

Municipality/Organization: Town of Mansfield

EPA NPDES Permit Number: MAR 041126

MassDEP Transmittal Number: W-039460

Annual Report Number & Reporting Period: Year 10
April 1, 2012 – March 31, 2013

**NPDES PII Small MS4 General Permit
Annual Report
(Due: May 1, 2013)**

Part I. General Information

Contact Person: Richard C. Alves, Jr., P.E. Title: Town Engineer/Ass't DPW Dir.

Telephone #: 508-261-7377 Email: ralves@mansfieldma.com

Mailing Address: Six Park Row Mansfield, MA. 02048

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:  William R. Ross, Acting Town Manager

Printed Name: William R. Ross

Title: Town Manager

Date: April 23, 2013

Part II. Self-Assessment

The Town of Mansfield has completed the required self-assessment, and has determined that our Municipality is in substantial compliance with all permit requirements.

Mansfield drainage system has been installed and continuously upgrade throughout the years and can be reproduced as needed. The requirement of BMP's for erosion and sediment control on all projects continued during the 10th year.

The Mansfield D.P.W. uses CaCl₂ (a natural salt brine that is exothermic and hygroscopic) which has reduced the accumulation of sand within its catch basins. The CaCl₂ has the ability to release heat in a chemical reaction and attract moisture creating an effective anti-freeze that helps speed up the de-icing process).

The Mansfield D.P.W. also removed and replaced approximately 10 deep sump catch basins within the Towns drainage system which has helped eliminate TSS removal.

During this 10th year, we continued with the established programs and implemented our by-laws and regulations. We are utilizing our contacts with volunteer advisory groups to enlist their input and support for storm water improvement projects. Continued funding and improvements to the Towns drainage system will be required for the development of the next 5-year plan and hopes to continue with improvement of its storm water management program.

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 10 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|-----------------|--------------------------------------------------|--------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1-1 | Identify existing programs to be included in SMP | Engineering | Identify number of existing programs | Completed: See Report No. 1 | |
| 1-2 | Develop NPDES materials for homeowner education | Engineering | Materials Posted and distributed | Mansfield has increased our efforts in continuing to educate the public on subjects such as clean waters, water conservation, and storm water management issues via posters and handouts. | Mansfield will continue to use EPA, State, and local posters which are displayed and offered at town offices to keep the public aware of the need for good storm water management. |
| 1-3 | Distribute materials to identified programs | Engineering/ DPW | All identified programs receive materials | Completed: See Report No. 4. | |
| 1-4 | Implement Catch Basin Stenciling Program | DPW | Percentage of catch basins stenciled/ year | The Town uses the Highway Department to continue the installation of Almetek “No dumping” (fish symbol) 4” stainless, storm drain markers. We continue to investigate these permanent markers, damaged or missing logo’s, and replace on an as needed basis. | The Town will continue to investigate these permanent markers, damaged or missing logo’s, and replace on an as needed basis. Install these markers on roadways that we are doing full depth construction. |
| 1-5 | List of Department names on Website | Town Administrator | Communicate with residents | The Town has maintained an updated list of Department head names, contact numbers, and email addresses | Continue to maintain and update list as necessary, and add contact information for specific storm water issues. |

