

**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
THE METROPOLITAN DISTRICT  
And  
CITY OF HARTFORD**

**1. Parties**

This Memorandum of Understanding (hereinafter referred to as "MOU") is made and entered into by and between The Metropolitan District ("MDC"), whose address is 555 Main Street, Hartford, and the City of Hartford ("COH"), whose address is 550 Main Street, Hartford. MDC and COH may be referred to collectively as the "Parties" or individually as a "Party" to this MOU.

**2. Purpose**

The purpose of this MOU is to establish the terms, conditions, and specific obligations under which the MDC and COH will comply with the Connecticut Department of Energy and Environmental Protection's ("DEEP") General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems ("MS4 General Permit") effective October 1, 2023, and future iterations of the MS4 General Permit.

The MS4 General Permit, issued pursuant to Connecticut General Statutes, Section 22a-430b, authorizes the discharge of stormwater and specific non-stormwater discharges from or associated with a MS4, provided the municipality or state or federal institution that initiates, creates, originates or maintains such discharge registers pursuant to the MS4 General Permit and complies with all permit requirements.

Since the MDC and COH each own and/or control portions of the MS4 in Hartford, the MDC and COH agree that the efforts of both parties are necessary to comply with the MS4 General Permit. Therefore, in accordance with Section 6(b)(3) of the MS4 General Permit,<sup>1</sup> MDC and COH agree to coordinate the development and implementation of their respective Stormwater Management Plans to address all the elements of the MS4 General Permit, and shall divide and undertake the responsibilities and Best Management Practices as further described in this MOU, to comply with the MS4 General Permit's requirements. MDC and COH agree to provide information related to the MS4 General Permit to the other as provided in this MOU and upon request in accordance with this MOU.

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<sup>1</sup> Section 6(b)(3) of the MS4 General Permit provides: "Where a portion of the separate storm sewer system within a municipality is owned or otherwise the responsibility of another municipality, institution or state or federal agency the entities shall coordinate the development and implementation of their respective Stormwater Management Plans to address all the elements of Section 6. A description of the respective responsibilities for these elements shall be included in the Stormwater Management Plan for each municipality."

### **3. Term of MOU**

This MOU is effective upon the date last signed and executed by the duly authorized representatives of the Parties to this MOU and the governing bodies of the parties' respective municipalities, and shall remain in full force and effect until: (1) registration under a MS4 General Permit is no longer required for the lawful operation of the Small MS4 in Hartford; or (2) termination of this MOU by the written consent of both Parties.

### **4. Allocation of Responsibilities under the MS4 General Permit**

The City of Hartford Stormwater Management Plan, dated April, 2017, as modified by the annual reports submitted in accordance with the MS4 General Permit since 2017 (the "SWMP"), shall initially serve as the baseline for the requirements necessary to comply with the currently-effective MS4 General Permit, until MDC and COH (collectively or separately) develop replacement or updated Stormwater Management Plan(s). MDC and COH shall, at least annually, coordinate to the extent necessary and practicable, to ensure that each of the requirements of the MS4 General Permit and SWMP (or their respective SWMPs) are achieved. MDC may submit its own stormwater management plan compliant with the MS4 General Permit.

Attachment A to this MOU, incorporated herein by reference, titled "Allocation of Permit Responsibilities", contains a description of the agreed-upon respective responsibilities between the MDC and COH, and are designed to facilitate the ongoing implementation of the SWMP and efficient performance of the Minimum Control Measures required under the MS4 General Permit. MDC and COH hereby agree to coordinate and implement the responsibilities assigned to each respective Party to the Maximum Extent Practicable, as required by the MS4 General Permit and related regulations. To the extent reasonably necessary, the Parties shall exchange such information and documents as are necessary for each to complete the tasks allocated to them in this MOU and Attachment A. Further, MDC and COH each acknowledge that a failure of one Party to perform its requirement(s) under the MOU or the MS4 General Permit may result in enforcement actions or liabilities to one or both Parties. Therefore, the Parties shall communicate with each other if a requirement under the MS4 General Permit is unlikely, or unable, to be performed as agreed under this MOU and may request that the other Party assist with, or take over, the requirement, at a cost to be negotiated in good faith between the parties. If the requested Party is unable to assist with, or take over, the requirement, the requesting Party shall coordinate, as necessary, to ensure that the requirement is met to the Maximum Extent Practicable, as required by the MS4 General Permit and related regulations.

MDC and COH acknowledge that should revisions to the SWMP (or their respective SWMPs) be necessary or agreed upon at any point, the MDC and COH may endeavor to incorporate the agreed upon Allocation of Permit Responsibilities found in Attachment A into a revised SWMP (or their respective SWMPs). Further, the Parties may revise any such allocation of permit responsibilities as necessary, upon agreement of both parties, in

furtherance of the purpose of complying with the MS4 General Permit and changes in laws and/or regulations specifically referenced herein.

## **5. Dispute Resolution**

Neither Party shall have the right to commence any claim arising out of or relating to this MOU against the other Party, except: (1) to enforce a responsibility assigned to any Party pursuant to this MOU; (2) to seek reimbursement for costs associated with assuming the responsibilities of the other Party under this MOU or the MS4 General Permit; or (3) to seek reimbursement for any fine or penalty resulting from the failure of the other Party to fulfill its obligations under this MOU or MS4 General Permit. Neither Party shall be liable to the other for damages in excess of the (1) costs associated with assuming the responsibilities of the other Party, or (2) fine or penalty resulting from the failure of the other Party to fulfill its obligations under this MOU or MS4 General Permit.

Each Party shall be responsible for their own legal fees in any claim between the Parties arising out of or relating to this MOU, and in any action by a government entity or third party related to the MS4 General Permit. To the extent that a fine, penalty, or other order assigned to one Party results from any such action by a government entity or third party, the noncompliant Party shall be responsible for the payment/performance of the fine, penalty, or other order based upon its share of the liability, as apportioned by a court of law or agency, with due consideration of the allocation of responsibilities contained in Attachment A to this MOU.

Each Party expressly disclaims and covenants not to seek consequential damages of any kind against the other Party.

If a dispute arises between the Parties regarding this MOU, the Parties agree to first attempt to resolve the dispute through mediation administered by the American Arbitration Association ("AAA") in accordance with its Commercial Mediation Rules, or another comparable mediation procedure chosen by mutual agreement of the Parties. Both Parties shall participate in good faith in the mediation process. If the dispute remains unresolved after mediation, the Parties may then pursue other available remedies.

## **6. General Provisions**

### **A. Amendments**

Either Party may request changes to this MOU. Any changes, modifications, revisions or amendments to this MOU which are mutually agreed upon by and between the parties to this MOU shall be incorporated by written instrument, and effective when executed and signed by all parties to this MOU.

### **B. Entirety of Agreement**

This MOU represents the entire and integrated agreement between the MDC and COH and supersedes all prior negotiations, representations and agreements, whether written or oral.

**C. Severability**

Should any portion of this MOU be judicially determined to be illegal or unenforceable, the remainder of the MOU shall continue in full force and effect, and the Parties may renegotiate the terms affected by the severance.

