

Office of  
STORMWATER AGENT  
148 Peck Street  
Rehoboth, MA 02769



Tel.: (508) 252-6891  
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Email: reho25@comcast.net

*To Serve and Assist*

APR 30 2009

April 27, 2009

Thelma Murphy  
U. S. Environmental Protection Agency – Region 1  
1 Congress Street, Suite 1100  
Boston, MA 02114-2023

Re: Stormwater Permit

Dear Ms. Thelma Murphy,

Attached please find the completed MS4 General Permit, a copy of the Town of Rehoboth Stormwater by-laws, a copy of a notice from the Town of Rehoboth's Building Department, Copy of pictures taken of signage and stencils for catch basins, and copies of our Stormwater Permit applications.  
Thank you for your time.

On Behalf of the Stormwater Committee,

  
Stacy Vilao  
Administrative Aide

**Municipality/Organization:** Town of Rehoboth

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**EPA NPDES Permit Number:** MAR041152

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**MassDEP Transmittal Number:** W-041314

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**Annual Report Number  
& Reporting Period:** April 1, 2008 – March 31, 2009

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**NPDES PII Small MS4 General Permit  
Annual Report  
(Due: May 1, 2009)**

**Part I. General Information**

Contact Person: Peter Richmond Stormwater Officer /  
Title: Highway Superintendent

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Telephone #: 508-252-6891  
Email: [Conservationcommission@town.rehoboth.ma.us](mailto:Conservationcommission@town.rehoboth.ma.us)

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Mailing Address: 148 Peck St. Rehoboth, Ma. 02769

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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, 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.

Signature: Peter B. Richmond

Printed Name: Peter B. Richmond

Title: Highway Superintendent

Date: 4-2-09

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## Part II. Self-Assessment

The Town of Rehoboth has completed the required assessment and has determined that the municipality is in complete compliance with twenty-seven [27] of the permit conditions including:

BMP1.1 Public education: Have reached 100% of residents in Rehoboth

BMP1.2 Stormwater Informational: Have videos running on public access channel

BMP1.3 Form Partnership: Have had dialog with state Highway officials about route 44

BMP1.4 Informational Library: Stormwater materials accessible at Town Hall, C.O.A, and public library

BMP1.5 Educational Bulletin Board: We have three [3] public bulletin boards in town with stormwater information on them

BMP1.6 Tributary Signage: We have identified six [6] locations in Town signs are ordered and will be installed by the spring

BMP2.1 Stormwater committee: On going for almost three [3] years meeting once a month

BMP2.2 Public Meetings on By-Law: All stormwater meeting are advertised as public meetings

BMP2.3 Roadside Cleanup: The Rehoboth Business Association has a cleanup every April

BMP 3.1 Stormwater Committee: Appointed by the Board of Selectmen September 2008

BMP3.2 By-Law Stormwater: Going before Town meeting in April 2008

BMP3.3 Storm Sewer Map: Done on CD and G.P.S

BMP3.4 Oil Drop-Off: Done once a year at our Highway Dept.

BMP3.5 Detection Plan: Our Highway Dept and Conservation office receive complaints and respond

BMP3.6 Educate Public Employees and Businesses: Deliver or Mail Stormwater Material

BMP4.1 Erosion Control: Has been done by Conservation and Planning Board, also included in Permit

BMP4.2 Site Plan Review: Done by Conservation and Planning Board

BMP4.3 Mechanism for Site Inspection: Being done by our Highway Supt. And / or Stormwater Commission

BMP4.4 Sanction for Compliance: In new By-law

BMP4.5 Procedure for Receiving Info from Public: Complaints logged with Highway and Conservation

BMP4.6 Certification for Contractors: In our new By-law

BMP5.1 BMP O&M Plan for Development: In new By-law

BMP5.2 Use of Structural or Non-Structural BMPs: In our Sub-Division control law

BMP5.3 Post-Construction Runoff: In our sub-division control laws and Town by-laws  
BMP5.4 Certification for Property/Business Owners: Being done though our Planning Board by having businesses keep logs on drainage cleaning  
BMP6.1 O&M Plan for Town Properties/Structures: Procedures for Street Sweeping and catch basin cleaning  
BMP6.2 Employee Training: The Stormwater committee is made up of members of most Boards and Dept. in Town there are bring their training back to their Dept.

The Town of Rehoboth has appointed a Stormwater Committee to be responsible for fulfilling many of the requirements of this MS4 General permit.

In April 2008 the Town of Rehoboth Stormwater by-law went into effect. Signage for resource areas needing extra protection and public awareness have been purchased and erected. Stencils have been created to mark catch basins in town to further protect the resource areas from stormwater run off. Additional trash receptacles have been purchased and placed where the Committee has become aware of that trash maybe reaching our resource areas. The Stormwater Committee has continued to follow up on resident's complaints and concerns. The Committee has worked diligently this year to create and finalized Stormwater Permit Applications for single family homes and Commercial / subdivision.

