

Part I: General Conditions

General Information

Name of Municipality or Organization: State:

EPA NPDES Permit Number (if applicable):

Primary MS4 Program Manager Contact Information

Name: Title:

Street Address Line 1:

Street Address Line 2:

City: State: Zip Code:

Email: Phone Number:

Fax Number:

Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed):

Eligibility Determination

Endangered Species Act (ESA) Determination Complete? Eligibility Criteria (check all that apply): A B C

National Historic Preservation Act (NHPA) Determination Complete? 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? 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)

Regulatory Authorities (if covered under the 2003 permit)

Illicit Discharge Detection and Elimination (IDDE) Authority Adopted? <i>(Part II, III, IV or V, Subpart B.3.(b.) of 2003 permit)</i>	<input type="text" value="Yes"/>	Effective Date or Estimated Date of Adoption (MM/DD/YY):	<input type="text" value="04/24/08"/>
Construction/Erosion and Sediment Control (ESC) Authority Adopted? <i>(Part II, III, IV or V, Subpart B.4.(a.) of 2003 permit)</i>	<input type="text" value="Yes"/>	Effective Date or Estimated Date of Adoption (MM/DD/YY):	<input type="text" value="04/24/08"/>
Post- Construction Stormwater Management Adopted? <i>(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)</i>	<input type="text" value="Yes"/>	Effective Date or Estimated Date of Adoption (MM/DD/YY):	<input type="text" value="04/24/08"/>

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](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
Bachelor Brook (MA34-07)	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nutrient/Eutrophication Biological Indicators
Wetland/Tributary to Bachelor Brook	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nutrient/Eutrophication Biological Indicators
Muddy Brook	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Pitchawam Swamp	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Stony Brook (MA34-19)	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Non-Native Aquatic Plants (TMDL not required)
Wetland/Tributary to Stony Brook	16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Non-Native Aquatic Plants (TMDL not required)
Wetland/Tributary to Aldrich Lake West	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other MS4 Outfalls in Regulated Area	43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Click to lengthen table

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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 Implementation
Multi-media (print and web materials)	Distribute an annual message in the spring (Apr/May) that encourages proper use and disposal of grass clippings and encourages use of slow-release fertilizers Distribute an annual message in the summer (Jun/Jul) that encourages proper management of pet waste Distribute an annual message in the fall (Aug/Sept/Oct) that encourages proper disposal of leaf litter	Residents	Hwy. Dept., Bd. of Selectmen, Planning Bd., Bd. of Health, PVPC CRSW	Distribute a minimum of three (3) timed messages annually on specific Nitrogen TMDL related topics	2018

<p>Multi-media (print and web materials)</p>	<p>Distribute an annual message in the spring (Apr/May) that encourages proper use and disposal of grass clippings and encourages use of slow-release fertilizers</p> <p>Distribute an annual message in the summer (Jun/Jul) that encourages proper management of pet waste</p> <p>Distribute an annual message in the fall (Aug/Sept/Oct) that encourages proper disposal of leaf litter</p>	<p>Businesses, Institutions and Commercial Facilities</p>	<p>Hwy. Dept., Bd. of Selectmen, Planning Bd., Bd. of Health, PVPC CRSW</p>	<p>Distribute a minimum of three (3) timed messages annually on specific Nitrogen TMDL related topics</p>	<p>2018</p>
<p>Multi-media (print and web materials)</p>	<p>1C - Education and outreach on stormwater management topics of significance in Granby (including proper erosion and sedimentation control, permit requirements, and design standards). Educational topics will include but are not limited to those in Part 2.3.2.d.iii</p>	<p>Developers (construction)</p>	<p>Hwy. Dept., Bd. of Selectmen, Planning Bd., Bd. of Health, PVPC CRSW</p>	<p>Distribute a minimum of two (2) educational messages spaced at least a year apart</p>	<p>2019</p>

