

**Municipality/Organization:** City of Leominster, MA

**EPA NPDES Permit Number:** MA0100617 MA041203

**MaDEP Transmittal Number:** W-041009

**Annual Report Number**

**& Reporting Period:** No. 1: March 07-March 08

## NPDES PII Small MS4 General Permit Annual Report

### Part I. General Information

Contact Person: Patrick LaPointe

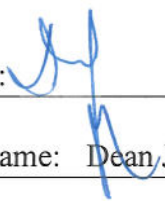
Title: Public Works Director

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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: 

Printed Name: Dean J. Mazzarella

Title: Mayor

Date: May 1, 2007

## Part II. Self-Assessment

The Leominster Department of Public Works has taken the lead in the implementation of a Stormwater Management Plan for our community. Our Committee was formed at a meeting held Tuesday, November 25, 2003. The committee consists of the Planning Director, Health Director, Recreation Director, Public Works Director and the Building Inspector and the city Environmental Inspector, who is a member of the Conservation Commission. Attendees included the Mayor and members of the City Council.

The DPW Engineering Department has completed the mapping of 450 actual outfalls onto Autocad. We have just completed a flyover in preparation for the implementation of a GIS system. We are now in the implementation phase of putting them into our GIS system to include water, sewer, drain and outfalls. As of 4-1-06, we are 95% complete.

Very little input has been realized from other members of the Stormwater Management Committee and this program will be headed by the DPW. However, partnering with our Environmental Inspector, we were able to submit a Stormwater Ordinance that was adopted by our City Council on March 28, 2005. Copy Enclosed.

We will continue to work with the Recreation Department on a Pet Waste Policy and installation of pet waste bag dispensers. Funding is an issue that has been overcome and we have installed signs for 3 parks. In May 2006 we will installed two Pet waste stations in Carter Park in downtown Leominster.

We have had a catch basin cleaning program in place for the past 5 years and are now able to compute the amount of material collected from catch basins on an annual basis. Our sweeping program initially began with some low -lying areas for sand removal and we now have a strategy for future years. The Public would prefer main streets be done first, so logistics are an issue. We have been able to accommodate both by using overtime and extra personnel qualified to run our sweepers.

We had one Eagle Scout candidate who completed one half of a catch basin stenciling program amounting to over 200 basins being stenciled by October 2004. The other candidate has not been heard from so the project was taken over by the Leominster Rotary Club with stenciled over 450 catch basins in September 2005.

In February 2006, we finished the installation of a new sewer line and new drain line in the DPW yard. We have separated our building floor drains, which now empty into the sewer line. A new gas/oil separator was included and we have installed Boston Hoods in all yard basins. As we repair catch basins in town, we are using BMP's on all as we proceed. We have even designed our own type of Boston Hood that has a threaded cap to provide for easy cleanout of clogged drain lines. In the last year, we have installed 39 such units in catch basins throughout the city. We have also partnered with our local Conservation Commission to produce a Storm Water Runoff Public Service Announcement that has run on Leominster Access Tele Vision since March 2, 2007 on two different cable channels. We are working with the Massachusetts Watershed Coalition on the Monoosnoc Brook Restoration Project. Project goals are to prevent pollution, reduce environmental risks, and restore the health of Leominster's central waterway.

In a time of limited budgets and staffing, we feel that we are doing the absolute best that we can do. We also feel that we are in complete compliance with all permit conditions to date.



