Part I: General Conditions

General Information

| Name o | f Municipality o | or Organization: To | wn of West I | Newbury | 1 | | | State: | MA | |
|-----------------------------|--|---|--------------------------|----------|-------------|---------------|---|--------|-------------|---|
| EPA NP | DES Permit Nun | nber (if applicable): | MAR 04123 | 1 | | | | | | |
| Prima | ry MS4 Prog | ram Manager C | ontact Inf | ormati | on | | | | | |
| Name: | Angus Jenning | gs | |] Title: | Town Ma | nager | | | | |
| Street A | ddress Line 1: | Town Office Buildir | ng, 381 Main | Street | | | | | | |
| Street A | ddress Line 2: | | | | | | | | | |
| City: | West Newbury | / | | | State: | МА | Zip Code: | 01985 | | |
| Email: | townmanager | @wnewbury.org | | Phone | Number: (| 978) 363-110 | 0 | | | |
| Fax Nur | mber: | | | - | L | | | | | |
| Other | Information | | | | | | | | | |
| | | ent Program (SWMP Il location, if already co | | | | | | | | |
| Eligibi | lity Determi | nation | | | | | | | | |
| Endang | ered Species Ac | ct (ESA) Determinat | ion Complet | e? Yes | | | Eligibility Criter (check all that a | |] A 🗌 B 🖂 (| 2 |
| Nationa | Il Historic Presei | rvation Act (NHPA) I | Determinatio | on Comp | lete? Yes | | Eligibility Criter (check all that a | | A 🗌 B 🔲 (| 2 |
| CI | heck the box if y | your municipality o | ^r organizatio | n was co | vered unde | r the 2003 MS | 54 General Permi | it | | |
| MS4 Ir | nfrastructure | (if covered under the 3 | 2003 permit) | | | | | | | |
| | | Outfall Map Comp rrt B.3.(a.) of 2003 per | |) | | • | ments not met, pletion (MM/DD, | | | |
| lf outfall m or paper co | nap is unavailable or opy of the outfall ma | 4 map is published: n the internet an electroni ap must be included with for submission options) | | ewbury. | org/departi | nent-public-v | vorks | | | |
| Regula | atory Autho | rities (if covered unde | er the 2003 pern | nit) | | | | | | |
| | - | etion and Eliminati Irt B.3.(b.) of 2003 per | | uthority | Adopted? | Yes | Effective Date of Date of Adoptic | | 106/11/08 | 3 |
| | | and Sediment Cor t B.4.(a.) of 2003 peri | | uthority | / Adopted? | Yes | Effective Date of Date of Adoptic | | 106/11/08 | 3 |
| | | ormwater Manage rt B.5.(a.) of 2003 per | | ted? | | Yes | Effective Date of Date of Adoptic | | 106/11/08 | ; |

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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 |
|--|--|----------|---------------|------------------------------------|----------|-------------------|------------|---------------------------|---------|--------------|--|
| Merrimack River | 4 | | | | | | | | | \boxtimes | PCB in fish tissue, fecal coliform |
| Indian River | 2 | | | | | | | | | | |
| Mill Pond | 2 | | | | | | | | | | |
| Beaver Brook | 3 | | | | | | | | | | |
| Wetland creek behind Farm Lane/Pentucket Regional H.S. | 3 | | | | | | | | | | |
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| Town of West Newbury | | | | | | | | _ | | | Page 3 of 20 |
|---|--|----------|---------------|------------------------------------|----------|-------------------|-------------------|---------------------------|---------|--------------|--|
| 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 |
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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 |
|---|--|---------------------------------|---|---|--|
| Displays/Posters/Kiosks | Stormwater management system info displays at various public spaces/ events on pollution prevention | Residents/Businesses/Developers | DPW/MVPC Merrimack Valley Stormwater Collaborative/Greenscapes | Informational Posters & Display boards at locations to include Town Hall, community building | 2019 |
| Brochures/Pamphlets | Public education print materials | Residents/Businesses/Developers | DPW/MVPC Merrimack Valley Stormwater Collaborative/Greenscapes | 2 messages over 5 years to each of the three targeted audience. (Note that West Newbury does not have significant industry; targeted audiences are residents; commercial businesses & institutions; and developers. | 2019 |
| Special Events | Civic outreach events including display tables/info booth at Earth Day in Spring and Town Meeting. | Residents | Stormwater Working Group made up of Town Manager, Health Direct | 2 events per year | 2019 |
| School Curricula/ProgramsGreenscapes | Incorporate stormwater pollution prevention education into school curricula | Residents | Page School/Greenscapes North Shore Coalition | 1 day workshop annually to elementary school pupil audience @ | 2019 |