1a. Additions

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|

2. Public Involvement and Participation

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 10 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|----------|--------------------------------------------------|-------------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2-1 | Sponsor Hazardous Waste Collection Day | Health | Reduce illegal dumping of hazardous material | The Health Department host a hazardous waste collection every other year do to the minimum turn out. | The Health Department host a hazardous waste collection day every other year and is planned to have the next collection day next year. |
| 2-2 | Sponsor Recycle Center | DPW | Funding passed Recycle Center available | The Recycle Center/Compost Area is open Saturdays and Mondays for collections. The center is advertised on the Town and E-CALL website.. | |
| 2-3 | Identify existing volunteer environmental groups | Engineering | Number of groups identified | We worked with the Keep Mansfield Beautiful Committee on several projects | Continue to meet with the Keep Mansfield Beautiful Committee to beautify areas in the Town of Mansfield. |
| 2-4 | Stream Cleanup Day | Engineering/DPW | | Worked with Mansfield Scouts, Conservation, & D.P.W. on stream cleaning. We were successful in cleaning several rivers and streams. | Continue to work with Mansfield Scouts on Storm education and outreach efforts surrounding storm water pollution and prevention and help with the Comprehensive Blanket N.O.I. through Conservation |
| 2-5 | Implementation and Review | Engineering | Number of notices | Continued to perform field GPS to locate additional outfalls, and updated the information in the 2010 Annual Town Report concerning our progress and anticipated development of the next 5-Year Plan. Updated the Town website on the Storm water Phase II Program. | Update Town's website detailing the 10 th Year's Annual Report and the development of the 2 nd 5-year Storm water Plan. Awaiting EPA/DEP Guidelines. |

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 10 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|----------|-----------------------------------------------------|-------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 3-1 | Create GIS Base Map | Engineering/ MIS | Storm Water map created | Completed: See Report No.1. Supports many future activities. | Mansfield's GIS Map will be continually maintained and upgraded as new data becomes available from new subdivisions. |
| 3-2 | Inspect outfalls, catch basins, and manholes | Engineering/ DPW | Field data entered into GIS database | Completed. See Report No. 2. Inspected and incorporated storm water structure into the GIS database. | The Engineering Division will continue to update new outfalls installed and investigate assumed outfalls to determine exact location. |
| 3-3 | Draft by-law prohibiting discharges into system | Engineering/ Health | Present draft at Town Meeting for approval | Completed: See Report No. 4. Proposed by-law was accepted at the 5/23/06 session of the 4/11/06 Annual Town Meeting. | |
| 3-4 | Develop plan to identify non-storm water discharges | Engineering/ DPW | Implement plan in Permit Year 6 | Continued with plan to identify non-storm water discharges, including illegal dumping, by periodically reviewing the identified problem sites and cleaning the sites as necessary. No new illegal dumpsites identified. | Continue with plan implementation. |
| 3-5 | Dry weather screening (identify illicit discharges) | Engineering/ DPW | Percent of outfalls screened | Due to lack of funding and man power, the Town has halted additional efforts on verifying 9 outfalls which remain. Advised DPW that further investigation was needed to locate the remaining outfalls. The one outfall tested previously identified as flowing under dry weather screening is not considered an outfall in our discussion with Theima Murphy from EPA due to the collection of groundwater. | The Town will continue to make periodic visits to outfalls entering streams and rivers as part of its stream monitoring program. |

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 10 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|---------------------------|-----------------------------------------------------|----------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 4-1 | Review existing Planning Board Regulations | Engineering/ Planning/ ConCom | Complete review within one year | Completed: See Report No. 1 | |
| 4-2 | Present recommended changes to existing regulations | Engineering/ Planning/ ConCom | Changes on Public Hearing Agenda | Completed: See Report No. 4. Proposed Storm Water Management By-Law was accepted at the 5/23/06 session of the 4/11/06 Annual Town Meeting. | |
| Revised (In Report No. 2) | Comprehensive Storm-Water Management By-Law | | Revised By-Law for Town Meeting Warrant | | |
| 4-3 | Review Site Plan By-Laws vs. EPA model | Engineering/ Building/ ConCom | Site Plan By-Laws reviewed within one year | Completed: See Report No. 4. The Storm Water Management By-Law was accepted at the 5/23/06 session of the 4/11/06 Annual Town Meeting. | |
| Revised (In Report No. 2) | | | See 4-2 | | |
| 4-4 | Site Plan By-Law change | Engineering/ Building/ ConCom | Draft developed for presentation at Town Meeting (Year 6) | Completed: See Report No. 4. The Storm Water Management By-Law was accepted at the 5/23/06 session of the 4/11/06 Annual Town Meeting, and implemented. The Conservation Commission approved Regulations for a 'Land Disturbance Permit' application, and processed 3 permits to date. | Conservation Commission to continue with review of permit Application for Land Disturbance in accordance with the Stormwater Management By-Law. |
| Revised (In Report No. 2) | | | See 4-2 | | |
| 4-5 | Develop control measures at construction sites | Planning/ Building/ ConCom/Engineering | Site inspections conducted to assure compliance | The Conservation agent, Building Inspector, and Engineering Division inspect all construction sites as required to assure compliance with any permits. | Construction sites will continue to be inspected by the Conservation agent, Building Inspector, and Engineering Division or their representative. |

