

Stormwater Coalition of Albany County

Joint Storm Water Management Program Plan ***“SWMP Doc 2018 to 2019”***

Activities Completed & Explained: 3/10/17 to 3/9/18
Goals: 3/10/2018 to 3/9/2019

Annual Evaluation ***(April, 2018)***



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Annual Evaluation

(April, 2018)

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I. Joint Coalition Stormwater Management Program Plan (SWMP Plan) Document

In 2015, members of the Stormwater Coalition developed a Stormwater Management Program Plan document using the software MS4Web developed by CBI, Ltd. Best Management Practices (BMPs) were included in the document, along with measureable goals. The content was based on MS4 Permit requirements named in NYSDEC MS4 Permit GP-0-15-003 Effective: May 1, 2015 Expiration: April 30, 2017. The Best Management Practices were essentially a restatement of the MS4 Permit requirements included in the permit and the goals tracked how well these BMPs had been met.

Each year since 2015, the Joint Coalition SWMP Plan document and software tracked how well goals had been met for each MS4 and over the years many of the MS4s completed the listed permit requirements. Meanwhile, the current MS4 Permit appears to have expired April 30, 2017 and while the DRAFT MS4 Permit released in 2016 (GP-0-17-003) suggests a wide range of new requirements, they are still in DRAFT form. For this reason, it's not exactly clear what we should be doing other than to continue with known MS4 Permit requirements named in the current, if expired permit.

Meanwhile, in January, 2018 the MS4Web software was updated and some of the routine data tracked by Coalition members (goals met, yes or no) was lost in the data transfer. The format of MS4Web also changed such that text describing the content of BMPs could not be positioned in the software easily. Consequently, this version of the Coalition SWMP Document is formatted to describe all activities and goals associated with each Minimum Control Measure for each Coalition member, but there is no text describing the particular BMP associated with these goals. As a nod to anticipated DRAFT Permit Stormwater Program Requirements some of those requirements are included in the document and where possible completed requirements noted.

The status of Stormwater Coalition goals is generally unclear. The Coalition did however receive significant NYSDEC funds to support and complete storm system and program mapping with and for various Coalition members. These tasks, along with future mapping goals are noted in this SWMP document. Other more administrative tasks associated with "Sharing Resources" all part of keeping the Coalition intact (Working Group and Board meetings; dues; purchases; staff management; etc.) are noted in the SW Program Requirements section which is based on DRAFT MS4 Permit language.

This SWMP document is generally recognized as an interim type document attempting to provide for the public, regulators, and for our own internal use some picture of what individual MS4s have been doing this past year and to put into words what each stormwater program coordinator would like to accomplish in the upcoming year. It might be characterized as a plan, but given that the MS4 Permit is generally prescriptive, it functions more as a document tracking whether or not named tasks have been implemented. Given various permit uncertainties and little time or resources to develop an entirely different SWMP document we relied on the available MS4Web software to develop and "write" the document as allowed given the software.

II. Stormwater Coalition of Albany County

As of April, 2018, there are twelve members of the Stormwater Coalition of Albany County and they are all co-signatories of an inter-municipal agreement/memorandum of understanding. As such they pay dues, serve on a Board of Directors, make financial decisions about the Coalition budget, participate in monthly Working Group meetings, and to varying degrees rely on Coalition staff and other members to be in compliance with MS4 Permit requirements.

The first intermunicipal agreement was signed in 2008 and most of the current Coalition members date back to that initial inter-municipal agreement. The current agreement is effective until December 31, 2023.

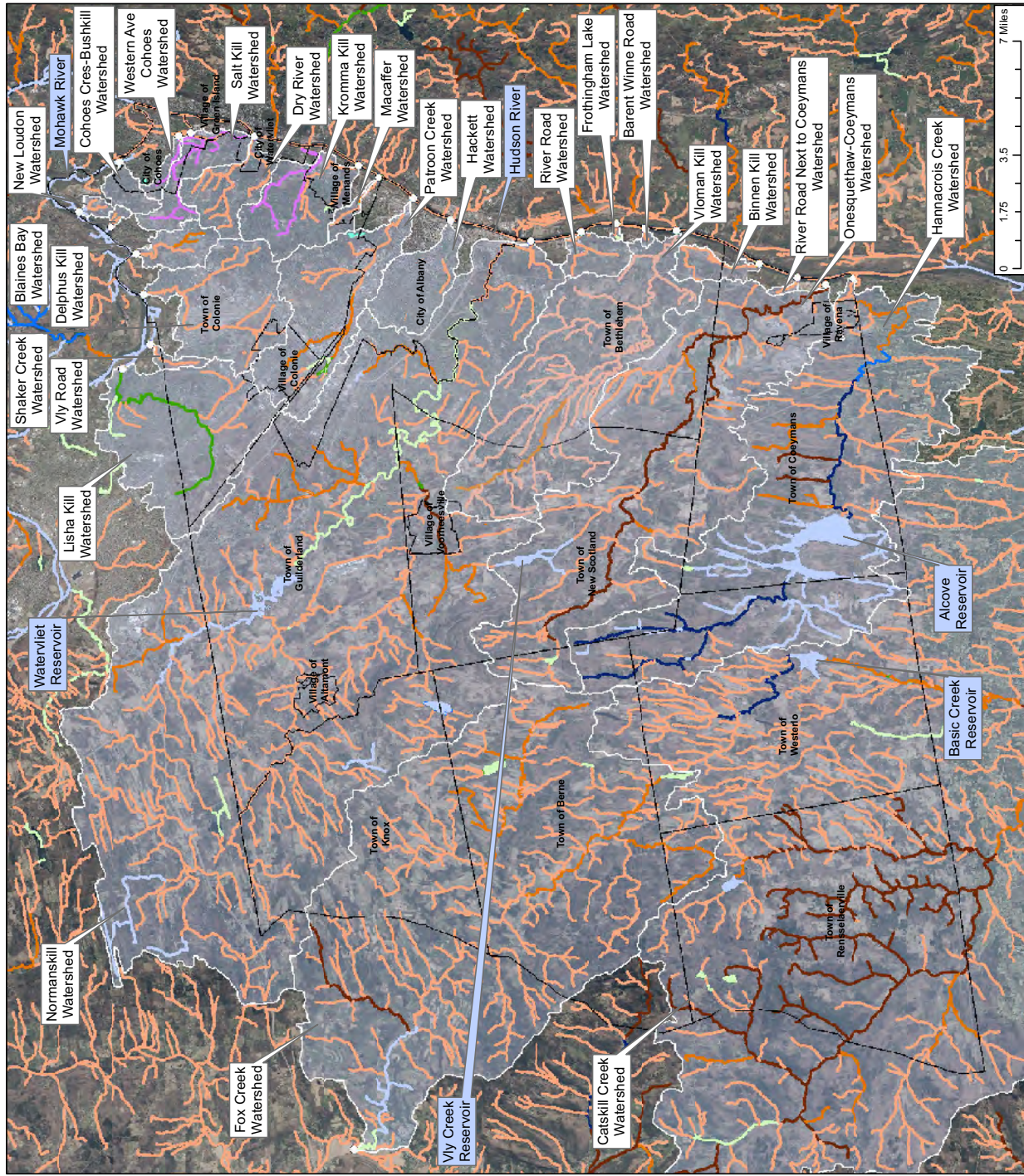
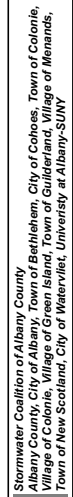
Below is a list of Coalition members, along with their MS4 Permit SPDES No. in parenthesis.

Traditional Non Land Use Control MS4	Traditional Land Use Control MS4s	
Albany County (NYR20A359)	City of Albany (NYR20A464)	Village of Green Island (NYR20A377)
Non-Traditional MS4	Town of Bethlehem (NYR20A208)	Town of Guilderland (NYR20A211)
University at Albany-SUNY (NYR20A234)	City of Cohoes (NYR20A243)	Village of Menands (NYR20A144)
	Town of Colonie (NYR20A190)	Town of New Scotland (NYR20A463)
	Village of Colonie (NYR20A076)	City of Watervliet (NYR20A087)

Maps describing the jurisdictional area of these regulated MS4/municipalities follow, along with the status of waterbodies throughout Albany County (stream classification and listing on the waterbody inventory/priority waterbody list “WIPWL”)

Overall, Coalition members work towards the shared goal of improving water quality as expressed in the day-to-day implementation of this particular Clean Water Act SPDES Permit known as the “MS4 Permit”.

*Map also used as Map 5 of the TAAW.



Albany County, NY

1. Waterbody Inventory/Priority Waterbody List (W/PPWL)

2. Impaired 303 (d) Waterbody List

3. Watersheds

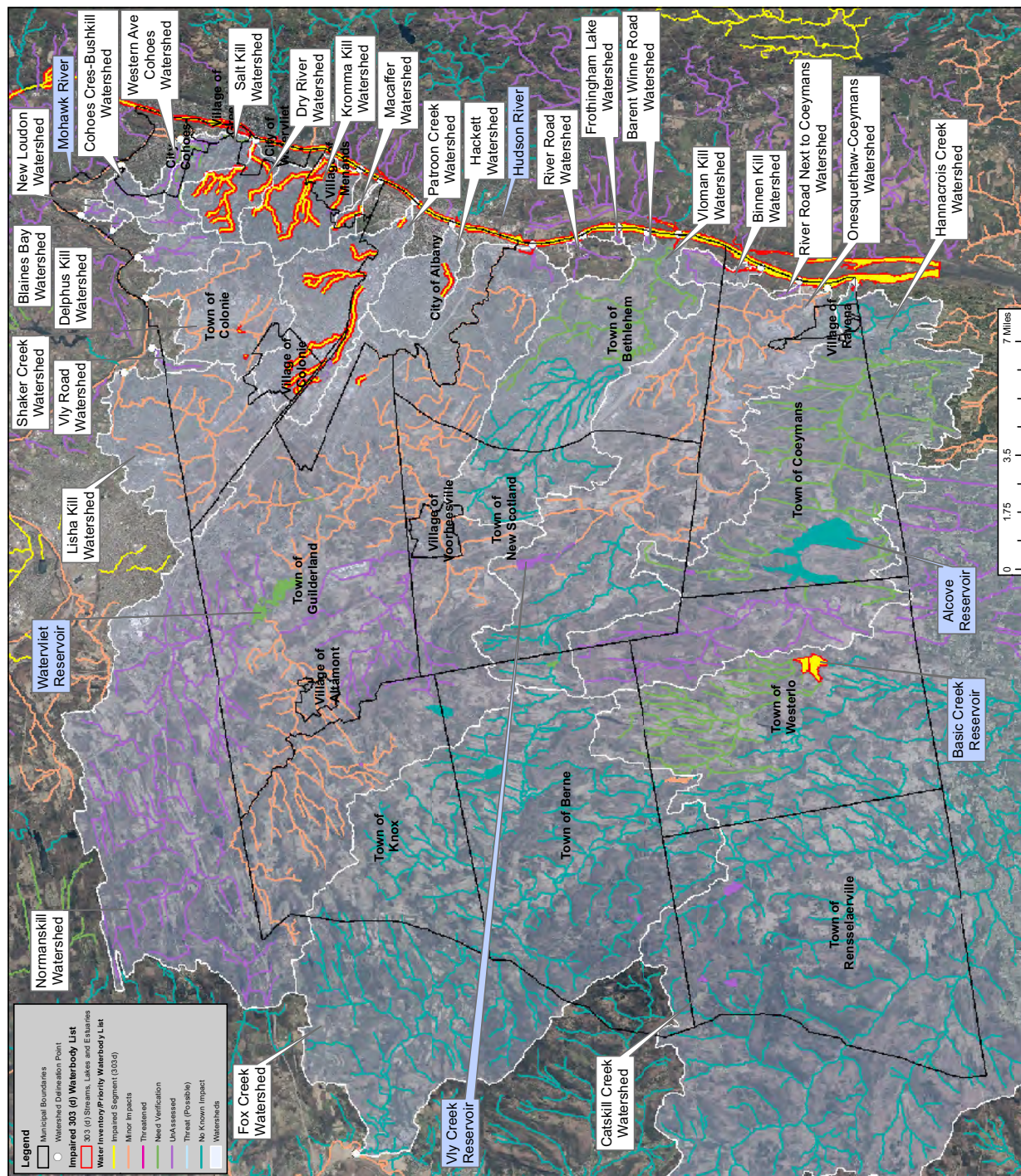
*Map also used as Map 8 of the TAAW.