**Part III. Summary of Minimum Control Measures**

**1. Public Education and Outreach**

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./Person Name</b>	<b>Measurable Goal(s)</b>	<b>Progress on Goal(s) – Permit Year 5</b> (Reliance on non-municipal partners indicated, if any)	<b>Planned Activities – Permit Year 6</b>
1.1	Public Education Outreach Program	Stormwater Committee	Reach 100% of residents	Have published articles in local paper that is mailed to 100% of homes in Town	Continue to publish in local paper
Revised					
1.2	Stormwater Informational Videos	Stormwater Committee	Reach all households with cable access	Have been running Stormwater videos twice weekly changing video content monthly	Continue running videos also make our own video in our Town showing BMPs
Revised					
1.3	Form Partnership	Highway Supt.	Address Stormwater concerns along state highways	Has a working relationship with the Mass. HWY Dept.	Continue relationship with Mass. HWY. State created catch basins Repaired Erosion Cleared Blocked Culvert Repaired Road
Revised					
1.4	Informational Library	Stormwater Committee	Maintain Stormwater material up to date	Stormwater materials available at all Town location	Maintain up to date materials at all town locations
Revised					
1.5	Educational Bulletin Board	Stormwater Committee	Target visitors to all Town locations	Have put up Stormwater posters at the 6 Town bulletin Boards	Maintain up to date materials on all Town Bulletin Boards
Revised					
1.6	Tributary Signage	Highway Supt.	Identify Valuable resource areas	Six [6] location identified along Town roads signs have been	Continue locating resource areas to sign

Revised							
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**1a. Additions**


**2. Public Involvement and Participation**

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./Person Name</b>	<b>Measurable Goal(s)</b>	<b>Progress on Goal(s) – Permit Year 5</b> (Reliance on non-municipal partners indicated, if any)	<b>Planned Activities – Permit Year 6</b>
2.1	Stormwater Committee	Board of Selectman	To regulate the by-law and anything pertaining to the regulation	By-law approved 4/2008	To uphold the by-law
Revised					
2.2	Public Meetings to discuss by-law	Stormwater Committee	Inform and received information from the public and business sector	7 meetings in 08 plus 1 meeting in 2009	To hold meetings once monthly and speak at local public events
Revised					
2.3	Roadside Clean-up	Rehoboth Business Association	To reduce roadside waste entering drainage system	Done every year commencing in April	To extend our clean-up to Sept each year as well as April
Revised					

**2a. Additions**


### 3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 5 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 6
3.1	Stormwater Committee	Committee and Board of Selectman	Person in charge of enforcement and BMPs	Maintain current budget	Proposed budget to include paid Administrative Aide
Revised					
3.2	By-Law prohibiting Stormwater Discharge with enforcements	Stormwater Committee and Highway Supt.	Legal mechanism to control and enforce stormwater runoff	By-Law Approved 4/2008	Continue to uphold by-law
Revised					
3.3	Stormwater Sewer System Map	Highway Dept.	Map all catch basins in Town	All structures located and mapped, recorded on a disc; and G.P.S.	Continue to locate all non-structure drainage on our Town roadways
Revised					
3.4	Oil Drop Off Days	Highway Dept.	Reduction in potential illicit discharge	Five oil collection days 08-09.	Will continue to have collection days.
Revised					
3.5	Detection Plan	Stormwater Committee and Highway Supt.	Respond to complaints and inquiries within 48 hours and maintain logs	Highway Dept. and Stormwater Committee have responded to many complaints in 08 and the beginning of 09	To continue to respond with in 48 business hours
Revised					

3.6	Educate Public, Employees and Businesses about illegal discharge	Stormwater Committee	Hold workshops on Stormwater discharge and BMPs	Have Public Meetings	Continue to hold more meetings and try to have some workshops.
Revised					

**3a. Additions**


4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 5 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 6
4.1	Stormwater By-Law	Stormwater Committee	Legal Mechanism to control stormwater discharge	Created Stormwater Permit Applications	To upholding by-law with permitting and enforcement
Revised					
4.2	Site Plan review Procedure	Conservation and Planning Board	To guide contractors in the proper way of controlling erosion and sediment	All new construction submitted for review are being looked at very closely for TSS removal and other options	To look for more alternative drainage pools and structures to reduce TSS in our resource areas
Revised					
4.3	Mechanism for Site inspection and enforcement	Stormwater Committee and Highway Supt.	Enforcement and Inspection written in by-law	Highway Supt. has been doing this right along.	Highway Supt. will have a By-Law for inspections and enforcements
Revised					
4.4	Sanctions to Ensure Compliance	Stormwater Committee and Highway Supt.	Sanctions and fines in new by-law	Highway Dept., Conservation And Planning Board have regulations for enforcement	Will have by-law in effect. Need to create sanctions and penalty language
Revised					
4.5	Procedure for Receiving info from Public	Highway Dept.	Respond to complaints and inquiries	Highway Dept, Stormwater Committee and Conservation Comm. Have responded to all	To have complaints go to one location to log and assign the proper dept

