



**IMPORTANT NOTE:** Rows can be added to the tables in the following sections by going to the rightmost cell in the bottom row of the table and hitting tab. Hitting return in a given row will make the row wider, creating more room to type or write.

**Section B. Local Water Quality Information**

1. Does the MS4 discharge to 303(d) listed and / or TMDL waters?  
 Yes (complete the table below)     No     Not Yet Determined  
 Information to help complete this table can be found in the instructions.  
 (Put an X in the cell to indicate the list (303(d), TMDL) that the waterbody is listed on.)

Impaired Waters (from 303 (d) list and/or TMDL)	Pollutant(s) of Concern (from 303 (d) list and/or TMDL)	Listing Source	
		303 (d) List	TMDL
Hudson River (H Portion 3)	Cadmium, PCBs	X	
Quassiack Creek (H-94)	Unknown toxin	X	
Greenwood Lake (NJ-P1026)	Phosphorus	X	

Information to help answer this question can be found in the instructions.

2. Have you received notification from the Department that you are subject to the special conditions in Part III.B. of the permit?	<input type="checkbox"/> Yes (answer next question) <input checked="" type="checkbox"/> No (go to Section C)
3. Have all necessary changes been made to the Stormwater Management Program (SWMP) to ensure compliance with Part III.B. of the MS4 permit for discharges to 303(d) or TMDL waters?	<input type="checkbox"/> Yes <input type="checkbox"/> No (explain below)
Explanation:	

**Section C. Partnership Information**

1. Does your MS4 work with partners?  Yes (complete table below)  No (Proceed to Section D)  
 Information to help complete this section can be found in the instructions.

Partner	Legally Binding Agreements in Place
	<input type="checkbox"/> Yes (agreement sent with prior annual report) <input type="checkbox"/> Yes (attach new agreement to annual report table) <input type="checkbox"/> No
	<input type="checkbox"/> Yes (agreement sent with prior annual report) <input type="checkbox"/> Yes (attach new agreement to annual report table) <input type="checkbox"/> No
	<input type="checkbox"/> Yes (agreement sent with prior annual report) <input type="checkbox"/> Yes (attach new agreement to annual report table) <input type="checkbox"/> No

Municipality:

Permit Year:

Permit Number:

<p><b>Section D. Geographic Areas Addressed by Stormwater Management Program (SWMP)</b></p> <p>1. Does your SWMP cover all jurisdictional (automatic and additionally designated) areas within the MS4, as required by 40 CFR 122.32(a)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain below)</p> <p>Information to help complete this section can be found in the instructions.</p> <p>Explain:</p>	
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<p><b>Section E. Funding and Resource Allocation</b></p> <p>1. Are adequate resources (funding, equipment, staff, etc.) allocated to fully implement your SWMP no later than January 8, 2008? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (explain below)</p> <p>Information to help complete this section can be found in the instructions.</p> <p>Explain:</p>	
<p>2. If the MS4 is receiving funding through the municipal budget, a grant, or other source, answer the following:</p>	
<p>a. What are the sources, estimated amounts, and frequency of funding for the MS4?</p>	<ul style="list-style-type: none"> <li>- Orange County Water Authority budget -- <b>\$60,000</b> consultant for public involvement, <b>\$80,000</b> educators for public education.</li> <li>- OCDPW -- \$ 0, From operating budget as needed</li> <li>- Orange County Soil and Water Conservation District provides approximately <b>\$50,000</b> worth of services towards the program, including public education, support of public participation and technical services. These funds originate from a combination of sources including County appropriation and State grants.</li> </ul>
<p>3. If the MS4 is currently not receiving funding, answer the following:</p>	
<p>a. What plans does the MS4 have for obtaining future funding?</p>	

**Section F. Compliance Certification**

**Compliance Assessment** - For each of the minimum control measures, indicate below if your program has made steady progress toward full implementation *and* has achieved all measurable goals scheduled to be completed **during this reporting year**.

Permit Part	Minimum Control Measure	ANSWER BOTH COLUMNS FOR THIS REPORT YEAR ONLY	
		Steady Progress	Goals Achieved
IV.C.1.	Public Education and Outreach on Stormwater Impacts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
	Explain 'no' / 'N/A' answer:		
IV.C.2.	Public Involvement / Participation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
	Explain 'no' / 'N/A' answer:		
IV.C.3.	Illicit Discharge Detection and Elimination	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
	Explain 'no' / 'N/A' answer:		
IV.C.4.	Construction Site Stormwater Runoff Control	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
	Explain 'no' / 'N/A' answer:		
IV.C.5.	Post-Construction Stormwater Management	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
	Explain 'no' / 'N/A' answer:		
IV.C.6.	Pollution Prevention / Good Housekeeping for Municipal Operations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
	Explain 'no' / 'N/A' answer:		

**Certification Statement**

*"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 gathered and evaluated 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."*

Note: **System** indicates a system to collect and summarize the SWMP information needed to complete the annual report.