## 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 1<br>(Reliance on non-municipal partners indicated, if any)                                                                  | Planned Activities – Permit Year 2                                                                                                                                                |
|----------|----------------------------------------------------|---------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.1      | Educational signage at high-use recreational areas | Recreation & Conservation       | Install signage at watershed trail areas and dog park, spring '04 | Signs have been installed at most trail heads. Pet Waste signs were installed at Barrett Park in spring/summer '03 Laurie Cormier Park and Doyle Field 5-16-05 | Install signs and establish formal pet waste policy spring/summer 2005.<br><br>Pet waste dispensers were placed at Carter Park, Hachey Park and Laurie Cormier Park, spring 2006. |
| Revised  |                                                    |                                 | Signs installed 5-05                                              |                                                                                                                                                                |                                                                                                                                                                                   |
| 1.2      | General Education Brochure                         | DPW Engineering                 | Develop & distribute mass mailing in water bills                  | Have received 300 brochures from EPA and will plagiarize them for use in a City of Leominster brochure                                                         | Distribute to all residents by November 2005                                                                                                                                      |
| Revised  |                                                    |                                 |                                                                   |                                                                                                                                                                |                                                                                                                                                                                   |
|          | Lawn care and pet waste brochure and survey.       | Recreation and Water Department | Sent lawn care brochures starting spring '03                      | Recreation Department working on a pet waste brochure for distribution spring '04.                                                                             | Draft Survey form for distribution in fall 2005.                                                                                                                                  |
| Revised  | <i>Healthy Lawn Workshop 3-30-05</i>               | DPW & DEP                       | Broadcast on local cable TV                                       |                                                                                                                                                                |                                                                                                                                                                                   |
| 1.3      | Stormwater Curriculum for grades 5 & 6             | Conservation & School Dept.     | Revised curriculum already in place.                              | Hold planning meeting in preparation for school year beginning Sept. 04<br>Revised to September 05.                                                            | Prepare revised curriculum for review by School Dept. and related staff.                                                                                                          |
| Revised  |                                                    |                                 |                                                                   |                                                                                                                                                                |                                                                                                                                                                                   |
|          | Storm Water Runoff Public Service Announcement     | Conservation & DPW              | Reach as many households as possible.                             | Partnered with ConCom to develop a PSA that has run on Leominster Access Tele Vision since March 2, 2007                                                       | Develop Construction Site PSA on Storm Water Management practices.                                                                                                                |
| Revised  |                                                    |                                 |                                                                   |                                                                                                                                                                |                                                                                                                                                                                   |
| Revised  |                                                    |                                 |                                                                   |                                                                                                                                                                |                                                                                                                                                                                   |

### 1a. Additions

|     |                             |              |                                                        |                                                           |                                                                      |
|-----|-----------------------------|--------------|--------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------|
| 1.8 | Develop Stormwater web site | Engineering  | Add Stormwater page to existing web site by Spring '05 | In Process April 2006 and will use existing city website. | Prepare and set up content and send to site coordinator, August 2006 |
|     | Use DEP Information         | ConCom & DPW | In Process                                             | In Process summer 2007                                    | August, 2007                                                         |