Town of West Newbury

| Town of west newbury | | | | | Page 5 of 20 |
|--|--|---|--|---|--------------|
| Local Public Service Announcements | PSAs on stormwater pollution prevention on local cable access | Residents/Businesses/Developers | DPW/Conservation Commission/West Newbury Community Access TV | continuous PSA announcements updated quarterly as needed | 2019 |
| Annual info mtgs w Selectmen & Planning B | Stormwater Working Group information/ consultation meetings with Town boards and commissions on stormwater management issue updates and best practices. | Residents/Businesses/Developers | Stormwater Working Group (Town Manager, Health, Planning, DPW, C | Minimum of two consultation/info sharing meetings per year | 2019 |
| Merrimack Valley Stormwater websiteStorr | Post plans and stormwater resource information on town and MVPC website | Residents/Businesses/Developers (construction) | DPW/MVPC | Update sites quarterly at minimum | 2019 |
| Participate in Greenscapes North Shore Coa | See attachment from Greenscapes | Residents/Developers/Businesses/ Institutions | Greenscapes North Shore Coalition | See attachment | 2018 |
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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 | Stormwater Working Group/MVPC | Allow annual review of stormwater management plan and posting of stormwater management plan on website | 2019 |
| Public Participation | Household haz. waste/used oil collection | Board of Health; Coordination with City of Newburyport | 1 town collection event each year in collaboration with City of Newburyport | 2018 |
| Public Participation | Catch Basin Stenciling/Markers | DPW | Restenciling operation, as needed | 2019 |
| Public Review | Bylaw Review and Update | Stormwater Working Group, Conservation Commission, Planning Board DPW, Bo | Allow public and departments opportunity to provide feedback on effectiveness of existing bylaw and potential update for compliance with new MS4 permit | 2019 |
| Public Participation | Stream Clean Up Day/Earth Day/Garden Club | Stormwater Working Group/DPW | Annual event with outreach opportunity to citizen volunteers in community day clean-up | 2019 |
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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 |
|---|--|---|--|--|
| Storm Sewer Outfall inventory | Develop SSO inventory in accordance of permit conditions | DPW | Complete within 1 year of effective date of permit | 2018 |
| Storm sewer system map | Create map and update during IDDE program completion | DPW/ with MVPC | 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 | DPW/Stormwater Working Group | Complete within 1 year of the effective date of permit and update as required | 2019 |
| Implement IDDE program | Implement catchment investigations according to program and permit conditions | DPW | Complete 10 years after effective date of permit | 2020 |
| Employee training | Train employees on IDDE implementation | DPW/Public Safety/Health/Conservation with MVPC Stormwater Collabo | Train annually | 2019 |
| Conduct dry weather screening | Conduct in accordance with outfall screening procedure and permit conditions | DPW/Health | Complete 3 years after effective date of permit | 2020 |
| Conduct wet weather screening | Conduct in accordance with outfall screening procedure | DPW/Health | Complete 10 years after effective date of permit | 2021 |
| Ongoing screening | Conduct dry weather and wet weather screening (as necessary) | DPW/Health | Complete ongoing outfall screening upon completion of IDDE program | 2022 |
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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 | Planning/Conservation Commission/ Inspectional Services/3rd Party inspectors | Complete within 1 year of the effective date of permit | 2019 |
| Site plan review | Complete written procedures of site plan review and begin implementation | Planning/Town Meeting | Complete within 1 year of the effective date of permit | 2019 |
| Erosion and Sediment Control | Adoption of requirements for construction operators to implement a sediment and erosion control program | Planning/Conservation Commission/Inspectional Services | Complete within 1 year of the effective date of permit | 2019 |
| 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 | Planning Board/DPW/Board of Health | Complete within 1 year of the effective date of permit | 2019 |
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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 | Planning Board/Building Dept./DPW | Require submission of as-built plans for completed projects | 2019 |
| Target properties to reduce impervious areas (NOTE: Town has fewer than five municipal-owned properties within the MS4 area and as part of this BMP activity planning will determine appropriate # and location of properties to target) | Identify permittee- owned properties that could be modified or retrofitted with BMPs to reduce impervious areas and update annually | DPW/Stormwater Working Group | Complete 4 years after effective date of permit | 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 | Stormwater Working Group | Complete 4 years after effective date of permit | 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. | Stormwater Working Group | Complete 4 years after effective date of permit | 2021 |