**D. Governmental Immunity**

With the exception of the actions discussed in Section 5 of this MOU, the MDC and the COH and their respective governing bodies do not waive their governmental immunity by entering into this MOU, and each fully retains all immunities and defenses provided by law with respect to any action based on or occurring as a result of this MOU.

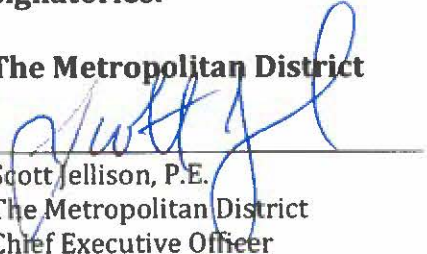
**7. Signatures**

In witness whereof, the parties to this MOU through their duly authorized representatives have executed this MOU on the days and dates set out below, and certify that they have read, understood, and agreed to the terms and conditions of this MOU as set forth herein.

The effective date of this MOU is the date of the signature last affixed to this page.

**Signatories:**

**The Metropolitan District**

  
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Scott Mellison, P.E.  
The Metropolitan District  
Chief Executive Officer

1/14/25  
Date

**The City of Hartford**

  
\_\_\_\_\_  
Arunan Arulampalam  
City of Hartford  
Mayor

1/14/25  
Date

**Approved as to legality and form**

  
\_\_\_\_\_  
Corporation Counsel

**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
THE METROPOLITAN DISTRICT  
And  
CITY OF HARTFORD**

**ATTACHMENT A:  
ALLOCATION OF PERMIT RESPONSIBILITIES**

A description of the respective responsibilities between MDC and COH (jointly the “Parties” or severally a “Party”) are provided in the following Best Management Practices (BMP) tables. Each Party is responsible for the costs and expenses associated with the specific obligations assigned to it.

The COH and The MDC shall form a Joint MS4 Committee (the “Joint MS4 Committee”) composed of the Chief Operating Officer (the “COO”) and the Director of Engineering from the MDC and the Director of Public Works and the City Engineer from the COH, or their respective designees. The Joint MS4 Committee shall coordinate as necessary, but at least annually, to oversee that each of the control measures in this Attachment A are achieved to the extent reasonably possible, to review the requirements of all Control Measures, to identify problems, and to recommend solutions as appropriate to the Mayor of the COH and the CEO of the MDC

<b>BMP #</b>	<b>BMP Description / Commitments</b>
<b>1</b>	<b>Control Measure 1: Public Education and Outreach</b> According to the Connecticut Department of Energy & Environmental Protection (DEEP) MS4 General Permit, the goals of this minimum control measure are to: (1) Raise awareness that polluted Stormwater runoff is the most significant source of water quality problems. (2) Motivate residents to use BMPs which reduce polluted Stormwater runoff; and (3) Reduce polluted Stormwater runoff as a result of increased awareness and utilization of BMPs.
<b>1-1</b>	<b>Implement Public Education and Outreach</b> Implement a public education program to distribute educational materials to the community to achieve the goals of this control measure. <ul style="list-style-type: none"><li>• COH shall take the lead in developing a public education program and outreach messaging as required to comply with BMP 1-1, with input from MDC as necessary.</li><li>• COH will maintain the Hartford Public Works webpage, or equivalent other public-facing webpage, that will provide information on the stormwater management efforts in Hartford, tips on preventative measures for residents, and include links to additional resources.</li><li>• MDC will maintain a Stormwater Management webpage that provides information on the stormwater management efforts being made by MDC and COH in Hartford, tips on preventative measures for residents, and additional resource links. The information provided shall generally follow the public education and outreach messaging developed by COH. MDC may develop its own messaging so long as it does not conflict with the purpose of the MS4 Permit.</li></ul>

	<ul style="list-style-type: none"> <li>COH and MDC shall coordinate periodically, but not less often than three times annually, and the COH shall post on social media educational information discussing stormwater management issues as required by the SWMP.</li> </ul>
1-2	<p><b>Address education/ outreach for pollutants of concern</b></p> <p>Implement additional measures for discharges to waters associated with the following Stormwater Pollutants of Concern: Phosphorus, Nitrogen, Bacteria, and Mercury. Educational materials will be developed as needed to specifically tailor and target education on the sources, impacts, and available pollution reduction practices for the Stormwater Pollutant of Concern in accordance with Section 6(a)(1)(C) of the MS4 General Permit.</p> <ul style="list-style-type: none"> <li>COH shall take the lead in developing public education and outreach messaging for pollutants of concern as required to comply with BMP 1-2 with input from MDC as necessary.</li> <li>The MDC and COH shall coordinate in accordance with BMP 1-1 to post at least one post for social media addressing applicable Stormwater Pollutants of Concern and their sources, impacts, and available pollution reduction practices.</li> <li>COH will maintain on its webpage information related to Stormwater Pollutants of Concern.</li> <li>MDC will maintain on its webpage information related to Stormwater Pollutants of Concern.</li> </ul>

BMP #	BMP Description / Commitments
2	<p><b>Control Measure 2: Public Participation and Involvement</b></p> <p>Control Measure 2 requires opportunities be provided to engage the community to participate in the review and implementation of the COH SWMP. According to the MS4 General Permit, the goal of this minimum control measure is to involve the community in both the planning and implementation process of improving Stormwater quality.</p>
2-1	<p><b>Comply with public notice requirements for the SWMP and Annual Reports</b></p> <p>Publish a public notice to inform the public of the SWMP and the Annual Report required by Section 6(j) of the MS4 General Permit and to solicit comments on the SWMP and Annual Report.</p> <ul style="list-style-type: none"> <li>COH shall be responsible to ensure all public notices are posted by the required deadlines and maintain a copy of the SWMP and Annual Report on its webpage.</li> <li>MDC shall provide COH with information based on the MDC responsibilities outlined in this MOU for the Annual Report at least 30 days prior to the date the Annual Report is required to be publicly available. MDC will also maintain a copy of the SWMP and Annual Report on its webpage or link to the COH webpage for each.</li> </ul>
2-2	<p><b>Stormwater Committee meetings</b></p> <ul style="list-style-type: none"> <li>The Joint MS4 Committee shall meet as often as useful, but at least once annually, to share information, coordinate activities, and monitor progress to track compliance with the MS4 General Permit, the SWMP, and this MOU. Either Party may request a meeting of the joint Stormwater Committee upon reasonable notice. Such meetings may be held either in person or virtually.</li> </ul>
2-3	<p><b>Sponsor community participation event (not fewer than one annually)</b></p> <p>The permittees will hold, or coordinate with a third Party to hold one community participation event per year. Information on improving water quality and stormwater impacts will be provided at the event(s).</p> <ul style="list-style-type: none"> <li>COH will hold, or coordinate with a third party to hold at least one community participation event per year and will be the point of contact for public outreach events held by the COH.</li> </ul>