## 2. Public Involvement and Participation

| BMP ID #       | BMP Description                                                         | Responsible Dept./Person Name               | Measurable Goal(s)                                                               | Progress on Goal(s) – Permit Year 1<br>(Reliance on non-municipal partners indicated, if any)                                                                                         | Planned Activities – Permit Year 2                                                                                                      |
|----------------|-------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 2.1<br>Revised | Stormwater Advisory Committee                                           | Public Works & ConCom                       | Establish Committee by fall '03 etc.                                             | Established Committee 11-25-03, reviewed SWMP and solicited comments. Complete                                                                                                        | Developing ordinances related to SWMP for adoption in 2004. Adopted Ordinance 3-28-05                                                   |
| 2.2<br>Revised | Public Meetings on SWMP                                                 | SW Advisory Committee                       | Host annual public meetings each fall, beginning November 2005.                  | Met at the Doyle Conservation Center February 9, 2006 and attended a DEP Low Impact Development Conference. Planning Department hosted the same conference for local developers 3/06. | Host public meeting to discuss SWMP and solicit public comment for consideration yearly.                                                |
| 2.3<br>Revised | Shoreline Clean-ups<br><i>Partnership with Mosquito Control</i>         | Public Works & ConCom<br>DPW<br>P. LaPointe | Expand annual Monoosnoc Brook cleanup.<br>Remove trees along north side of brook | Met with Monoosnoc Greenway Group after August 2 <sup>nd</sup> cleanup to possibly expand to upstream of starting point. Canceled winter 2005, waiting to reschedule. Spring 2007     | Will do an additional ½ mile of brook cleanup in summer 2005.<br>Scouts completed 7-30-05.                                              |
| 2.4<br>Revised | Catch basin stenciling<br><i>Completed fall 2005</i>                    | Public Works                                | Stencil priority basins by Fall 2004.<br>Will inspect March 2007.                | Only 1 Scout completed ½ project. Leominster Rotary re-stenciled all 450 basins in September 2005.                                                                                    | Stencils have been secured and work will proceed in June 2007 if repainting is needed.                                                  |
| 2.5<br>Revised | HHW Collection Events<br><i>Electronics collection 4 events in 2006</i> | Public Works                                | Host annual HHW collection events. 4 per year                                    | Hosted Events scheduled March 25, June 24, August 26 & November 18, 2006. 2007 schedule March 31, June 30, August 25 & November 17.                                                   | Continue electronics collection in conjunction with HHW for 2007. Very successful with local company, East Coast Electronics Recycling. |
| 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 1<br>(Reliance on non-municipal partners indicated, if any) | Planned Activities – Permit Year 2                                             |
|----------------|-------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 3.1<br>Revised | Identify & map outfalls and receiving waters.<br><i>Complete by fall 2005</i> | Engineering                   | Map all outfalls in GIS by Spring '05                | Outfall mapping 95 complete. Have completed flyer for GIS and will be complete June 2006.     | Completed mapping and GIS integration June 2006.                               |
| 3.2<br>Revised | Screen outfalls for illicit connections                                       | Public Works                  | Screen all outfalls by Spring '05                    | In process and 450 outfalls have been identified and stenciled.                               | Continue screening and GIS.                                                    |
| 3.3<br>Revised | Draft Illicit connection bylaw<br><i>Adopted 3-28-05</i>                      | Engineering & ConCom          | Submit to City Council Spring '04<br>Adopted 3-28-05 | In Process                                                                                    | Complete and in ordinance form by fall 2004<br>Adopted by City Council 3-28-05 |
| 3.4<br>Revised | Revise Sewer and Drain Use Regulations<br><i>Complete</i>                     | Engineering                   | Revise and adopt with new Illicit bylaw              | In Process                                                                                    | Complete and in ordinance form by fall 2004<br>Adopted 3-28-05                 |
| Revised        |                                                                               |                               |                                                      |                                                                                               |                                                                                |
| Revised        |                                                                               |                               |                                                      |                                                                                               |                                                                                |

### 3a. Additions

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#### 4. Construction Site Stormwater Runoff Control

| BMP ID # | BMP Description                                               | Responsible Dept./Person Name    | Measurable Goal(s)                                                                                          | Progress on Goal(s) – Permit Year 1<br>(Reliance on non-municipal partners indicated, if any)                                                                               | Planned Activities – Permit Year 2                                                                                                                                  |
|----------|---------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.1      | Construction Site ESC Bylaw and regulations for sites >1-acre | ConCom, Public Works             | Reviews existing mechanisms for adequacy and completeness by Spring '05, etc.                               | Research existing ordinances and regulations and determined that more comprehensive revisions are needed, especially in Sewer Ordinances                                    | Drafting new ordinances to cover all phases of SWMP for fall 2004 or spring 2005.<br><br>Adopted 3/05                                                               |
| Revised  | <i>Bylaw adopted 3/05</i>                                     |                                  |                                                                                                             |                                                                                                                                                                             |                                                                                                                                                                     |
| 4.2      | Site Plan Review                                              | Planning, Building & Engineering | Incorporated into Development Review Board process with appropriate ordinance changes<br>In place fall 2004 | Met with all appropriate parties and supplied same with copy of SWMP. Jurisdiction for enforcement determined to be shared by Health Inspector and Environmental Inspector. | Institute new policy and inspection protocol. Weekly inspections of construction sites began September, 2005.                                                       |
| Revised  | <i>In Place fall 2004</i>                                     |                                  |                                                                                                             |                                                                                                                                                                             |                                                                                                                                                                     |
| 4.3      | Site inspections                                              | Building Dept. & ConCom          | Implement a new site inspection process for Spring '07                                                      | Started weekly inspections September 2005.                                                                                                                                  | Research conceptual inspection process with associated ordinance.                                                                                                   |
| Revised  | <i>In Process</i>                                             |                                  |                                                                                                             |                                                                                                                                                                             |                                                                                                                                                                     |
| 4.4      | Establish system to report non-compliant activities           | Building Dept. & ConCom          | Establish during 2004 construction season & use web site reporting.<br>Web-site being developed spring '05  | ConCom has taken the lead in doing on site inspections of construction sites during heavy rain events and every weekend during construction.                                | Post ConCom & Building reporting hotlines on city web site and include in monthly Neighborhoods section of local newspaper. Investigate web site reporting process. |
| Revised  | <i>In place through Conservation Comm.</i>                    |                                  |                                                                                                             |                                                                                                                                                                             |                                                                                                                                                                     |
| Revised  |                                                               |                                  |                                                                                                             |                                                                                                                                                                             |                                                                                                                                                                     |
| Revised  |                                                               |                                  |                                                                                                             |                                                                                                                                                                             |                                                                                                                                                                     |