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 10 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|---------------------------------|-----------------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| 5-1 | Review existing by-laws, ordinances and regulations | Engineering | Review completed within one year | Completed: See Report No.1. | |
| 5-2 Revised (In Report No.2) | Draft changes to regulations for runoff controls | Engineering/ Planning | Draft changes developed See 4-2 | Completed: The Storm Water By-Law was accepted at the 5/23/06 session of the 4/11/06 Annual Town Meeting. | |
| 5-3 | Select appropriate BMP's to be used by planners | Engineering/ Planning | Incorporate BMP's into Planning Board Regulations | Completed: See Report No. 4. Post Construction run-off control was included in the Comprehensive Storm Water Management By-Law, accepted on 5/23/06 at the Annual Town Meeting. | |
| 5-4 Revised (In Report No.2) | Draft changes to by-laws for runoff control | Engineering/ Planning | Develop draft by-law and present at Town Meeting See 4-2 | Completed: The Storm Water By-Law was accepted at the 5/23/06 session of the 4/11/06 Annual Town Meeting. | Enforcement of State, EPA, and Local regulations will continue |
| 5-5 | Develop O&M manual for BMPs | Engineering/ DPW | Creation of O&M manual | The Engineering Division and the Conservation agent created a draft of a Comprehensive Blanket N.O.I for O&M procedures | Implement O&M procedures |
| 5-6 | Multi-Department Reviews | Planning and Building | Multi-Department reviews are conducted on all site plans and subdivision projects | The Conservation Commission, Planning Board, Building, Engineering, and Fire and Police Departments review all aspects of projects which affect their departments | All projects will continue to undergo multi-department reviews |

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 10 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|----------|----------------------------------------------------------|-------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 6-1 | Identify and map sensitive receptors within municipality | Engineering | Map created | Completed: See Report No. 1. Supports future activities. | |
| 6-2 | Review and modify current street sweeping program | DPW | Review and program modifications completed | Completed: See Report No. 4. | |
| 6-3 | Develop a CIP for equipment needs | DPW | Capital Improvements Program (CIP) created | Completed: See Report No. 4. | |
| 6-4 | Develop policies for snow removal and disposal | DPW | Inventory of possible disposal areas | Completed. See Report No. 2. Established a written policy for snow removal and disposal, with consideration given to environmental impacts. | |
| 6-5 | Conduct employee training for vehicle washing practices | DPW | Written policy for vehicle washing | Completed: A written policy for vehicle washing had previously been established. See Report No. 2. The new truck wash facility, in a new water treatment facility adjacent to the Highway Garage, became fully operational; and the written policy to support full operation of the new vehicle wash facility was finalized. | The DPW workforce will continue to practice and implement good housekeeping practices during their daily activities |
| 6-6 | Program for storm water system maintenance | DPW | Written Plan | Completed. See Report No. 2. Established a written policy and schedule for catch basin cleaning. Continue with approximate <u>1,091</u> catch basin cleaning and remove and replace structures as necessary to maintain 4' sumps along with jetting program for storm water drain lines, as funding and manpower allows. | Continue with catch basin cleaning and remove and replace structures as necessary to maintain 4' sumps with Full Depth Construction of Roadways |

| | | | | | |
|-----|------------------------------------------|-----|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 6-7 | Develop plan for illegal dumping control | DPW | Number of signs posted | Completed. Established a written inventory of significant (illegal) dumping sites, and posted 28 signs. In Year 3, prepared an Illicit Discharge By-Law within the proposed Comprehensive Storm water By-Law. The Storm water By-Law was accepted at the 5/23/06 Annual Town Meeting. | |
|-----|------------------------------------------|-----|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