Waterbodies in Albany County on the NYS Final 2012 Section 303(d) List

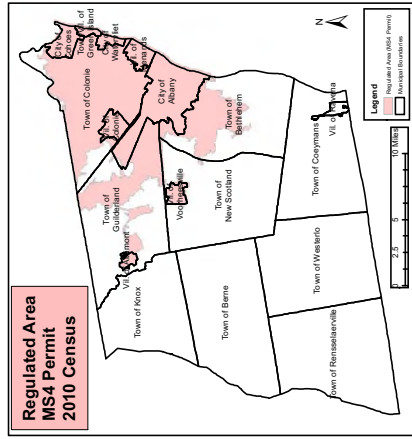
- Ann Lee Pond, Stump Pond: WIPWL 1201-0096
 - Cause/Pollutant: Phosphorus
 - Source: Urban Runoff
 - TMDL: Required
- Basic Creek Reservoir: WIPWL 1309-0001
 - Cause/Pollutant: Phosphorus
 - Source: Agriculture
 - TMDL: Required
- Krumkill Creek, Upper, and Tribs: WIPWL 1311-0004
 - Cause/Pollutant: Aquatic Toxicity
 - Source: Urban Runoff/CSOs
 - TMDL: Required
- Patron Creek and Tribs: WIPWL 1301-0030
 - Cause/Pollutant: Oxygen Demand
 - Source: Urban/Storm/CSOs
 - TMDL: Required
- Minor Tribs to West of Hudson: WIPWL 1301-0027 (Includes: Dry River, Kromma Kill and Hackett)
 - Cause/Pollutant: Aquatic Toxicity
 - Source: Industrial
 - TMDL: Required
- Hudson River, Class C: WIPWL 1301-0002
 - Cause/Pollutant: PCBs
 - Source: Contaminated Sediment
 - TMDL: Required
- Watervliet Reservoir: WIPWL 1311-0001
 - Cause/Pollutant: Dissolved Oxygen/Oxygen Demand
 - Source: Unknown
 - TMDL: Needs Verification

Prepared by the Stormwater Coalition of Albany County
 Date: January 2016
 File: Priorityand303d_28Jan2016_FINAL.mxd

Stormwater Coalition of Albany County
 Albany County, City of Albany, Town of Bethlehem, City of Cohoes, Town of Colonie, Village of Voorhesville, Town of Rensselaerville, Town of New Scotland, City of Watervliet, University at Albany-SUNY



*Map also used as Map 4 of the TAAW.



Prepared by the Stormwater Coalition of Albany County
Date: January 2016
File: County&SUNY_29Jan2016_FINAL.mxd

Stormwater Coalition of Albany County
 Albany County, City of Albany, Town of Bethlehem, City of Cohoes, Town of Colonie,
 Town of Colonie, Village of Green Island, Town of Guilderland, Village of Menands,
 Town of New Scotland, City of Watervliet, University at Albany-SUNY





Guilderland-Town (MS4 Permit #NYR20A211) BMP Detail | Minimum Control Measure: 1A SW Mgmt Program Requirements - Administrative (GP-0-17-002 DRAFT MS4 Permit) - SI

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>A. Previous "Administrative" Goals for 2018 from SWMPv5:</p> <p>1. Description: 7-2 MG3 T/Guilderland. By 3/9/2018, T/Guilderland SW Program Coordinator will update Stormwater Program Organizational Chart, file agendas of stormwater related departmental or inter-departmental meetings, and analyze the updated organizational chart to identify who may need to be trained in what regarding the stormwater permits.</p> <p>2. Description: 7-1 MG12 Coalition (GRANT; COALITION OPERATIONS). IMA. By 9/30/2017, the Coalition Program Coordinator will consult with Board members to finalize the content of the Coalition Intermunicipal Agreement (IMA) and prepare paperwork such that the IMA can be executed by at least ten Coalition members by September 30, 2017. The IMA contract end date minimally must incorporate the contract end date of the REDC/NYSDEC WQIP Contract #C00081GG, which is May 31, 2020.</p> <p>*****</p> <p>B. "Administrative" Requirements in DRAFT MS4 Permit:</p> <p>1. Stormwater Program Coordinator (designated in writing)</p> <p>2. Sharing Resources (legally binding; signed and dated by all parties; kept up to date; is part of the SWMP Plan)</p> <p>3. Staffing Plan/Organizational Chart (written staffing plan, identifies individuals, including those identified in "Sharing Resources" documentation; identifies the roles/responsibilities associated with each required element of program)</p> <p>*****</p> <p>C. New Goals (Activities):</p> <p>1. Update organizational chart</p>

Activity Logs

Activity Date	Data Type	Quantity	Comments
12/08/2017			Town signs Coalition Intermunicipal Agreement-Memorandum of Understanding (1/1/2018 to 12/31/2023)
12/29/2017			Town organization chart updated as needed

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Photos

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Guilderland-Town (MS4 Permit #NYR20A211) BMP Detail | Minimum Control Measure: 1B SW Mgmt Program Requirements - Mapping (GP-0-17-002 DRAFT MS4 Permit) - SWMP

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>A. Previous Mapping Goals for 2018 from SWMPv5: See MCM 3, 4, and 5</p> <p>*****</p> <p>B. Mapping Requirements from GP-0-17-002 DRAFT MS4 Permit:</p> <ol style="list-style-type: none"> 1. Show entire small MS4 conveyance system 2. Location of all outfalls with priority rating identified 3. Additional designated boundaries 4. Names & location of all surface waters of the state within regulated area (classification; impairment and POC, if applicable; TMDL watershed area) 5. Location of all interconnected MS4 outfall with name and contact MS4 operator 6. Location and type of conveyance - closed pipe or open drainage (drop inlet/catch basin/ manhole locations/ number/size of connections to catch basins and manholes; direction of flow). 7. Catch basins 8. Roads 9. Land area draining to MS4 (i.e. sewersheds) 10. Land cover areas 11. Topography (USGS Quadrangle Map or better) 12. Areas of concern (areas served by sanitary sewer; areas served by septic system; commercial/industrial areas) 13. Post Construction Stormwater Management Practices 14. Municipal facilities 15. Location of suspected, confirmed, and corrected illicit discharges 16. Required format, scale, and detail of map shall be appropriate to facilitate a clear understanding of system 17. The map shall be updated annually to reflect newly discovered information and required corrections or modifications 18. The map shall be updated annually to reflect revised prioritization as new information becomes available <p>*****</p> <p>C. New Goals (Activities):</p> <ol style="list-style-type: none"> 1. Provide T/Guild staff with username/password to access the Coalition-wide Stormwater Interactive Mapper (SwIM); provide training as needed.

Activity Logs

Activity Date	Data Type	Quantity	Comments
01/31/2018			All mapping completed as part of Coalition DEC grant (w/Town and Coalition staff)--includes storm system; PCSMPs; updated outfalls; municipal facility boundaries

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No photos to display



Guilderland-Town (MS4 Permit #NYR20A211) BMP Detail | Minimum Control Measure: 1C SW Mgmt Program Requirements - Legal Authority (GP-0-17-002 DRAFT MS4 Permit) - S

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description: A. Previous "Legal Authority" Goals for 2018 from SWMPv5 related to MCM3 IDDE and MCM 4/5 Construction Activity Permit: ***** B. "Legal Authority" Requirements in DRAFT MS4 Permit: 1. Similar to current MS4 Permit for MCM 3 IDDE Traditional and Non Traditional MS4s 2. Similar to current MS4 Permit for MCM 4 and 5 (Conformance with Construction Activity Permit) Traditional and Non Traditional MS4s ***** C. New Goals (Activities):	

Activity Logs

Activity Date	Data Type	Quantity	Comments
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Guilderland-Town (MS4 Permit #NYR20A211) BMP Detail | Minimum Control Measure: 1D SW Mgmt Program Requirements - Enforcement Measures & Track'g (GP-0-17-002 DRAFT)

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	<p>Description:</p> <p>A. Previous "Enforcement Measures and Tracking" related Goals for 2018 from SWMPv5: :</p> <p>*****</p> <p>B. "Enforcement Measures & Tracking" Requirements in DRAFT MS4 Permit:</p> <p>1. Develop and implement an enforcement response plan (ERP) which clearly describes the action(s) to be taken for violations of local laws for illicit discharges, construction and post-construction.</p> <p>2. ERP must address repeat and continuing violations through progressively stricter response (escalation of enforcement) as needed to achieve compliance with the terms and conditions of this permit.</p> <p>3. ERP must describe how MS4 Operator will use the following types of enforcement responses or combination of responses based on type, magnitude, and duration of violation, effect of violation on receiving water, compliance history of operator, and good faith of the operator in compliance efforts (verbal warnings; written notices; citations (with fines); stop work orders; withholding of plan approvals or authorizations; additional measures supported in local legal authorities, such as collecting against the project's bond or directly billing the responsible party to pay for work and materials to correct violations.</p> <p>4. Enforcement Tracking-MS4 Operator must track instances of non-compliance. Enforcement case documentation must include, at a minimum: name of owner/operator; location of stormwater source; description of violation; description of enforcement response use, including escalation; accompanying documentation of enforcement responses; any referrals to different departments of agencies; date violation was resolved.</p> <p>*****</p> <p>C. New Goals (Activities):</p>	

Activity Logs

Activity Date	Data Type	Quantity	Comments
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Guilderland-Town (MS4 Permit #NYR20A211) BMP Detail | Minimum Control Measure: 2A-1 Public Education/Outreach (MCM1 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annual Evalu

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <ol style="list-style-type: none"> 1. Description: 1-3 MG3 T/Guilderland. By 3/9/2018, T/Guilderland SW Prgc Coordinator reviews Town's SW Webpage and updates the content (forms, grading/E-SC related permit, messages, links to DEC, local drainage studies, etc). Monitors links back and forth between Coalition and Town website. 2. Description: 1-8 MG3 T/Guilderland. By 3/9/2018, the T/Guilderland Stormwater Program Coordinator will post stormwater information on Public Access TV. Target audience: Residents. Message-various (litter, car washing, Household Hazardous Waste Collection Day, swimming pool discharges). 3. Description: 1-17 MG3 T/Guilderland. By 3/9/2018, the T/Guilderland SW Prog Coor will maintain the stormwater brochure rack located in front of the building department. Multiple brochures are displayed and updated to better match seasonal pollutants of concern. Distribution is monitored and tracked annually for MS4 Permit Annual Report. 4. Description: 1-20 MG3 T/Guilderland. By 3/9/2018, the T/Guilderland SW Program Coordinator responds to all queries from Homeowner's Association, local Neighborhood Associations, and the general public. The Program Coordinator tracks all publications distributed and time spent in response. If meetings are held, log is kept of meeting date. <p>New Goals (Activities):</p> <ol style="list-style-type: none"> 1. Update stormwater info on Town website (literature) 2. For 2018/2019, the Coalition will provide the Town with a Public Education Program Development Tool for Traditional MS4s which identifies the location of residential, commercial, institution, industrial target audiences within the Town; the associated pollution generating behaviors; likely Pollutants of Concern; the location of streams; and the classified "Best Use" of these streams.

Activity Logs

Activity Date	Data Type	Quantity	Comments
05/31/2017			Town SW Webpage updated with recent info and stormwater messages.
07/28/2017			Stormwater messages posted in Public Access TV (summer, 2017)
03/09/2018			Three Homeowner Associations received help from Stormwater Program Coordinator (Woodscape; Kenywyck; Country Village). Issues: drainage - stagnant stormwater in backyards
03/09/2018			Stormwater brochure rack in Building Dept is replenished routinely with brochures (Scoop the Poop; What's in Your Lawn?; Algal Bloom info; Swimming Pool discharges; etc.) Publication amounts recorded annually.

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Guilderland-Town (MS4 Permit #NYR20A211) BMP Detail | Minimum Control Measure: 2B-2 Public Participation/Involvement (MCM2 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annual

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <ol style="list-style-type: none"> 1. Description: 2-2 MG2 T/Guilderland. By 6/1/2017, the T/Guilderland SW Program will post the FINAL Joint Annual Report on the T/Guilderland Stormwater page. Posting occurs in the permit year ending 3/9/2018. 2. Description: 2-5 MG2 T/Guilderland. By 3/9/2018 the T/Guilderland SW Program Coordinator will review complaint procedures completed in 2016 and update as needed. Complaint data is routinely tracked. 3. Description: 2-6 MG3 T/Guilderland. By 3/9/2018, T/Guilderland SW Program Coordinator will collect data from the Highway Dept responsible for organizing volunteer clean up of select roadways in the Town. Data includes: name of organization providing volunteers, date of clean up, and possibly # of bags collected roadside by State (if State Rd) or Town (if Town road). <p>New Goals (Activities):</p> <ol style="list-style-type: none"> 1. Continue to maintain log of Complaints and Town response 2. Continue to monitor roadside clean up by volunteers 3. Assist in promoting WAVE volunteer monitoring (July 1 to Sept 30) 4. Continue to solicit Public Comment for DRAFT Annual Report via Coalition website

Activity Logs

Activity Date	Data Type	Quantity	Comments
06/30/2017			Town SW Program Coordinator received data from Highway Dept regarding Muffin Club Clean up activities (Town or State Roads)
06/01/2017			DRAFT Joint Annual Report (include T/Guild info) posted for Public Comment on Coalition website. No T/Guild Public Comments received. FINAL Joint Annual Report posted on Coalition and Town of Guilderland website.
05/31/2017			Procedure reviewed and complaints documented in writing.