Print Name: Kevin Sumner Title: District Manager

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

This form must be signed by either a principal executive officer or ranking elected official, or duly authorized representative of that person as described in Part VII.2. of the permit. Send two completed **hard copies** (an original and a photocopy) of this form, the annual report form and any attachments to the DEC Central Office (MS4 Permit Coordinator, 625 Broadway, Division of Water - 4<sup>th</sup> Floor, Albany, NY 12233-3505). **DO NOT PUT THE REPORTS IN THREE-RING BINDERS.**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



**SPDES General Permit (GP-02-02) Stormwater Management Program Annual Report  
for Stormwater Discharges from Phase II Municipal Separate Storm Sewer Systems (MS4s)**

**Regulated MS4: Orange County, NY SPDES Permit Number: NYR20A\_322**

Information about how to complete the follow tables is in the instruction section. Please complete the tables electronically, if possible. Send two completed **hard copies** (an original and a photocopy) of this annual report form, the MCC form and any attachments to the DEC Central Office (MS4 Permit Coordinator, 625 Broadway, Division of Water - 4<sup>th</sup> Floor, Albany, NY 12233-3505). **DO NOT PUT THE REPORTS IN THREE-RING BINDERS.**

**Minimum Control Measure 1. Public Education and Outreach**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<b>Permit Reference IV.C.1.a, b:</b> Plan and conduct an ongoing public education and outreach program to ensure the reduction of all pollutants of concern in stormwater discharges to the maximum extent practicable (MEP). <i>?? Explain the activities and materials used to meet this requirement.</i> <i>?? Identify the personnel or outside organization conducting the activity.</i>	<b>Measurable Goals: Description and Results</b> (when applicable)  (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
Classroom education/school programs –	- Orange County will continue school programs by the Orange County Soil and Water Conservation District and the Orange County Water Authority. Existing program, continue Years One through Five.	2006-2007 while school was in session	Ongoing  1212 classes
Conservation Field Days – although not specifically mentioned in the County’s NOI, the Soil and Water Conservation District holds Conservation Field Days for 6 <sup>th</sup> graders every year at the County’s Thomas Bull Memorial Park. Stormwater-related topics are presented at several of the eight learning stations each student visits.	~800 6 <sup>th</sup> graders will participate in stormwater education activities at Conservation Field Days.	September 27 and 28, 2006	September 27 and 28, 2006
<b>Additional Techniques</b>	<b>Measurable Goals: Description and Results</b>	<b>Scheduled Date</b>	<b>Date Completed</b>
<i>Web page –</i>	Orange County Soil & Water Conservation District has a web page...	2007	

	<a href="http://www.ocsoil.org">www.ocsoil.org</a> . Pages related to educating the public about storm water pollution will be added and updated annually.		
Posters and signs of varying sizes –	Posters commissioned by the Lower Hudson Coalition of Conservation Districts, NYSDEC, and the Hudson River Estuary Program have been secured. Efforts are underway to post in Co. facilities and on the Co. & SWCD websites	On-going	On-going
Pollution Prevention for Businesses and Households	County publishes notices about Household Hazardous Waste Collection. Events are advertised in newspaper & on County website. Program is existing, continue Years One through Five.	On-going	On-going
Trash Management –	Solid Waste Management Facility hours of operation are posted on County web site. Existing program, continue Years One through Five.	On-going	On-going
Water Conservation Practices --	O C. Soil and Water Conservation District and O C Water Authority teachers teach classes about water conservation and water quality protection. Existing program, continue Years One through Five.	On-going	On-going
<b>Explain any changes or additions to any of the Permit References / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b>			

**Minimum Control Measure 2. Public Involvement/Participation**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<b>Permit Reference IV.C.2.c.iii.:</b> Design and conduct a public involvement / participation program. <i>?? Describe activities that the MS4 has/will undertake to provide access to the program for interested individuals and to gather needed input.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
Public notice and access to documents and information	Public Notice and Access to Documents Develop and publish public notices through standard County newspaper and web page publications. Documents will be available for review at the Orange County Government Center and for download from the Orange County web page during each year, beginning in Year One.	On-going	On-going
Public presentation and comments received on SWMP and annual report	Public Presentation and Comments The Storm Water Management Plan and the Annual Report will be presented to the Orange County Legislature and the Orange County Executive. Verbal public comment will be allowed during the Legislative meeting. Written comments will be accepted for 30 (thirty) days after the Legislative meeting.	May	Each year
Public involvement/ participation program	Adopt a Stream Coordinate annual stream cleanup programs. Year One – Identify Streams Years Two through Five – solicit volunteer groups and coordinate program.	On-going	On-going