	<ul style="list-style-type: none"> <li>• MDC will participate in COH's community participation event or hold its own annual community event or events.</li> <li>• MDC will continue to hold an annual MDC Household Hazardous Waste Collection Event in Hartford.</li> <li>• MDC will provide COH with information on the MDC event(s) outlined in this BMP for the Annual Report.</li> </ul>
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BMP#	BMP Description / Commitments
3	<p><b>Control Measure 3: Illicit Discharge Detection and Elimination</b></p> <p>Control Measure 3 requires the development of a written Illicit Discharge Detection and Elimination (IDDE) Program designed to: provide the legal authority to prohibit and eliminate illicit discharges to the MS4, find the sources of any illicit discharges, eliminate those illicit discharges, and ensure ongoing screening and tracking to prevent and/or eliminate future illicit discharges. The MS4 General Permit requires the IDDE Program be implemented within the urbanized area and those catchment areas of the permittees with either Directly Connected Impervious Area (DCIA) of greater than 11%, or which discharge to impaired waters.</p>
3-1	<p><b>Develop a written Illicit Discharge Detection and Elimination Program</b></p> <p>Develop a written IDDE Program.</p> <ul style="list-style-type: none"> <li>• COH has developed a written IDDE Program dated October 16, 2023, which was adopted by the City Council on December 11, 2023.</li> <li>• The COH IDDE Program provides an implementation timeline on activities required under this BMP.</li> <li>• The Parties shall implement the IDDE Program as follows: <ul style="list-style-type: none"> <li>○ MDC shall be responsible to develop and implement a written IDDE Program by December 31, 2025, and MDC shall implement its IDDE Program throughout the portions of the of the "below-the-grate" MS4 infrastructure owned or controlled by the MDC.</li> <li>○ COH shall be responsible to implement its written IDDE Program throughout the portions of the "below-the-grate" MS4 infrastructure owned or controlled by the COH.</li> <li>○ COH and MDC shall implement an IDDE Program throughout the portions of the "below-the-grate" MS4 infrastructure where ownership and control is unclear or yet to be determined. The Parties agree to work together by exchanging information, as needed, to determine an allocation of responsibility for implementing the IDDE program for the portions of the MS4 infrastructure where ownership or control is unclear or yet to be determined. Implementation of the IDDE program does not mean or imply ownership or control. If the Parties are unable to complete allocation or responsibility for ownership or control of the outfalls where ownership or control is unknown within one year from execution of the MOU, the Parties shall share the costs of implementation equally (50/50). Where ownership or control of certain portions of the MS4 infrastructure lies with third parties, the Parties shall work together to notify, and to the extent necessary, enter MOUs (or otherwise contract with), those third parties, to get them to take responsibility over those portions of the MS4 infrastructure.</li> <li>○ COH shall be responsible to implement its written IDDE Program on the portions of the MS4 that is "above-the-grate", including on the public streets, sidewalks, gutters, parking lots, open-air culverts, ditches, or streams which are subject to the MS4 Permit, except for on properties owned or controlled by the MDC.</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>○ MDC shall be responsible to develop and implement the IDDE Program on the portions of the MS4 that is “above-the-grate” on properties owned or controlled by the MDC.</li> <li>• The Parties further agree to coordinate their IDDE investigatory efforts according to the following procedure: <ul style="list-style-type: none"> <li>○ MDC shall perform the initial investigation of a suspected/reported illicit discharge within that portion of the MS4 where MDC is responsible.</li> <li>○ If MDC has determined, based upon the results of its investigation, that the illicit discharge is entering the MS4 from outside the portion of the MS4 where MDC is responsible, MDC shall notify the COH and shall pinpoint the area to the extent feasible where MDC believes the illicit discharge is entering the MS4 where MDC is responsible with the procedures outlined in the IDDE Program. MDC shall provide copies and descriptions of the data and methods followed in its investigation to COH.</li> <li>○ COH shall then be responsible for investigating each source of illicit discharge identified by MDC and the COH, as an enforceable legal authority, will eliminate the illicit discharges. If upon conducting its own investigation, COH disagrees with the determination of MDC as to the origin of the illicit discharge or is unable to locate the source of the illicit discharge, COH shall report its finding to the Joint MS4 Committee, which shall review available information and determine next steps.</li> </ul> </li> <li>• The Parties further agree to coordinate their IDDE enforcement efforts as follows: <ul style="list-style-type: none"> <li>○ MDC shall utilize available legal authority to identify, investigate and to the extent possibly eliminate discovered illicit discharges as required to comply with the IDDE Program and the MS4 Permit throughout the portions of the MS4 infrastructure owned or controlled by the MDC. COH shall, assist MDC as appropriate to utilize city legal authority and enforcement powers to eliminate illicit discharges throughout the portions of the MS4 infrastructure owned or controlled by the MDC.</li> <li>○ COH shall utilize its legal authority to eliminate discovered illicit discharges as required to comply with the IDDE Program and the MS4 Permit throughout the portions of the MS4 infrastructure owned or controlled by the COH. MDC shall assist COH where it is necessary to utilize MDC legal authority and enforcement powers to eliminate illicit discharges throughout the portions of the MS4 infrastructure owned or controlled by the COH.</li> </ul> </li> </ul> <p>If modifications to the Parties’ IDDE Programs are, or become, necessary for either Party to implement the IDDE Program as agreed in this MOU, the Parties shall cooperate to modify their respective IDDE Programs.</p>
3-2	<p><b>Develop a list and maps of all MS4 stormwater outfalls in urbanized and priority areas</b></p> <p>Develop a list (spreadsheet or database) and map or series of maps showing all stormwater discharges from municipally owned or operated pipe or conduit located within the MS4, and all interconnections with other MS4s pursuant to Section (6)(a)(3) and Appendix B of the MS4 General Permit. The Parties shall share equally (50/50) the cost of developing the spreadsheet or database and map for the first year of the program. If the map or list of stormwater discharges takes longer than one year to develop, the cost share to be paid by the COH will decrease to thirty percent (30%); if longer than two years, the COH share will decrease to ten percent (10%).</p> <ul style="list-style-type: none"> <li>• MDC and COH shall develop and maintain a list and map of all MS4 and related infrastructure in Hartford and all interconnections with other MS4 outfalls and related infrastructure in the COH.</li> </ul>



