NPDES No. NHR04_ _ _ _ Date _____

Notice of Intent for Coverage Under an NPDES General Permit for Storm Water Discharges from SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS.

A. Small MS4 Operator/Owner Information

Name: The Town of Merrimack, NH Phone: (603) 424-5137

Mailing Address:

C/O Merrimack DPW P.O. Box 101

Merrimack, NH 03054

B. Small MS4 Location Information

1. MS4 Name: Municipal - Town of Merrimack

2.a. City: Merrimack

b. County: Hillsborough

c. State: NH

d. Latitude of MS4 centroid: 42° 51' 03" e. Longitude of MS4 centroid 71° 31' 20"

f. Acreage of land area draining to the MS4: 20,000+/- acres

3. a. Permit Applicant: ☐ Federal ☐ State ☐ Tribal ☐ Private ☒ Other public entity(Municipality)

b. Is the MS4 located on Indian country Lands? ☐ Yes ☒ No

4. Additional MS4 Requirements:

a. Based on the instructions provided in Addendum A of the Small MS4 General Permit, have the eligibility criteria for "listed species" and critical habitat been met? ☒ Yes ☐ No

b. Based on the instructions provided in Addendum B of the Small MS4 General Permit, have the eligibility criteria for protection of historic properties been met? ☒ Yes ☐ No

C. Does the MS4 discharge storm water into receiving water(s) ☐ Yes ☐ No

If yes, list the name(s) of the receiving waters.

Names of Receiving Waters (presently known)	**Listed as Impaired?**		**Impairment**
	Yes	**No**	
1. Merrimack River	x		Escherichia Coli
2. Naticook Brook		x	
3. Horseshoe Pond	x		Non-Native Plants
4. Pennichuck Brook (Harris Pond)	x		Excess Algal Growth
5. Baboosic Brook	x		Oxygen, Dissolved
			pH
6. Souhegan River	x		Copper
7. McQuade Brook	x		Oxygen, Dissolved
			pH
8. Baboosic Lake		x	
9. Other Unnamed Waterways		x	

NPDES No. NHR04_ _ _ _ Date _____

E. 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.

Print Name: DEAN E. SHANKLE, JR

Signature: Dean E Shankle Jr Date: 08/08/03

Name of Receiving Water(s) (Presently Know)	Listed as Impaired 303(d) List (1)		Impairment	No. of Outfalls	BMP ID	BMP	Responsible Party/Department	Measureable Goal
	Yes	No						
1. Souhegan River	X	X	Pb (lead) Chronic Wet Weather	Unknown	3.3 3.4 3.5	Qualitative Observation of Outfall Discharge Dry Weather Screening of Outfall Develop Program for elimination of illicit discharges within drainage area of outfall, if applicable	DPW (2)	Determine Outfall Locations & Screen for pollutants by year 1 Screen outfall during dry weather flows by end of year 1 Eliminate illicit discharge, if found and if applicable
2. Baboosic Lake	X	X	Algal Blooms	Unknown		The Baboosic Lake Association has established an enhanced monitoring program using local volunteers to determine sources of nutrients.	DPW (2)	Coordinate with Local Lake Association by end of year 1 to discuss ongoing sampling efforts and possible Town involvement.
3. Merrimack River		X		Unknown				
4. Naticook Brook		X		Unknown				
5. Horseshoe Pond		X		Unknown				
6. Baboosic Brook		X		Unknown				
7. Penichuck Brook (Harris Pond)		X		Unknown				
8. McQuade Brook		X		Unknown				

(1) Based on EPA Approved 1998 Section 303(d) List for New Hampshire in the Town of Merrimack
(2) DPW = Department of Public Works