<p>Storm Drain Markers/Stenciling – Soil and Water Conservation District Staff discussed marking storm drains at the County Government Center and other County facilities with the County’s DPW Commissioner and with the County Executive. In order to extend the educational value, the idea will be explored of having a youth or community group mark the drains. (The County’s original NOI indicated that County staff would mark storm drains on County facilities.)</p> <p>Students in 2 Environmental Science classes at Or. Co. Community College marked all storm drains on the Middletown campus. They also marked some storm drains on some streets surrounding the campus.</p>	<p>Soil and Water Conservation District staff will work with County to identify a youth or community group to mark storm drains on County facilities.</p>	<p>2007</p> <p>Spring 2007</p>	<p>Spring 2007</p>
<p><b>Permit Reference IV.C.2.a, f:</b> Develop procedures to provide public notice about and access to documents and information in a manner that complies with state and local public notice requirements. Explain methods used to publicize annual report public presentation. <i>Describe procedures below.</i></p>			
<p>EX. PRESS RELEASE IN DAILY TIMES APRIL 23, 2006, MAILINGS SENT TO INTERESTED PEOPLE</p>			
<p> </p>			
<p><b>Permit Reference IV.C.2.e, f, g:</b> Public presentation of, summary of comments received on, and intended response to comments on the SWMPAR.</p>			
<p>Provide notes about the presentation (number of attendees, who attended (ie. municipal officials, general public, etc.)): EX. MAYOR, CLERK, RIVER KEEPER, 3 PEOPLE FROM GENERAL PUBLIC</p>			
<p><b>Comments on Annual Report Meeting</b> ___ No public comments received on SWMPAR ___ Comments received. <b>Attach summary of comments and intended responses.</b></p>	<p>Date of Annual Report Meeting: Public comment period subsequent to annual report deadline.</p>	<p>Approximate Date of Meeting Next Year:</p>	
<p><b>Additional Techniques</b></p>	<p><b>Measurable Goals: Description and Results</b></p>	<p><b>Scheduled Date</b></p>	<p><b>Date Completed</b></p>
<p>Groundwater Guardian Program–</p>	<p>39 communities in Orange County are members of the Groundwater Guardian program. Many are MS4 communities. The program recognizes local activities to protect water.</p>	<p>On-going</p>	<p>On-going</p>
<p><b>Explain any changes or additions to any of the Permit References / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b></p>			

**Minimum Control Measure 3. Illicit Discharge Detection and Elimination (IDDE)**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p><b>Permit Reference IV.C.3.a:</b> Develop, implement and enforce a program to detect, identify and eliminate illicit discharges into the MS4.                      ?? <i>Explain the activities and methods used to meet this requirement</i>                      ?? <i>Identify personnel or outside organization conducting the activities</i>                      ?? <i>Provide, at a minimum, the number of illicit discharges detected and eliminated as results.</i></p>	<p><b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)</p>	<p><b>Scheduled Date</b> (see Critical Path to Compliance)</p>	<p><b>Date Completed or Ongoing</b></p>
<p>The County is not required to have an Illicit Discharge Ordinance.</p>			
<p><b>Permit Reference IV.C.3.b:</b> Develop and maintain a map showing the location of all outfalls and the names and location of all waters of the US that receive discharges from outfalls. <i>Explain activities performed, including work on the following IDDE guidance prerequisites:</i>                      ?? field verification of outfall locations;                      ?? mapping all inter-municipal subsurface conveyances;                      ?? delineating storm sewershed; and                      ?? developing and retaining MS4 mapping as needed to find the source and identify illicit discharges. <i>State if maps are in GIS.</i></p>	<p><b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)</p>	<p><b>Scheduled Date</b> (see Critical Path to Compliance)</p>	<p><b>Date Completed or Ongoing</b></p>
<p>Outfall Mapping</p>	<p>Orange County DPW staff will use a Global Positioning System (GPS) to determine the location of the storm drain outfalls. The GPS information will be transferred to a Geographic Information System (GIS), and maps will be prepared. This mapping project will be performed in Years One and Two.</p>	<p>On-going</p>	<p>On-going</p>

**Minimum Control Measure 3. Illicit Discharge Detection and Elimination (IDDE) (cont'd)**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<b>Permit Reference IV.C.3.e:</b> Inform public employees, businesses and the general public of hazards associated with illegal discharges and improper disposal of waste. <i>?? Explain activities and materials used to meet this requirement</i> <i>?? Identify personnel or outside organization conducting activities</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
Public, employees, businesses informed of hazards from illicit discharges	County employees will be instructed about what to look for in illicit discharges. Public and businesses will be informed via public outreach program.	On-going	On-going
<b>Additional Techniques</b>	<b>Measurable Goals: Description and Results</b>	<b>Scheduled Date</b>	<b>Date Completed</b>
Illicit discharges identified	Illicit discharges will be identified during routine system inspections by DPW and Parks personnel during Years One through Five.	On-going	On-going
System Mapping	Orange County DPW staff will map the County storm sewers as part of an ongoing facilities mapping project. The mapping project will be complete in 5 (five) years.	On-going	On-going
Failing Septic Systems	Failing septic systems near County facilities are identified by odors or visible waste matter. County staff will notify the Department of Health or the tributary MS4 area. Department of Health will contact owner and enforce existing health laws.	On-going	On-going
Sanitary Sewer Overflows	County has a maintenance program	On-going	On-going

	to flush sanitary sewers to prevent overflows in Sewer District No. 1. Existing program, continue Years One through Five.		
Training – In partnership with NYSDEC, Orange County Soil and Water Conservation District planned and delivered a day-long Illicit Discharge Detection and Elimination Workshop. The workshop was attended by both County staff and staff from almost every regulated MS4 municipality in the County.	Plan and deliver a one-day IDDE workshop at Orange County Community College.	March 2006	March 2006 (36 attendees from 22 reg ms4's
<b>Explain any changes or additions to any of the Permit References / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b>			

