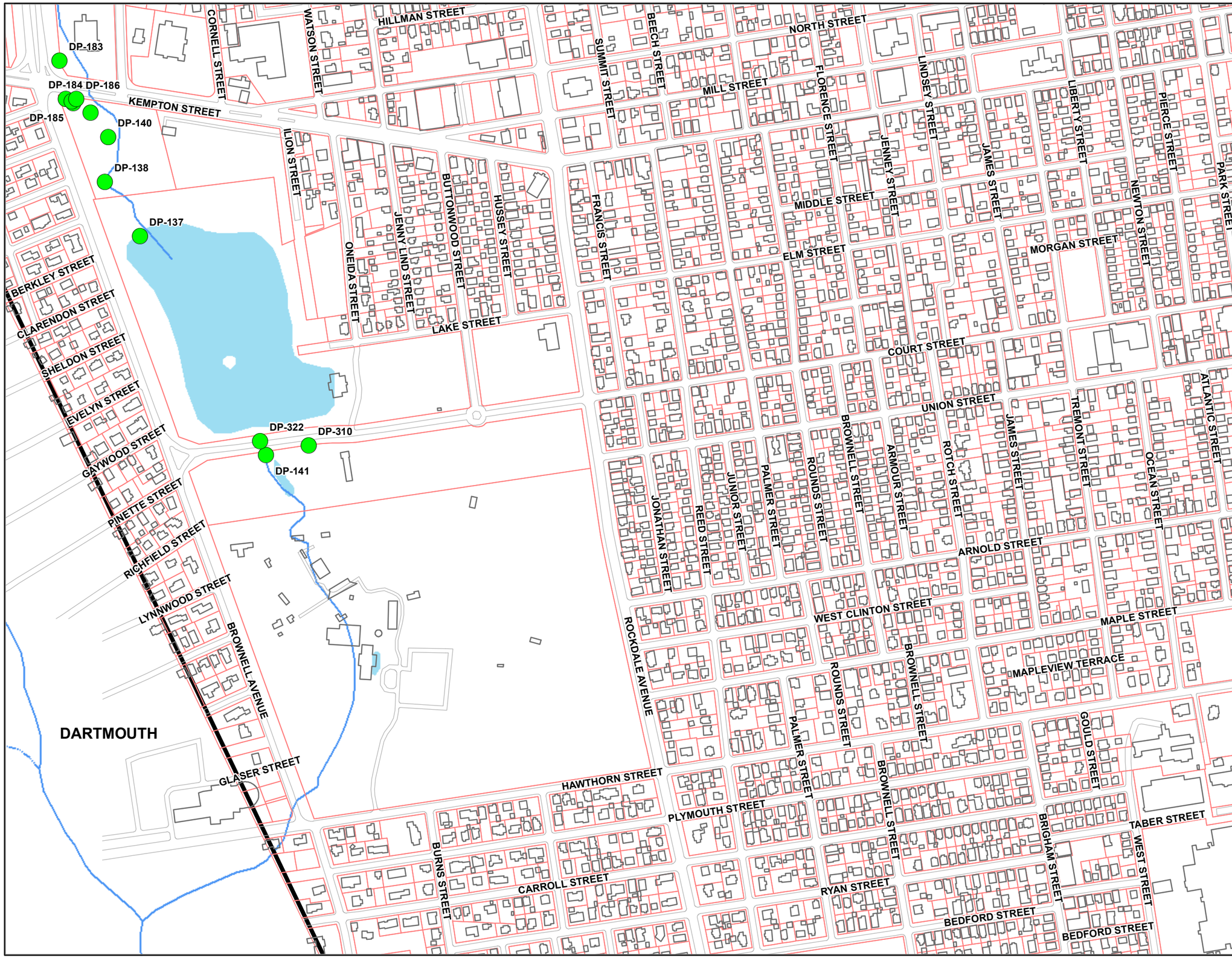

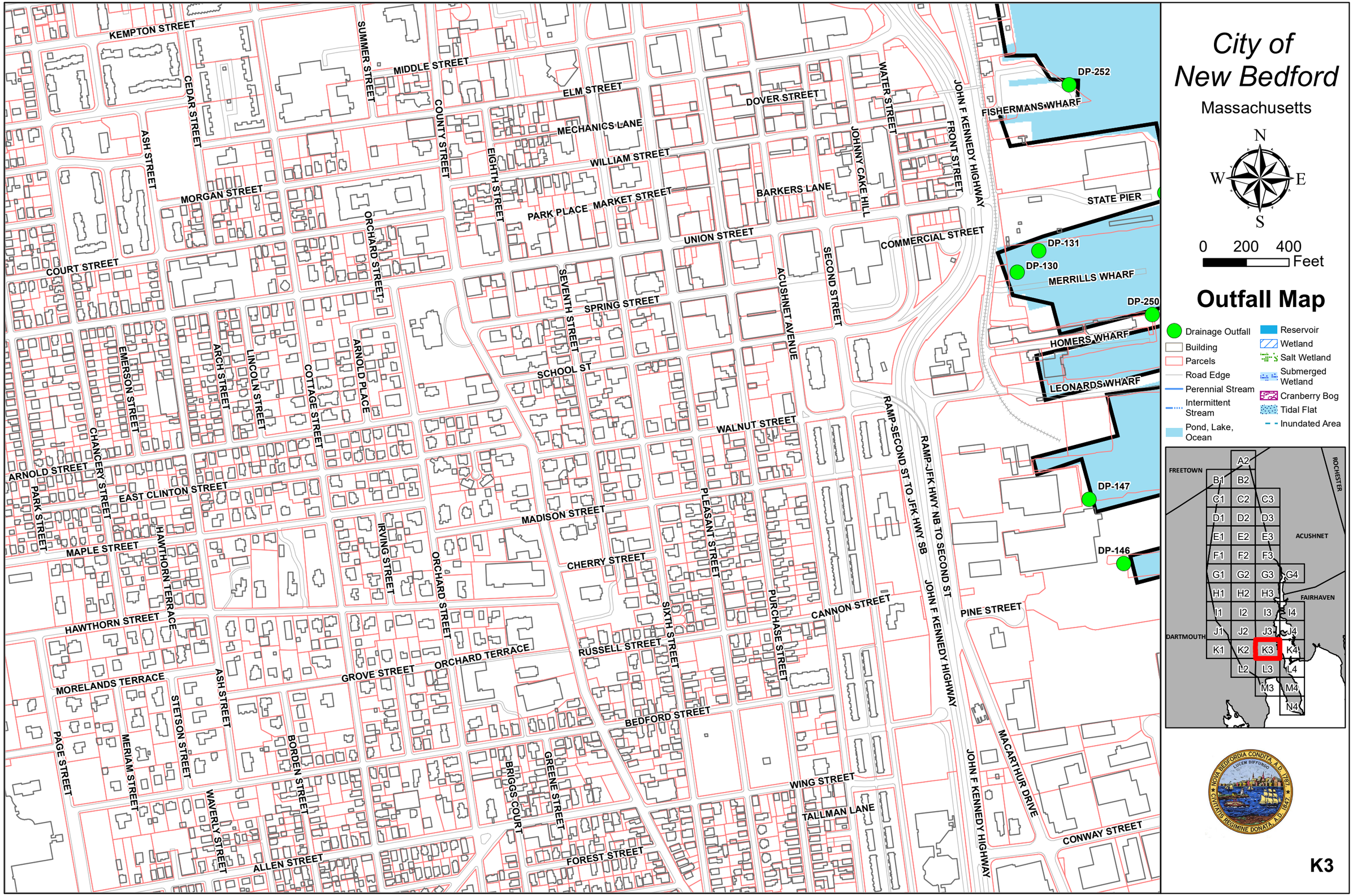
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FISHERMANS WHARF
STATE PIER
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DP-130
MERRILLS WHARF
DP-250
HOMERS WHARF
LEONARDS WHARF
DP-147
DP-146
PINE STREET