STORM WATER MANAGEMENT PROGRAM SUMMARY
TOWN OF MERRIMACK, NEW HAMPSHIRE

NPDES No. NHR04____

Name:_____
Date:_____

BMP ID.	BMP	Responsible Dept.	Measurable Goal
1.0	**Public Education & Outreach:**		
1.1	Informational Brochures for Trash Management and Disposal of Hazardous Waste *Data to include: services provided by the municipality, methods for disposal of hazardous waste, composting, and penalties for littering or improper disposal of waste*	DPW	Develop brochure by spring of 2004, distribute to all residents by fall of 2004
1.2	Classroom education *(Educational Program developed)*	DPW	Have guided tour program of the WWTF & Highway Garage available to students by end of year 1
1.3	Advertisements promoting BMP's to air on local cable station	DPW	Create slides and secure airtime by fall of 2004, Advertisements to run monthly at a minimum
1.4	Educational pamphlets provided to new residents	DPW	Distribution of educational materials to begin by end of year 1 and be continuous
1.5	Stormwater information provided on website	DPW	Develop website information, implement fall 2004
2.0	**Public Participation:**		
2.1	Storm Drain Stenciling	DPW	Stencil designed by year 1, 80% catch basins stenciled by end of year 2, stencil program to run annual
2.2	Volunteer program for stream cleanup and water quality monitoring	Community Development	Work of Souhegan & Lower Merrimack Councils to be monitored by Town. Monitoring data to be included in annual report to EPA.
2.3	Greenbelt program	Community Development	Greenbelt program is included in master plan, the Town is actively encouraging private participation
2.4	Support Watershed Organization	Community Development	Town will continue to solicit applicants for appointment with local watershed organizations
2.5	Develop system for public communication	DPW	Appoint contact person and establish communication methods, by fall of 2004
3.0	**Illicit Discharge Detection & Elimination:**		
3.1	Preparation of Master Drainage Map *(Delineation of municipal storm sewer system, drainage basins, outfalls & receiving waters)*	DPW	Master Drainage Map is prepared by end of year 4, Map is modified as needed annually
3.2	Storm sewer bylaw *(Regulatory mechanism to prohibit non-storm water, pollutant, discharges)*	DPW	Storm Sewer By-Law in place by end of year 3
3.3	Qualitative observation of discharge at outfalls	DPW	100% of major outfalls from developed areas are screened for pollutants by end of year 2
3.4	Dry weather screening of outfalls	DPW	100% of major outfalls from developed areas are screened for dry weather flows by end of year 1
3.5	Develop program for the elimination of illicit discharges, if applicable.	DPW	Eliminate all known illicit discharges by end of Year 5, first permit period.
4.0	**Construction Site Runoff Control**		
4.1	Preparation of Town Ordinance, *to address:* *BMP erosion & sediment controls for all new construction, preparation of SWPP's for land disturbances greater than 1 acre, building setbacks from waters of the State and disposal of discarded building materials*	Community Development	Implementation by fall of 2005
4.2	Develop procedures for Site Inspection, enforcement and penalties for non-compliance	Community Development	Implementation by fall of 2005
4.3	Develop system for public communication *(for reporting violations)*	Community Development	Appoint contact person and establish communication methods by fall of 2005
5.0	**Post Construction Runoff Control:**		
5.1	Revision of Town Site Plan and Subdivision review regulations, *to address:* *Structural BMP's for land disturbances greater than 1 acre, and perpetual maintenance of BMP's*	Community Development	Regulations to be revised and adopted by fall of 2004
5.2	Develop procedures for review of structural BMP's	Community Development	To be part of revised regulations by fall 2004
5.3	Promote open drainage systems and groundwater recharge through infiltration systems	Community Development	To be part of revised regulations by fall 2004
5.4	Develop procedures for Site Inspection and enforcement	Community Development	Internal inspection procedures in place by fall of 2004
6.0	**Good Housekeeping**		
6.1	Prepare Operation and Maintenance program for storm sewer system	DPW	33% of structures are cleaned and inspected each year. O&M plan developed by end of year 3. Plan to be revised and updated annually as necessary.
6.2	Implement Employee Training Program to include: vehicle maintenance, building maintenance, oil recycling policy, calibration of salt spreaders, hazardous materials storage, spill response and prevention, and erosion control for new construction	DPW	Employee Training program to be developed by end of year 1, and conducted annually for all DPW employees.

Underwood Engineers, Inc
25 Vaughan Mall
Portsmouth , NH 03801

STORM WATER MANAGEMENT PROGRAM SCHEDULE
TOWN OF MERRIMACK, NEW HAMPSHIRE

NPDES No. NHR04_ _ _ _

Name:_____
Date:_____

BMP ID.	PERMIT YEAR ONE				PERMIT YEAR TWO				PERMIT YEAR THREE				PERMIT YEAR FOUR				PERMIT YEAR FIVE				Next Permit
	Spring 03	Summer 03	Fall 03	Winter 03-04	Spring 04	Summer 04	Fall 04	Winter 04-05	Spring 05	Summer 05	Fall 05	Winter 05-06	Spring 06	Summer 06	Fall 06	Winter 06-07	Spring 07	Summer 07	Fall 07	Winter 07-08	
1																					
1.1					G		G														
1.2				G			X				X				X				X		
1.3							G	X X X	X X X	X X X	X X X	X X X	X X X	X X X	X X X	X X X	X X X	X X X	X X X	X X X	
1.4				G																	
1.5							G														
2																					
2.1				G																	
2.2				G				G				G				G				G	
2.3																					
2.4																					
2.5			G																		
3																					
3.1																G					
3.2												G									
3.3								G													
3.4				G																	
3.5																				G	
4																					
4.1											G										
4.2											G										
4.3											G										
5																					
5.1							G														
5.2							G														
5.3							G														
5.4							G														
6																					
6.1												G									
6.2				G																	
6.3				G		X				X				X				X			

G - Designates Goal Established
X - Designates single event occurance
- Designates implementation duration

TownMS4GP-NOI.xls

Underwood Engineers, Inc
25 Vaughan Mall
Portsmouth, NH 03801