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Town of Guilderland SWMP Doc 2018 to 2019
Annual Evaluation (April, 2018)



Guilderland-Town (MS4 Permit #NYR20A211) BMP Detail | Minimum Control Measure: 2C--3 Illicit Discharge Detection & Elimination (MCM3 SWCoal/Mbr MS4s) SWMP '18 to '19 -

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <ol style="list-style-type: none"> 1. Description: 3-4 MG16 Coalition & Town of Guilderland staff (GRANT). KRUMKILL. By 3/9/2018 100% of Town of Guilderland storm system located in the Krumkill watershed is mapped, includes QA/QC, topology checks. Data posted on Coalition mapper. Mapping team includes Coalition staff, grant funded mapping technicians, and Town of Guilderland staff. 2. Description: 3-4 MG23 Coalition & Town of Guilderland staff (GRANT). STORM MAPPING-NOT PRIORITY WATERSHEDS. By 3/9/2018 70% of Town of Guilderland storm system located outside Krumkill watershed is mapped, includes QA/QC, topology checks. Data posted on Coalition mapper. 3. Description: 3-4 MG24 Coalition & Town of Guilderland staff (GRANT). STORM MAPPING-NOT PRIORITY WATERSHEDS. By 3/9/2019 100% of Town of Guilderland storm system located outside Krumkill watershed is mapped, includes QA/QC, topology checks. Data posted on Coalition mapper. 4. Description: 3-4 MG11 Coalition, Albany County, Town of Guilderland (GRANT) FATROON. By 3/9/2017 Coalition Program Technician, County, and T/Guilderland staff complete 100% storm system mapping of infrastructure in Patroon Creek watershed owned by County and Town of Guilderland, includes QA/QC and topology checks. Data posted on Coalition mapper. 5. Description: 3-5 MG2 T/Guilderland. By 3/9/2018, the T/Guilderland SW Program Coordinator will use the updated DEC grant funded outfall map to develop a ORI inspection schedule. Inspections conducted as indicated in the revised map. <p>New Goals (Activities):</p> <ol style="list-style-type: none"> 1. Will train staff at Highway Dept to conduct ORI outfall inspections. 2. Will develop ORI schedule based on completed outfall mapping. 3. Followed up on illicit discharge from septic system (sanitary and grey water); contacted County DOH, who completed follow up action.

Activity Logs

Activity Date	Data Type	Quantity	Comments
03/09/2018			ORI inspection schedule considered, but not finalized.
01/31/2018			Storm system and program mapping completed for entire Town (Highway and Coalition staff). Mapping data provided to Town and posted on Coalition Stormwater Interactive Mapper (SWIM). Included update of regulatory outfalls; archived outfalls in dataset, along with corrected outfalls. New outfall count (317); previous outfall count (192). All post construction stormwater practices inventoried and mapped; along municipal facility boundaries.
01/31/2018			T/Guilderland system and outfall mapping data prepared for storm sewershed delineations.

Files

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Photos

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Guilderland-Town (MS4 Permit #NYR20A211) BMP Detail | Minimum Control Measure: 2D-4 Construction Site Runoff Control (MCM4 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annual

Added:	3/23/2018	Due:	3/9/2019
Completed:	NA	Description:	Previous Goals for 2018 from SWMPv5:
		New Goals (Activities):	
			1. Continue with oversight of Construction Activity Permit as defined in current MS4 Permit. Procedures up to date.
			2. Will participate in Coalition/grant funded creation of MS4 Construction Permit inspection and integration with GIS. Received tablet and participate in training.

Activity Logs

Activity Date	Data Type	Quantity	Comments
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Photos

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Guilderland-Town (MS4 Permit #NYR20A211) BMP Detail | Minimum Control Measure: 2E-5 Post-Construction Stormwater Mgmt (MCM5 SWCoal/Mbr MS4s) SWMP '18 to '19 - Ar

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <p>1. Description: 5-8 MG2 T/Guilderland. By 3/9/2018, T/Guilderland SW Prcg Coordinator will review the current inventory of post construction practices and update as needed. Inventory process will be coordinated with DEC grant funded mapping project which includes mapping post construction practices.</p> <p>New Goals (Activities):</p> <p>1. Participate in Coalition grant to develop PC SMP inspections, purchase tablets, and receive training.</p>

Activity Logs

Activity Date	Data Type	Quantity	Comments
01/31/2018			Post Construction SW Practices inventoried and mapped (Coalition/DEC Grant)

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Photos

No photos to display



Guilderland-Town (MS4 Permit #NYR20A211) BMP Detail | Minimum Control Measure: 2F-6 Pollution Prevention/Good Housekeep'g (MCM6 SWCoal/Mbr MS4s) SWMP '18 to '19 -

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <ol style="list-style-type: none"> 1. Description: 6-1 MG3 T/Guilderland. By 3/9/2018, T/Guilderland SW Program Coordinator will review current Inventory of Town facilities; with DEC grant funded support from Coalition, map facilities; post map data on GIS/SwIM; and establish a tri-annual (every 3 year) reassessment schedule. 2. Description: 6-2 MG3 T/Guilderland. By 3/9/2018, T/Guilderland SW Program Coordinator will complete facility self audits using the SW Coalition Self Audit Form as needed given tri-annual assessment schedule. Related BMP Summary Sheets developed as needed for facilities. 3. Description: 6-4 MG3 T/Guilderland. By 3/9/2018, T/Guilderland will sweep 50% of total lane miles (total lane miles = 343), so goal is to sweep 171 lane miles. 4. Description: 6-8 MG3 T/Guilderland. By 3/9/2018, T/Guilderland Stormwater Coordinator will track number of HHWD Clean Up events organized by the Town over the past year, and collect summary data reports documenting the amount of hazardous waste collected. Typically there are two HHWD Collection Days, one in May, the other in September. <p>New Goals (Activities):</p> <ol style="list-style-type: none"> 1. Review mapping and update tri-annual review schedule; complete municipal facilities currently on tri-annual schedule; complete self audits for some of the newly mapped facilities. 2. Continue street sweeping (50% of 372 lane miles) 3. Record data and dates of Household Hazardous Waste Collection (Spring and Fall of 2018) 4. Participate Coalition grant funded Form development for Municipal Self Audits; purchase and use of tablets.

Activity Logs

Activity Date	Data Type	Quantity	Comments
01/31/2018			Completed mapping of all Town Municipal Facilities; need to still integrate with tri-annual assessment.
02/28/2018			Completed ~5 municipal facility self audits (on list tri-annual review); no issues.
03/09/2018			Two Household Hazardous Waste Collection events (Spring, 2017 and Fall, 2017)
03/09/2018			Complete street sweeping (171 miles and 342 lane miles), completed at least 50% annually.

Files

No files to display

Photos

No photos to display



Menands-Village (MS4 Permit #NYR20A144) BMP Detail | Minimum Control Measure: 1A SW Mgmt Program Requirements - Administrative (GP-0-17-002 DRAFT MS4 Permit) - SW

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	<p>Description:</p> <p>A. Previous 'Administrative' Goals for 2018 from SWMPv5:</p> <p>1. Description: 7-1 MG12 Coalition (GRANT; COALITION OPERATIONS). IMA. By 9/30/2017, the Coalition Program Coordinator will consult with Board members to finalize the content of the Coalition Intermunicipal Agreement (IMA) and prepare paperwork such that the IMA can be executed by at least ten Coalition members by September 30, 2017. The IMA contract end date minimally must incorporate the contract end date of the REDC/NYSDEC WQIP Contract #C00081GG, which is May 31, 2020.</p> <p>*****</p> <p>B. 'Administrative' Requirements in DRAFT MS4 Permit:</p> <p>1. Stormwater Program Coordinator (designated in writing)</p> <p>2. Sharing Resources (legally binding; signed and dated by all parties; kept up to date; is part of the SWMP Plan)</p> <p>3. Staffing Plan/Organizational Chart (written staffing plan, identifies individuals, including those identified in "Sharing Resources" documentation; identifies the roles/responsibilities associated with each required element of program)</p> <p>*****</p> <p>C. New Goals (Activities):</p>	

Activity Logs

Activity Date	Data Type	Quantity	Comments
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Files

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Photos

No photos to display



Menands-Village (MS4 Permit #NYR20A144) BMP Detail | Minimum Control Measure: 1B SW Mgmt Program Requirements - Mapping (GP-0-17-002 DRAFT MS4 Permit) - SWMP "

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description: A. Previous Mapping Goals for 2018 from SWMPv5: Goals ***** B. Mapping Requirements from GP-0-17-002 DRAFT MS4 Permit: 1. Show entire small MS4 conveyance system 2. Location of all outfalls with priority rating identified 3. Additional designated boundaries 4. Names & location of all surface waters of the state within regulated area (classification; impairment and POC, if applicable; TMDL watershed areas) 5. Location of all interconnected MS4 outfall with name and contact MS4 operator 6. Location and type of conveyance - closed pipe or open drainage (drop inlet/catch basin/ manhole locations/ number/size of connections to catch basins and manholes; direction of flow). 7. Catch basins 8. Roads 9. Land area draining to MS4 (i.e. sewersheds) 10. Land cover areas 11. Topography (USGS Quadrangle Map or better) 12. Areas of concern (areas served by sanitary sewer; areas served by septic system; commercial/industrial areas) 13. Post Construction Stormwater Management Practices 14. Municipal facilities 15. Location of suspected, confirmed, and corrected illicit discharges 16. Required format, scale, and detail of map shall be appropriate to facilitate a clear understanding of system 17. The map shall be updated annually to reflect newly discovered information and required corrections or modifications 18. The map shall be updated annually to reflect revised prioritization as new information becomes available ***** C. New Goals (Activities):	

Activity Logs			
Activity Date	Data Type	Quantity	Comments
Files			
No files to display			
Photos			
No photos to display			



Menands-Village (MS4 Permit #NYR20A144) BMP Detail | Minimum Control Measure: 1C SW Mgmt Program Requirements - Legal Authority (GP-0-17-002 DRAFT MS4 Permit) - S\

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description: A. Previous "Legal Authority" Goals for 2018 from SWMPv5 related to MCM3 IDDE and MCM 4/5 Construction Activity Permit: ***** B. "Legal Authority" Requirements in DRAFT MS4 Permit: 1. Similar to current MS4 Permit for MCM 3 IDDE Traditional and Non Traditional MS4s 2. Similar to current MS4 Permit for MCM 4 and 5 (Conformance with Construction Activity Permit) Traditional and Non Traditional MS4s ***** C. New Goals (Activities):	

Activity Logs

Activity Date	Data Type	Quantity	Comments
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Files

No files to display

Photos

No photos to display



Menands-Village (MS4 Permit #NYR20A144) BMP Detail | Minimum Control Measure: 1D SW Mgmt Program Requirements - Enforcement Measures & Tracking (GP-0-17-002 DRAFT)

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description: A. Previous "Enforcement Measures and Tracking" related Goals for 2018 from SWMPv5: : ***** B. "Enforcement Measures & Tracking" Requirements in DRAFT MS4 Permit: 1. Develop and implement an enforcement response plan (ERP) which clearly describes the action(s) to be taken for violations of local laws for illicit discharges, construction and post-construction. 2. ERP must address repeat and continuing violations through progressively stricter response (escalation of enforcement) as needed to achieve compliance with the terms and conditions of this permit. 3. ERP must describe how MS4 Operator will use the following types of enforcement responses or combination of responses based on type, magnitude, and duration of violation, effect of violation on receiving water, compliance history of operator, and good faith of the operator in compliance efforts (verbal warnings; written notices; citations (with fines); stop work orders; withholding of plan approvals or authorizations; additional measures supported in local legal authorities, such as collecting against the project's bond or directly billing the responsible party to pay for work and materials to correct violations. 4. Enforcement Tracking-MS4 Operator must track instances of non-compliance. Enforcement case documentation must include, at a minimum: name of owner/operator; location of stormwater source; description of violation; description of enforcement response use, including escalation; accompanying documentation of enforcement responses; any referrals to different departments of agencies; date violation was resolved. ***** C. New Goals (Activities):	

Activity Logs

Activity Date	Data Type	Quantity	Comments
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Files

No files to display

Photos

No photos to display



Menands-Village (MS4 Permit #NYR20A144) BMP Detail | Minimum Control Measure: 2A-1 Public Education/Outreach (MCM1 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annual Evaluat