KEMPTON STREET
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CEDAR STREET
ASH STREET
COUNTY STREET
ELM STREET
DOVER STREET
WATER STREET
JOHN F KENNEDY HIGHWAY
FRONT STREET
MECHANICS LANE
EIGHTH STREET
WILLIAM STREET
JOHNNY CAKE HILL
MORGAN STREET
PARK PLACE
MARKET STREET
BARKERS LANE
ORCHARD STREET
UNION STREET
COMMERCIAL STREET
COURT STREET
SECOND STREET
ACUSHNET AVENUE
SEVENTH STREET
SPRING STREET
EMERSON STREET
ARCH STREET
LINCOLN STREET
COTTAGE STREET
ARNOLD PLACE
SCHOOL ST
RAMP-SECOND ST TO JFK HWY SB
RAMP-JFK HWY NB TO SECOND ST
WALNUT STREET
CHANCERY STREET
ARNOLD STREET
PARK STREET
EAST CLINTON STREET
HAWTHORN TERRACE
MADISON STREET
PLEASANT STREET
IRVING STREET
MAPLE STREET
CHERRY STREET
SIXTH STREET
PURCHASE STREET
CANNON STREET
HAWTHORN STREET
RUSSELL STREET
ORCHARD TERRACE
GROVE STREET
MORELANDS TERRACE
ASH STREET
STETSON STREET
BEDFORD STREET
PAGE STREET
MERIAM STREET
BORDEN STREET