**Minimum Control Measure 3. Illicit Discharge Detection and Elimination (IDDE) Local Law**

<b>Permit Reference IV.C.3.c:</b> Prohibit, through an ordinance, local law or other regulatory mechanism, illicit discharges into the MS4 and implement appropriate enforcement procedures and actions.	
<b>The County is not required to have an Illicit Discharge Ordinance.</b>	<input type="checkbox"/> No (go to question 4) <input type="checkbox"/> Yes
<b>1) Is there an existing ordinance, local law or other regulatory mechanism?</b>	
<b>2) Does the existing mechanism prohibit illicit discharges as set forth in GP-02-02?</b>	<input type="checkbox"/> No (amend with NYS IDDE Model Law or adopt entire NYS law) <input type="checkbox"/> Yes
<b>3) Does the existing mechanism include enforcement authorities and procedures as forth in the NYS IDDE Model Law?</b>	<input type="checkbox"/> No (amend with NYS IDDE Model Law or adopt entire NYS law) <input type="checkbox"/> Yes
<b>4) What local law was adopted?</b>	<input type="checkbox"/> Existing local law (no amendment / adoption needed; go to question 6) <input type="checkbox"/> Existing local law amended with NYS IDDE Model Law <input type="checkbox"/> NYS IDDE Model Law in its entirety
<b>5) If amendments are necessary or entire NYS IDDE Model Law will be adopted, has a legislative agenda been developed for local law adoption?</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes, list the <b>local law(s)</b> that will be changed:
<b>6) What is/was the date or planned date of local law adoption?</b>	Date:
<b>7) Provide a web address if adopted local law can be found on a web site.</b>	Web Address:

**Minimum Control Measure 4 and 5. Construction Site and Post-Construction Stormwater Runoff Control Local Law**

<b>Permit Reference IV.C.4.b.i, 5.a.i:</b> Require development and implementation of erosion and sedimentation controls through a local law or other regulatory mechanism. <i>Follow Construction and Post-Construction Stormwater Runoff Management and Gap Analysis Assistance documents.</i> Answer
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questions below about the Gap Analysis process.			
<b>The County is not required to have a Construction Site and Post-Construction Stormwater Runoff Control Local Law.</b>	Date completed: <span style="float:right;">Not yet completed</span>		
1. When was the preliminary assessment table completed?			
2. Based on the pre-table, indicate the step that municipality followed.	<input type="checkbox"/> None of the provisions appear in the municipal code, consider adopting DEC sample law <input type="checkbox"/> Few provision appear in the municipal code, major revisions / adoption of DEC sample law language needed <input type="checkbox"/> Most of the provisions appear in the municipal code, minor revisions needed		
3. How was the local law adopted, using the Gap Analysis process? <i>Check all answers that apply.</i>	<input type="checkbox"/> The entire DEC sample law language was adopted (skip to question 5) <input type="checkbox"/> Parts of the DEC sample law language were adopted (go to question 4) <input type="checkbox"/> Language developed by the municipality was adopted using equivalence sheets (go to question 4)		
4. Answer the following questions about the Gap Analysis processes if the entire DEC sample law language was not adopted.			
Gap Analysis Worksheet	<b>NUMBER OF LOCAL LAW LANGUAGE CLAUSES</b>		
	Exactly the same as the DEC sample law language	Determined to be equivalent to the DEC sample law language	Adopted by adding the DEC sample law language or equivalent as legislative agenda items. Indicate the planned month and year for adoption.
1	5	7	6 (Sept 2007)
2			
3			
4			
<b>TOTAL NUMBER OF CLAUSES</b>			
5. Has a legislative agenda been developed for local law adoption?	<input type="checkbox"/> No <input type="checkbox"/> Yes, list the <b>local codes</b> that will be changed:		
6. What is/was the date or planned date of local law adoption?	Date: SEPT 2006		
7. Provide a web address if the adopted local law can be found on a web site.	Web Address:		

**Minimum Control Measure 4. Construction Site Stormwater Runoff Control**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p><b>Permit Reference IV.C.4.b. v:</b> Develop and implement procedures for site plan review by the MS4 that incorporate consideration of potential water quality impacts and review individual pre-construction site plans to ensure consistency with local sediment and erosion control requirements.                      ?? Describe the procedures in the lines below.                      ?? Indicate, at a minimum, the number of plans received and number of plans reviewed as results.</p>	<p><b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)</p>	<p><b>Scheduled Date</b> (see Critical Path to Compliance)</p>	<p><b>Date Completed or Ongoing</b></p>
<p>The County is not required to do site plan reviews.</p>	<p>Plan review is standard practice on any County-owned construction project, including an erosion and sediment control plan. Existing program, continue in Years One through Five.</p>	<p>On-going</p>	<p>On-going</p>
<p>Require overall construction site waste management</p>	<p>Site waste management County-owned projects are inspected by County personnel or a County representative. They require construction site managers to control waste that might affect water quality. Program is existing and will continue in Years One through Five.</p>	<p>On-going</p>	<p>On-going</p>
<p><b>Permit Reference IV.C.4.b. vi:</b> Develop and implement procedures for the receipt and consideration of information submitted by the public.                      ?? Explain the procedures in the lines below.                      ?? Identify the responsible personnel or outside organizations.</p>	<p><b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)</p>	<p><b>Scheduled Date</b> (see Critical Path to Compliance)</p>	<p><b>Date Completed or Ongoing</b></p>