	<ul style="list-style-type: none"> <li>• MDC and COH will agree to a format for maintaining the list of MS4 outfalls and related infrastructure in Hartford. COH and MDC and the format of mapping data of the outfalls.</li> <li>• COH and MDC will be individually responsible for maintaining a list of interconnections with other MS4s and other stormwater systems that are connected to their respective MS4 infrastructure. COH and MDC shall provide updates to the Joint MS4 Committee of any changes to infrastructure belonging to them.</li> </ul>
3-3	<p><b>Develop a program for citizen reporting of illicit discharges</b></p> <p>As part of the Written IDDE Program (BMP #3-1) for citizen reporting of illicit discharges, affirmatively investigate and eliminate any illicit discharges reported provided such report incorporates at least a time and location of an observed discharge. All citizen reports and the responses to the reports shall be included in the Annual Report.</p> <ul style="list-style-type: none"> <li>• COH shall be the designated single point of contact for citizens reporting of illicit discharges. COH utilizes Hartford 311 for citizen reporting of illicit discharges.</li> <li>• MDC shall refer citizens to Hartford 311 to make such reports and shall include such information on its webpage. At its option, however, MDC may develop a system to directly receive citizen reports of illicit discharges. If MDC directly receives any citizen reports of illicit discharges, MDC will follow its IDDE Program procedures and report the findings to the COH for enforcement per the MOU. MDC will provide the citizen reporting information in the format determined by the COH for their tracking and the Annual Report.</li> <li>• Regardless of which Party receives a citizen's report of an illicit discharge, that receiving Party will notify the Party responsible for that portion of the MS4 where the illicit discharge is reported to be occurring, and that responsible Party will investigate the citizen's report in accordance with the IDDE Program and with procedure discussed in BMP 3-1.</li> </ul>
3-4	<p><b>Establish legal authority to prohibit illicit discharges</b></p> <p>Update the necessary and enforceable legal authority by statute, ordinance, rules and regulations, permit, easement, contract, order or any other means, to eliminate illicit discharges. The permittees will update the existing sewer ordinance and develop regulations addressing illicit discharges and incorporate into municipal code or a storm drain manual to establish the legal authority in accordance with Section 6(a)(3) and Section (A)(7)(a) of Appendix B of the MS4 General Permit.</p> <ul style="list-style-type: none"> <li>• COH will update its existing ordinances and develop regulations addressing illicit discharges and incorporate into municipal code or a storm drain manual to establish the legal authority in accordance with Section 6(a)(3) and Section (A)(7)(a) of Appendix B of the MS4 General Permit.</li> <li>• MDC will update its ordinances as necessary to comply with MS4 regulations, this MOU and Schedule A throughout the portions of the MS4 infrastructure owned or controlled by the MDC.</li> <li>• The Parties shall enforce the IDDE Program as described in BMP 3-1.</li> </ul>
3-5	<p><b>Develop record keeping system for IDDE tracking</b></p> <p>Maintain a record of illicit discharge abatement activities. The Permittees will create a record keeping system for IDDE tracking that will include, at a minimum: location (identified with an address or latitude and longitude), description, date(s) of inspection, sampling data (if applicable), action(s) taken, date of removal or repair and responsible Party(ies). This information will be included in the Annual Report.</p> <ul style="list-style-type: none"> <li>• MDC and COH will create and maintain a record keeping system (or separate systems) for IDDE tracking as necessary to comply with the BMP 3-5.</li> </ul>

	<ul style="list-style-type: none"> <li>In the event of separate record keeping systems, MDC shall share record keeping and tracking data related to illicit discharge abatement activities at least annually and COH will incorporate this information in the Annual Report.</li> </ul>
3-6	<p><b>Address IDDE in areas with pollutants of concern</b></p> <p>For waters for which Phosphorus, Nitrogen, or Bacteria is a Stormwater Pollutant of Concern, the IDDE program shall give highest priority in areas with the highest potential to discharge bacteria, phosphorus, and nitrogen to the MS4 in order to address septic system failures. Such areas shall be identified based on assessment of the following criteria: historic on-site sanitary system failures, proximity to bacteria impaired waters, low infiltrative soils, and shallow groundwater. The MS4 General Permit requires the following be included in the Annual Report: summary of the program, the number of areas identified with failing systems, actions taken by the permittee to respond to and address the failures, and the anticipated pollutant reduction.</p> <ul style="list-style-type: none"> <li>The SWMP gives highest priority in areas with the highest potential to discharge bacteria to the MS4 to address septic system failures. The Parties shall coordinate efforts to comply with this BMP 3-6 to address septic system failures, if required by the Department of Health and Human Services (HSS) Environmental Health Division, in accordance with the divisions of responsibilities discussed in BMP 3-1.</li> </ul>
3-7	<p><b>Develop and maintain an inventory identifying all known locations where Sanitary Sewer Overflows have discharged to the MS4 within the time period required by the Permit.</b></p> <p>The permittee will develop an inventory for all known locations where Sanitary Sewer Overflows (SSOs) have discharged to the MS4 within the last five years. This shall include SSOs resulting during dry or wet weather, from inadequate conveyance capacities, or where interconnectivity of the storm and sanitary sewer infrastructure allows for communication of flow between the systems.</p> <ul style="list-style-type: none"> <li>MDC shall be responsible for developing and maintaining an inventory of all known locations where SSOs have discharged to the MS4 as required by the MS4 Permit. MDC will share the inventory at least once a year to the COH for the Annual Report.</li> <li>MDC shall be responsible for compliance with DEEP or other legal requirements associated with SSO occurrences, including reporting requirements.</li> <li>COH shall share information provided by MDC related to SSOs on its webpage and direct the public to DEEP and MDC resources for further information on SSOs.</li> </ul>

BMP#	BMP Description / Commitments
4	<p><b>Control Measure 4: Construction Site Runoff Control</b></p> <p>Control Measure 4 requires implementation and enforcement of a program to control stormwater discharges to the MS4 associated with land disturbance or development (including re-development) activities from sites (as defined in the DEEP General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities) with one acre or more of soil disturbance, whether considered individually or collectively as part of a larger common plan.</p>
4-1a	<p><b>Implement, upgrade (as necessary) and enforce City land use regulations related to Construction Site Runoff Control</b></p> <ul style="list-style-type: none"> <li>COH shall, as necessary, implement, upgrade, and enforce its land use regulations and ordinances to meet the requirements of the MS4 General Permit and the SWMP related to Construction Site Runoff Control.</li> </ul>

	<ul style="list-style-type: none"> <li>MDC shall, as necessary, apply the COH's regulations and ordinances to meet the requirements of the MS4 General Permit and the SWMP related to Construction Site Runoff Control on MDC Construction Projects.</li> </ul>
4-1b	<p><b>Establish interagency or inter-jurisdictional agreements</b></p> <p>The COH and MDC shall establish interagency or inter-jurisdictional agreements (Memorandums of Understanding (MOUs)) to plan for the contribution of pollutants between the COH and MS4s owned and operated by others. Interconnected MS4 operators that have been identified potentially include the MDC, various state properties, and the Connecticut Department of Transportation (DOT).</p> <ul style="list-style-type: none"> <li>COH and MDC will update this MOU as necessary to comply with the MS4 General Permit and the SWMP.</li> <li>COH and MDC will separately consider and pursue MOUs with other Interconnected MS4 operators in cases where interconnection is to the MS4 infrastructure owned or controlled by one or the other, if the Party determines that the MOU would be advantageous to efficiently meeting the goals of the MS4 General Permit and the SWMP.</li> <li>The Joint MS4 Committee will consider MOUs with other Interconnected MS4 operators in cases where interconnection affects parts of the MS4 infrastructure owned or controlled by each COH and MDC, if the Parties each determine that the MOU would be advantageous to efficiently meeting the goals of the MS4 General Permit and the SWMP.</li> </ul>
4-2	<p><b>Develop and implement a plan outlining interdepartmental coordination of site plan review and approval</b></p> <ul style="list-style-type: none"> <li>COH shall be responsible for developing and implementing a plan outlining how all COH departments and boards with jurisdiction over the review, permitting, or approval of land disturbances and development projects within the MS4 will coordinate their functions with one another as provided in COH ordinances, COH Zoning Regulations, the MS4 Plan, state standards and regulations relating to stormwater management and drainage systems, and other applicable laws and regulations.</li> <li>COH and MDC will coordinate to develop an efficient procedure for connections to MDC MS4 infrastructure.</li> <li>COH will inform Land Use applicants to coordinate with the MDC regarding the design of any drainage system which connects to MDC drainage infrastructure.</li> <li>MDC will provide the COH with information at it relates to applicable State of Connecticut stormwater standards or regulations and provide information when requested by COH about any plans or projects related to infrastructure connections between COH and MDC.</li> </ul>
4-3	<p><b>Review site plans for stormwater quality concerns</b></p> <ul style="list-style-type: none"> <li>COH shall be responsible for conducting site plan reviews that incorporate consideration of stormwater controls or management practices to prevent or minimize impacts to water quality, as necessary to comply with the requirements of the SWMP and COH Ordinances.</li> <li>MDC shall, upon request from the COH, review site plans where there is a potential to increase the total flow to be received through MDC infrastructure.</li> </ul>
4-4	<p><b>Conduct Site Inspections</b></p> <ul style="list-style-type: none"> <li>COH shall be responsible for conducting site inspection(s) and enforcement if necessary to assess the adequacy of the installation, maintenance, operation, and repair of construction control measures and, where allowed post construction control measures.</li> <li>MDC may perform site inspection where there is a potential to increase the total flow to be received through the MS4 to MDC infrastructure.</li> </ul>
4-5	<p><b>Consideration of public input</b></p>