BRIGGS COURT
GREENE STREET
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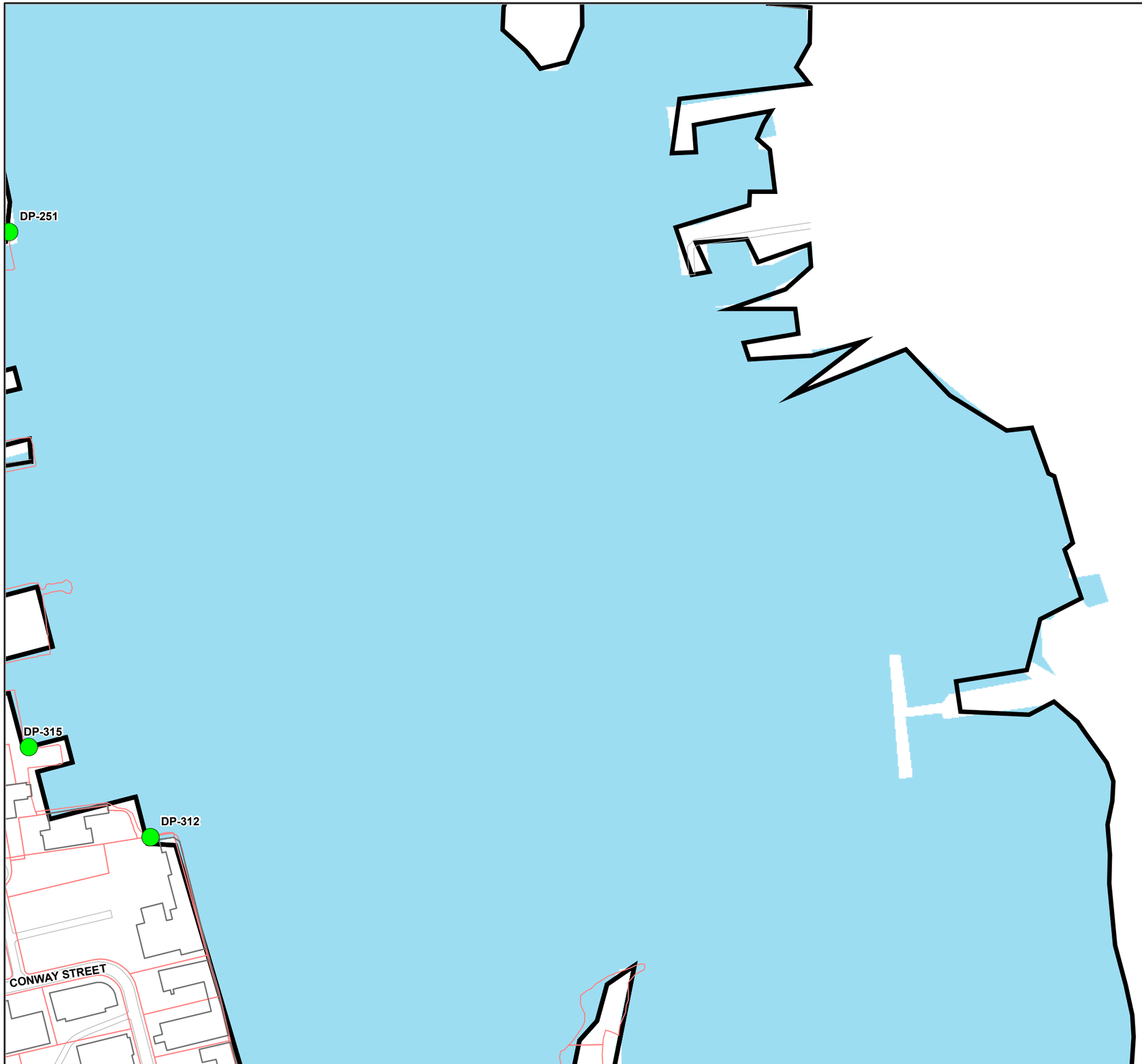
TALLMAN LANE
MACARTHUR DRIVE
ALLEN STREET
FOREST STREET
CONWAY STREET
K3



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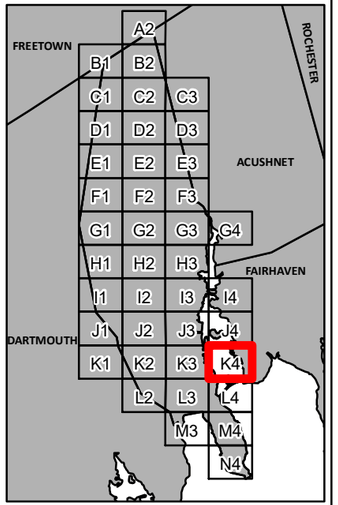