#### 4a. Additions

## 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 1<br>(Reliance on non-municipal partners indicated, if any) | Planned Activities – Permit Year 2                                      |
|----------|-------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| 5.1      | Stormwater Mgmt. Ordinance and regulations for site .1-acre | Engineering & ConCom, City Council | Research and/or revise existing ordinances to comply with SWMP plan | Research complete and completion of ordinances in process                                     | Complete and submit ordinances to City Council for adoption summer 2004 |
| Revised  | Completed 12/04                                             | ConCom                             | Complete 12/04                                                      | Petition passed 1-10-05 and Ordinance adopted March 28, 2005.                                 | Adopted 3-28-05.                                                        |
| Revised  |                                                             |                                    |                                                                     |                                                                                               |                                                                         |
| 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 1<br>(Reliance on non-municipal partners indicated, if any)                                                                            | Planned Activities – Permit Year 2                                                                                                                                                             |
|----------------|----------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6.1<br>Revised | Employee Training                                                                | Public Works                     | Conduct stormwater training each winter                                                                         | Provide all day off site training to 2 full time engineering employees winter “03-“04 Completed.                                                                         | Conduct ½ day follow up training each winter, ongoing.<br>6 employees enrolled May, 2007.                                                                                                      |
| 6.2<br>Revised | Street Sweeping                                                                  | Public Works                     | Sweep all city streets annually by 6-30 and downtown areas once a week<br>Sweep outfalls while doing main roads | Completed annual sweeping program by 6-3-04 and will be complete by 5-20-06.<br><br>Developed plan fall 2005.                                                            | Continue ongoing annual street sweeping program in place since 1995. Purchase 1 replacement sweeper-on hold.<br>Swept outfall (lowlying) areas and downtown starting March 21, 2006.           |
| 6.3<br>Revised | Catch Basin Cleaning<br><i>first</i><br><i>Ongoing</i>                           | Public Works                     | Clean all basins once per year (3600)                                                                           | Continue to collect volume data from existing program.                                                                                                                   | Revise cleaning schedule to reach outfall areas early in program.<br>Developed program in fall 2005.                                                                                           |
| 6.4<br>Revised | O & M Schedule for town owned structural BMPs<br><i>Separated garage drains.</i> | Engineering                      | Implement program by Spring ‘05<br><br>Tie garage drains into sanitary sewer                                    | Inventoried DPW garage and designed new particle separator system.<br>Continue to inventory town owned BMPs. Installed oil/gas separator and separated DPW floor drains. | Complete construction of DPW separator system fall ‘05 and implement O & M Procedures.<br>Tie floor drains into sanitary sewer, Completed 2-14-06 new lines.                                   |
| 6.9<br>Revised | Vehicle Washing<br><i>Separated floor drains in February ‘06</i>                 | Public Works<br><br>Public Works | Establish a new washing policy<br>Tie into sanitary sewer                                                       | Design new drainage system with new separation technology.<br>Installed new sewer and drain lines with Boston Hoods in catch basins.                                     | Funding provided July 2005.<br>Installed new drain line completed February 06 . Tie floor drains into sewer. Install Boston Hoods in outfall catch basins 2006 as repairs are made 29 to date. |
| Revised        |                                                                                  |                                  |                                                                                                                 |                                                                                                                                                                          |                                                                                                                                                                                                |

## 6a. Additions

|    |                                           |              |                                              |                                                               |                                                         |
|----|-------------------------------------------|--------------|----------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------|
| 1. | Separate Combination Sewer/Drain manholes | Public Works | Separate when encountered                    | Separated 5 combination manholes in 2004.                     | Continue to separate as we find combination manholes    |
| 2. | Repair leaking sewer trunk line.          | Public Works | Replace leaking sewer trunk line-Granite St. | Eliminate leaking sewer line near Rockwell Pond in Leominster | Design in process for bid and construction summer 2005. |