	<ul style="list-style-type: none"> <li>COH shall be responsible for implementing a procedure for receipt and consideration of information submitted by the public concerning proposed and ongoing land disturbance and development activities. Currently any project requiring approval by a land use agency or commission is presented at a public meeting. Projects not presented at a public meeting will be posted to the COH website and a contact name (with phone number, address, and email) to whom the public can send comments will be provided.</li> <li>MDC shall participate in public meetings upon request from the COH.</li> </ul>
4-6	<p><b>Notify construction site operators of the requirements for registration under "General Permit for the Discharge of Stormwater and Dewatering Wastewaters Associated with Construction Activities"</b></p> <ul style="list-style-type: none"> <li>COH shall be responsible for developing a procedure for notifying developers and contractors of their potential obligation to obtain authorization under the DEEP General Permit for the Discharge of Stormwater and Dewatering Wastewaters Associated with Construction Activities with a provision in the notification informing the developer/contractor of their obligation to provide a copy of the Stormwater Pollution Control Plan to the permittees upon request.</li> </ul>
4-7	<p><b>Document compliance with the Connecticut Anti-Degradation Implementation Policy in the Water Quality Standards for all new or increased discharges to High Quality Waters from the MS4</b></p> <ul style="list-style-type: none"> <li>COH and MDC shall coordinate as necessary to achieve BMP 4-7 under the SWMP.</li> </ul>
4-8	<p><b>Demonstrate no new or increased discharges to Impaired Waters from the MS4</b></p> <ul style="list-style-type: none"> <li>COH and MDC shall coordinate as necessary to achieve BMP 4-8 under the SWMP.</li> </ul>

BMP#	BMP Description / Commitments
5	<p><b>Control Measure 5: Post-construction Stormwater Management in New Development and Redevelopment</b></p> <p>Control Measure 5 requires a program to address stormwater runoff from new or redevelopment projects that disturb one or more acres of land.</p>
5-1	<p><b>Establish legal authority and guidelines regarding low impact development (LID) and runoff reduction in site development planning</b></p> <ul style="list-style-type: none"> <li>COH shall be responsible to establish requirements that a developer or contractor seeking the permittee's approval shall consider the use of low impact development (LID) and runoff reduction site planning and development practices prior to the consideration of other practices in the permittees' land use regulations, guidance, or construction project requirements to meet or exceed those LID and runoff reduction practices identified in the CT Stormwater Quality Manual as amended.</li> </ul>
5-2	<p><b>Enforce LID/runoff reduction requirements for development and redevelopment projects</b></p> <ul style="list-style-type: none"> <li>COH shall be responsible for requiring runoff reduction/ LID measures be used by developers in accordance with Section (6)(a)(5)(A)(i)&amp;(B) of the MS4 General Permit.</li> <li>COH will utilize its legal authority to enforce its ordinances or other legal requirements as necessary to comply with this BMP 5-2.</li> </ul>

	<ul style="list-style-type: none"> <li>MDC will follow all ordinances or other legal requirements for MDC's projects and on MDC's properties.</li> </ul>
5-3a	<p><b>Identify retention and detention ponds in priority areas</b></p> <ul style="list-style-type: none"> <li>COH shall be responsible to identify retention and detention ponds in priority areas and to enforce compliance with applicable inspection and maintenance ordinances or other legal requirements as necessary to comply with this BMP 5-3a.</li> <li>MDC shall inspect and maintain MDC's infrastructure in accordance with applicable ordinances or other legal requirements.</li> </ul>
5-3b	<p><b>Implement long-term maintenance plan for stormwater basins and treatment structures</b></p> <p>Implement a maintenance plan for ensuring the long-term effectiveness of retention or detention ponds and stormwater treatment structures or measures (such as swirl concentrators, oil/grit separators, water quality wetlands or swales, , etc.) located in the Urbanized Area and those catchment areas of the COH with either DCIA of greater than 11% or which discharge to impaired waters and which discharge to, or receive Stormwater from the MS4.</p> <p>COH shall be responsible to implement a maintenance plan for ensuring the long-term effectiveness of retention or detention ponds and stormwater treatment structures that are owned by the COH. COH shall additionally be responsible for requiring and enforcing maintenance plans for privately-owned retention or detention ponds to the extent required by the MS4 permit. MDC shall be responsible to implement a maintenance plan for ensuring the long-term effectiveness of retention or detention ponds and stormwater treatment structures that are owned by the MDC and privately owned ponds where the MDC maintains an easement or other legal authority to the extent that MDC's use or authority related to the ponds impacts the long-term effectiveness and maintenance requirements of the privately-owned ponds..</p>
5-4	<p><b>DCIA mapping</b></p> <p>Calculate the Directly Connected Impervious Area (DCIA) that contributes Stormwater runoff to each of its MS4 outfalls (i.e. catchment areas) using mapping provided by the DEEP or other equivalent source. The DCIA calculation shall be based upon the criteria available through the DEEP Stormwater webpage.</p> <ul style="list-style-type: none"> <li>COH will calculate the Directly Connected Impervious Area (DCIA) that contributes Stormwater runoff to each of the MS4 outfalls (i.e. catchment areas) using mapping provided by the DEEP or other equivalent source.</li> <li>The COH and MDC may hire a consultant to perform the work required by this BMP. In such event the Parties shall split the costs associated with this BMP equally.</li> <li>The Parties agree to contribute information to the Joint MS4 Committee or its consultant necessary to facilitate compliance with this BMP 5-4.</li> </ul>
5-5	<p><b>Address post-construction issues in areas with pollutants of concern</b></p> <p>For discharges to impaired waters for which Nitrogen, Phosphorus or Bacteria is a Stormwater Pollutant of Concern, develop, fund, implement, and prioritize erosion and sediment problems noted during required inspections of retention or detention ponds and Stormwater treatment structures or measures (BMP #5-3) under the Retrofit program specified in the MS4 General Permit (BMP #6-3) to correct the problems in a specific timeframe and to establish short- and long-term maintenance.</p> <ul style="list-style-type: none"> <li>COH shall be responsible to implement BMP 5-5 with regard to retention or detention ponds and stormwater treatment structures or measures covered by this BMP 5-5 that are owned by the COH.</li> </ul>