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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 Implementation
3A - IDDE Ordinance/Bylaw	Complete. Continue to enforce and update if necessary.	Highway Department	Update as required	2018
3B - SSO inventory	Develop SSO inventory in accordance of permit conditions	Highway Department	Complete within 1 year of effective date of permit. Track # of SSOs identified and corrective measures planned and completed	2018
3C - Storm sewer system map	Outfall inventory complete. Improve map during IDDE program implementation	Highway Department	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit	2018
3D - Written IDDE program	Create written IDDE program	Highway Department	Complete written IDDE program within 1 year of the effective date of permit, update components annually as needed	2018
3E - Employee training	Train employees on IDDE implementation	Highway Department	Train annually. Track employees trained, training topic, date/time, and materials presented	2018
3F - Assessment and Priority Ranking of Outfalls & Interconnections	1. Dry Weather Outfall Screening & Sampling in accordance with IDDE Plan and permit conditions	Highway Department	Complete 3 years after permit effective date. Track # of illicit discharges identified & volume removed. Summarize sampling results	2018
3F - Assessment and Priority Ranking of Outfalls & Interconnections	2. Catchment Investigations according to IDDE Program and permit conditions	Highway Department	Complete 10 years after permit effective date. Track # and percentage of MS4 catchments evaluated. Track # of illicit discharges identified & volume removed. Summarize screening/sampling results	2019

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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 Implementation
4A - Construction Bylaw and Regulations, Site Plan Review Procedures	Modify local bylaw and regulations, if necessary, to contain new MS4 provisions per section 2.3.5.	Hwy. Dept., Bd. of Selectmen, Pl. Bd., ConCom, Town Counsel, ZBA, Bd. of Health	Review current procedures and modify if necessary within 1 year of permit effective date	2018
4B - Site Inspections, Sediment & Erosion Control Procedures +	Develop and implement written procedures for site inspections and enforcement procedures per section 2.3.5.	Hwy. Dept., Bd. of Selectmen, Pl. Bd., ConCom, Town Counsel, ZBA, Bd. of Health	Inspect 100% of construction sites as outlined in the document and take enforcement actions as needed	2018

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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 Implementation
5A - Post-Construction Bylaw and Regulations	Modify local bylaw and regulations to contain new MS4 provisions per section 2.3.6.a.	Highway Department	Modify existing bylaw and/or regulations if necessary within 2 years of permit effective date	2019
5B - Assess street 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	Board of Selectmen, Town Counsel, Planning Board, PVPC CRSWC	Complete report no later than 4 years of permit effective date	2020
5C - Assess allowing green infrastructure	Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist	Board of Selectmen, Town Counsel, Planning Board, PVPC CRSWC	Complete report no later than 4 years of permit effective date	2020

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 <small>(enter your own text to override the drop down menu or entered text)</small>	BMP Description	Responsible Department/Parties <small>(enter your own text to override the drop down menu)</small>	Measurable Goal <small>(all text can be overwritten)</small>	Beginning Year of BMP Implementation
6A - Operation & Maintenance (O&M) Procedures - Parks and Open Space	Complete. Update inventory and O&M procedures for all permittee-owned parks and open spaces, buildings and facilities (including their storm drains), and vehicles and equipment	Highway Department	Continue to update and implement in following years	2018
6B - O&M Procedures - MS4 Infrastructure	Establish and implement program for repair and rehabilitation of MS4 infrastructure	Highway Department	Complete 2 years after effective date of permit	2019
6C - Catch Basin Cleaning Program	Implement procedures and schedule to optimize catch basin cleaning such that each catch basin is no more than 50% full	Highway Department	Track frequency and material quantity of catch basin cleaning in town. In first Annual Report and in SWMP, document plan for optimizing catch basin cleaning	2018
6D - Street Sweeping Program	Sweep all streets and permittee-owned parking lots in accordance with permit conditions	Highway Department	Sweep all streets and permittee-owned parking lots once per year in the spring and once in the fall. Rural uncurbed roads under exemption may be swept once per year	2018
6E - Winter Road Maintenance Program	Establish and implement procedures for winter road maintenance, including the use and storage of salt and sand	Highway Department	Implement salt use optimization during deicing season	2018

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.