Revised						
4.6	Certification Procedure for Contractors	Stormwater Committee	To have Contractors prove their knowledge of Stormwater BMPs	New application created with contractors certification	Continue to make sure applications are complete and contractors are certified	
Revised						

**4a. Additions**


**5. Post-Construction Stormwater Management in New Development and Redevelopment**

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./Person Name</b>	<b>Measurable Goal(s)</b>	<b>Progress on Goal(s) – Permit Year 5</b>	<b>Planned Activities – Permit Year 6</b>
5.1	BMP Operations & Maintenance Plan	Stormwater Committee	Mechanism to require O&M plan and be able to inspect and enforce	Included in by-law and new applications	To require every contractor who meets the requirements to follow the O&M plan
Revised					
5.2	Establish Standards For Structural or Non-Structural BMPs	Committee and Planning Broad	To require Structural or non-structural BMPs	In place with Planning Board but used on a small scale	To require contractors to use structural or non-structural BMPs and fine new ways to improve these BMPs
Revised					
5.3	Post Construction runoff Controls	Cons. Com Planning Board Stormwater Comm.	To control runoff in and around construction site	Covered by Cons. Com, Planning and S. W. Committee by-laws rules & regulations	Continue to make sure requirements are met
Revised					
5.4	Certification Procedure for Property/Business Owners	Stormwater Committee	Require Business Owners to be familiar with their O&M plan	Required by Planning and Conservation	Continue to have record keeping and inspection by Town
Revised					
Revised					

Revised								

**5a. Additions**


**6. Pollution Prevention and Good Housekeeping in Municipal Operations**

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 5 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 6
6.1	O&M plan for Municipal Properties/Structures	Stormwater Committee & Highway Dept.	Prevent and or reduce pollutants runoff from municipal drainage	Procedures in place for yearly street sweeping, catch basin cleaning, fire water hole cleaning, stream and river head walls along our public roadways cleaned	Continue to street sweeping, catch basin cleaning, fire water hole cleaning, stream and river head walls along our public roadways cleaned
Revised					
6.2	Employee Training	Stormwater Committee and Highway Dept.	Train all Highway and BOH employees on municipal procedures	Our Stormwater Committee is made up of members of conservation, Planning, BOH and Highway ECT. These members are to bring their experience back to their boards	To expand to have a few training days or workshops through out the year, to expand on Good Housekeeping procedures
Revised					

**6a. Additions**


7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) <<if applicable>>

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 5 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 6
Revised					
Revised					
Revised					
Revised					
Revised					
Revised					

7a. Additions


7b. WLA Assessment

**Part IV. Summary of Information Collected and Analyzed**

Highway Department has installed rip rap areas and grass swales to clean all stormwater before it reaches any resource areas on route 118 in town. Conservation Commission has been steadfast on all projects that require stormwater management that all standards are being met before a project is signed off on within their jurisdiction. The Planning Board has also held their applicants to the same standards.

**Part V. Program Outputs & Accomplishments (OPTIONAL)**

(Since beginning of permit coverage unless specified otherwise by a \*\*, which indicates response is for period covering April 1, 2006 through March 31, 2007)

**Programmatic**

	(Preferred Units)	Response
Stormwater management position created/staffed	(y/n)	yes
Annual program budget/expenditures **	(\$)	\$7,600.00 **
Total program expenditures since beginning of permit coverage	(\$)	\$10,000.00 **
Funding mechanism(s) (General Fund, Enterprise, Utility, etc)		\$8,600.00 **

**Education, Involvement, and Training**

Estimated number of property owners reached by education program(s)	(# or %)	100% **
Stormwater management committee established	(y/n)	Yes
Stream teams established or supported	(# or y/n)	no
Shoreline clean-up participation or quantity of shoreline miles cleaned **	(y/n or mi.)	YES **
Shoreline cleaned since beginning of permit coverage	(mi.)	3 miles **
Household Hazardous Waste Collection Days		
▪ days sponsored **	(#)	20
▪ community participation **	(# or %)	35%
▪ material collected **	(tons or gal)	3500 gal
School curricula implemented	(y/n)	Yes **

## Legal/Regulatory

Regulatory Mechanism Status (indicate with "X")	In Place Prior to Phase II	Reviewing Existing Authorities	Drafted	Draft in Review	Adopted
▪ Illicit Discharge Detection & Elimination					X
▪ Erosion & Sediment Control	X				
▪ Post-Development Stormwater Management					X
Accompanying Regulation Status (indicate with "X")					
▪ Illicit Discharge Detection & Elimination					X
▪ Erosion & Sediment Control	X				
▪ Post-Development Stormwater Management					X