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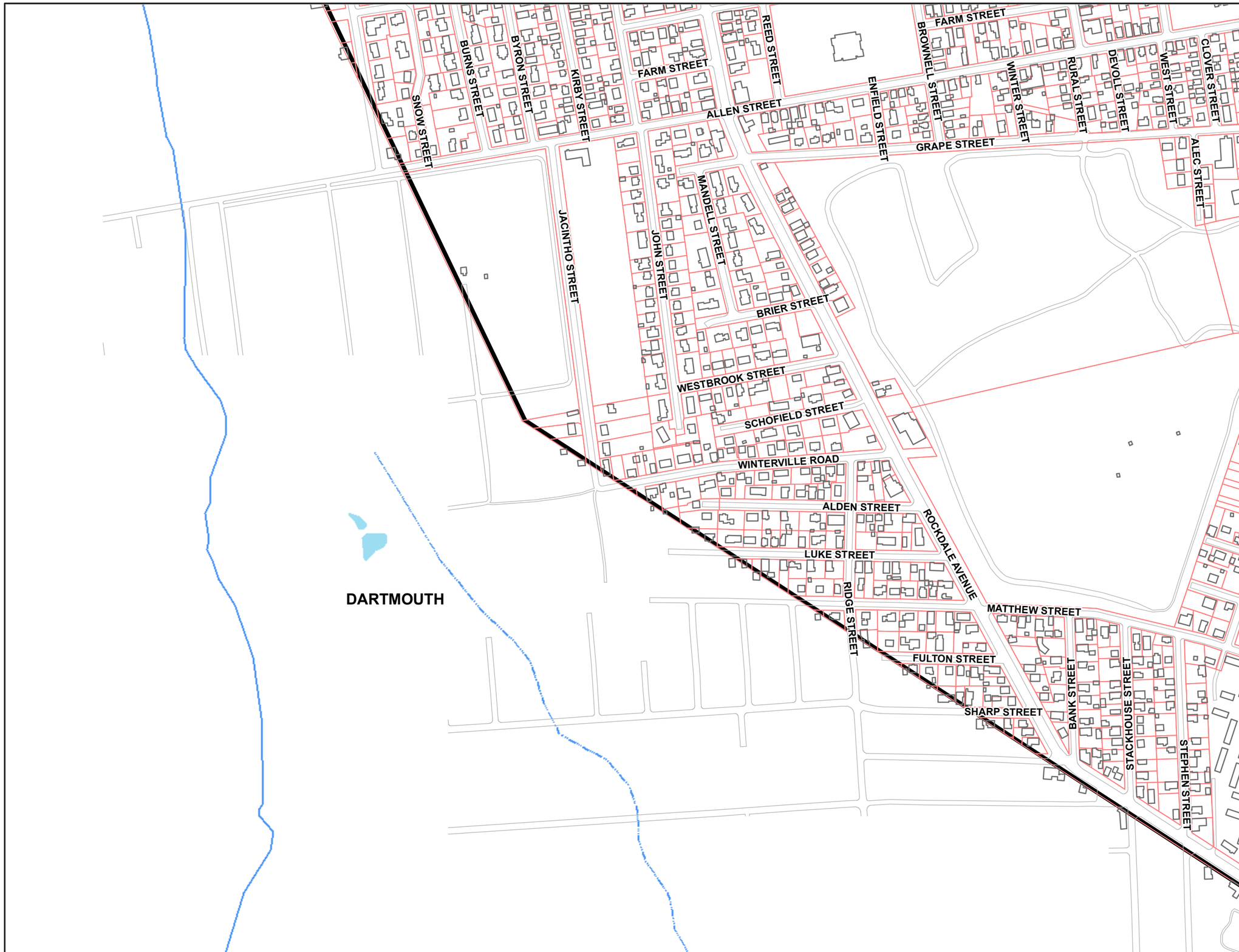

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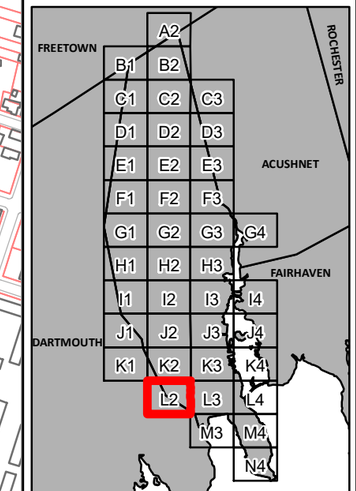

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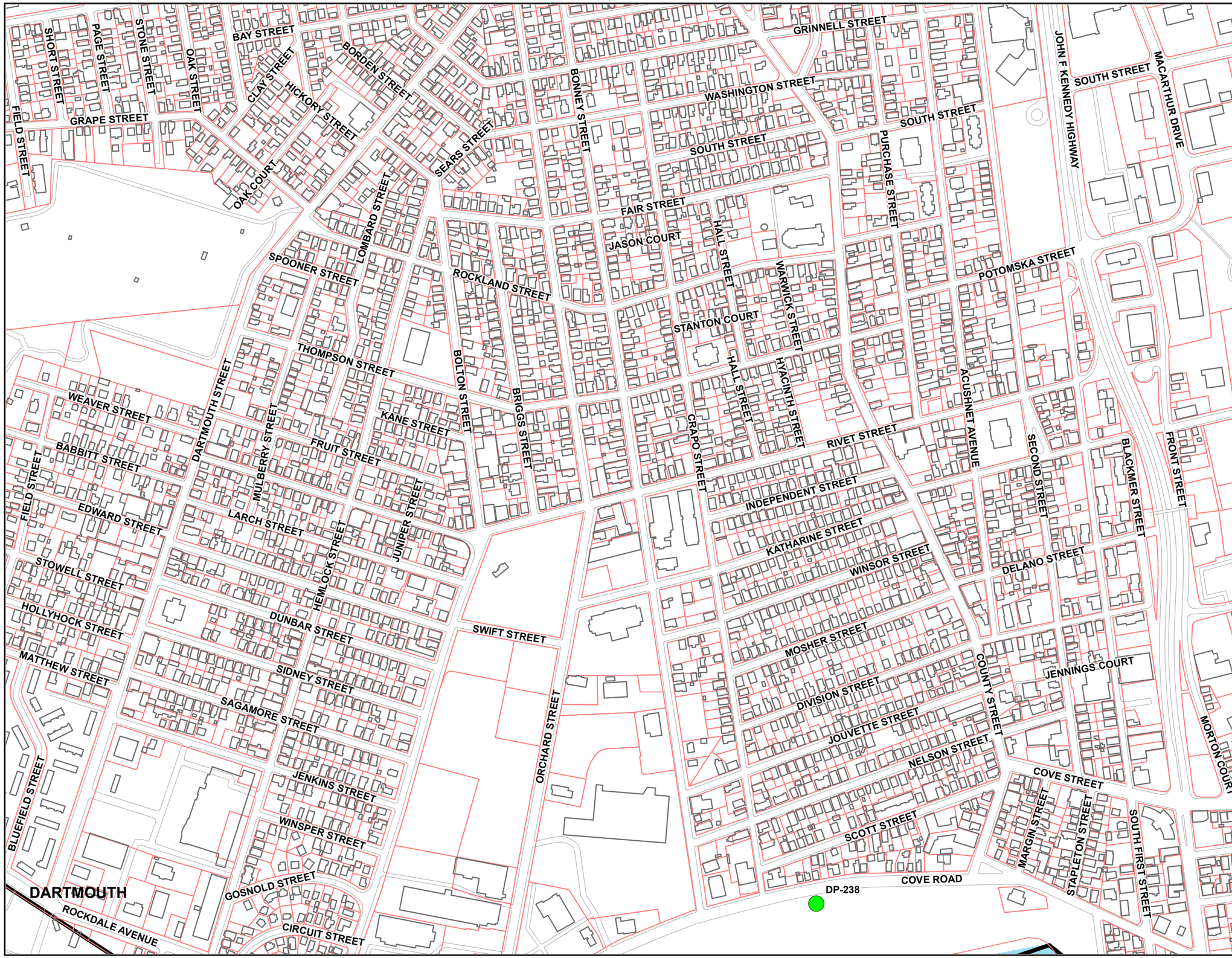