**Identified 400 CSO's and separated 360 CSO's as of fall 2006. Plans are to separate additional 12-20 in 2007 and finish all 400 by summer 2008.**

**Completed 100% replacement of sewer trunk line along Rockwell Pond currently under moratorium with DEP as of November 18, 2005. Work resumed April 24, 2006 to install a final manhole and reline approximately 600 feet of sewer line. Second Phase, pipe-bursting, to commence on or about May 16, 2006. Pre-Construction meeting May 3, 2006 with contractor J. Coughler Inc. Construction to begin May 2006 and finish 3-4 weeks after start up. Pipe-bursting eliminated as an option due to discovery of ledge, open trench continued all summer and project finished, September 2006. Moratorium lifted by DEP, March 2007. Completed 70% replacement of the Industrial Road sewer trunk line from North Leominster to the WWTP. Final 30% scheduled to be replaced June, 2007.**

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 1 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Permit Year 2                                                                        |
|----------|--------------------------------------------|-------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 7.1      | Targeted education to septic system owners | Health Dept & Engineering     | Develop & distribute phosphorus reduction brochure    | Begin research and development of brochure to septic system owners in sensitive areas      | Distribute brochures to residents with septic system in watershed areas                                   |
| Revised  | Bring Sanitary sewer to 2 streets in 2007  | New England Development       | Finish in 2007                                        | Install sanitary sewer as part of Wal-Mart/ Lowes project.                                 | Bring sanitary sewer as part of Brooks Pond housing project.                                              |
| 7.3      | Street Sweeping                            | Public Works                  | Increase sweeping to 3-4 times/yr. in watershed areas | Develop plan                                                                               | Continue present schedule and develop long- range plan to increase sweeping frequency in watershed areas. |
| Revised  | Summer/Fall 2007                           |                               | In Process 2007                                       | Sweep outfall areas early in sweeping program while doing main roads.                      |                                                                                                           |
| Revised  |                                            |                               |                                                       |                                                                                            |                                                                                                           |
| Revised  |                                            |                               |                                                       |                                                                                            |                                                                                                           |
| Revised  |                                            |                               |                                                       |                                                                                            |                                                                                                           |
| Revised  |                                            |                               |                                                       |                                                                                            |                                                                                                           |
| Revised  |                                            |                               |                                                       |                                                                                            |                                                                                                           |

7a. Additions

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**7b. WLA Assessment**

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

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

**Programmatic**

|                                                |          |             |
|------------------------------------------------|----------|-------------|
| Stormwater management position created/staffed | Yes      | Summer 2007 |
| Annual program budget/expenditures             | \$41,000 |             |
|                                                |          |             |
|                                                |          |             |

**Education, Involvement, and Training**

|                                                                         |              |            |
|-------------------------------------------------------------------------|--------------|------------|
| Estimated number of residents reached by education program(s)           | 80-90%       |            |
| Stormwater management committee established                             | Yes          | 11-25-03   |
| Stream teams established or supported                                   | Yes          | Spring '04 |
| Shoreline clean-up participation or quantity of shoreline miles cleaned | M-Brook      | 2.0 miles  |
| Household Hazardous Waste Collection Days                               |              |            |
| ▪ days sponsored                                                        | 4            |            |
| ▪ community participation                                               | 580          |            |
| ▪ material collected                                                    | See attached |            |
| School curricula implemented                                            | Yes          | Ongoing    |
|                                                                         |              |            |
|                                                                         |              |            |

## Legal/Regulatory

| Regulatory Mechanism Status (indicate with "X")    | In Place<br>Prior to<br>Phase II | Under<br>Review | Drafted | 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

|                                        |                    |  |
|----------------------------------------|--------------------|--|
| Outfall mapping complete               | 100%               |  |
| Estimated or actual number of outfalls | 450                |  |
| System-Wide mapping complete           | 100%               |  |
| Mapping method(s)                      |                    |  |
| ▪ Paper/Mylar                          |                    |  |
| ▪ CADD                                 | 100%               |  |
| ▪ GIS                                  | 100%               |  |
| Outfalls inspected/screened            | In Process         |  |
| Illicit discharges identified          | Two                |  |
| Illicit connections removed            | Two                |  |
|                                        | 1000 gpd estimated |  |
| % of population on sewer               | 86%                |  |
| % of population on septic systems      | 14%                |  |
|                                        |                    |  |