## Mapping and Illicit Discharges

	(Preferred Units)	Response
Outfall mapping complete	(%)	80% **
Estimated or actual number of outfalls	(#)	47 act. **
System-Wide mapping complete (complete storm sewer infrastructure)	(%)	100%
Mapping method(s)		
▪ Paper/Mylar	(%)	
▪ CADD	(%)	100%
▪ GIS	(%)	100%
Outfalls inspected/screened **	(# or %)	60% **
Outfalls inspected/screened (Since beginning of permit coverage)	(# or %)	60%
Illicit discharges identified **	(#)	55 **
Illicit discharges identified (Since beginning of permit coverage)	(#)	55
Illicit connections removed **	(#); and (est. gpd)	0
Illicit connections removed (Since beginning of permit coverage)	(#); and (est. gpd)	3
% of population on sewer	(%)	0%

% of population on septic systems	(%)	100%
<b>Construction</b>		
(Preferred Units) Response		
Number of construction starts (>1-acre) **	(#)	6 **
Estimated percentage of construction starts adequately regulated for erosion and sediment control **	(%)	100% **
Site inspections completed **	(# or %)	80% **
Tickets/Stop work orders issued **	(# or %)	1 **
Fines collected **	(# and \$)	In legations
Complaints/concerns received from public **	(#)	16 **
<b>Post-Development Stormwater Management</b>		
Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	50% **
Site inspections (for proper BMP installation & operation) completed **	(# or %)	6 **
BMP maintenance required through covenants, escrow, deed restrictions, etc.	(y/n)	yes
Low-impact development (LID) practices permitted and encouraged	(y/n)	yes
<b>Operations and Maintenance</b>		
Average frequency of catch basin cleaning (non-commercial/non-arterial streets) **	(times/yr)	1
Average frequency of catch basin cleaning (commercial/arterial or other critical streets) **	(times/yr)	1
Qty. of structures cleaned **	(#)	1,192
Qty. of storm drain cleaned **	(%, LF or mi.)	380' **
Qty. of screenings/debris removed from storm sewer infrastructure **	(lbs. or tons)	250 Ton
Disposal or use of screenings (landfill, POTW, compost, beneficial use, etc.) **	(location)	Highway Dept.

Basin Cleaning Costs			
• Annual budget/expenditure (labor & equipment)** (town owned)		(\$)	\$0
• Hourly or per basin contract rate ** (no contract – Hwy employee)		(\$/hr or \$ per basin)	\$0
• Disposal cost**		(\$)	0
Cleaning Equipment			
• Clam shell truck(s) owned/leased		(#)	1
• Vacuum truck(s) owned/leased		(#)	0
• Vacuum trucks specified in contracts		(y/n)	0
• % Structures cleaned with clam shells **		(%)	100%
• % Structures cleaned with vector **		(%)	0% **

	(Preferred Units)	Response
Average frequency of street sweeping (non-commercial/non-arterial streets) **	(times/yr)	2
Average frequency of street sweeping (commercial/arterial or other critical streets) **	(times/yr)	2
Qty. of sand/debris collected by sweeping **	(lbs. or tons)	1,000 tons
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.) **	(location)	Highway Dept.
Annual Sweeping Costs		
• Annual budget/expenditure (labor & equipment)**	(\$)	\$20,000
• Hourly or lane mile contract rate **	(\$/hr. or In mi.)	\$70.00 / hr
• Disposal cost**	(\$)	Highway
Sweeping Equipment		
• Rotary brush street sweepers owned/leased	(#)	1
• Vacuum street sweepers owned/leased	(#)	0
• Vacuum street sweepers specified in contracts	(y/n)	0
• % Roads swept with rotary brush sweepers **	%	100%
• % Roads swept with vacuum sweepers **	%	0

Reduction (since beginning of permit coverage) in application on public land of: ("N/A" = never used; "100%" = elimination)	
▪ Fertilizers	(lbs. or %) 300 lbs
▪ Herbicides	(lbs. or %) N/A
▪ Pesticides	(lbs. or %) N/A
Integrated Pest Management (IPM) Practices Implemented	(y/n) Yes