1. BMPs identified in the 2003 General Permit NOI have evolved over the permit term due to staff changes and Stormwater Program modifications. The intent of the 2003 BMPs are being met under the proposed 2016 General Permit BMPs included in the Stormwater Management Plan. The Stormwater Management Plan describes how the BMPs under the 2003 permit fit into the new program, particularly where BMPs and/or measurable goals that are outdated or no longer appropriate have been replaced or updated.
2. Aldrich Lake East (Phosphorus) in Granby is listed in Table F-6 in the MA Small MS4 General Permit, Appendix F, Part A.II. Lake and Pond Phosphorus TMDL requirements as requiring a 0% reduction in Phosphorus.
3. The Federal Endangered Species Act Eligibility Determination screening process has been completed and the Town of Granby meets Criterion C. Per the official species list from the USFWS New England Ecological Services Field Office, Small Whorled Pogonia and Northern Long-eared Bat may exist in the Town. Based on an assessment of the discharge and discharge related activities, the discharge and discharge related activities will have "no affect" on listed species or critical habitat. if, during the course of the permit term, the Town plans to install a structural BMP not identified in the NOI, the Town will conduct an endangered species screening for the proposed site and will contact the USFWS if it is determined that the new activity "may affect" or is "not likely to adversely affect" listed species or critical habitat under the jurisdiction of the USFWS.
4. The National Historic Preservation Act Eligibility Determination screening process has been completed and the Town of Granby meets Criterion A. The Town's stormwater discharges do not have the potential to cause effects on historic properties. The Town will consult with the State Historic Preservation Officer as needed during the permit term.
5. The outfalls and associated receiving waters in Part II are based on mapping as of September 2018 and are subject to change during implementation of the Stormwater Program as newly constructed outfalls are added to the map and inventory; locations are adjusted; or outfalls are removed if they are determined to be non-municipally owned/operated or reclassified as a BMP inlet, culvert, or other structure. Changes to the outfall inventory and mapping will be formalized in Annual Reports to EPA.

Detailed explanations of the above notes are included in the Town's Stormwater Management Plan.

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:

Title:

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

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.

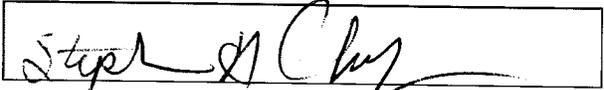
Name:

STEPHEN A CHOJNACKI

Title:

CHAIR
BOARD OF SELECTMEN

Signature:

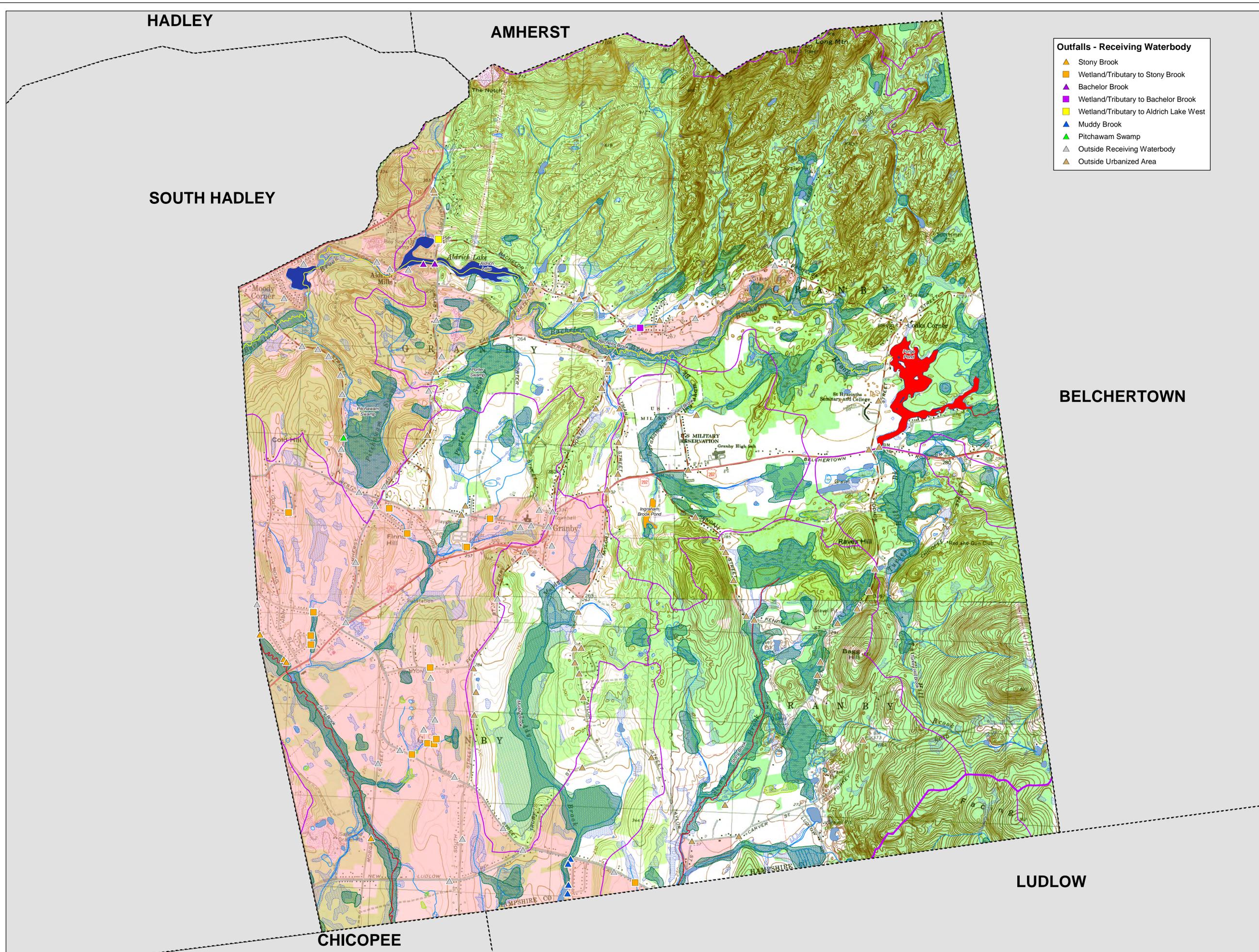


Date:

09/07/2018

[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



HADLEY

AMHERST

SOUTH HADLEY

- Outfalls - Receiving Waterbody**
- ▲ Stony Brook
 - Wetland/Tributary to Stony Brook
 - ▲ Bachelor Brook
 - Wetland/Tributary to Bachelor Brook
 - Wetland/Tributary to Aldrich Lake West
 - ▲ Muddy Brook
 - ▲ Pitchawam Swamp
 - ▲ Outside Receiving Waterbody
 - ▲ Outside Urbanized Area

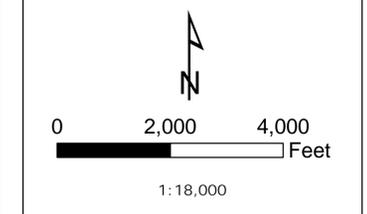
- Legend**
- Town Boundary
 - Water Body Segments - Rivers**
 - Category**
 - 2 - Attaining some uses; other uses not assessed
 - 3 - No uses assessed
 - 4A - Impaired - TMDL is completed
 - 4C - Impairment not caused by a pollutant
 - 5 - Impaired - TMDL required
 - Water Body Segments - Lakes, Estuaries**
 - Category**
 - 2 - Attaining some uses; other uses not assessed
 - 3 - No uses assessed
 - 4A - Impaired - TMDL is completed
 - 4C - Impairment not caused by a pollutant
 - 5 - Impaired - TMDL required
 - Major Drainage Basins
 - Subbasin
 - NWI Wetland Areas**
 - Estuarine and Marine Wetland
 - Freshwater Emergent Wetland
 - Freshwater Forested/Shrub Wetland
 - Estuarine and Marine Deepwater
 - Freshwater Pond
 - Lake
 - Riverine
 - Other
 - NWI Rivers and Streams
 - MassDEP Hydrology**
 - Public Surface Water Supply (PSWS)
 - Water Bodies
 - Hydrology 25K
 - MassDEP Wetlands**
 - Inland Wetlands
 - MassDOT Major Roads**
 - Road Type**
 - Limited Access Highway
 - Multi-lane Hwy, not limited access
 - Other Numbered Highway
 - Major Road, Collector
 - Urbanized Area 2000
 - Urbanized Area 2010

BELCHERTOWN

CHICOPEE

LUDLOW

LOCUS MAP



NOTES

- Based on USGS Topo Map: Mt. Holyoke, 1979; Springfield North, 1979; Belchertown, 1979; Ludlow, 1975 (10 ft)
- MassGIS: 2014 Integrated List Data (2016), Major Drainage Basins (2003), Subbasins (2007), Community Boundary (2017), National Wetland Inventory (2007), FEMA National Flood Hazard (2017), MassDOT Major Roads (2014), Urban Area (2000 and 2010)
- Town of Granby: Outfalls

OUTFALLS AND RECEIVING WATERBODIES

Notice of Intent
 Granby, Massachusetts
 July 2018