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	<p>Description:</p> <p>Previous Goals for 2018 from SWMPv5:</p> <p>1. Description: 1-9 MG3 V/Menands. By 3/9/2018, the Village of Menands Program Coordinator will prepare an article(s) about development activity in the Village. The article(s) will explain the purpose and benefits of stormwater practices observed at these sites (erosion/sediment control; sw ponds, etc.) and encourage the public to contact the Village if there are complaints. The article will circulate in the Village newsletter (Menands Activities) and be posted on their website. Target audience: Residents and Businesses. Teh same article may be mailed out in water utility bills.</p> <p>2. Description: 1-16 MG2 V/Menands. By 3/9/2018, the V/Menands SW Program Coordinator will promote and explain the Village's participation in the T/Colonie Household Hazardous Waste Collection Day. This will be an article in the Village newsletter, Menands Activities.</p> <p>3. Description: 1-17 MG1 V/Menands. The V/Menand SW Prog Coor will continue to maintain the stormwater brochure rack in the Village office. 3 brochures will be distributed: After The Storm; Get the Scoop-Pet Waste; and Use of Pesticides and Fertilizers on Lawns. Distribution will be monitored and # of publications distributed tracked annually.</p> <p>4. Description: 1-17 MG2 V/Menands. By 3/9/2018, the V/Menands SW Prog Coor will continue to maintain the stormwater brochure rack in the Village office. 3 brochures will be distributed: After The Storm; Get the Scoop-Pet Waste; and Use of Pesticides and Fertilizers on Lawns. Distribution will be monitored and # of publications distributed tracked annually.</p> <p>New Goals (Activities):</p> <p>1. For 2018/2019, the Coalition will provide the Village with a Public Education Program Development Tool for Traditional MS4s which identifies the location of residential, commercial, institution, industrial target audiences within the Village; the associated pollution generating behaviors; likely Pollutants of Concern; the location of streams; and the classified "Best Use" of these streams.</p>	

Activity Logs

Activity Date	Data Type	Quantity	Comments
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Files

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Photos

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Menands-Village (MS4 Permit #NYR20A144) BMP Detail | Minimum Control Measure: 2B-2 Public Participation/Involvement (MCM2 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annual

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description: Previous Goals for 2018 from SWMPv5: 1. Description: 2-2 MG3 V/Menands. By 3/9/2018, the V/Menands SW Program Coordinator will brief the Village Board about the MS4 Permit Annual Report due June 1, 2017 (AR2017) 2. Description: 2-5 MG2 V/Menands. By 3/9/2018, written complaint procedures developed by the Village of Menands Stormwater Program Coordinator will be distributed and explained to the Village Mayor, Village Board, Village Clerk, and DPW Foreman. New Goals (Activities):	

Activity Logs			
Activity Date	Data Type	Quantity	Comments

Files			
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Photos			
No photos to display			



Menands-Village (MS4 Permit #NYR20A144) BMP Detail | Minimum Control Measure: 2C--3 Illicit Discharge Detection & Elimination (MCM3 SWCoal/Mbr MS4s) SWMP '18 to '19 - .

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description: Previous Goals for 2018 from SWMPv5: 1. Description: 3-4 MG22 Coalition, Village of Menands, Town of New Scotland, Village of Colonie, Albany County staff (GRANT). STORM MAPPING-NOT PRIORITY WATERSHEDS. By 3/9/2018, complete storm system mapping for Village of Menands, Town of New Scotland, Village of Colonie, and Albany County. Includes QA/QC, topology checks. Data posted on Coalition mapper. 2. Description: 3-4 MG2 V/Menands & Coalition. By 3/9/2019, as part of DEC grant, the Village of Menands SW Program Coordinator will oversee and coordinate with Coalition staff an updated storm system infrastructure map. 3. Description: 3-5 MG2 V/Menands. By 3/9/2018, the Village of Menands SW Program Coordinator will oversee and coordinate with Coalition staff the ongoing inventory of outfalls (Total outfalls = 33, Goal 20% per year) 4. Description: 3-8 MG1 V/Menands. By 3/9/2017, the Village of Menands SW Program Coordinator updates existing IDDE Program Procedures and explains/distributes procedures to Village Mayor, Village Board, Village Clerk, and DPW Foreman. IDDE Procedures are filed with Village Clerk. New Goals (Activities):	

Activity Logs			
Activity Date	Data Type	Quantity	Comments

Files
No files to display

Photos
No photos to display



Menands-Village (MS4 Permit #NYR20A144) BMP Detail | Minimum Control Measure: 2D-4 Construction Site Runoff Control (MCM4 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annual

Added:	3/23/2018	Due:	3/9/2019
Completed:	NA	Description:	Previous Goals for 2018 from SWMPv5:
		New Goals (Activities):	

Activity Logs

Activity Date	Data Type	Quantity	Comments
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Files

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Photos

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Menands-Village (MS4 Permit #NYR20A144) BMP Detail | Minimum Control Measure: 2E-5 Post-Construction Stormwater Mgmt (MCM5 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annual Evaluation

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	Previous Goals for 2018 from SWMPv5:
		New Goals (Activities):	

Activity Logs

Activity Date	Data Type	Quantity	Comments
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Files

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Photos

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Menands-Village (MS4 Permit #NYR20A144) | BMP Detail | Minimum Control Measure: 2F-6 Pollution Prevention/Good Housekeep'g (MCM6 SWCoal/Mbr MS4s) SWMP '18 to '19 - /

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description: Previous Goals for 2018 from SWMPv5: 1. Description: 6-1 MG1 V/Menands. The Village of Menands inventory for facilities and operations is functionally complete. There remain infrastructure dra nage questions at select facilities, but these are minor. Location and 3 year assessment schedule is on a GIS. 2. Description: 6-2 MG2 V/Menands & Coalition. By 3/9/2018, V/Menands & Coalition staff will review BMP Summary Sheets developed for each V/Menands facility (2014 & 2015); implement named goals; revise as needed. 3. Description: 6-3 MG3 V/Menands. By 3/9/2018 the Village of Menands will inspect and clean out 100% of catch basins in jurisdiction. Will establish and document total number of catch basins. 4. Description: 6-8 MG2 V/Menands. By 3/9/2018 the Village of Menands participates in the Household Hazardous Waste Collection program located and coordinated by the Town of Colonie. Data pertaining to Village participation is included in the Town of Colonie data. Active promotion by Village is for one collection event per year. 5. Description: 6-25 MG2 V/Menands. By 3/9/2018 review which vendors need to provide Third Party Certification Formsl obtain signed certification statements. New Goals (Activities):	

Activity Logs			
Activity Date	Data Type	Quantify	Comments

Files
No files to display

Photos
No photos to display



New Scotland-Town (MS4 Permit #NYR20A463) BMP Detail | Minimum Control Measure: 1A SW Mgmt Program Requirements - Administrative (GP-0-17-002 DRAFT MS4 Permit) -

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	<p>Description:</p> <p>A. Previous "Administrative" Goals for 2018 from SWMPv5:</p> <p>1. Description: 7-1 MG12 Coalition (GRANT; COALITION OPERATIONS). IMA. By 9/30/2017, the Coalition Program Coordinator will consult with Board members to finalize the content of the Coalition Intermunicipal Agreement (IMA) and prepare paperwork such that the IMA can be executed by at least ten Coalition members by September 30, 2017. The IMA contract end date minimally must incorporate the contract end date of the REDC/NYSDEC WQIP Contract #C00081GG, which is May 31, 2020.</p> <p>*****</p> <p>B. "Administrative" Requirements in DRAFT MS4 Permit:</p> <p>1. Stormwater Program Coordinator (designated in writing)</p> <p>2. Sharing Resources (legally binding; signed and dated by all parties; kept up to date; is part of the SWMP Plan)</p> <p>3. Staffing Plan/Organizational Chart (written staffing plan, identifies individuals, including those identified in "Sharing Resources" documentation; identifies the roles/responsibilities associated with each required element of program)</p> <p>*****</p> <p>C. New Goals (Activities):</p>	

Activity Logs

Activity Date	Data Type	Quantity	Comments
12/15/2017			Town of New Scotland signed Coalition IMA-MOU (1/1/2018 to 12/31/2023)

Files

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Photos

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New Scotland-Town (MS4 Permit #NYR20A463) BMP Detail | Minimum Control Measure: 1B SW Mgmt Program Requirements - Mapping (GP-0-17-002 DRAFT MS4 Permit) - SWM

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>A. Previous Mapping Goals for 2018 from SWMPv5: Goals</p> <p>*****</p> <p>B. Mapping Requirements from GP-0-17-002 DRAFT MS4 Permit:</p> <ol style="list-style-type: none"> 1. Show entire small MS4 conveyance system 2. Location of all outfalls with priority rating identified 3. Additional designated boundaries 4. Names & location of all surface waters of the state within regulated area (classification; impairment and POC, if applicable; TMDL watershed ares) 5. Location of all interconnected MS4 outfall with name and contact MS4 operator 6. Location and type of conveyance - closed pipe or open drainage (drop inlet/catch basin/ manhole locations/ number/size of connections to catch basins and manholes; direction of flow). 7. Catch basins 8. Roads 9. Land area draining to MS4 (i.e. sewersheds) 10. Land cover areas 11. Topography (USGS Quadrangle Map or better) 12. Areas of concern (areas served by sanitary sewer; areas served by septic system; commercial/industrial areas) 13. Post Construction Stormwater Management Practices 14. Municipal facilities 15. Location of suspected, confirmed, and corrected illicit discharges 16. Required format, scale, and detail of map shall be appropriate to facilitate a clear understanding of system 17. The map shall be updated annually to reflect newly discovered information and required corrections or modifications 18. The map shall be updated annually to reflect revised prioritization as new information becomes available <p>*****</p> <p>C. New Goals (Activities):</p> <ol style="list-style-type: none"> 1. With Coalition staff, all storm system and program mapping (outfalls, PC SMPs, municipal facility) will be completed. Final outfall count will be established and all data posted on the Coalition SwIM application which GIS layers itemized in DRAFT MS4 Permit.

Activity Logs

Activity Date	Data Type	Quantity	Comments
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Files

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Photos

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New Scotland-Town (MS4 Permit #NYR20A463) BMP Detail | Minimum Control Measure: 1C SW Mgmt Program Requirements - Legal Authority (GP-0-17-002 DRAFT MS4 Permit)

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description: A. Previous "Legal Authority" Goals for 2018 from SWMPv5 related to MCM3 IDDE and MCM 4/5 Construction Activity Permit: ***** B. "Legal Authority" Requirements in DRAFT MS4 Permit: 1. Similar to current MS4 Permit for MCM 3 IDDE Traditional and Non Traditional MS4s 2. Similar to current MS4 Permit for MCM 4 and 5 (Conformance with Construction Activity Permit) Traditional and Non Traditional MS4s ***** C. New Goals (Activities):	

Activity Logs

Activity Date	Data Type	Quantity	Comments
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Files

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Photos

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New Scotland-Town (MS4 Permit #NYR20A463) BMP Detail | Minimum Control Measure: 1D SW Mgmt Program Requirements - Enforcement Measures & Track'g (GP-0-17-002 DR

Added: 3/27/2018 Due: 3/9/2019

Completed: NA Description:

A. Previous "Enforcement Measures and Tracking" related Goals for 2018 from SWMPv5: :

B. "Enforcement Measures & Tracking" Requirements in DRAFT MS4 Permit:

1. Develop and implement an enforcement response plan (ERP) which clearly describes the action(s) to be taken for violations of local laws for illicit discharges, construction and post-construction.

2. ERP must address repeat and continuing violations through progressively stricter response (escalation of enforcement) as needed to achieve compliance with the terms and conditions of this permit.

3. ERP must describe how MS4 Operator will use the following types of enforcement responses or combination of responses based on type, magnitude, and duration of violation, effect of violation on receiving water, compliance history of operator, and good faith of the operator in compliance efforts (verbal warnings; written notices; citations (with fines); stop work orders; withholding of plan approvals or authorizations; additional measures supported in local legal authorities, such as collecting against the project's bond or directly billing the responsible party to pay for work and materials to correct violations.

4. Enforcement Tracking-MS4 Operator must track instances of non-compliance. Enforcement case documentation must include, at a minimum: name of owner/operator; location of stormwater source; description of violation; description of enforcement response use, including escalation; accompanying documentation of enforcement responses; any referrals to different departments of agencies; date violation was resolved.