**Minimum Control Measure 4. Construction Site Stormwater Runoff Control** (cont'd)

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p><b>Permit Reference IV.C.4.b. iii, vii:</b> Develop and implement procedures for site inspections, enforcement of control measures and sanctions to ensure compliance with GP-02-02.                      ?? <i>Describe each procedure in separate lines below</i>                      ?? <i>Indicate, at a minimum, the number of inspections, fines assessed, stop work orders and other sanctions as results.</i></p>	<p><b>Measurable Goals:</b>  <b>Description and Results</b>                      (N/A if no measurable goals)</p>	<p><b>Scheduled Date</b>                      (see Critical Path to Compliance)</p>	<p><b>Date Completed or Ongoing</b></p>
<p>The County is not required to do site plan reviews. All of its own construction projects have proper erosion control designs and site installation and maintenance.</p>	<p>Under Phase I of Storm Water SPDES, Orange County requires a Storm Water Management Plan be included in each construction plan. County uses NYS Standards and Specifications for Erosion and Sediment Control. In Year One, County evaluated incorporating NYS Storm Water Design Manual into designs. Existing program, continue in Years One through Five.</p>	<p>On-going</p>	<p>On-going</p>
<p>Provide Opportunity for Public</p>	<p>Comment on Construction Plans                      Public comment opportunities will occur during the SEQR process for projects. Existing program, continue in Years One through Five.</p>	<p>On-going</p>	<p>On-going</p>
<p>Require Construction Site Plan Review</p>	<p>Plan review is standard practice on any County-owned construction project, including an erosion and sediment control plan. Existing program, continue in Years One through Five.</p>	<p>On-going</p>	<p>On-going</p>
<p>Site waste management</p>	<p>County-owned projects are inspected by County personnel or a County representative. They</p>	<p>On-going</p>	<p>On-going</p>

	require construction site managers to control waste that might affect water quality. Program is existing and will continue in Years One through Five.		
Site inspections and enforcement	County-owned projects are inspected by County personnel or a County representative. Program is existing and will continue in Years One through Five.	On-going	On-going
Education and Training of Construction Site Operators – A workshop sponsored by the Soil and Water Conservation District was held in Orange County in 2005. Subsequent nearby workshops, for example in Kingston, NY and in Rockland County, were advertised to Orange County officials and contractors.	Advertise additional training opportunities as they arise.	On-going	On-going
<b>Permit Reference IV.C.4.b. viii:</b> Educate and train construction site operators about requirements to develop and implement a SWPPP and any other requirements they must meet <b>within the MS4s jurisdiction</b> ?? Explain the activities and materials used to meet this requirement. ?? Identify the personnel or outside organization conducting this activity.	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
County construction inspectors and engineering personnel are trained in proper erosion control best management practices.		On-going	On-going
<b>Additional Techniques</b>	<b>Measurable Goals: Description and Results</b>	<b>Scheduled Date</b>	<b>Date Completed</b>
<b>Explain any changes or additions to any of the Permit References / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b>			

**Minimum Control Measure 5. Post-Construction Stormwater Management**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p><b>Permit Reference IV.C.5.a, c.</b> Develop and implement a post-construction stormwater management program that addresses stormwater runoff from new development and redevelopment and will reduce the discharge of pollutants to the MEP. Program requirements should include:</p>	<p><b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)</p>	<p><b>Scheduled Date</b> (see Critical Path to Compliance)</p>	<p><b>Date Completed or Ongoing</b></p>
<p>?? A combination of structural and/or non-structural management practices. ?? <i>Identify and describe below procedures to ensure installation of post-construction management practices</i></p>			
<p>Assess Existing Conditions Throughout the MS4</p>	<p>Standard practice on any County-owned project is post-construction inspection to monitor effectiveness of erosion control measures. Existing programs, continue in Years One through Five.</p>	<p>On-going</p>	<p>On-going</p>
<p>Regulate Post-Construction Runoff from Development through an Ordinance</p>	<p>County follows Phase I Storm Water SPDES on all projects on County-owned sites. Existing program, continue in Years one through Five.</p>	<p>On-going</p>	<p>On-going</p>
<p>Develop Management Practice Inspection and Maintenance Program</p>	<p>The Orange County Department of Public Works (DPW) performs annual inspections of bridges and roads. The DPW also has a maintenance group to clean catch basins, culverts and ditches on an as-needed basis. This is an ongoing program.</p>	<p>On-going</p>	<p>On-going</p>
<p>?? Procedures for site plan and SWPPP review to ensure SWMPs meet state standards. ?? <i>Describe procedures below. Indicate, at a minimum, the number of site plans received and reviewed as results.</i></p>			
	<p>County follows Phase I Storm Water SPDES on all projects on County-owned sites. Existing program, continue in Years One through Five.</p>	<p>On-going</p>	<p>On-going</p>