	(Preferred Units)	Response
Average Ratio of Anti-/De-Icing products used **  (also identify chemicals and ratios used in specific areas, e.g., water supply protection areas)	% NaCl % CaCl <sub>2</sub> % MgCl <sub>2</sub> % CMA % Kac % KCl % Sand % salt	N/A N/A N/A N/A N/A N/A 80% 20%
Pre-wetting techniques utilized **	(y/n or %)	no
Manual control spreaders used **	(y/n or %)	10 **
Zero-velocity spreaders used **	(y/n or %)	no
Estimated net reduction or increase in typical year salt/chemical application rate	(±lbs/in mi. or %)	10% - **
Estimated net reduction or increase in typical year sand application rate **	(±lbs/in mi. or %)	10% - **
% of salt/chemical pile(s) covered in storage shed(s)	(%)	100%
Storage shed(s) in design or under construction	(y/n or #)	no
100% of salt/chemical pile(s) covered in storage shed(s) by May 2008	(y/n)	100%

**Water Supply Protection**

	# Or y/n	no
Storm water outfalls to public water supplies eliminated or relocated	# or y/n	Yes
<ul style="list-style-type: none"> <li>• Treatment units induce infiltration within 500-feet of a wellhead protection area</li> </ul>	# or y/n	No



Application Date: \_\_\_\_\_  
Application Fee Paid: \_\_\_\_\_  
Date Paid: \_\_\_\_\_  
Inspection Fee Paid: \_\_\_\_\_  
Date Paid: \_\_\_\_\_  
Permit No: \_\_\_\_\_

FOR OFFICE USE ONLY

## Town of Rehoboth Stormwater Permit Application

Return this application to:  
Stormwater Committee  
148 Peck Street  
Rehoboth, MA 02769

### SINGLE FAMILY RESIDENCE

Storm Water Permit Application / Inspection Fees		
Area of Disturbance	Application Fees	Inspection Fees
1-5 Acres	\$100	\$50 one time fee

#### Project / Site information

Site Address: \_\_\_\_\_

Map(s): \_\_\_\_\_ Lot(s): \_\_\_\_\_

Number of Acres to be disturbed: \_\_\_\_\_

Is there an existing larger project this site is now a part of?  Yes  No

If yes, name of larger project: \_\_\_\_\_

#### **EXISTING SITE DESCRIPTION:**

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**Owner Information**

Property Owner Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Phone # (\_\_\_\_) - \_\_\_\_\_

**Project Description of work proposed with any supporting documentation or plans.**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Appeal Process**

The decisions or orders off the Highway Superintendent, or Stormwater Officer may be appealed to the Stormwater Management Committee. The decisions or order of the Committee shall be final. Further relief shall be a court competent jurisdiction.

**Entry to the site:**

Filing an application for a permit grants the Administrating Authority and its employees or agent's permission to enter the site to verify the information in the application and to inspect for compliance with permit conditions.

Other Boards: The Administering Authority shall give one copy of the application package to the Planning Board, The Conservation Commission, The Board of health, the Building Department and the Highway Department.

**Public Hearing:**

The Administering Authority shall hold a public hearing within twenty-one (21) days of the receipt of a complete application and shall take final action within twenty-one (21) days from the close of the hearing unless such time is extended by agreement between the applicant and the Administrating Authority. Notice of the public hearing shall be given by publication in a local paper of general circulation, by posting and by first-class mailing to abutters at least seven (7) days prior to the hearing.

**Project Changes:**

The permittee must notify the administrating Authority in writing of any changes or alterations of a land-disturbance activity authorized in the Permit Before any changes or alterations occurs. If the Administrating Authority determines that the change or alteration is significant, based on the design requirements listed in Section 7 of the Stormwater by-law and accepted construction practices, the Administrating Authority may require that an amended application be filed and a public hearing held.



**Owner Certification:**

**I under penalty of the 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 gathered and evaluated the information submitted. Based on my inquiry of the person(s) who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.**

X \_\_\_\_\_  
Applicant's Signature Date

X \_\_\_\_\_  
Owner's Signature Date

**Contractors and subcontractors Certification:**

**I certify under penalty of law that I understand the terms and conditions of the Stormwater Drain Permit that authorizes storm water discharge associated with industrial activity from the construction site identified as part of this certification.**

X \_\_\_\_\_  
Contractor's Signature Date

X \_\_\_\_\_  
Subcontractor's Signature Date





## STORMWATER PERMIT

Permit Number: \_\_\_\_\_ Property Owner: \_\_\_\_\_

Project Location: \_\_\_\_\_ Map: \_\_\_\_\_ Lot: \_\_\_\_\_

Project Description: \_\_\_\_\_

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Approved

Denied

Conditions: \_\_\_\_\_

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Reason(s) for Denial: \_\_\_\_\_

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**Signed:**

\_\_\_\_\_  
Stormwater Officer / Highway Superintendent





## STORMWATER PERMIT

Permit Number: \_\_\_\_\_ Property Owner: \_\_\_\_\_

Project Location: \_\_\_\_\_ Map: \_\_\_\_\_ Lot: \_\_\_\_\_

### RECORDING INFORMATION

The applicant is responsible for ensuring that this Stormwater Permit is recorded in the Registry of Deeds or the Land Court for the district in which the land is located.