C. New Goals (Activities):

Activity Logs

Activity Date	Data Type	Quantity	Comments

Files

No files to display

Photos

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New Scotland-Town (MS4 Permit #NYR20A463) BMP Detail | Minimum Control Measure: 2A-1 Public Education/Outreach (MCM1 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annual Ev

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <p>1. Description: 1-11 MG3 T/New Scotland. By 3/9/2018, T/New Scotland stormwater staff will require that all post-construction stormwater practices named in the NYSDEC Stormwater Management Design Manual and approved by the Town will have the necessary signage, as per Chapter 3 of the Design Manual. Town staff will include this requirement in their SWPPP Review procedures and ensure that a detail of the signage is included in the approved site plans. Stormwater Program Coordinator will ensure that signage is installed prior to sign off on Notice of Termination. Photos of sign(s) are included with SWPPP records.</p> <p>2. New Description: 1-12 MG3 T/New Scotland. By 3/9/2018, the T/New Scotland stormwater staff will use the Town Facebook platform to post stormwater-related information (4 posts).</p> <p>3. Description: 1-16 MG3 T/New Scotland. By 3/9/2018, the T/New Scotland stormwater staff arrange to have a water quality message inserted into HHWC Day promotional material (flyer posted on website and Town Hall bulletin board). HHWC Day is located at T/New Scotland Highway Garage, typically in May.</p> <p>4. Description: 1-17 MG3 T/New Scotland. By 3/9/2018, the T/New Scotland will maintain a brochure rack at Town Hall. The distribution of publications is tracked annually for the MS4 Permit annual report and replenished as needed.</p> <p>Goals (Activities):</p> <p>1. For 2018/2019, continue to maintain brochure rack with sw literature and include water quality message in promotion of Household Hazardous Waste Collection Day.</p> <p>2. For 2018/2019, the Coalition will provide the Town with a Public Education Program Development Tool for Traditional MS4s which identifies the location of residential, commercial, institution, industrial target audiences within the Town; the associated pollution generating behaviors; likely Pollutants of Concern; the location of streams; and the classified "Best Use" of these streams.</p> <p>3. For 2018/2019 monitor implementation of signage requirement during SWPPP Review and progress including this requirement in updated zoning law.</p> <p>4. For 2018/2019 use website and Facebook to promote stormwater related information.</p>

Activity Logs

Activity Date	Data Type	Quantity	Comments
03/09/2018			For this reporting period, brochure rack maintained with stormwater info; # of brochures distributed recorded in Annual Report.
03/09/2018			For this reporting period, no Facebook posting pertaining to stormwater education.
03/09/2018			For this reporting period, Town website and hard copy flyer on Town bulletin board promoted Household Hazardous Waste Collection Day-message/flyer included a water quality message (HHWC Day 3/18/17)
03/09/2018			For this reporting period, new, proposed zoning includes this signage requirement for all post-construction sw practices. For new development projects, as part of SWPPP review signage requirement explained.

Files

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Photos

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New Scotland-Town (MS4 Permit #NYR20A463) BMP Detail | Minimum Control Measure: 2B-2 Public Participation/Involvement (MCM2 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annual Evaluation

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <p>1. Description: 2-2 MG2 T/New Scotland. By 6/1/2017, the T/New Scotland SW Program provides the Town Board with the DRAFT Joint Annual Report and posts the FINAL Joint Annual Report on the T/New Scotland stormwater page. Posting occurs in the permit year ending 3/9/2018.</p> <p>New Goals (Activities):</p> <p>1. For 2018/2019 post Joint DRAFT Annual Report on Coalition website, share with Town Board; solicit public comments; post FINAL Joint Annual Report on Coalition and Town website.</p> <p>2. For 2018/2019, promote Coalition WAVE volunteer monitoring (post volunteer recruitment info/flyer on Town bulletin board; website; and Facebook)</p>

Activity Logs

Activity Date	Data Type	Quantity	Comments
06/30/2017			DRAFT Joint Annual Report (included the Town of New Scotland Annual Report) was posted for public comment on the Coalition website and provided as an electronic copy to the Town Board; public comments included if any; FINAL Joint Annual Report was posted on the Coalition and Town website.
09/29/2017			As Coalition member Town promoted WAVE Volunteer Stream Monitoring (events in August, 2017); flyer on Town bulletin board.

Files

No files to display

Photos

No photos to display



New Scotland-Town (MS4 Permit #NYR20A463) BMP Detail | Minimum Control Measure: 2C--3 Illicit Discharge Detection & Elimination (MCM3 SWCoal/Mbr MS4s) SWMP '18 to '1

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <p>1. Description: 3-4 MG22 Coalition, Village of Menands, Town of New Scotland, Village of Colonie, Albany County staff (GRANT). STORM MAPPING-NOT PRIORITY WATERSHEDS. By 3/9/2018, complete storm system mapping for Village of Menands, Town of New Scotland, Village of Colonie, and Albany County. Includes QA/QC, topology checks. Data posted on Coalition mapper.</p> <p>New Goals (Activities):</p> <p>See SW Program Requirements Mapping for details of mapping effort in Town of New Scotland.</p>

Activity Logs

Activity Date	Data Type	Quantity	Comments
02/07/2018			Town of New Scotland SW staff met with Coalition mapping staff to review status of existing mapping data and develop schedule for future mapping. Mapping layers as detailed in Coalition grant (system, outfalls, PC SMPs; municipal facilities).

Files

No files to display

Photos

No photos to display



New Scotland-Town (MS4 Permit #NYR20A463) BMP Detail | Minimum Control Measure: 2D-4 Construction Site Runoff Control (MCM4 SWCoal/Mbr MS4s) SWMP '18 to '19 - Ann

Added:	3/23/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <p>1. Description: 4-7 MG3 T/New Scotland. By 3/9/2018, T/New Scotland stormwater staff will post the availability of NYSDEC approved 4Hr E-SC training for contractors on their website and/or Town Hall bulletin board.</p> <p>New Goals (Activities):</p> <p>1. For 2018/2019 continue to promote 4 hr E/SC course (bulletin board)</p> <p>2. For 2018/2019 Town oversight of Construction Activity permit requirements is adequate; pending release of new MS4 Permit. Will continue current SWPPP review procedures and MS4 inspections.</p>

Activity Logs

Activity Date	Data Type	Quantity	Comments
03/09/2018			For this reporting period, 2 4 hr E/SC training programs were co-sponsored with ACSWCD and Coalition. Town SW Program Coordinator promoted trainings on Town bulletin board and emailed info to applicants and contractors with upcoming projects in the Town.

Files

No files to display

Photos

No photos to display



New Scotland-Town (MS4 Permit #NYR20A463) BMP Detail | Minimum Control Measure: 2E-5 Post-Construction Stormwater Mgmt (MCM5 SWCoal/Mbr MS4s) SWMP '18 to '19 -

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <ol style="list-style-type: none"> 1. Description: 5-8 MG3 T/New Scotland. By 3/9/2018, the T/New Scotland stormwater staff will update the inventory of post-construction practices and record for each practice the information named in the MS4 Permit. New practices will be mapped (GPS/GIS) 2. Description: 5-9 MG5 T/New Scotland. By 3/9/2018, the T/New Scotland stormwater staff develop a set of documents which describe maintenance procedures for practices owned by the Town and procedures for ensuring that privately owned practices are maintained according to the SWPPP operation and maintenance manual. 3. Description: 5-9 MG6 T/New Scotland. By 3/9/2018, the T/New Scotland stormwater staff will inspect all post-construction stormwater practices (privately maintained and those maintained by the Town). Inspection will included documentation of observations. <p>New Goals (Activities):</p> <ol style="list-style-type: none"> 1. For 2018/2019 will update oversight of O & M process so that before Notice Of Termination is signed by Town, the SW Prog Coordinator/SMO will require PC SMP signage and that maintenance requirements are filed with deed (practice kept; inspected annually; and maintained) 2. Fo 2018/2019 with Coalition will support purchase of tablet and creation of electronic forms to support inspection of PC SMPs. 3. Fo 2018/2019 adopt new zoning law (Linkage Study 85/85A/Bender Farm) which encourages green infrastructure practices.

Activity Logs

Activity Date	Data Type	Quantity	Comments
03/09/2018			For this reporting period, new zoning laws for Linkage Study Area 85/85A/Bender Farm ~450 acres -estimated (currently zoned commercial) were drafted; reviewed extensively; and available for public comment multiple dates. Zoning includes open space requirements; conservation easements; riparian set backs; protection of wetlands; and protection of mature forests. Landscaping and stormwater management prioritizes protection of natural resources
03/09/2018			For this reporting period, the Town revised their O & M requirements modeled after the Town of Colonie. Document states that the practice will be kept, maintained, and inspected annually with this information recorded with the deed.
03/09/2018			For this reporting period, existing inventory and mapping (GPS/GIS) is adequate; plans in place for additional PC SMP mapping completed or near completion.

Files

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Photos

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Town of New Scotland SWMP Doc 2018 to 2019
Annual Evaluation (April, 2018)



New Scotland-Town (MS4 Permit #NYR20A463) BMP Detail | Minimum Control Measure: 2F-6 Pollution Prevention/Good Housekeep'g (MCM6 SWCoal/Mbr MS4s) SWMP '18 to '19

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <ol style="list-style-type: none"> 1. Description: 6-4 MG3 T/New Scotland. By 3/9/2018, the T/New Scotland stormwater staff will document the total road miles in the Town (150 road miles and total parking lot acreage. The Town will sweep 100 road miles (both sides) and 50% of parking lots. Spoils are swept to side of road/parking lot. Documentation provided to Stormwater Program Coordinator (Invoices, email communication, etc.) 2. Description: 6-8 MG2 T/New Scotland. By 3/9/2018, T/New Scotland will track number of HHWD Clean Up events organized by the Town over the past year, and collect summary data reports documenting the amount of hazardous waste collected. Typically there is one HWD Collection Day in May. Documentation will be filed with the stormwater staff. 3. Description: 6-11 MG2 T/New Scotland. By 3/9/2018, the T/New Scotland stormwater staff will consider options for ensuring that Town owned conveyance upgrades consider green infrastructure practices. 4. Description: 6-15 MG3 T/New Scotland. By 3/9/2018, staff will continue to sweep and remove excess salt from the salt storage loading area as described in the Highway Garage BMP. 5. Description: 6-19 MG3 T/New Scotland. By 3/9/2018, the T/New Scotland will document all work completed to date regarding discharge issues observed at the Highway Garage. Staff will establish a schedule for compliance which includes finalizing with NYSDEC Individual SPDES permit coverage for an oil/water separator discharging to a public right-of-way. 6. Description: 6-25 MG3 T/New Scotland. By 3/9/2018, review current list of vendors who have submitted Third Party Certification Forms; identify additional vendors; and update as needed. 7. Description: 8-1 MG2 T/New Scotland & Coalition. By 3/9/2018, Coalition staff will present to the Town Board an overview of Clean Water Act requirements. 8. Description: 8-4 MG3 T/New Scotland. By 3/9/2018, T/New Scotland stormwater staff conduct a training with all relevant new staff (Public Works, Highway, Building Dept) which includes showing one, some or all of the following 3 DVDs (IDDE-A Grate Concern; Spills and Skills; Rain Check) <p>New Goals (Activities):</p> <ol style="list-style-type: none"> 1. For 2018/2019, continue all Annual Report related documentation (sweeping, catch basins, HHWC data) 2. For 2018/2019, finalize Individual SPDES Permit for Oil and Water Separator at Highway Garage. 3. For 2018/2019, review and update Third Party Certification forms for vendors. 4. For 2018/2019, conduct training if possible about Clean Water Act for Town/Planning Board.

Activity Logs

Activity Date	Data Type	Quantity	Comments
03/09/2018			For 2018/2019 no presentation to Town Board by Coalition staff of Clean Water Act regs and other topics; no new relevant employees, therefore no DVD presentations (IDDE - A Grate Concern; Spills and Skills; Rain Check).
03/09/2018			For this reporting period, no changes to Third Party Certification documentation.
03/09/2018			For this reporting period, Town continues discussion with NYSDEC regarding discharge issues observed at highway garage (stream capacity; allowable discharges in general given baseline water quality; multiple reviews of design concepts and options).
03/09/2018			For this reporting period, Highway Department implemented road salt sweeping at garage.
03/09/2018			For this reporting period, Town SW Prcg Coordinator collected data included in Annual Report regarding the following: road miles and parking lots swept; summary data of amounts collected at HHWC Day (5/20/17); catch basins inspected/cleaned.