<p>?? Procedures for inspection and maintenance of post-construction management practices.                  ?? Explain procedures below. <b>Indicate, at a minimum, the number of inspections and maintenance activities performed as results.</b></p>			
	<p>The Orange County Department of Public Works (DPW) performs annual inspections of bridges and roads. The DPW also has a maintenance group to clean catch basins, culverts and ditches on an as-needed basis. This is an ongoing program.</p>	<p>On-going</p>	<p>On-going</p>

**Minimum Control Measure 5. Post-Construction Stormwater Management (cont'd)**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p><b>Permit Reference IV.C.5.a, c.</b> Develop and implement a post-construction stormwater management program that addresses stormwater runoff from new development and redevelopment and will reduce the discharge of pollutants to the MEP. Program requirements should include:</p>	<p><b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)</p>	<p><b>Scheduled Date</b> (see Critical Path to Compliance)</p>	<p><b>Date Completed or Ongoing</b></p>
<p>?? Procedures for enforcement and penalization of violators.                  ?? Explain procedures below. <b>Indicate, at a minimum, the enforcement activities performed as outcomes.</b></p>			
		<p>On-going</p>	<p>On-going</p>
<p>?? Adequate resources for a program to inspect new and re-development sites and for enforcement and penalization of violators.                  ?? Describe resources below.</p>			
	<p>All stormwater management features the County is responsible for are on County-owned property. Post-construction management is part of on-going operations and maintenance.</p>	<p>On-going</p>	<p>On-going</p>
<p><b>Additional Techniques</b></p>	<p><b>Measurable Goals: Description and Results</b></p>	<p><b>Scheduled Date</b></p>	<p><b>Date Completed or</b></p>

<p>Although not listed in the County’s original NOI, the County signed up as part of the Orange County MS4 Cooperation Project to identify potential stormwater retrofit sites. The Soil and Water Conservation District has discussed this project with the County DPW Commissioner, and has begun to identify sites.</p>	<p>Soil and Water Conservation District will, in cooperation with the County DPW and other departments, identify at least three potential sites for a stormwater retrofit project.</p>	<p>2007</p>	<p><b>Ongoing</b></p>
<p><b>Explain any changes or additions to any of the Permit References / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b></p>			

**Minimum Control Measure 6. Pollution Prevention/Good Housekeeping for Municipal Operations**

OVERALL MUNICIPAL POLLUTION PREVENTION PROGRAM INFORMATION

List and describe the processes for determining the adequacy of the techniques/BMPs in the techniques/BMP column. Use a separate row for the different assessments, activities, procedures, practices, etc. used by the MS4. Add more rows as needed.

<p><b>Permit Reference IV.C.6.a:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.                      ?? Describe the program in the lines below.                      ?? Identify and describe the equipment, staff, facilities and operations that are in place WHERE APPLICABLE.</p>	<p><b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)</p>	<p><b>Scheduled Date</b> (see Critical Path to Compliance)</p>	<p><b>Date Completed or Ongoing</b></p>
<p>?? List pollutants that will be addressed by the municipal pollution prevention program (check the PWL, 303(d), or TMDL lists (see instructions for explanation of lists)).</p>			
<p>?? Explain how pollutants are addressed, if existing programs performed as part of the municipal operations adequately reduce and prevent pollutant discharges, and what changes will be made.                      ?? It may be necessary to assess this for each specific municipal operation in the tables that follow for the specific municipal operations.</p>			
<p>Prevent Discharge of Pollutants from Municipal Operations</p>	<p>All County road salt storage facilities are covered and paved. During Years One and Two, Orange County facilities will be assessed. Any necessary actions will be taken as conditions may warrant during Years One through Five.</p>	<p>On-going</p>	<p>On-going</p>

Follow DEC NPS Management Practices Catalog	Orange County staff will review the Catalog during Year One and implement appropriate management practices that are appropriate during Year Two.	On-going	On-going
Catch Basin and Storm Drain System Cleaning	County staff cleans catch basins throughout the County road system on an as-needed basis. Existing program, continue in Years One through Five.	On-going	On-going
<p>?? <i>Set and describe pollution prevention priorities by geographic areas, municipal operation types, policies, procedures, facilities and BMPs.</i></p> <p>?? <i>Determine and list the operation, locations and facilities that are in need of modification or updates.</i></p>			

**Minimum Control Measure 6. Pollution Prevention/Good Housekeeping for Municipal Operations (cont'd)**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<b>Permit Reference IV.C.6.a:</b> Include a municipal pollution prevention training component for staff.	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
<p>?? <i>Explain activities and materials used to meet this requirement.</i></p> <p>?? <i>Identify training needs and design training components. Address policies and procedures within the program.</i></p> <p>?? <i>Determine the adequacy of staff training.</i></p> <p>?? <i>Identify personnel or outside organization conducting activities.</i></p>			
Conduct Employee Pollution Prevention Training			
	The County has purchased a DVD instructional program for PP/GH. That DVD is shared by the County DPW and Parks Department, and other municipal DPWs and Highway Departments.	On-going	On-going

<b>Additional Techniques</b>	<b>Measurable Goals: Description and Results</b>	<b>Scheduled Date</b>	<b>Date Completed</b>
<p><b>Explain any changes or additions to any of the Permit References / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b></p>			

# IMPORTANT NOTES

The additional techniques for MCM6 are components of various municipal operations.

