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Municipality/Organization: Shrewsbury, Massachusetts

EPA NPDES Permit Number: MAR041158

MassDEP Transmittal Number: W-036325

Annual Report Number & Reporting Period: Year 8 April 1, 2010 – March 31, 2011

NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2011)

Part I. General Information

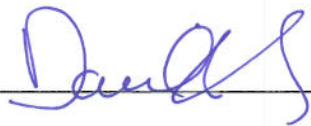
Contact Person: Jack Perreault Title: Town Engineer

Telephone #: (508) 841-8502 Email: jperreau@th.ci.shrewsbury.ma.us

Mailing Address: Richard D. Carney Municipal Office Building, 100 Maple Avenue,
Shrewsbury, MA 01545

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: 

Printed Name: Daniel Morgado

Title: Town Manager

Date: 4/27/2011

Part II. Self-Assessment

The Town has completed the required self-assessment and has determined that our municipality is in compliance with all permit conditions.

Current State of the Phase II Program in Shrewsbury:

The Town currently budgets \$5,000 per year for the Phase II Program. This cost does not include money for catch basin cleaning and street sweeping, which is currently budgeted separately with the Town Highway Department. It also does not include funds used for reviews, inspections, research, and reporting for compliance with the permit conditions. Those funds are part of the Engineering Department budget. Occasionally funds have been made available for the Phase II Program from other sources within town budget areas as well.

Town budgets as a whole have been greatly reduced in recent years, and the stormwater program has suffered due to the lack of available funding. Catch basin cleaning is one example in town. Just prior to the issuance of the Phase II Permit, the Town was cleaning 100% of the catch basins within public roadways annually. With each passing year there has been a steady decrease in the amount of catch basins the Town has been able to maintain. During Year One of the permit, the Town was able to clean 60% of the catch basins. By Year Six the Town cleaned 30% of the catch basins annually, and during the most recent Permit Year Eight, the Town was only able to clean 4% of the catch basins. While it's clear that an additional funding source is needed to simply maintain the status quo in town, the Town has also been reviewing the potential fiscal impact of the next Phase II Permit. It is apparent that the projected costs cannot be covered within the existing Town budget, and a new revenue source such as a stormwater utility fee will be needed. The Town is strongly considering creating a stormwater utility. A final course of action will be decided once the new permit is issued and the impacts are fully understood.

Part III. Summary of Minimum Control Measures

1. Public Education and Outreach

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|----------|-----------------|-------------------------------|--------------------|--|--------------------|
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |

1a. Additions

| 01 | Pamphlet Mailings | Water & Sewer | # Pamphlets Mailed | Two pamphlets mailed to approximately 11,000 subscribers of municipal water/sewer utilities. |
|----|-------------------|---------------|--------------------|--|
| | | | | |

2. Public Involvement and Participation

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|----------|-----------------------------|-------------------------------|--------------------|--|--------------------|
| Revised | Water Monitoring & Sampling | Health Dept. | Sample Data | Samples for E. Coli and Total Coliform bacteria were taken on a weekly basis during the bathing season in Lake Quinsigamond. | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |

2a. Additions

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3. Illicit Discharge Detection and Elimination

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|---------------|-----------------|-------------------------------|--------------------|---|--------------------|
| 06 Revised | Storm Sewer Map | Engineering Dept. | GIS Map | GIS Map under production to show additional drainage utility components, such as catch basins and manholes. | |
| 05 Revised | Local Ordinance | Engineering Dept. | Bylaw Adopted | Local Bylaw adopted at Annual Town Meeting in May 2007. | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |

3a. Additions

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|----|-------------------------------------|---------------------|--------------------------|---|----------------------|
| 14 | Grease Trap Inspection Program | Water & Sewer Dept. | # Grease Traps Inspected | Inspection of grease traps began in the fall of 2009. | Continue inspections |
| 15 | Outfall & Drainage Utility Sampling | Engineering Dept. | # Samples | 50 Samples at locations near and within Kings Brook were taken. | |

4. Construction Site Stormwater Runoff Control

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|---------------|-------------------------|-------------------------------|---------------------|--|--------------------|
| 05 Revised | Local Ordinance | Engineering Dept. | Bylaw Adopted | Local Bylaw adopted at Annual Town Meeting in May 2007. Continuing to discuss regulations to supplement bylaw. | |
| 08 Revised | Mass. Stormwater Policy | Engineering Dept. | # Projects Reviewed | 10 projects submitted to the Conservation Commission and/or Planning Board were reviewed. | |
| 09 Revised | Site Plan Reviews | Engineering Dept. | Bylaw Adopted | Local Bylaw adopted at Annual Town Meeting in May 2007. Continuing to discuss regulations to supplement bylaw. | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |

4a. Additions

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

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
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| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |

5a. Additions

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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 8 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|---------------|----------------------|-------------------------------|----------------------|--|--------------------|
| 10 Revised | Catch Basin Cleaning | Highway Dept. | Catch Basins Cleaned | Approximately 4% of all catch basins were cleaned. | |
| 12 Revised | Street Sweeping | Highway Dept. | Streets Swept | All public streets were swept. | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |

6a. Additions

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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 8 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
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| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |
| Revised | | | | | |

7a. Additions

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7b. WLA Assessment

During Year 9 – The Town is waiting for the new Phase II permit to be issued and will make plans at that time.