Files

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Photos

No photos to display



Watervliet-City (MS4 Permit #NYR20A087) BMP Detail | Minimum Control Measure: 1A SW Mgmt Program Requirements - Administrative (GP-0-17-002 DRAFT MS4 Permit) - SWM

Added:	3/28/2018	Due:	3/9/2019
Completed:	NA	<p>Description:</p> <p>A. Previous "Administrative" Goals for 2018 from SWMPv5:</p> <p>1. Description: 7-2 MG3 C/Watervliet. By 3/9/2018, stormwater staff will review existing stormwater program organizational chart and update as needed.</p> <p>2. Description: 7-1 MG12 Coalition (GRANT; COALITION OPERATIONS). IMA. By 9/30/2017, the Coalition Program Coordinator will consult with Board members to finalize the content of the Coalition Intermunicipal Agreement (IMA) and prepare paperwork such that the IMA can be executed by at least ten Coalition members by September 30, 2017. The IMA contract end date minimally must incorporate the contract end date of the REDC/NYSDEC WQIP Contract #C00081GG, which is May 31, 2020.</p> <p>3. Description: 7-6 MG2 C/Watervliet. By 3/9/2018, the Stormwater Program Coordinator will upload mapping data from the DEC grant into the City's desktop GIS application. Data includes various layeres (outfall update; storm; municipal facility boundary layers; post construction stormwater management practices; cso layers).</p> <p>*****</p> <p>B. "Administrative" Requirements in DRAFT MS4 Permit:</p> <p>1. Stormwater Program Coordinator (designated in writing)</p> <p>2. Sharing Resources (legally binding; signed and dated by all parties; kept up to date; is part of the SWMP Plan)</p> <p>3. Staffing Plan/Organizational Chart (written staffing plan, identifies individuals, including those identified in "Sharing Resources" documentation; identifies the roles/responsibilities associated with each required element of program)</p> <p>*****</p> <p>C. New Goals (Activities):</p> <p>1. Update organizational chart</p> <p>2. Secure necessary staffing</p>	

Activity Logs

Activity Date	Data Type	Quantity	Comments
12/15/2017			C/Watervliet signed Coalition IMA-MOU (1/1/2018 to 12/31/2023(

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Photos

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Watervliet-City (MS4 Permit #NYR20A087) | BMP Detail | Minimum Control Measure: 1B SW Mgmt Program Requirements - Mapping (GP-0-17-002 DRAFT MS4 Permit) - SWMP '18

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description: A. Previous Mapping Goals for 2018 from SWMPv5: Goals ***** B. Mapping Requirements from GP-0-17-002 DRAFT MS4 Permit: 1. Show entire small MS4 conveyance system 2. Location of all outfalls with priority rating identified 3. Additional designated boundaries 4. Names & location of all surface waters of the state within regulated area (classification; impairment and POC, if applicable; TMDL watershed areas) 5. Location of all interconnected MS4 outfall with name and contact MS4 operator 6. Location and type of conveyance - closed pipe or open drainage (drop inlet/catch basin/ manhole locations/ number/size of connections to catch basins and manholes; direction of flow). 7. Catch basins 8. Roads 9. Land area draining to MS4 (i.e. sewersheds) 10. Land cover areas 11. Topography (USGS Quadrangle Map or better) 12. Areas of concern (areas served by sanitary sewer; areas served by septic system; commercial/industrial areas) 13. Post Construction Stormwater Management Practices 14. Municipal facilities 15. Location of suspected, confirmed, and corrected illicit discharges 16. Required format, scale, and detail of map shall be appropriate to facilitate a clear understanding of system 17. The map shall be updated annually to reflect newly discovered information and required corrections or modifications 18. The map shall be updated annually to reflect revised prioritization as new information becomes available ***** C. New Goals (Activities):	

Activity Logs			
Activity Date	Data Type	Quantity	Comments
01/19/2018			All Mapping as listed above has been completed for the City of Watervliet and posted on SwIM.

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Photos
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Watervliet-City (MS4 Permit #NYR20A087) BMP Detail | Minimum Control Measure: 1C SW Mgmt Program Requirements - Legal Authority (GP-0-17-002 DRAFT MS4 Permit) - SWM

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description: A. Previous "Legal Authority" Goals for 2018 from SWMPv5 related to MCM3 IDDE and MCM 4/5 Construction Activity Permit: ***** B. "Legal Authority" Requirements in DRAFT MS4 Permit: 1. Similar to current MS4 Permit for MCM 3 IDDE Traditional and Non Traditional MS4s 2. Similar to current MS4 Permit for MCM 4 and 5 (Conformance with Construction Activity Permit) Traditional and Non Traditional MS4s ***** C. New Goals (Activities):	

Activity Logs

Activity Date	Data Type	Quantity	Comments
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Watervliet-City (MS4 Permit #NYR20A087) BMP Detail | Minimum Control Measure: 1D SW Mgmt Program Requirements - Enforcement Measures & Track'g (GP-0-17-002 DRAFT 1

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description: A. Previous "Enforcement Measures and Tracking" related Goals for 2018 from SWMPv5: : ***** B. "Enforcement Measures & Tracking" Requirements in DRAFT MS4 Permit: 1. Develop and implement an enforcement response plan (ERP) which clearly describes the action(s) to be taken for violations of local laws for illicit discharges, construction and post-construction. 2. ERP must address repeat and continuing violations through progressively stricter response (escalation of enforcement) as needed to achieve compliance with the terms and conditions of this permit. 3. ERP must describe how MS4 Operator will use the following types of enforcement responses or combination of responses based on type, magnitude, and duration of violation, effect of violation on receiving water, compliance history of operator, and good faith of the operator in compliance efforts (verbal warnings; written notices; citations (with fines); stop work orders; withholding of plan approvals or authorizations; additional measures supported in local legal authorities, such as collecting against the project's bond or directly billing the responsible party to pay for work and materials to correct violations. 4. Enforcement Tracking-MS4 Operator must track instances of non-compliance. Enforcement case documentation must include, at a minimum: name of owner/operator; location of stormwater source; description of violation; description of enforcement response use, including escalation; accompanying documentation of enforcement responses; any referrals to different departments of agencies; date violation was resolved. ***** C. New Goals (Activities):	

Activity Logs

Activity Date	Data Type	Quantity	Comments
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Watervliet-City (MS4 Permit #NYR20A087) BMP Detail | Minimum Control Measure: 2A-1 Public Education/Outreach (MCM1 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annual Evaluation

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <ol style="list-style-type: none"> 1. Description: 1-1 MG3 C/Watervliet. By 3/9/2018, the City of Watervliet Stormwater Program Coordinator will include a stormwater message in educational material distributed to volunteers at 3 clean up events (Keep 'Vliet Neat Day, 2 Electronic Recycling Days). Message will target general public and focus on gross solids, such as trash, cigarette butts, floatables, leaf litter, and grass clippings (pollutants of concern). 2. Description: 1-8 MG3 City of Watervliet. By 3/9/2018, the C/Watervliet Stormwater Program Coordinator will broadcast stormwater information for residents covering a variety of topics (ex. pet waste, fertilizer, car washing, etc.) Source: EPA clips. 3. Description: 1-16 MG3 C/Watervliet. By 3/9/2018, the C/Watervliet Stormwater Program Coordinator distributes a variety of stormwater, water quality related education material to volunteers who participate in Keep 'Vliet Neat Day (annual spring clean up event). The amount and name of publication is tracked annually for internal program development and the MS4 Permit annual report. Typical publications: Green Infrastructure Guidance Manual for Homeowners (downspout disconnects, rain gardens, and rain barrels); doorhangers; and the "Get the Scoop" pet waste brochure. 4. Description: 1-17 MG3 C/Watervliet. By 3/9/2018, the C/Watervliet will maintain a brochure rack at City Hall. The distribution of publications is tracked annually for the MS4 Permit annual report and replenished as needed. 5. Description: 1-18 MG2 C/Watervliet. By 3/9/2018, the Stormwater Program Coordinator will monitor previous stenciling locations and stencil new areas. <p>New Goals (Activities):</p> <ol style="list-style-type: none"> 1. For 2018/2019, the Coalition will provide the City with a Public Education Program Development Tool for Traditional MS4s which identifies the location of residential, commercial, institution, industrial target audiences within the City; the associated pollution generating behaviors; likely Pollutants of Concern; the location of streams; and the classified "Best Use" of these streams. 2. For 2018/2019 continue to distribute stormwater literature Keep Vliet Neat Day and Electronic Waste Collection Day. 3. Continue to maintain stormwater brochure rack; replenish as needed.

Activity Logs

Activity Date	Data Type	Quantity	Comments
07/27/2017			Don't Dump stenciling at municipal facilities
10/14/2017			Literature distributed at the following events (April, 2017 Keep Vliet Neat; May, 2017 Electronic Day, Oct, 2017 Electronic Day)
03/09/2018			Stormwater brochure rack continues to hold sw literature; re-stocked routinely.
03/09/2018			Daily Stormwater message on Public Access TV for City of Watervliet residents

Files

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Photos

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Watervliet-City (MS4 Permit #NYR20A087) BMP Detail | Minimum Control Measure: 2B-2 Public Participation/Involvement (MCM2 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annual Ev

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <p>1. Description: 2-2 MG2 C/Watervliet. By 6/1/2017, the C/Watervliet SW Program Coordinator posts the DRAFT and FINAL Joint Annual Report in the Water and Sewer section of the City website. Posting occurs in the permit year ending 3/9/2018.</p> <p>2. Description: 2-6 MG3 C/Watervliet. By 3/9/2018, the C/Watervliet will continue to organize the Keep Vliet Neat Day Clean Up Event and track the # of volunteers. City will distribute stormwater related educational material at this event. Typically ~100 volunteers participate, however this changes year to year.</p> <p>New Goals (Activities):</p> <p>1. Solicit public comments using the Coalition website and Post FINAL Joint Coalition Annual Report (includes C/Watervliet Annual Report) on Water and Sewer Page.</p> <p>2. Support and track # of volunteers who participate in Keep Vliet Neat Day</p> <p>3. Support Coalition WAVE monitoring- post volunteer recruitment flyer</p>

Activity Logs

Activity Date	Data Type	Quantity	Comments
04/15/2017			Keep Vliet Day - ~25 volunteers participated
06/08/2017			DRAFT Joint Annual Report posted City of Watervliet and Coalition websites (5/5/2017) Final Joint Annual Report posted on City of Watervliet and Coalition website in mid-June (2017)

Files

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Photos

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Watervliet-City (MS4 Permit #NYR20A087) | BMP Detail | Minimum Control Measure: 2C--3 Illicit Discharge Detection & Elimination (MCM3 SWCoal/Mbr MS4s) SWMP '18 to '19 - An

Added:	3/28/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <ol style="list-style-type: none"> 1. Description: 3-4 MG27 Coalition & City of Watervliet staff (GRANT). CSO. By 3/9/2018 75% of City of Watervliet storm and combined sanitary-storm infrastructure is mapped. Includes QA/QC, topology checks. Data potentially posted on Coalition mapper. 2. Description: 3-4 MG28 Coalition & City of Watervliet staff (GRANT). CSO. By 3/9/2019 100% of City of Watervliet storm and combined sanitary-storm infrastructure is mapped. Includes QA/QC, topology checks. Data potentially posted on Coalition mapper. 3. Description: 3-5 MG3 C/Watervliet. By 3/9/2018, the Stormwater Program Coordinator will continue to "ORI" known outfalls according to MS4 Permit time frames. 4. Description: 3-9 MG3 C/Watervliet. By 3/9/2018 The C/Watervliet SW Program Coordinator will continue to track illicit discharges detected and eliminated using forms developed previously. Data is summarized routinely for the DEC MS4 Permit Annual Report. <p>New Goals (Activities):</p> <ol style="list-style-type: none"> 1. Complete ORIs for 20% of total outfalls (new total 77) 2. Monitor elimination of cross connections 3. Share SWIM password/username, train as needed.

Activity Logs

Activity Date	Data Type	Quantity	Comments
01/19/2018			All MS4 outfalls have been reviewed, corrected, and updated as a result of system mapping. Final, corrected outfall count is now 77, formerly 33. This is the result how CSO and MS4 infrastructure is labeled as per regulator consideration.
01/26/2018			CSO, Separated Storm, and Sanitary System mapping completed for entire City. Includes stormwater program mapping (outfalls, post construction stormwater practices).
03/09/2018			3 cross connections were identified; plan developed for elimination (anticipated elimination date: end of 2018)
03/09/2018			No "ORIs" completed; instead year spent completing extensive system mapping (CSO, sanitary, MS4).