Detach on the dotted line and submit to the Rehoboth Stormwater Committee.

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**To:** Rehoboth Stormwater committee

Please be advised that the Stormwater Permit for the project at

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Project Location

Permit Number

Has been recorded at the registry of Deeds of:

Bristol County Registry of Deeds

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County

**For:**

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Property Owner

And has been noted in the chain of title of the affected property on:

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Date

Book

Page

If recorded land the instrument number which identifies this transaction is:

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Instrument number

If registered land the document number which identifies this transaction is:

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Document Number

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Signature of Applicant

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Application Date: \_\_\_\_\_  
 Application Fee Paid: \_\_\_\_\_  
 Date Paid: \_\_\_\_\_  
 Inspection Fee Paid: \_\_\_\_\_  
 Date Paid: \_\_\_\_\_  
 Permit No: \_\_\_\_\_

## Town of Rehoboth Stormwater Permit Application

Return this application to:  
 Stormwater Committee  
 148 Peck Street  
 Rehoboth, MA 02769

### COMMERCIAL / SUBDIVISION

Storm Water Permit Application / Inspection Fees		
Area of Disturbance *	Application Fees	Inspection Fees
1-5 Acres	\$200	\$100
5-10 Acres	\$300	\$200
10-15 Acres	\$400	\$300
15-20 Acres	\$500	\$400

After 20 acres of disturbance for each 5 acres disturbed or a percentage there of add \$100.00 to each fee \$500.00 for inspection fees.

\* if the area of the parcel(s) and area of project disturbance differ such that the area of disturbance will be in a lower fee category, the applicant may submit a certified statement by the project designer, a P. E. or Licensed land surveyor, of the project's area of disturbance

### Project / Site information

Site Address: \_\_\_\_\_

Map(s): \_\_\_\_\_ Lot(s): \_\_\_\_\_

Number of Acres to be disturbed: \_\_\_\_\_

Is there an existing larger project this site is now a part of?     Yes     No

If yes, name of larger project: \_\_\_\_\_

### **EXISTING SITE DESCRIPTION:**

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**Builder / contractor Information**

Builder / Contractor Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Phone # (\_\_\_\_\_) - \_\_\_\_\_

**Engineer Information**

Engineer Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Phone # (\_\_\_\_\_) - \_\_\_\_\_

**Owner Information**

Property Owner Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Phone # (\_\_\_\_\_) - \_\_\_\_\_

**Project Description / Features**

Subdivision # of Lots: \_\_\_\_\_

New Commercial / Industrial Site Plan

Redevelopment Site Plan

Re-grading or Land Disturbance

Closed Drainage System

Other: \_\_\_\_\_

**Proposed Project Site includes the following features:**

Proposed Impervious Area Existing (Sq. Ft.) \_\_\_\_\_ Proposed (Sq. Ft.) \_\_\_\_\_

Detention Pond (s) # of \_\_\_\_\_

Sub-Surface Detention / Infiltration systems # of \_\_\_\_\_

Wetland Protection Act & River Protection Act / Conservation Commission Jurisdiction

No  Yes if yes DEP# \_\_\_\_\_

Flood Plain District  No  Yes if yes did you receive a Special Permit from the Zoning Board of Appeals \_\_\_\_\_

Ground Water Protection District  No  Yes if yes did you receive a Special Permit from the Planning Board \_\_\_\_\_



Final Approved: Plan date: \_\_\_\_\_ Revised Date: \_\_\_\_\_ Date Approved/ Denied \_\_\_\_\_

CONDITIONS OF PERMIT: \_\_\_\_\_

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**Stormwater Management Plan**

The Stormwater Permit Application must include submission of a **Stormwater Management Plan**. The purpose of the Stormwater Management Plan is to ensure that the runoff from a site has been treated for water quality and BMPs impacts during the construction of the project during the long term. This treatment includes, but is not limited to, erosion and sediment control to the extent practicable via structural and non-structural BMPs during construction and the establishment of structural BMPs for the long term controls.

See Rehoboth Stormwater By-Laws (General by-laws L-1 thru L-17) [www.town.rehoboth.ma.us](http://www.town.rehoboth.ma.us) and the Massachusetts Erosion and Sediment Control Guidelines for Urban and Suburban Areas prepared by the Massachusetts DEP <http://www.mass.gov/dep/water/esfull.pdf> for additional information and guidance.