### Construction

|                                                                                                   |      |              |
|---------------------------------------------------------------------------------------------------|------|--------------|
| Number of construction starts (>1-acre)                                                           | 20   |              |
| Estimated percentage of construction starts adequately regulated for erosion and sediment control | 100% |              |
| Site inspections completed                                                                        | 210  |              |
| Tickets/Stop work orders issued                                                                   | 0    | Corrected on |
| Fines collected                                                                                   | -0-  | Site.        |
| Complaints/concerns received from public                                                          | 25   |              |
|                                                                                                   |      |              |
|                                                                                                   |      |              |

### Post-Development Stormwater Management

|                                                                                                                          |         |  |
|--------------------------------------------------------------------------------------------------------------------------|---------|--|
| Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control | 100%    |  |
| Site inspections completed                                                                                               | 30      |  |
| Estimated volume of stormwater recharged                                                                                 | Unknown |  |
|                                                                                                                          |         |  |
|                                                                                                                          |         |  |

### Operations and Maintenance

|                                                                                                |              |  |
|------------------------------------------------------------------------------------------------|--------------|--|
| Average frequency of catch basin cleaning (non-commercial/non-arterial streets)                | Once per yr. |  |
| Average frequency of catch basin cleaning (commercial/arterial or other critical streets)      | Once per yr. |  |
| Total number of structures cleaned                                                             | 2896         |  |
| Storm drain cleaned                                                                            | 3-4 miles    |  |
| Qty. of screenings/debris removed from storm sewer infrastructure                              | 5323 c.y.    |  |
| Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.) | compost      |  |
| Cost of screenings disposal                                                                    | -0-          |  |
|                                                                                                |              |  |
|                                                                                                |              |  |

|                                                                                      |              |               |
|--------------------------------------------------------------------------------------|--------------|---------------|
| Average frequency of street sweeping (non-commercial/non-arterial streets)           | Once per yr. |               |
| Average frequency of street sweeping (commercial/arterial or other critical streets) | 2-3 per yr.  |               |
| Qty. of sand/debris collected by sweeping                                            | 3140 c.y.    |               |
| Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)                | compost      |               |
| Cost of sweepings disposal                                                           | -0-          |               |
| Vacuum street sweepers purchased/leased                                              | one          | Delivery 6/07 |
| Vacuum street sweepers specified in contracts                                        | yes          |               |
|                                                                                      |              |               |
|                                                                                      |              |               |

|                                                                                        |      |  |
|----------------------------------------------------------------------------------------|------|--|
| Reduction in application on public land of: ("N/A" = never used; "100%" = elimination) |      |  |
| ▪ Fertilizers (Using organic fertilizer on 20 acres of Cemetery land)                  | 100% |  |
| ▪ Herbicides                                                                           | 75%  |  |
| ▪ Pesticides                                                                           | N/A  |  |
|                                                                                        |      |  |
|                                                                                        |      |  |

|                                                          |                     |        |
|----------------------------------------------------------|---------------------|--------|
| Anti-/De-Icing products and ratios                       | % NaCl              | 30%    |
|                                                          | % CaCl <sub>2</sub> |        |
|                                                          | % MgCl <sub>2</sub> |        |
|                                                          | % CMA               |        |
|                                                          | % Kac               | 70%    |
|                                                          | % KCl               |        |
|                                                          | % Sand              |        |
|                                                          | yes                 |        |
| Pre-wetting techniques utilized                          |                     |        |
| Manual control spreaders used                            | yes                 |        |
| Automatic or Zero-velocity spreaders used                | no                  |        |
| Estimated net reduction in typical year salt application | 20%                 |        |
| Salt pile(s) covered in storage shed(s)                  | yes                 |        |
| Storage shed(s) in design or under construction          | Yes - sand          | In use |
|                                                          |                     |        |
|                                                          |                     |        |