Files

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Photos

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Watervliet-City (MS4 Permit #NYR20A087) BMP Detail | Minimum Control Measure: 2D-4 Construction Site Runoff Control (MCM4 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annual Ev

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <p>1. Description: 4-7 MG2 C/Watervliet. By 3/9/2018, the C/Watervliet Stormwater Program Coordinator will at pre-construction meetings ensure that all Contractors have received the required 4-hour training (copies of 4 hr card). Status of 4 hr training will be on file with SWPPP records.</p> <p>New Goals (Activities):</p> <p>For 2018/2019 City has implemented multiple current MS4 Permit requirements. No new initiatives planned, other than continuing to maintain oversight of Construction Permit.</p>

Activity Logs

Activity Date	Data Type	Quantity	Comments
03/09/2018			No new projects needing Construction Activity Permit coverage

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Photos

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Watervliet-City (MS4 Permit #NYR20A087) BMP Detail | Minimum Control Measure: 2E-5 Post-Construction Stormwater Mgmt (MCM5 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annu

Added:	3/29/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <ol style="list-style-type: none"> 1. Description: 5-8 MG5 C/Watervliet. By 3/9/2018, to better track maintenance, the Stormwater Program Coordinator will combine the CSO LTCP inventory of GI practices with the inventory of post construction practices named in the MS4 Permit. For regulatory reports, green infrastructure draining to the combined system will not be included in the MS4 permit inventory. 2. Description: 5-8 MG4 C/Watervliet. By 3/9/2018, the Stormwater Program Coordinator will review existing built practices and update the database so that inventory information is current. 3. Description: 5-12 MG2 C/Watervliet. By 3/9/2018, the C/Watervliet will review records pertaining to stormwater practices owned by the City and owned by private companies for which a SWPPP had been prepared, approved, and built. Maintenance will be reported as required in the MS4 Permit and for internal use. <p>New Goals (Activities):</p>

Activity Logs			
Activity Date	Data Type	Quantity	Comments
03/09/2018			All post construction storm water practices (PCSMPs) were mapped and inventoried as part of system mapping. PC SMPs were labeled depending on where dra ned (CSO or MS4). All posted on StormWater Internet Mapper (SwIM). Inventory complete.

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Watervliet-City (MS4 Permit #NYR20A087) BMP Detail | Minimum Control Measure: 2F-6 Pollution Prevention/Good Housekeep'g (MCM6 SWCoal/Mbr MS4s) SWMP '18 to '19 - An

Added:	3/29/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <ol style="list-style-type: none"> 1. Description: 6-2 MG2 C/Watervliet. By 3/9/2018 reassess all municipal facilities using facility self audit form. New BMP Summary Sheets will be developed. 2. Description: 6-3 MG3 C/Watervliet. For 3/9/2018, the C/Watervliet has a catch basin cleaning program in which ~1/3 of all catch basins are cleaned annually. The Stormwater Program monitors implementation. (~150 catch basins total). 3. Description: 6-4 MG3 C/Watervliet. By 3/9/2018, the C/Watervliet Stormwater Program Coordinator will collect street sweeping data as required by the MS4 Permit Annual Report (road mileage from sweeper). 4. Description: 6-7 MG3 C/Watervliet. By 3/9/2018, the Stormwater Program Coordinator will collect pesticide/herbicide/fertilizer usage data from Parks and Rec staff to be used for internal record keeping and MS4 Permit Annual Report. 5. Description: 8-4 MG1 C/Watervliet. By 3/9/2018, the Stormwater Program Coordinator will provide training to staff through the DVD: IDDE-A Grate Concern. <p>New Goals (Activities):</p> <ol style="list-style-type: none"> 1. Reassess all municipal facility using Facility Self Audit form developed by Coalition; new BMP Summary Sheets will be developed 2. City of Watervliet has a catch basin cleaning program in which about 1/3 of all catch basins are cleaned annually. Stormwater program monitors implementation. 3. C/Wvliet Stormwater Program Coordinator will collect street sweeping data as required by MS4 Permit Annual Report 4. C/Wvliet Stormwater Program Coordinator will collect pesticide/herbicide/fertilizer usage data from Parks and Rec staff for MS4 Permit Annual Report 5. C/Wvliet Stormwater Program Coordinator will provide training to DPW/Water/Fire/General Mgr staff using Coalition DVDs

Activity Logs			
Activity Date	Data Type	Quantity	Comments
03/09/2018			Street and parking lot sweeping completed for entire City (continuous sweeping during good weather
03/09/2018			Pesticide/herbicide data continues to be collected annually

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Photos	
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Stormwater Coalition of Albany County Annual Evaluation (April, 2018)



1A Stormwater Coalition (MS4 Permit # NONE) BMP Detail | Minimum Control Measure: 1A SW Mgmt Program Requirements - Administrative (GP-0-17-002 DRAFT MS4 Permit) - 5

Added: 3/27/2018

Due: 3/9/2019

Completed: NA

Description:

A. Previous "Administrative" Goals for 2018 from SWMPv5:

1. Description: 7-1 MG12 Coalition (GRANT; COALITION OPERATIONS). IMA. By 9/30/2017, the Coalition Program Coordinator will consult with Board members to finalize the content of the Coalition Intermunicipal Agreement (IMA) and prepare paperwork such that the IMA can be executed by at least ten Coalition members by September 30, 2017. The IMA contract end date minimally must incorporate the contract end date of the REDC/NYSDEC WQIP Contract #C00081GG, which is May 31, 2020.

2. Description: 7-1 MG11 Coalition. By 3/9/2019, weekly staff meetings with existing Coalition staff and grant funded staff to coordinate ongoing Coalition work and grant implementation.

3. Description: 7-1 MG5 Coalition. By 12/31/2017, the Coalition Program Coordinator will develop a 2018 Coalition budget and work plan for approval by the Coalition Board of Directors and adoption by County Legislature.

4. Description: 7-3 MG4 Coalition. By 3/9/2018, the Stormwater Coalition Program Coordinator provides routine updates to the Coalition Working Group and Board regarding the status of the MS4 Permit and other relevant SPDES Permits. Time permitting, Coalition responds to proposed changes to the MS4 Permit.

5. Description: 7-4 MG6 Coalition. By 6/1/2018, if updated MS4 Permit has been released by NYSDEC, Coalition decides if SWMP document software tool (MS4Web) is still relevant. Budget impact for 2018 and impact on Coalition staff time to be explained at Board meeting(s).

6. Description: 7-8 MG3 Coalition. By 3/9/2018, as needed, the Coalition Program Coordinator, other Coalition staff, and Coalition members provide MS4 Permit audit support (EPA and NYSDEC) for audited members.

7. Description: 5-9 MG18 Coalition. By 3/9/2019, consultant services for impervious cover and building footprint layers delivered.

8. Description: 7-9 MG17 Coalition. By 3/9/2020, final State Voucher submitted to NYSDEC for reimbursement of spent grant funds.

9. Description: 7-9 MG16 Coalition. By 3/9/2020, final grant report submitted to NYSDEC.

10. Description: 7-9 MG15 Coalition. By 3/9/2019, invoices paid and State Vouchers submitted to NYSDEC for reimbursement of spent grant funds.

11. Description: 5-9 MG13 Coalition. By 3/9/2018, consultant services guide process of developing all forms. Forms finalized, linked to Coalition mapper and/or used by individual MS4s with GIS capacity.

12. Description: 7-9 MG14 Coalition. By 3/9/2019, grant quarterly reports submitted to NYSDEC.

13. Description: 7-9 MG9 Coalition. By 3/9/2018, grant quarterly reports submitted to NYSDEC.

14. Description: 7-9 MG12 Coalition. By 3/9/2018, County/Coalition issues an RFP and secures consultant to map imperviousness in Albany County. (Consultant Proj #3 Imperviousness)

15. Description: 7-9 MG11 Coalition. By 3/9/2018, County-Coalition-City of Albany arrange payment to City designated consultant for storm system digitization of Krumkill and Patroon map records.

16. Description: 7-9 MG10 Coalition. By 3/9/2018, invoices paid and State Vouchers submitted to NYSDEC for reimbursement of spent grant funds

B. "Administrative" Requirements in DRAFT MS4 Permit:

1. Stormwater Program Coordinator (designated in writing)

2. Sharing Resources (legally binding; signed and dated by all parties; kept up to date; is part of the SWMP Plan)

3. Staffing Plan/Organizational Chart (written staffing plan, identifies individuals, including those identified in "Sharing Resources" documentation; identifies the roles/responsibilities associated with each required element of program)

C. New Goals (Activities):

SHARED RESOURCES - Coalition Administration & Grant Management

1. Continue with Coalition management as itemized in IMA/MOU (prepare 2019 budget and workplan; manage staffing needs; prepare/facilitate Board and Working Group meetings; integrate all Coalition operations with County procedures (Management and Budget; Purchasing; Comptroller; Human Resources; General Services; Law Dept); implement Coalition and Grant workplan(s); manage grant (reports, vouchers); prepare RFP for Impervious/Building Footprint consultant services-grant funded consulting services.

2. Address long term funding and staffing concerns related to current dependence on grant funds, which support the use of GIS mapping technology (hardware, software, technical staff). Take action as determined by Board.

SHARED RESOURCES -Regulatory Input and Audits

3. Track NYSDEC release of revised "new: MS4 Permit; take action as needed

4. Support individual MS4s audited by EPA and/or DEC

Activity Logs

Activity Date Data Type Quantity Comments

Stormwater Coalition of Albany County Annual Evaluation (April, 2018)

09/29/2017	SHARING RESOURCES - MS4 Permit Audit Support: For this reporting period the Village of Green Island was audited by NYSDEC on 5/24/17. The Coalition Director provided audit guidance and support before audit and attended the audit.
10/16/2017	SHARING RESOURCES-Coalition Administration: Coalition IMA/MOU covering 1/1/2018 to 12/31/2023 fully executed by 12 MS4s (Albany County; City of Albany; Town of Bethlehem; City of Cohoes; Town of Colonie; Village of Colonie; Village of Green Island; Town of Guilderland; Village of Menands; Town of New Scotland; City of Watervliet; University at Albany-Uptown)
03/09/2018	SHARING RESOURCES-Regulatory Input: For this reporting period, no action by NYSDEC regarding DRAFT MS4 Permit; therefore no follow - up by Coalition members
03/09/2018	SHARING RESOURCES- NYSDEC Albany County MS4 Mapping Project Grant: For this reporting period, no RFPs developed for consultant services itemized in the grant (impervious/building footprint GIS layer; Form development; specialized GIS services).
03/09/2018	SHARING RESOURCES - NYSDEC Albany County MS4 Mapping Project Grant: For this reporting period, all required quarterly reports (narrative and MWBE) submitted to NYSDEC; grant items purchased and invoices paid; 1 State Aid Voucher submit and reimbursement check received; staffing needs and issues addressed.
03/09/2018	SHARING RESOURCES - Coalition Administration: For this reporting period, Coalition staff/Working Group reps participated in 12 Working Group meetings; Board reps attended 6 Board meetings; Board approved the 2018 Coalition Work Plan and Budget; multiple Coalition staff meetings, as needed. No changes in MS4 Permit, therefore funding continued for MS4Web SWMP document software.

Files

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Photos

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Stormwater Coalition of Albany County Annual Evaluation (April, 2018)



A1 Stormwater Coalition (MS4 Permit # NONE) BMP Detail | Minimum Control Measure: 1B SW Mgmt Program Requirements - Mapping (GP-0-17-002 DRAFT MS4 Permit) - SWMF