The tables on the following pages ask information about those municipal operations. The tables provide the MS4 an opportunity to report about the additional techniques and provide other information about work done in their municipal operations.

The municipal operations are: streets and bridge maintenance; winter road maintenance; stormwater system maintenance; vehicle and fleet maintenance; park and open space maintenance; municipal building maintenance; solid waste management; and streambank stabilization and hydrologic habitat modification.

**ONLY COMPLETE THE PAGES FOR  
THE MUNICIPAL OPERATIONS THAT  
EXIST IN YOUR MUNICIPALITY.  
DISCARD THE REMAINING PAGES.**

### Minimum Control Measure 6. **STREET AND BRIDGE MAINTENANCE**

Use separate rows to explain different activities, procedures, practices, etc. performed for this municipal operation. Add additional rows as needed.

Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for a list of BMPs and example policies and procedures.			
<b>Permit Reference IV.C.6.a, b:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from <b>this municipal operation</b> to the MEP. <i>?? Explain the program for this municipal operation in the rows below.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
<i>?? Describe what BMPs and municipal policies and procedures are in place, need to be changed or added.</i>			
N/A			
<i>?? Explain if existing BMPs, policies and procedures performed as part of the municipal operations adequately reduce and prevent pollutant discharges, and what changes will be made.</i> <i>?? List the amount of materials removed by maintenance and cleaning activities as results.</i>			
<b>Permit Reference IV.C.6.a:</b> If there is a training component for staff specific to this municipal operation: <i>?? explain the activities and materials;</i> <i>?? identify the personnel or outside organization conducting the activities.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
<b>Explain any changes or additions to any of the Techniques / BMPs, Measurable Goals and / or Schedules above and provide a reason(s) for the change:</b>			

**Minimum Control Measure 6. WINTER ROAD MAINTENANCE**

Use separate rows to explain different activities, procedures, practices, etc. performed for this municipal operation. Add additional rows as needed.

Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for a list of BMPs and example policies and procedures.			
<b>Permit Reference IV.C.6.a, b:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from <b>this municipal operation</b> to the MEP. <i>?? Explain the program for this municipal operation in the rows below.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
<i>?? Describe what BMPs and municipal policies and procedures are in place, need to be changed or added.</i>			
N/A			
<i>?? Explain if existing BMPs, policies and procedures performed as part of the municipal operations adequately reduce and prevent pollutant discharges, and what changes will be made.</i>			
<b>Permit Reference IV.C.6.a:</b> If there is a training component for staff specific to this municipal operation: <i>?? explain the activities and materials;</i> <i>?? identify the personnel or outside organization conducting the activities.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
N/A			
<b>Explain any changes or additions to any of the Techniques / BMPs, Measurable Goals and / or Schedules above and provide a reason(s) for the change:</b>			

## Minimum Control Measure 6. **STORMWATER SYSTEM MAINTENANCE**

Use separate rows to explain different activities, procedures, practices, etc. performed for this municipal operation. Add additional rows as needed.

Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for a list of BMPs and example policies and procedures.			
<b>Permit Reference IV.C.6.a, b:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from <b>this municipal operation</b> to the MEP. <i>?? Explain the program for this municipal operation in the rows below.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
<i>?? Describe what BMPs and municipal policies and procedures are in place, need to be changed or added.</i>			
N/A			
<i>?? Explain if existing BMPs, policies and procedures performed as part of the municipal operations adequately reduce and prevent pollutant discharges, and what changes will be made. ?? List the amount of materials removed by maintenance and cleaning activities as results.</i>			
<b>Permit Reference IV.C.6.a:</b> If there is a training component for staff specific to this municipal operation: <i>?? explain the activities and materials; ?? identify the personnel or outside organization conducting the activities.</i>	<b>Measurable Goals : Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
N/A			
<b>Explain any changes or additions to any of the Techniques / BMPs, Measurable Goals and / or Schedules above and provide a reason(s) for the change:</b>			

## Minimum Control Measure 6. VEHICLE AND FLEET MAINTENANCE

Use separate rows to explain different activities, procedures, practices, etc. performed for this municipal operation. Add additional rows as needed.

Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for a list of BMPs and example policies and procedures.			
<b>Permit Reference IV.C.6.a, b:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from <b>this municipal operation</b> to the MEP. <i>?? Explain the program for this municipal operation in the rows below.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
<i>?? Describe what BMPs and municipal policies and procedures are in place, need to be changed or added.</i>			
In accordance with SPDES permit regulations.		On-going	On-going
<i>?? Explain if existing BMPs, policies and procedures performed as part of the municipal operations adequately reduce and prevent pollutant discharges, and what changes will be made.</i>			
<b>Permit Reference IV.C.6.a:</b> If there is a training component for staff specific to this municipal operation: <i>?? explain the activities and materials;</i> <i>?? identify the personnel or outside organization conducting the activities.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
<b>Explain any changes or additions to any of the Techniques / BMPs, Measurable Goals and / or Schedules above and provide a reason(s) for the change:</b>			

## Minimum Control Measure 6. **PARK AND OPEN SPACE MAINTENANCE**

Use separate rows to explain different activities, procedures, practices, etc. performed for this municipal operation. Add additional rows as needed.

Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for a list of BMPs and example policies and procedures.			
<b>Permit Reference IV.C.6.a, b:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from <b>this municipal operation</b> to the MEP. <i>?? Explain the program for this municipal operation in the rows below.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
<i>?? Describe what BMPs and municipal policies and procedures are in place, need to be changed or added.</i>			
N/A applications at DPW facilities by contractor			
<i>?? Explain if existing BMPs, policies and procedures performed as part of the municipal operations adequately reduce and prevent pollutant discharges, and what changes will be made.</i>			
<b>Permit Reference IV.C.6.a:</b> If there is a training component for staff specific to this municipal operation: <i>?? explain the activities and materials;</i> <i>?? identify the personnel or outside organization conducting the activities.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
Pesticide handling and application training through NYS pesticide licensing board		Annually	On-going
<b>Explain any changes or additions to any of the Techniques / BMPs, Measurable Goals and / or Schedules above and provide a reason(s) for the change:</b>			

## Minimum Control Measure 6. **MUNICIPAL BUILDING MAINTENANCE**

Use separate rows to explain different activities, procedures, practices, etc. for this municipal operation. Add additional rows as needed.

Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for a list of BMPs and example policies and procedures.			
<b>Permit Reference IV.C.6.a, b:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from <b>this municipal operation</b> to the MEP. <i>?? Explain the program for this municipal operation in the rows below.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
<i>?? Describe what BMPs and municipal policies and procedures are in place, need to be changed or added.</i>			
As per NYSDEC regulations			
<i>?? Explain if existing BMPs, policies and procedures performed as part of the municipal operations adequately reduce and prevent pollutant discharges, and what changes will be made.</i>			
<b>Permit Reference IV.C.6.a:</b> If there is a training component for staff specific to this municipal operation: <i>?? explain the activities and materials;</i> <i>?? identify the personnel or outside organization conducting the activities.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
<b>Explain any changes or additions to any of the Techniques / BMPs, Measurable Goals and / or Schedules above and provide a reason(s) for the change:</b>			

## Minimum Control Measure 6. **SOLID WASTE MANAGEMENT**

Use separate rows to explain different activities, procedures, practices, etc. performed for this municipal operation. Add additional rows as needed.

Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for a list of BMPs and example policies and procedures.			
<b>Permit Reference IV.C.6.a, b:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from <b>this municipal operation</b> to the MEP. <i>?? Explain the program for this municipal operation in the rows below.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
<i>?? Describe what BMPs and municipal policies and procedures are in place, need to be changed or added.</i>			
As per NYSDEC regulations			
<i>?? Explain if existing BMPs, policies and procedures performed as part of the municipal operations adequately reduce and prevent pollutant discharges, and what changes will be made.</i>			
<b>Permit Reference IV.C.6.a:</b> If there is a training component for staff specific to this municipal operation: <i>?? explain the activities and materials;</i> <i>?? identify the personnel or outside organization conducting the activities.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
<b>Explain any changes or additions to any of the Techniques / BMPs, Measurable Goals and / or Schedules above and provide a reason(s) for the change:</b>			

## Minimum Control Measure 6. **STREAMBANK STABILIZATION AND HYDROLOGIC HABITAT MODIFICATION**

Use separate rows to explain different activities, procedures, practices, etc. performed for this municipal operation. Add additional rows as needed.

Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for a list of BMPs and example policies and procedures.			
<b>Permit Reference IV.C.6.a, b:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from <b>this municipal operation</b> to the MEP. ?? <i>Explain the program for this municipal operation in the rows below.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
?? <i>Describe what BMPs and municipal policies and procedures are in place, need to be changed or added.</i>			
As per NYSDEC regulations			
?? <i>Explain if existing BMPs, policies and procedures performed as part of the municipal operations adequately reduce and prevent pollutant discharges, and what changes will be made.</i>			
<b>Permit Reference IV.C.6.a:</b> If there is a training component for staff specific to this municipal operation: ?? <i>explain the activities and materials;</i> ?? <i>identify the personnel or outside organization conducting the activities.</i>	<b>Measurable Goals: Description and Results</b> (N/A if no measurable goals)	<b>Scheduled Date</b> (see Critical Path to Compliance)	<b>Date Completed or Ongoing</b>
<b>Explain any changes or additions to any of the Techniques / BMPs, Measurable Goals and / or Schedules above and provide a reason(s) for the change:</b>			

**Did you include any of the following documents as appendices? Put a mark each appended document.**

- Summary of public comments received on the annual report at the public presentation (**Required**) **None received**
- Planned response to comments on the annual report (**Required**) **None received**
- Legally binding agreement(s)
- Results of information collected and analyzed, including monitoring data; evaluation of assessment (modeling) of pollutant discharges, including modeling results and pollutant transport trends.
- Other \_\_\_\_\_