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 10 (Reliance on non-municipal partners indicated, if any) | Planned Activities |
|----------|---------------------------------|-------------------------------|--------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 7-1 | Install new drainage structures | DPW | Eliminate TSS | The DPW replaced/installed over 10 substandard catch basins with new deep sump catch basins | Install deep sump catch basins as needed and incorporate new basins into existing roadway reconstruction projects as needed. |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

7a. Additions

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
| | | | | | |

7b. WLA Assessment

Part IV. Summary of Information Collected and Analyzed

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, 2010 through March 31, 2011)

Programmatic

| | (Preferred Units) | Response |
|---------------------------------------------------------------|-------------------|-------------|
| Stormwater management position created/staffed | (y/n) | |
| Annual program budget/expenditures ** | (\$) | |
| Total program expenditures since beginning of permit coverage | (\$) | \$1,200,000 |
| Funding mechanism(s) (General Fund, Enterprise, Utility, etc) | | Borrowed |

Education, Involvement, and Training

| | (# or %) | Response |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------|
| Estimated number of property owners reached by education program(s) | (# or %) | Unknown |
| Stormwater management committee established | (y/n) | N |
| Stream teams established or supported (Canoe River Aquifer Advisory Committee) | (# or y/n) | Y |
| Shoreline clean-up participation or quantity of shoreline miles cleaned ** | (y/n or mi.) | |
| Shoreline cleaned since beginning of permit coverage | (mi.) | |
| Household Hazardous Waste Collection Days | | |
| <ul style="list-style-type: none"> ▪ days sponsored ** ▪ community participation ** ▪ material collected ** | (# or %) | 1 Unknown Unknown |
| School curricula implemented | (tons or gal) (y/n) | Unknown N |

Legal/Regulatory

| | In Place Prior to Phase II | Reviewing Existing Authorities | Drafted | Draft in Review | Adopted |
|----------------------------------------------------|----------------------------------|--------------------------------------|---------|-----------------------|---------|
| Regulatory Mechanism Status (indicate with "X") | | | | | |
| ▪ 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 | (%) | 95% |
| Estimated or actual number of outfalls(waiting response from EPA) | (#) | 389 |
| System-Wide mapping complete (complete storm sewer infrastructure) | (%) | 95% |
| Mapping method(s) | | |
| ▪ Paper/Mylar | (%) | |
| ▪ CADD | (%) | |
| ▪ GIS | (%) | 100% |
| Outfalls inspected/screened ** | (# or %) | |
| Outfalls inspected/screened (Since beginning of permit coverage) | (# or %) | |
| Illicit discharges identified ** | (#) | |
| Illicit discharges identified (Since beginning of permit coverage) | (#) | |
| Illicit connections removed ** | (#); and (est. gpd) | |
| Illicit connections removed (Since beginning of permit coverage) | (#); and (est. gpd) | |
| % of population on sewer | (%) | |
| % of population on septic systems | (%) | |

Construction

| | (Preferred Units) | Response |
|------------------------------------------------------------------------------------------------------|-------------------|----------|
| Number of construction starts (>1-acre) ** | (#) | |
| Estimated percentage of construction starts adequately regulated for erosion and sediment control ** | (%) | 100% |
| Site inspections completed ** | (# or %) | 100% |
| Tickets/Stop work orders issued ** | (# or %) | 0 |
| Fines collected ** | (# and \$) | 0 |
| Complaints/concerns received from public ** | (#) | unknown |
| | | |
| | | |

Post-Development Stormwater Management

| | | |
|--------------------------------------------------------------------------------------------------------------------------|----------|--|
| Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control | (%) | |
| Site inspections (for proper BMP installation & operation) completed ** | (# or %) | |
| BMP maintenance required through covenants, escrow, deed restrictions, etc. | (y/n) | |
| Low-impact development (LID) practices permitted and encouraged | (y/n) | |
| | | |
| | | |

