

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, JRSignature: Dean Shankle Jr Date: 08/08/03

Name of Receiving Waterbody (Presently Known)	Listed as Impaired 303(d) List (1)		Impairment	No. of Outfalls	BMP ID	BMP	Responsible Party/Department	Measurable 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. Horeshea Pond		X		Unknown				
6. Baboosic Brook		X		Unknown				
7. Peisichuck 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 <i>Data to include: services provided by the municipality, methods for disposal of hazardous waste, composting, and penalties for littering or improper disposal of waste</i> 1.2 Classroom education (Educational Program developed) 1.3 Advertisements promoting BMP's to air on local cable station 1.4 Educational pamphlets provided to new residents 1.5 Stormwater information provided on website	DPW	Develop brochure by spring of 2004, distribute to all residents by fall of 2004 Have guided tour program of the WWTF & Highway Garage available to students by end of year 1 Create slides and secure airline by fall of 2004, Advertisements to run monthly at a minimum Distribution of educational materials to begin by end of year 1 and be continuous Develop website information, implement fall 2004
2.0	Public Participation: 2.1 Storm Drain Stenciling 2.2 Volunteer program for stream cleanup and water quality monitoring 2.3 Greenbelt program 2.4 Support Watershed Organization 2.5 Develop system for public communication	DPW Community Development Community Development Community Development DPW	Stencil designed by year 1, 80% catch basins stenciled by end of year 2, stencil program to run annual Work of Souhegan & Lower Merrimack Councils to be monitored by Town. Monitoring data to be included in annual report to EPA. Greenbelt program is included in master plan, the Town is actively encouraging private participation Town will continue to solicit applicants for appointment with local watershed organizations Appoint contact person and establish communication methods, by fall of 2004
3.0	Illicit Discharge Detection & Elimination: 3.1 Preparation of Master Drainage Map <i>(Delineation of municipal storm sewer system, drainage basins, outfalls & receiving waters)</i> 3.2 Storm sewer bylaw (Regulatory mechanism to prohibit non-storm water, pollutant, discharges) 3.3 Qualitative observation of discharge at outfalls 3.4 Dry weather screening of outfalls 3.5 Develop program for the elimination of illicit discharges, if applicable	DPW DPW DPW DPW DPW	Master Drainage Map is prepared by end of year 4, Map is modified as needed annually Storm Sewer By-Law in place by end of year 3 100% of major outfalls from developed areas are screened for pollutants by end of year 2 100% of major outfalls from developed areas are screened for dry weather flows by end of year 1 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: <i>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</i> 4.2 Develop procedures for Site Inspection, enforcement and penalties for non-compliance 4.3 Develop system for public communication (for reporting violations)	Community Development Community Development Community Development	Implementation by fall of 2005 Implementation by fall of 2005 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: <i>Structural BMP's for land disturbances greater than 1 acre, and perpetual maintenance of BMP's</i> 5.2 Develop procedures for review of structural BMP's 5.3 Promote open drainage systems and groundwater recharge through infiltration systems 5.4 Develop procedures for Site Inspection and enforcement	Community Development Community Development Community Development Community Development	Regulations to be revised and adopted by fall of 2004 To be part of revised regulations by fall 2004 To be part of revised regulations by fall 2004 Internal inspection procedures in place by fall of 2004
6.0	Good Housekeeping 6.1 Prepare Operation and Maintenance program for storm sewer system 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 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. Employee Training program to be developed by end of year 1, and conducted annually for all DPW employees.

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
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G - Designates Goal Established

X - Designates single event occurrence

- Designates implementation duration

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- - - - - Designates implementation duration

Underwood Engineers, Inc
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