	<ul style="list-style-type: none"> <li>MDC shall be responsible to implement BMP 5-5 with regard to retention or detention ponds and stormwater treatment structures or measures covered by this BMP 5-5 that are owned by the MDC.</li> <li>For all privately-owned retention or detention ponds and stormwater treatment structures or measures covered by this BMP 5-5, COH shall be responsible for implementing this BMP 5-5.</li> </ul>
5-6	<p><b>Implement and maintain any control measures or conditions for New Discharge to an Impaired Water without an Established TMDL</b></p> <p>If a new discharge to an impaired water without a TMDL is authorized pursuant to the conditions of Section 3(b)(7) of the MS4 General Permit and BMP 4-8, implement and maintain any control measures or conditions on the site that enabled such authorization, and modify such measures or conditions as necessary to maintain such authorization.</p> <ul style="list-style-type: none"> <li>COH and MDC shall coordinate as necessary to achieve BMP 5-6 under the SWMP for all new discharges from the MS4 to an impaired water without a TMDL</li> </ul>
5-7	<p><b>Additional requirements for all new and existing discharges to a water with an Established TMDL or with a Pollutant Load Reduction specified within the TMDL</b></p> <p>If a new discharge to a water with a TMDL or with a pollutant load reduction established within the TMDL is authorized pursuant to the conditions of Section 3(b)(7) of the MS4 General Permit and BMP 4-8, follow the discharge requirements consistent with the applicable Wasteload Allocations, Load Allocations or Water Quality Targets for that TMDL. Implement BMPs as necessary to achieve the Waste Load Allocation, Load Allocation or Water Quality Targets specified within the TMDL (see Appendix D of the MS4 General Permit) for all existing Discharge to a Water with an Established TMDL or with a Pollutant Load Reduction specified within the TMDL.</p> <ul style="list-style-type: none"> <li>COH and MDC shall coordinate as necessary to achieve BMP 5-7 under the SWMP for all new discharge to a water with a TMDL or with a pollutant load reduction established within the TMDL.</li> </ul>

BMP#	BMP Description / Commitments
6	<p><b>Control Measure 6: Pollution Prevention/Good Housekeeping for Municipal Operations</b></p> <p>The goal of Control Measure 6, Pollution Prevention/Good Housekeeping for Municipal Operations, is preventing or reducing pollutant runoff and protecting water quality from all permittees owned or operated MS4s. The following BMPs for new development and redevelopment will be implemented to fulfill the requirements of Control Measure 6.</p>
6-1	<p><b>Continue the formal employee training program developed under the 2004 MS4 General Permit</b></p> <p>Continue the formal employee training program developed under the 2004 MS4 General Permit to increase awareness of water quality related issues in management of its MS4.</p> <ul style="list-style-type: none"> <li>COH and MDC will each separately conduct annual employee training programs in order to meet the requirements of the SWMP.</li> <li>The Parties may coordinate and conduct joint trainings or share training materials.</li> </ul>

6-2a	<p><b>Minimize the discharge of pollutants to MS4 from parks and open space management</b></p> <ul style="list-style-type: none"> <li>COH shall be responsible for maintaining properties, parks, and other facilities that are owned, operated, or otherwise the legal responsibility of the COH so as to minimize the discharge of pollutants to the MS4.</li> <li>MDC shall be responsible for implementing BMP 6-2a on any MDC owned or controlled properties.</li> </ul>
6-2b	<p><b>Minimize the discharge of pollutants to MS4 from pet waste management</b></p> <ul style="list-style-type: none"> <li>COH shall be responsible for managing pet waste to minimize the discharge of pollutants to the MS4.</li> </ul>
6-2c	<p><b>Minimize the discharge of pollutants to MS4 from waterfowl management</b></p> <ul style="list-style-type: none"> <li>COH shall be responsible for maintaining waterfowl management efforts to minimize the discharge of pollutants to the MS4</li> </ul>
6-2d	<p><b>Minimize the discharge of pollutants to MS4 from municipal buildings and facilities</b></p> <p>Maintain municipal buildings and facilities (schools under the jurisdiction of the permittees, City offices, police and fire stations, pools, parking garages and other permittee-owned or operated buildings or utilities) to minimize the discharge of pollutants to the MS4.</p> <ul style="list-style-type: none"> <li>COH will follow the requirements of the BMP for COH-owned or controlled buildings and facilities.</li> <li>MDC will follow the requirements of the BMP for MDC-owned owned or controlled buildings and facilities.</li> </ul>
6-2e	<p><b>Minimize the discharge of pollutants to MS4 from municipal vehicle and equipment maintenance</b></p> <p>Maintain vehicles and equipment to minimize the discharge of pollutants to the MS4.</p> <ul style="list-style-type: none"> <li>COH will follow the requirements of the BMP for COH-Fleet and equipment maintenance.</li> <li>MDC will follow the requirements of the BMP for MDC-Fleet and equipment maintenance.</li> </ul>
6-2f	<p><b>Minimize the discharge of pollutants to MS4 from leaf management</b></p> <p>Maintain leaf management so as to minimize the discharge of pollutants to the MS4. Establish and implement procedures to minimize or prevent the deposition of leaves in catch basins, streets, parking lots, driveways, sidewalks or other paved surfaces that discharge to the MS4. Such procedures also apply to leaves collected by the permittee.</p> <ul style="list-style-type: none"> <li>COH shall be responsible for compliance with the requirements of BMP 6-2f.</li> <li>MDC shall maintain leaf management on MDC properties so as to minimize the discharge of pollutants to the MS4, and with regard to any leaves collected by the MDC.</li> </ul>
6-3	<p><b>Implement coordination with interconnected MS4s</b></p> <p>As part of the interagency agreements established pursuant to Section (6)(a)(4)(A)(i)(e) and BMP #4-1, coordinate with operators of interconnected MS4s (such as neighboring municipalities, institutions and DOT) regarding the contribution of potential pollutants from the storm sewer systems, contributing land use areas and Stormwater control measures in the respective MS4s. This same coordination shall be conducted regarding operation and maintenance procedures utilized in the respective systems.</p> <ul style="list-style-type: none"> <li>COH and MDC shall coordinate together, and with other agencies jointly, as necessary to fulfill the requirements of the BMP, especially prior to approving or modifying outside connections to the MS4 serving Hartford.</li> </ul>