**The following minimum information must be included within the Stormwater Management Plan.**

**Project Plan**

- A plan identifying the project site area (10 each)
- Plan must highlight the portion of the area to be disturbed

**Erosion & Sediment Control Measures – Pre, During and Post Construction**

- Written description of proposed BMPs
- A plan at and appropriate scale of those BMPs
- A description and schedule of maintenance of proposed BMPs
- Construction Details
- Reporting requirements of erosion and sediment controls
- On-site hazardous materials handling and storage
- Dust control BMPs
- Off-site sedimentation measures
- Plan and procedures



### **Stormwater Quality and Quantity Controls**

- Written description of proposed permanent BMPs
- A plan at a scale of not less than 1" = 40' of those BMPs
- Construction Details
- Computations in an acceptable format
- A description and schedule of long term maintenance of proposed BMPs
- Reporting requirements for maintenance and inspections as specified by the Stormwater by-law

○ A description of long term maintenance and inspection schedules shall be submitted for site development projects.

○ Construction Certificate Statement – A statement to be signed by the contractor and all relevant subcontractors shall be included, certifying that they have read and understand the construction phase requirements and agree to comply.

### **Operations and Maintenance Plan:**

An O & M Plan is required. The Maintenance plan shall be designed to ensure compliance with the permit, the Stormwater by-law and that the Massachusetts Surface Water Quality Standards, 314 CMR 4.00 are met in all seasons and throughout the life of the system. The O & M Plan should include the following:

- 1) The name(s) of the owner(s) for all components of the systems
- 2) The Signature(s) of the owner(s)
- 3) Maintenance agreements that specify:
  - a) The names and addresses of the person(s) responsible for operation and maintenance
  - b) The person(s) responsible for financing maintenance and emergency repairs
- 4) A maintenance Schedule for all drainage structures, including swales and ponds
- 5) Identification, purpose and recordable meet-and-bound descriptions of all stormwater management easements located on-site and/or off-site as necessary for:
  - a) Access for facility inspections and maintenance
  - b) Preservation of stormwater runoff conveyance, infiltration, and detention areas and facilities, including flood routes for the 100-year storm event
  - c) Direct maintenance access by heavy equipment to structures requiring regular cleanout

**All components of the Stormwater Management Plan shall be prepared and stamped by a Massachusetts Professional Engineer for all site plans, subdivisions or Commercial/Industrial greater than 1 acre.**

### **Appeal Process**

The decisions or orders of the Highway Superintendent, or Stormwater Officer may be appealed to the Stormwater Management Committee. The decisions or order of the Committee shall be final. Further relief shall be a court competent jurisdiction.

### **Entry to the site:**

Filing an application for a permit grants the Administering Authority and its employees or agent's permission to enter the site to verify the information in the application and to inspect for compliance with permit conditions.

Other Boards: The Administering Authority shall give one copy of the application package to the Planning Board, The Conservation Commission, The Board of Health, The Building Department and the Highway Department.



### **Public Hearing:**

The Administering Authority shall hold a public hearing within twenty-one (21) days of the receipt of a complete application and shall take final action within twenty-one (21) days from the close of the hearing unless such time is extended by agreement between the applicant and the Administering Authority. Notice of the public hearing shall be given by publication in a local paper of general circulation, by posting and by certified return receipt mailing to abutters at least 100 ft with a certified abutters list, at least seven (7) days prior to the hearing. The applicant is responsible for the Cost incurred by publication & certified mailing.

### **Project Changes:**

The permittee must notify the administering Authority in writing of any changes or alterations of a land-disturbance activity authorized in the permit before any changes or alterations occur. If the Administering Authority determines that the change or alteration is significant, based on the design requirements listed in Section 7 of the Stormwater by-law and accepted construction practices, the Administering Authority may require that an amended application be filed and a public hearing held.

### **Certification Statement**

**The owner or authorized representative and all contractors and subcontractors shall sign certification statements as part of the permit application and Stormwater Management Plan. In signing the plan, the authorized representative certified that the information is true and assumes liability for the plan. In addition, the undersigned agrees:**

1. To furnish any additional information relating to the installation of use of the storm drain for which this permit is sought as may be requested by the Highway Superintendent and or the Stormwater Officer.
2. To accept and abide by all the provisions of Section L-1 thru L-17 of the General By-laws of the Town of Rehoboth and of all other pertinent ordinance or regulations that may be adopted in the future.
3. To operate and maintain any storm drain and detention facilities, as may be required as a condition of the storm drainage permit in efficient manner at all times, and at no expense to the Town.
4. To cooperate at all times with the Highway Superintendent and or the Stormwater Officer and their representatives in their inspection of storm drains, and any maintenance thereof.
5. To notify the Highway Superintendent and or the Stormwater Officer in the event of any accident, negligence, or other occurrence that on occasions discharge to the storm drain of any wastes or process waters not covered by this permit or allowed by Section L-1 thru L-17 of the General by-laws of the Town of Rehoboth.
6. To indemnify the Town of Rehoboth from loss or damage that may directly or indirectly be occasioned by the installation of the storm drain and related facility or connection.
7. Upon completion of project provide an "as-built" plan to the Stormwater Committee.