| Town of West Newbury Page | | | | |
|--|--|---|--|------|
| 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 | Planning Board/Conservation Commission/Town Meeting | Complete 2 years after effective date of permit | 2020 |
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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 | DPW | 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 | DPW | 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 | DPW | Complete 2 years after effective date of permit | 2019 |
| Stormwater Pollution Prevention Plan (SWPPP) (Note: DPW maintenance facilities are not located in the MS4. Facilities within the MS4 that may be appropriate for a SWPPP is the Fire Station/Public Safety Building.) | Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities located in MS4 area | Police/Fire (if applicable) | Complete and implement 2 years after effective date of permit if determined impact on MS4 resources | 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 | DPW | Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually | 2019 |
| Street sweeping program | Sweep all streets and permitee-owned parking lots in accordance with permit conditions | DPW | Sweep all streets and permitee-owned parking lots once per year in the spring | 2019 |
| Road salt use optimization program | Establish and implement a program to minimize the use of road salt | DPW | Implement salt use optimization during deicing season | 2019 |

| Inspections and maintenance of stormwater treatment structures | Establish and implement inspection and maintenance procedures and frequencies | DPW | Inspect and maintain treatment structures at least annually | 2019 |
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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) |
|---|--------------------|---|
| Not Applicable for Town of West Newbury | | |
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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) |
|-----------|-----------------|--------------------|---|
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Part IV: Notes and additional information

Use the space below to indicate the part(s) of 2.2.1 and 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.

Evaluation of Historic Effects

Assessment of Endangered Species Impact and EPA Consultation with U.S. Fish & Wildlife

Greenscapes North Shore MCM1 Public Education & Outreach Program Outline

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: | Angus Jennings | Title: | Town Manager |
|------------|----------------|--------|--------------|
| Signature: | | Date: | |

[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

NOI Submission

Please submit the form electronically via email using the "Submit by Email" button below or send in a CD with your completed NOI. You may also print and submit via mail using the address below if you choose not to submit electronically. The outfall map required in Part I of the NOI (if applicable) can be submitted electronically as an email attachment OR as a paper copy. *Permittees that choose to submit their NOI electronically by email or by mailing a CD with the completed NOI form to EPA, will be able to download a partially filled Year 1 Annual Report at a later date from EPA.*

Submit by Email

Submit by email using this button. Or, send an email with attachments to: stormwater.reports@epa.gov

Save

Save NOI for your records

EPA Submittal Address:

United States Environmental Protection Agency 5 Post Office Square - Suite 100 Mail Code - OEP06-1 Boston, Massachusetts 02109-3912 ATTN: Newton Tedder

State Submittal Address:

Massachusetts Department of Environmental Protection One Winter Street - 5th Floor Boston, MA 02108 ATTN: Fred Civian