6-4	<p><b>Develop and implement a program to control other sources of pollutants to the MS4</b></p> <p>Develop and implement a program to control the contribution of pollutants to its MS4 from commercial, industrial, municipal, institutional or other facilities, not otherwise authorized by permit issued pursuant to Section 22a-430 or 22a-430b of the Connecticut General Statutes.</p> <p>COH and MDC shall coordinate as necessary to develop and implement a program to conduct public education and outreach to commercial, industrial, municipal, institutional or other facilities not otherwise authorized by permit, regarding compliance with the requirements of the Permit.</p>
6-5	<p><b>Additional measures for discharges to impaired waters</b></p> <p>Implement additional measures for discharges from permittee-owned or operated lands to impaired waters (with or without a TMDL).</p> <ul style="list-style-type: none"> <li>• COH shall be responsible for implementing any additional measures for discharges from COH owned or operated land required by BMP 6-5 of the SWMP.</li> <li>• MDC shall be responsible for implementing any additional measures for discharges from MDC-owned or operated land required by BMP 6-5 of the SWMP.</li> </ul>
6-6	<p><b>Track projects that disconnect DCIA</b></p> <p>Track on an annual basis the total acreage of DCIA that is disconnected as a result of redevelopment or retrofit projects within the MS4. Tracking the disconnection of DCIA means documenting within a given redevelopment or retrofit project the amount of existing DCIA that is modified such that it is disconnected. This tracking may include disconnections of DCIA from redevelopment or retrofit projects implemented as early as July 1, 2012 (five (5) years prior to the effective date of the MS4 General Permit). Any redevelopment or retrofit of an existing developed site, whether public (municipal, state or federal) or private (residential, commercial or industrial) shall be included in this tracking.</p> <ul style="list-style-type: none"> <li>• COH shall be responsible for tracking projects that disconnect DCIA that contributes Stormwater runoff to each of the MS4 outfalls (i.e. catchment areas) with the input of the Joint MS4 Committee.</li> </ul>
6-7	<p><b>Develop and implement infrastructure repair/rehabilitation program</b></p> <p>Continue to repair and rehabilitate its MS4 infrastructure in a timely manner to reduce or eliminate the discharge of pollutants from the MS4 to receiving waters. Utilize the information developed pursuant to Section (6)(a)(6)(A)(v) of the 2004 MS4 General Permit, to fund and implement a program for repairing, retrofitting or upgrading conveyances, structures and outfalls of the MS4.</p> <ul style="list-style-type: none"> <li>• COH shall be responsible for implementing the infrastructure repair/rehabilitation program and complying with the requirements of BMP 6-7 throughout the portions of the MS4 infrastructure owned or controlled by the COH, and within city owned parks and properties but not including public rights of way.</li> <li>• MDC shall be responsible for implementing the infrastructure repair/rehabilitation program and complying with the requirements of BMP 6-7 throughout the portions of the MS4 infrastructure owned or controlled by MDC.</li> <li>• The Parties shall initially prioritize implementing the infrastructure repair/rehabilitation program on their own infrastructure for a period of two (2) years following execution of this MOU, while the Parties work together to determine ownership where the ownership and control of the MS4 infrastructure that is currently unknown or disputed. Following that initial two (2) year period, or if emergency repairs are required in the interim, MDC shall be responsible for implementing an infrastructure repair/rehabilitation program and complying with the requirements of BMP 6-7 with the input of the</li> </ul>

	Joint MS4 Committee for all areas where the ownership and control of the MS4 infrastructure remain unknown or disputed, and the Parties will share the costs equally (50/50).
6-8a	<p><b>Develop plan to identify/prioritize retrofit projects</b></p> <p>Develop a plan to identify and prioritize DCIA disconnection projects. Considerations for prioritizing retrofit projects may include outfall catchment areas that discharge to impaired waters, areas within the Urbanized Area of the MS4, or catchment areas with greater than eleven percent (11%) DCIA. The permittees shall select from the list of prioritized projects those that it will implement to meet the goals described in BMP 6-8b.</p> <ul style="list-style-type: none"> <li>COH shall develop a plan to identify/prioritize retrofit projects.</li> </ul>
6-8b	<p><b>Implement retrofit projects to disconnect 2% of DCIA</b></p> <p>Commence the implementation of the projects identified above with a goal of disconnecting one percent (1%) per year of DCIA to the maximum extent practicable and continue such program with a goal to disconnect one percent (1%) of DCIA in each year thereafter.</p> <ul style="list-style-type: none"> <li>COH shall coordinate as necessary to implement retrofit projects according to the plan to comply with this BMP #6-8b.</li> <li>COH shall be responsible for implementing such retrofit projects to disconnect at least 1% of DCIA per year.</li> </ul>
6-9	<p><b>Develop/implement street sweeping program</b></p> <p>Establish and implement procedures for sweeping City-owned or operated streets and parking lots.</p> <ul style="list-style-type: none"> <li>COH shall be responsible for implementing a street sweeping program that complies with BMP 6-9, with a goal of minimizing various pollutants, including sediment, debris, yard waste, trash, deicing materials and trace metals to improve water quality. COH shall comply with its street sweeping Standard Operating Procedures (SOP), which is designed to sweep all public residential roadways twice monthly as a baseline as weather permits during the months of April through November and sweep City-owned parking facilities at least once annually. COH may modify the frequency of sweeping for certain streets as the situation warrants with notice to the Joint MS4 Committee. COH may, in conjunction with its street sweeping program, evaluate areas that would benefit from increased litter disposal options and/or litter removal services. The COH will provide MDC with a copy of its current street sweeping SOP and, as appropriate, any updates or amendments of the SOP.</li> <li>MDC will identify and inform COH of areas with elevated levels of catch basin debris as provided in the MDC catch basin SOP. MDC will provide COH with a copy of its current catch basin SOP and, as appropriate, any updates or amendments of the SOP. COH will evaluate its street sweeping program based on input provided by the MDC concerning areas with elevated levels of catch basin debris and MDC will evaluate its catch basin cleaning program based on input provided by the COH.</li> <li>The Parties are encouraged to coordinate the street sweeping and catch basin cleaning programs to maximizing the effectiveness of each.</li> <li>MDC will sweep all MDC-owned facilities at least once annually.</li> </ul>
6-10	<p><b>Develop / implement catch basin cleaning program</b></p> <p>Conduct routine cleaning of all catch basins and track catch basin inspection observations. Utilizing information compiled through its inventory of catch basins, operational staff and public complaints, optimize routine cleaning frequencies for particular structures or catchment areas as follows to maintain acceptable sediment removal efficiencies.</p>