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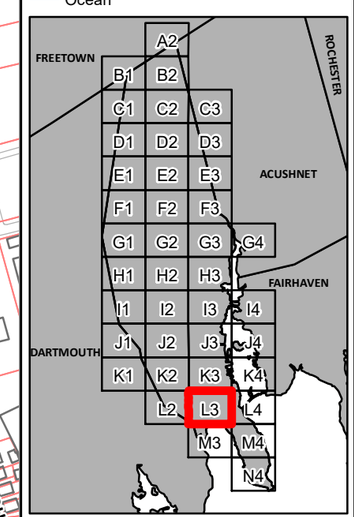

L3

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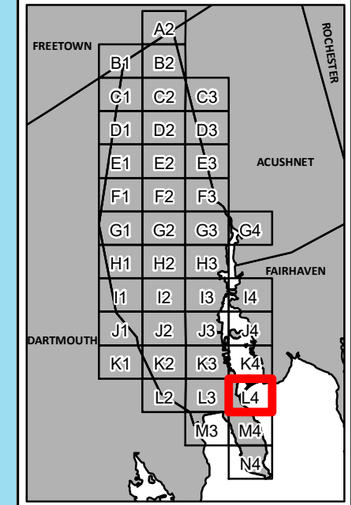

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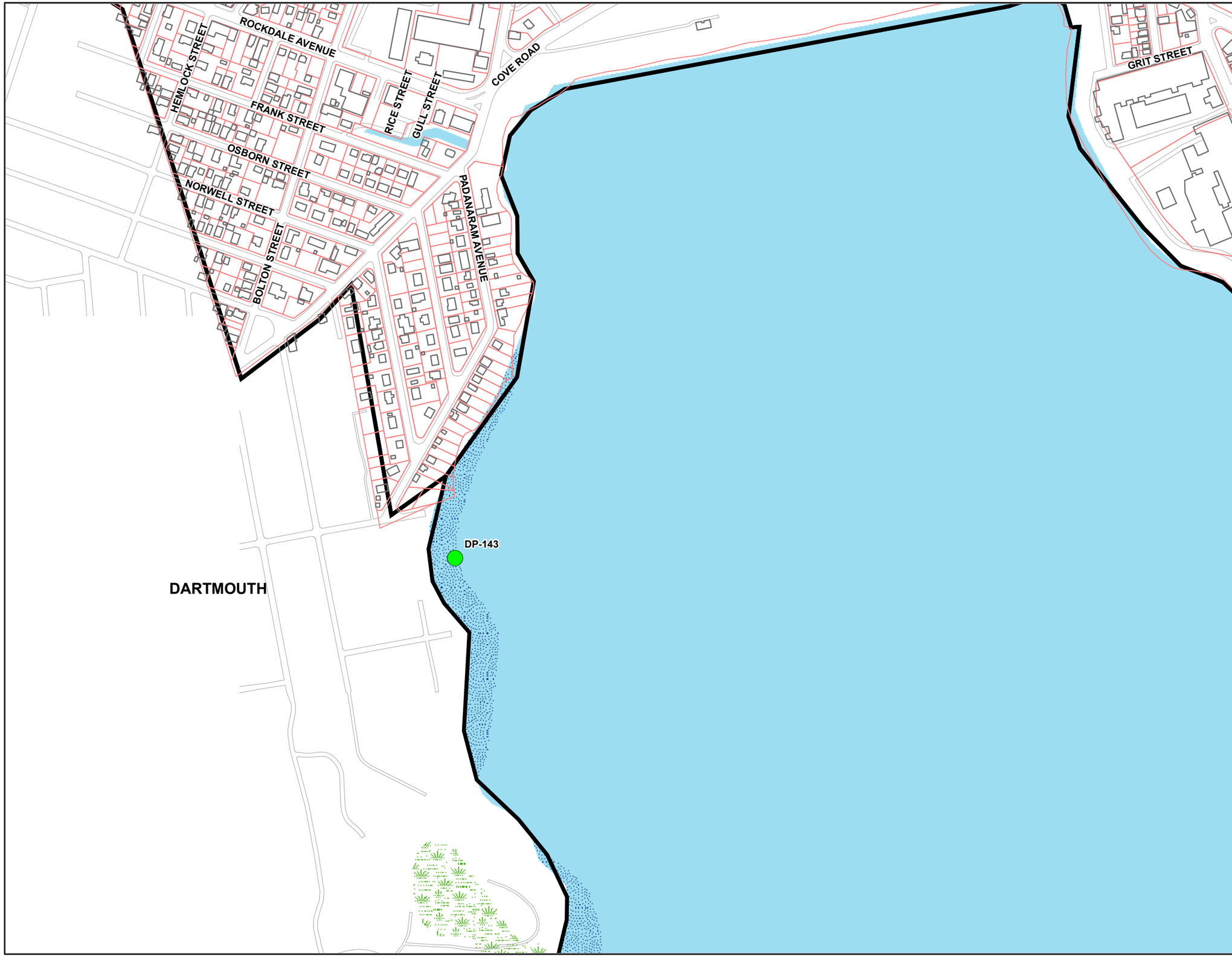