Operations and Maintenance

| | | |
|----------------------------------------------------------------------------------------------|----------------|--------------|
| Average frequency of catch basin cleaning (non-commercial/non-arterial streets) ** | (times/yr) | 2(as needed) |
| Average frequency of catch basin cleaning (commercial/arterial or other critical streets) ** | (times/yr) | 2(as needed) |
| Qty of structures cleaned ** | (#) | 50%/yr |
| Qty. of storm drain cleaned ** | (%, LF or mi.) | As needed |
| Qty. of screenings/debris removed from storm sewer infrastructure ** | (lbs. or tons) | unknown |
| Disposal or use of screenings (landfill, POTW, compost, beneficial use, etc.) ** | (location) | |

| | | |
|---------------------------------------------------|-------------------------|---------|
| Basin Cleaning Costs | | |
| • Annual budget/expenditure (labor & equipment)** | (\$) | |
| • Hourly or per basin contract rate ** | (\$/hr or \$ per basin) | |
| • Disposal cost** | (\$) | |
| Cleaning Equipment | | |
| • Clam shell truck(s) owned/leased | (#) | |
| • Vacuum truck(s) owned/leased | (#) | 1/owned |
| • Vacuum trucks specified in contracts | (y/n) | |
| • % Structures cleaned with clam shells ** | (%) | 38% |
| • % Structures cleaned with vacor ** | (%) | 12% |

| | (Preferred Units) | Response |
|-----------------------------------------------------------------------------------------|--------------------|-------------|
| Average frequency of street sweeping (non-commercial/non-arterial streets) ** | (times/yr) | Full Spring |
| Average frequency of street sweeping (commercial/arterial or other critical streets) ** | (times/yr) | |
| Qty. of sand/debris collected by sweeping ** | (lbs. or tons) | unknown |
| Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.) ** | (location) | |
| Annual Sweeping Costs | | |
| • Annual budget/expenditure (labor & equipment)** | (\$) | |
| • Hourly or lane mile contract rate ** | (\$/hr. or in mi.) | |
| • Disposal cost** | (\$) | |
| Sweeping Equipment | | |
| • Rotary brush street sweepers owned/leased | (#) | 2 |
| • 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 ** | % | N/A |

| | |
|----------------------------------------------------------------------------------|---------------|
| Reduction (since beginning of permit coverage) in application on public land of: | |
| • Fertilizers | (lbs. or %) 0 |

| | | |
|--------------------------------------------------------|-------------|---|
| ▪ Herbicides | (lbs. or %) | 0 |
| ▪ Pesticides | (lbs. or %) | 0 |
| Integrated Pest Management (IPM) Practices Implemented | (y/n) | N |
| | | |

| | (Preferred Units) | Response |
|--------------------------------------------------------------------------------------------------|---------------------|----------|
| Average Ratio of Anti-/De-Icing products used ** | % NaCl | 100% |
| (also identify chemicals and ratios used in specific areas, e.g., water supply protection areas) | % CaCl ₂ | Future |
| | % MgCl ₂ | Future |
| | % CMA | |
| | % Kac | |
| | % KCl | 0% |
| | % Sand | |
| Pre-wetting techniques utilized ** | (y/n or %) | |
| Manual control spreaders used ** | (y/n or %) | |
| Zero-velocity spreaders used ** | (y/n or %) | |
| Estimated net reduction or increase in typical year salt/chemical application rate | (±lbs/ln mi. or %) | |
| Estimated net reduction or increase in typical year sand application rate ** | (±lbs/ln mi. or %) | N/A |
| % of salt/chemical pile(s) covered in storage shed(s) | (%) | 100% |
| Storage shed(s) in design or under construction | (y/n or #) | |
| 100% of salt/chemical pile(s) covered in storage shed(s) by May 2008 | (y/n) | Y |
| | | |
| | | |

Water Supply Protection

| | |
|---------------------------------------------------------------------------------------------------|----------|
| Storm water outfalls to public water supplies eliminated or relocated | # or y/n |
| Installed or planned treatment BMPs for public drinking water supplies and their protection areas | # or y/n |
| • Treatment units induce infiltration within 500-feet of a wellhead protection area | # or y/n |