	<ul style="list-style-type: none"> <li>• MDC shall be responsible for conducting a catch basin cleaning program that complies with BMP 6-10 for all stormwater system catch basins throughout the portions of the MS4 infrastructure owned or controlled by the MDC. MDC shall comply with its current catch basin SOP to clean at least 3,500 catch basins per year and inspect the remaining catch basins at least once per year. Optimal cleaning frequency will be determined based on the requirements of Section 6(a)(6)(D)(ii)(f) of the MS4 General Permit.</li> <li>• COH shall be responsible for conducting a catch basin cleaning program that complies with BMP 6-10 for all stormwater system catch basins throughout the portions of the MS4 infrastructure owned or controlled by the COH. Optimal cleaning frequency will be determined based on the requirements of Section 6(a)(6)(D)(ii)(f) of the MS4 General Permit.</li> <li>• For all catch basins where the ownership and control of catch basins is disputed or yet to be determined, MDC shall be responsible for implementing the catch basin cleaning program that complies with BMP 6-10, with the input and oversight of the Joint MS4 Committee with the costs of such cleaning shared based on the Parties respective percentage of ownership.</li> <li>• MDC shall share information on its performance of the activities required by this BMP with COH for the Annual Report</li> <li>• The Parties are encouraged to coordinate the street sweeping and catch basin cleaning programs to maximizing the effectiveness of each.</li> <li>• COH will be responsible for cost reimbursement to the MDC associated with the collection, transportation and disposal of catch basin debris collected by MDC in COH owned basins, should the COH request MDC to clean COH owned basins.</li> <li>• If MDC provides information to the Joint MS4 Committee that demonstrates that any catch basin in which the catch sump is greater than 50% full following consecutive cleanings within a 13-month period, the Joint MS4 Committee will recommend a solution designed to eliminate this problem and may consider recommending a cost sharing program if necessary.</li> </ul>
6-11	<p><b>Develop/implement snow management practices</b> Implement snow management practices including Deicing Material Management and Snow and Ice Control Practices.</p> <ul style="list-style-type: none"> <li>• COH shall be responsible for implementing the requirements of the BMP.</li> <li>• MDC shall be responsible for developing and implementing snow management practices at all MDC owned or controlled properties.</li> </ul>

BMP#	BMP Description / Commitments
7	<p><b>Control Measure 7: Monitoring Requirements</b> Comply with the screening and monitoring requirements of Section 6(i) of the MS4 General Permit and conduct Impaired Waters Outfall Investigation and Monitoring. The Annual Report shall report on the progress of the impaired waters investigation and monitoring program.</p>
7-1	<p><b>Screen all Outfalls that Discharge to Impaired Waters: Begin Screening</b> Utilizing the list and mapping of all outfalls that discharge to impaired waters prepared pursuant to BMPs #3-2 and #7-2, and Section 6(a)(3)(C) of the MS4 General Permit, screen these outfalls for the pollutant identified as the pollutant of concern for the impairment.</p> <ul style="list-style-type: none"> <li>• MDC shall be responsible for screening all stormwater outfalls throughout the portions of the MS4 infrastructure owned or controlled by the MDC as required to comply with BMP 7-1. The information will be shared with the COH for the Annual Report.</li> </ul>

	<ul style="list-style-type: none"> <li>• COH shall be responsible for screening all stormwater outfalls throughout the portions of the MS4 infrastructure owned or controlled by the COH, as required to comply with BMP 7-1.</li> <li>• The Parties shall initially prioritize compliance with this Control Measure on their own MS4 outfalls for a period of two (2) years following execution of this MOU, while the Parties work together to determine ownership where the ownership and control of MS4 outfalls that are currently unknown or disputed. If the ownership and control of any MS4 outfalls is disputed or yet to be determined two years after the effective date of the Permit, the Parties will share the cost equally (50/50) for compliance with this Control Measure. The Joint MS4 committee will coordinate which Party will perform the work related to each MS4 outfall.</li> <li>• MDC will share as necessary information about activities under this BMP for the Annual Report.</li> </ul>
7-2	<p><b>Inventory and mapping of discharges to impaired waters</b></p> <p>MS4s that discharge into impaired waters, as identified in Section 6(k) of the MS4 General Permit, must create an inventory of all outfalls that discharge to impaired waters utilizing the list and mapping prepared pursuant to BMP #3-2 and Section 6(a)(3)(C) of the MS4 General Permit.</p> <ul style="list-style-type: none"> <li>• COH and MDC shall jointly be responsible for creating and maintaining an inventory and mapping of all outfalls that discharge to impaired waters as required to comply with BMP 7-2. Cost of this program will be shared equally (50/50) until the Parties have determined ownership, after which the costs will be split based on the Parties' respective ownership.</li> </ul>
7-3	<p><b>Follow-up Investigations of drainage areas: commence/implement follow-up investigations</b></p> <p>Investigate activities within the drainage area contributing to each outfall identified for follow-up investigation under BMP #7-1. This investigation shall include factors potentially associated with the cause of the related impairment.</p> <ul style="list-style-type: none"> <li>• MDC shall be responsible to investigate activities within the drainage area contributing to each stormwater outfall throughout the portions of the MS4 infrastructure owned or controlled by MDC and identified for follow-up investigation under BMP #7-1 in accordance with the IDDE Program, and in according to the division of responsibilities described in this MOU under BMP 3-1. In performing this obligation, MDC shall follow the procedures outlined in the IDDE Program.</li> <li>• COH shall be responsible to investigate activities within the drainage area contributing to each stormwater outfall throughout the portions of the MS4 infrastructure owned or controlled by the COH and identified for follow-up investigation under BMP #7-1 in accordance with the IDDE Program and in according to the division of responsibilities described in this MOU under BMP #3-1.</li> <li>• The Parties shall initially prioritize compliance with this Control Measure on their own MS4 outfalls for a period of two (2) years following execution of this MOU, while the Parties work together to determine ownership where the ownership and control of MS4 outfalls that are currently unknown or disputed. If the ownership and control of any MS4 outfalls is disputed or yet to be determined two years after the effective date of the Permit, the Parties will share the cost equally (50/50) for compliance with this Control Measure. The Joint MS4 committee will coordinate which Party will perform the work related to each MS4 outfall.</li> <li>• MDC shall share information on its performance of the activities required by this BMP with COH for the Annual Report.</li> </ul>

7-4	<p><b>Annual monitoring of priority outfalls</b></p> <p>Once outfall screening has been completed for at least half of the outfalls identified pursuant to BMP #7-2 and Section 6(i)(1) of the MS4 General Permit, utilize the screening results to select six (6) of the highest contributors of any of the pollutants of concern. These six outfalls shall be sampled annually for the appropriate pollutant of concern.</p> <ul style="list-style-type: none"> <li>• MDC shall be responsible for complying with BMP 7-4 on any MDC outfalls identified pursuant to BMP #7-2 as one of the six (6) of the highest contributors of any of the pollutants of concern.</li> <li>• COH shall be responsible for complying with BMP 7-4 on any COH outfalls identified pursuant to BMP #7-2 as one of the six (6) of the highest contributors of any of the pollutants of concern.</li> <li>• The Parties shall initially prioritize compliance with this Control Measure on their own MS4 outfalls for a period of two (2) years following execution of this MOU, while the Parties work together to determine ownership where the ownership and control of MS4 outfalls that are currently unknown or disputed. If the ownership and control of any MS4 outfalls is disputed or yet to be determined two years after the effective date of the Permit, the Parties will share the cost equally (50/50) for compliance with this Control Measure. The Joint MS4 committee will coordinate which Party will perform the work related to each MS4 outfall.</li> <li>• COH shall share information on its performance of the activities required by this BMP with COH for the Annual Report.</li> </ul>
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