**Owner Certification:**

**I under penalty of the 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 gathered and evaluated the information submitted. Based on my inquiry of the person(s) who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.**

X \_\_\_\_\_

Applicant's Signature

Date

X \_\_\_\_\_

Owner's Signature

Date

**Contractors and subcontractors Certification:**

**I certify under penalty of law that I understand the terms and conditions of the Stormwater Drain Permit that authorizes storm water discharge associated with any activity from the construction site identified as part of this certification.**

X \_\_\_\_\_

Contractor's Signature

Date

X \_\_\_\_\_

Subcontractor's Signature

Date





**Commercial / Industrial  
STORMWATER PERMIT APPROVAL**

Permit Number: \_\_\_\_\_ Project Name: \_\_\_\_\_

Property Owner: \_\_\_\_\_

Address \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone# (\_\_\_\_) - \_\_\_\_ - \_\_\_\_\_

Project Location: \_\_\_\_\_ Map: \_\_\_\_\_ Lot: \_\_\_\_\_

Project Description: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Conditions: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Signed: Stormwater Committee:**

\_\_\_\_\_  
Officer

\_\_\_\_\_  
Thomas Nicholson – Conservation Commission

\_\_\_\_\_  
Richard Pray Jr. - Agricultural Commission

\_\_\_\_\_  
Peter Richmond – Hwy Superintendent

\_\_\_\_\_  
Walter Munroe – Water Commission

\_\_\_\_\_  
Robert Ashton – Health Agent

\_\_\_\_\_  
Planning Board

\_\_\_\_\_  
Leeann Bradley – Planner/ Cons. Com. Agent





**Commercial / Industrial  
STORMWATER PERMIT DENIAL**

Permit Number: \_\_\_\_\_ Project Name: \_\_\_\_\_

Property Owner: \_\_\_\_\_

Address \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone# (\_\_\_\_) - \_\_\_\_ - \_\_\_\_\_

Project Location: \_\_\_\_\_ Map: \_\_\_\_\_ Lot: \_\_\_\_\_

Project Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Reason for Denial:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Signed: Stormwater Committee:**

\_\_\_\_\_  
Officer

\_\_\_\_\_  
Thomas Nicholson – Conservation Commission

\_\_\_\_\_  
Richard Pray Jr. - Agricultural Commission

\_\_\_\_\_  
Peter Richmond – Hwy Superintendent

\_\_\_\_\_  
Walter Munroe – Water Commission

\_\_\_\_\_  
Robert Ashton – Health Agent

\_\_\_\_\_  
Planning Board

\_\_\_\_\_  
Leeann Bradley – Planner/ Cons. Com. Agent





**Commercial / Industrial  
STORMWATER PERMIT APPROVAL**

Permit Number: \_\_\_\_\_ Project Name: \_\_\_\_\_

Property Owner: \_\_\_\_\_

Address: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone #: (\_\_\_\_) - \_\_\_\_ - \_\_\_\_\_

Project Location: \_\_\_\_\_ Map: \_\_\_\_\_ Lot: \_\_\_\_\_

**RECORDING INFORMATION**

The applicant is responsible for ensuring that this Stormwater Permit Approval is recorded in the Registry of Deeds or the Land Court for the district in which the land is located.

**Detach on the dotted line and submit to the Rehoboth Stormwater Committee.**

**To:** Rehoboth Stormwater committee

Please be advised that the Stormwater Permit for the project at:

Project Location

Permit File Number

Has been recorded at the registry of Deeds of:  
Bristol County Registry of Deeds

County

**For:**

Property Owner

And has been noted in the chain of title of the affected property on:

Date

Book

Page

If recorded land the instrument number which identifies this transaction is:

Instrument number

If registered land the document number which identifies this transaction is:

Document Number

Signature of Applicant



Rehoboth Building Department  
320 Anawan Street  
Rehoboth, Massachusetts  
508 252-3335

RECEIVED  
JAN 22 2009  
Conservation Commission

**NOTICE TO BUILDING CONTRACTORS**

As of 21 January 2009 all construction documents submitted in support of a building permit application for a major structure shall include a site plan showing all lot lines, existing and proposed building locations and all major improvements along with dimensions. The site plan shall show current land contours and proposed finish contours, which will specifically address all water run off from the locus. Particular emphasis is to provide protection to the public way and all abutters' property from run off generated or increased by new construction.

Said site plan with all drainage details is to be prepared and stamped by a certified Massachusetts design professional.

If in the opinion of the Inspector of Buildings this requirement is unnecessary to protect the interest of the Town or abutters, the Inspector of Buildings may waive such requirement in respect to the run off requirement.

Per directive of the Inspector of Buildings.

  
Michael J. O'Hern

CC: Board of Selectmen  
Highway  
Board of Health  
Planning Board  
Conservation  
Town Clerk