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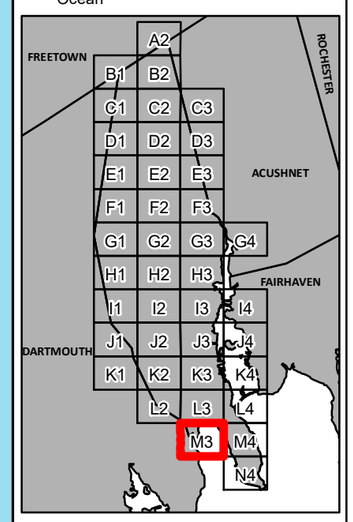

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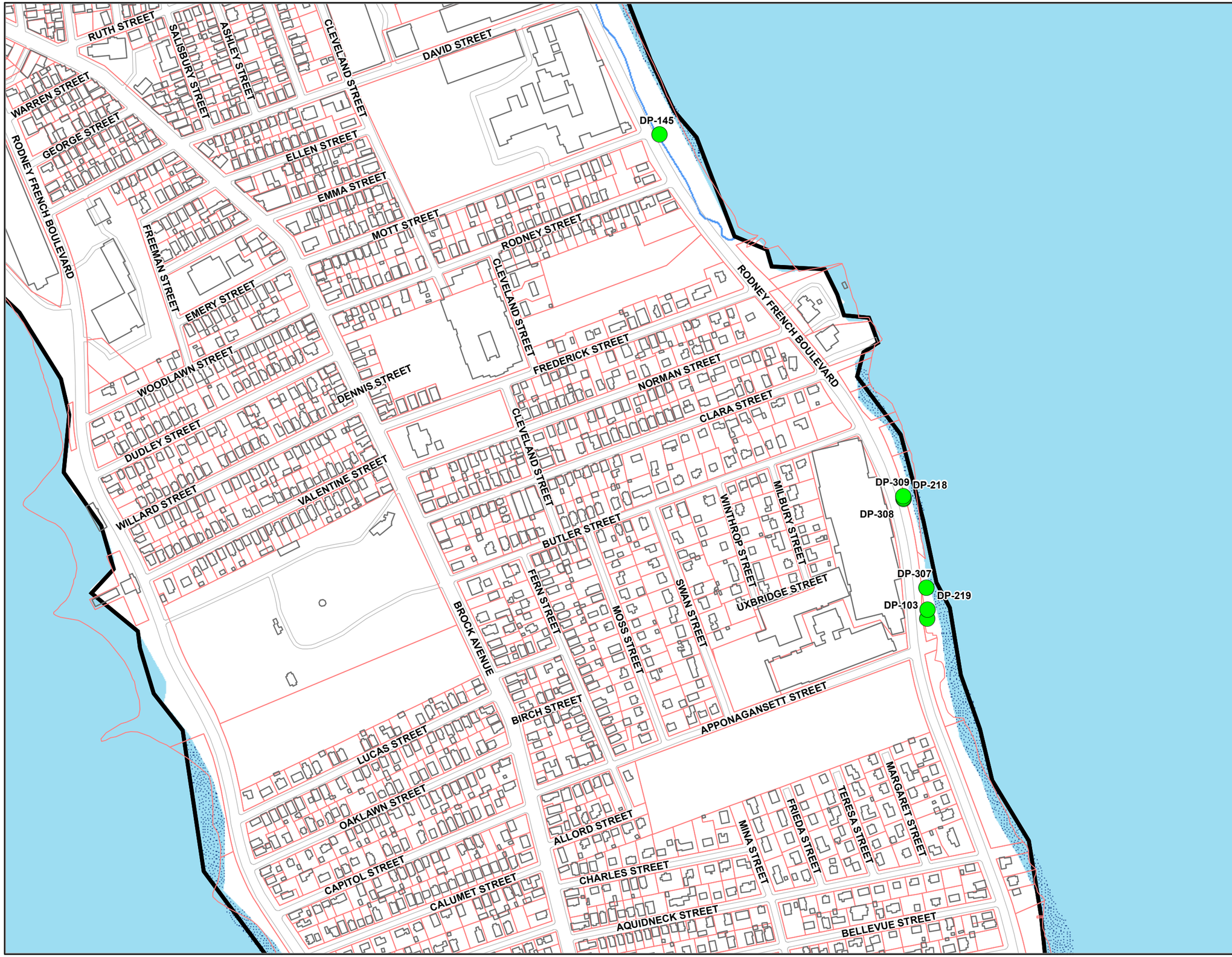

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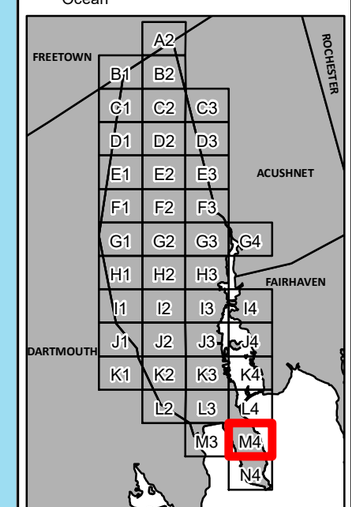

M4

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