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	<p>Description:</p> <p>A. Previous Mapping Goals for 2018 from SWMPv5:</p> <ol style="list-style-type: none"> 1. Description: 1-1 MG3 Coalition (GRANT). By 3/9/2018, prepare a County wide map using tax parcel codes which characterizes land use and related pollutants of concern; make accessible to GIS users (Swim, GIS coordinators). Consider DRAFT MS4 Permit requirements for MCM 1 Public Education - Need to ID Significant Areas of Concern). SW Prog Tech Asst (mapping technicians) hired with grant funds assist. 2. Description: 1-1 MG4 Coalition (GRANT). By 3/9/2019, pilot WinSLAMM modeling tool to better characterize pollutant loading for a small "MS4" watershed in Albany County selected by MS4s (ex. McGaffer, Delphus Kill, etc.). Mapping technicians hired with grant funds assist. 3. Description: 3-1 MG4 Coalition (GRANT). By 3/9/2019 outfall maps of all interested Coalition members updated, posted on Coalition mapper. Grant funded mapping technicians assist. 4. Description: 3-1 MG3 Coalition (GRANT). By 3/9/2018, with process to update outfall maps of all interested Coalition members developed; implementation starts. Grant funded mapping technicians assist. 5. Description: 3-2 MG11 Coalition (GRANT). By 3/9/2019, post on Coalition mapper and/or provide for Coalition members, map layers developed by consultants (impervious layer for Albany County; digitization of storm system map records by City of Albany consultant; and U Albany professors/student interns mapping research projects (DOH septic-well data; green infrastructure assets in Albany County-degree of protection; soil boring data from SWPPPs; location of historic Erie Canal); or in-house with grant funds for staffing (land use and pollutants of concern, tax parcel analysis; WinSLAMM pollutants of concern pilot; storm system infrastructure; storm sewershed delineations; potentially combined sanitary-storm infrastructure) 6. Description: 3-2 MG9 Coalition & County IT. By 3/9/2018, Coalition maintains Coalition mapper, funded with Coalition dues; County hosts mapper on their server. 7. Description: 3-2 MG10 Coalition & County IT. By 3/9/2019, Coalition maintains Coalition mapper, funded with Coalition dues; County hosts mapper on their server. 8. Description: 3-4 MG8 Coalition & City of Albany (GRANT) PATROON & KRUMKILL. By 3/9/2017 City of Albany GIS consultant completes digitization of City map records of storm separation in Patroon Creek and Krumkill; digitization incorporates necessary elements of Coalition Storm System Data Model and ESRI Local Gov't Model. Data potentially posted on Coalition mapper. 9. Description: 3-4 MG9 Coalition & City of Albany staff (GRANT). PATROON. By 3/9/2018 80% of City of Albany storm system located in the Patroon Creek watershed is mapped, includes QA/QC, topology checks. 10. Description: 3-4 MG10 Coalition & City of Albany staff (GRANT). PATROON. By 3/9/2019 100% of City of Albany storm system located in the Patroon Creek watershed is mapped, includes QA/QC, topology checks. Data prepared for storm sewershed delineation and posted on Coalition mapper. 11. Description: 3-4 MG7 Coalition (GRANT) PATROON. By 3/9/2018, Coalition Stormwater Program Technician prepares Town of Colonie Patroon Creek storm system data for storm sewershed delineation. May include grant funded mapping technicians. 12. Description: 3-4 MG12 Coalition (GRANT) PATROON. By 3/9/2019 Coalition Program Technician and mapping technicians prepares County Patroon Creek data for storm sewershed delineation. 13. Description: 3-4 MG26 Coalition & City of Cohoes staff (GRANT). CSO. By 3/9/2019 100% of City of Cohoes storm and combined sanitary-storm infrastructure is mapped. Includes QA/QC, topology checks. Data potentially posted on Coalition mapper. 14. Description: 3-4 MG14 Coalition (GRANT). PATROON. By 3/9/2019 Coalition Program Technician and mapping technicians complete Patroon Creek storm sewershed delineation. May use consultant services, or complete in-house. 15. Description: 3-4 MG16 Coalition & Town of Guilderland staff (GRANT). KRUMKILL. By 3/9/2018 100% of Town of Guilderland storm system located in the Krumkill watershed is mapped, includes QA/QC, topology checks. Data posted on Coalition mapper. Mapping team includes Coalition staff, grant funded mapping technicians, and Town of Guilderland staff. 16. Description: 3-4 MG5 Coalition (GRANT). PATROON. By 3/9/2018, Coalition Stormwater Program Technician prepares Village of Colonie storm system Patroon Creek watershed, data for sewershed delineation. 17. Description: 3-4 MG19 Coalition & City of Albany staff (GRANT). KRUMKILL. By 3/9/2018 80% of City of Albany storm system located in the Krumkill watershed is mapped, includes QA/QC, topology checks. Data posted on Coalition mapper. 18. Description: 3-4 MG20 Coalition & City of Albany staff (GRANT). KRUMKILL. By 3/9/2019 100% of City of Albany storm system located in the Krumkill watershed is mapped, includes QA/QC, topology checks. Data potentially posted on Coalition mapper. Data prepared for storm sewershed delineation. Grant funded mapping technicians assist. 19. Description: 3-4 MG6 Coalition (GRANT). PATROON. By 3/9/2017 Coalition Stormwater Program Technician completes Town of Colonie storm system QA/QC topology data check for Patroon Creek watershed portion of Town. May include grant funded mapping technicians. 21. Description: 3-4 MG17 Coalition, Albany County (GRANT). KRUMKILL. By 3/9/2017 Coalition Program Technician, County staff map 100% of storm system owned by County located in Krumkill watershed. Includes QA/QC and topology checks. Data posted on Coalition mapper. 22. Description: 3-4 MG18 Coalition (GRANT) KRUMKILL. By 3/9/2017 Coalition Program Technician secures NYSDOT outfall maps for use when analyzing connectivity and ownership of storm system infrastructure throughout Krumkill watershed and elsewhere along NYSDOT roads. 23. Description: 3-4 MG4 Coalition (GRANT). PATROON. By 3/9/2017, Coalition Stormwater Program Technician and Village of Colonie staff complete 100% of storm system mapping in Village of Colonie Patroon Creek watershed, includes QA/QC topology checks. Data posted on Coalition Stormwater Program Mapper. 	

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24. Description: 3-4 MG21 Coalition (GRANT). KRUMKILL. By 3/9/2019 Coalition Program Technician and grant funded mapping technicians complete Krumkill storm sewershed delineation. May use consultant services, or complete in-house.

25. Description: 3-4 MG27 Coalition & City of Watervliet staff (GRANT). CSQ. By 3/9/2018 75% of City of Watervliet storm and combined sanitary-storm infrastructure is mapped. Includes QA/QC, topology checks. Data potentially posted on Coalition mapper.

26. Description: 3-4 MG22 Coalition, Village of Menands, Town of New Scotland, Village of Colonie, Albany County staff (GRANT). STORM MAPPING-NOT PRIORITY WATERSHEDS. By 3/9/2018, complete storm system mapping for Village of Menands, Town of New Scotland, Village of Colonie, and Albany County. Includes QA/QC, topology checks. Data posted on Coalition mapper.

27. Description: 3-4 MG28 Coalition & City of Watervliet staff (GRANT). CSQ. By 3/9/2019 100% of City of Watervliet storm and combined sanitary-storm infrastructure is mapped. Includes QA/QC, topology checks. Data potentially posted on Coalition mapper.

28. Description: 3-4 MG23 Coalition & Town of Guilderland staff (GRANT). STORM MAPPING-NOT PRIORITY WATERSHEDS. By 3/9/2018 70% of Town of Guilderland storm system located outside Krumkill watershed is mapped, includes QA/QC, topology checks. Data posted on Coalition mapper.

29. Description: 3-4 MG2 V/Menands & Coalition. By 3/9/2019, as part of DEC grant, the Village of Menands SW Program Coordinator will oversee and coordinate with Coalition staff an updated storm system infrastructure map.

30. Description: 3-4 MG25 Coalition & City of Cohoes staff (GRANT). CSQ. By 3/9/2018 75% of City of Cohoes storm and combined sanitary-storm infrastructure is mapped. Includes QA/QC, topology checks. Data potentially posted on Coalition mapper.

31. Description: 3-4 MG11 Coalition, Albany County, Town of Guilderland (GRANT) PATROON. By 3/9/2017 Coalition Program Technician, County, and T/Guilderland staff complete 100% storm system mapping of infrastructure in Patroon Creek watershed owned by County and Town of Guilderland, includes QA/QC and topology checks. Data posted on Coalition mapper.

32. Description: 3-4 MG29 Coalition and Town of Bethlehem staff (GRANT). KRUMKILL. By 3/9/2018, Coalition Program Technician secures from T/Bethlehem existing storm system infrastructure mapping data of Krumkill watershed. Post on Coalition web mapper, adjusted for purpose of sewershed delineation.

33. Description: 3-4 MG13 Coalition and U Albany (GRANT). PATROON & KRUMKILL. By 3/9/2017 Coalition Program Coordinator explains mapping project to interested U Albany staff; both explore how best to delineate storm sewershed boundaries of Patroon and Krumill watersheds; options explored; grant mapping resources utilized as needed.

34. Description: 3-4 MG1 Coalition (GRANT). ANN LEE. By 3/9/2017, storm system mapping is 75% completed in Shaker tribs-Ann Lee pond watershed. Includes: Albany County, Village of Colonie, Town of Colonie.

B. Mapping Requirements from GP-0-17-002 DRAFT MS4 Permit:

1. Show entire small MS4 conveyance system
2. Location of all outfalls with priority rating identified
3. Additional designated boundaries
4. Names & location of all surface waters of the state within regulated area (classification; impairment and POC, if applicable; TMDL watershed areas)
5. Location of all interconnected MS4 outfall with name and contact MS4 operator
6. Location and type of conveyance - closed pipe or open drainage (drop inlet/catch basin/ manhole locations/ number/size of connections to catch basins and manholes; direction of flow).
7. Catch basins
8. Roads
9. Land area draining to MS4 (i.e. sewersheds)
10. Land cover areas
11. Topography (USGS Quadrangle Map or better)
12. Areas of concern (areas served by sanitary sewer; areas served by septic system; commercial/industrial areas)
13. Post Construction Stormwater Management Practices
14. Municipal facilities
15. Location of suspected, confirmed, and corrected illicit discharges
16. Required format, scale, and detail of map shall be appropriate to facilitate a clear understanding of system
17. The map shall be updated annually to reflect newly discovered information and required corrections or modifications
18. The map shall be updated annually to reflect revised prioritization as new information becomes available
19. NOT PRIORITY WATERSHEDS. By 3/9/2019 100% of Town of Guilderland storm system located outside Krumkill watershed is mapped, includes QA/QC, topology checks. Data posted on Coalition mapper.

C. New Goals (Activities):

1. For 2018/2019, complete field & program mapping, corrections, finalization, metadata, and posting on SwIM for Albany County; Town of New Scotland; and Village of Green Island. (GRANT)
2. For 2018/2019, review and prepare existing datasets for Krumkill; Patroon; and Ann Lee Pond sewershed delineations (UAlbany; Town of Bethlehem; Town of Colonie) (GRANT)
3. For 2018/2019, complete sewershed delineations for storm system infrastructure in Krumkill; Patroon, and Ann Lee Pond watersheds; merge inter MS4 system data as needed; use all necessary data sets from Coalition members. Post on SwIM, if practical and helpful. (GRANT)
4. Test, develop, and finalize an ORI inspection Form using ESRI Survey123 ArcGIS Online platform (GRANT)
5. For all ArcGIS Online Survey 123 Forms, research all ESRI related costs; Stormwater Interactive Mapper "SwIM" issues; and long term administrative concerns for Coalition and members; present findings to Coalition Working Group/Board; discuss funding options and considerations with NYSDEC (GRANT)
6. Research Pronto Forms as alternative to ESRI ArcGIS Online Survey123; discuss with Town of Bethlehem; evaluate costs, hosting issues, and long term administrative costs for Coalition; present finding to Working Group/Board; discuss with NYSDEC (GRANT)
7. Purchase/load/give tablet w/ORI Inspection Forms; MS4 Construction Inspection Form; PC SMP Inspection Form; and Municipal Facility Self Audit Form to interested MS4s - may/may not be ESRI based (GRANT)
8. Continue to manage and support SwIM Stormwater Interactive Mapper (symbology; troubleshooting; UN/PW;

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metadata; posting system and program mapping data; update of other layers, as needed). (GRANT and MEMBER DUES); address long term support issues.

Activity Logs

Activity Date	Data Type	Quantity	Comments
03/09/2018			GRANT: For this reporting period, Coalition staff explored GIS based FORMS technology. A sample ORI form was prepared using ESRI Survey 123 App.
03/09/2018			GRANT: For this reporting period, various map data sets were reviewed to determine status of mapping; and remaining mapping (Albany County; Town of New Scotland; Village of Menands; Village of Green Island; City of Albany)
03/09/2018			GRANT: To delineate storm sewersheds; particularly for storm drainage networks straddling multiple MS4/municipal boundaries, all relevant datasets need to be acquired. To delineate the Patroon Creek; Krumkill; and Ann Lee pond sewersheds, datasets are needed from Albany County; T/Guilderland; T/Bethlehem; City of Albany; V/Colonie; T/Colonie; and University at Albany. Two data sets are finalized and ready (T/Guilderland; Village of Colonie); three data sets have been provided to Coalition, but need to be reviewed and prepared for the sewershed delineation (UAlbany; T/Colonie; T/Bethlehem); and two datasets require additional field mapping (Albany County; City of Albany)
			While a test sewershed has been delineated in the Ann Lee pond watershed, given the status of all necessary storm system datasets, sewersheds have not been delineated for Patroon, Krumkill, and Ann Lee watersheds.
03/09/2018			GRANT: For this reporting period, mapping effectiveness is evaluated across all MCMs and individual BMPs ignored. Storm system & program maplg (outfalls-correct/archive, PCSMPs-location/inventory, muni facilities-location/inventory) completed/finalized for V/Colonie; T/Guilderland; C/Cohoes; C/Water/vlet.

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Photos

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A1 Stormwater Coalition (MS4 Permit # NONE) BMP Detail | Minimum Control Measure: 1C SW Mgmt Program Requirements - Legal Authority (GP-0-17-002 DRAFT MS4 Permit) -

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description: A. Previous "Legal Authority" Goals for 2018 from SWMPv5 related to MCM3 IDDE and MCM 4/5 Construction Activity Permit: ***** B. "Legal Authority" Requirements in DRAFT MS4 Permit: 1. Similar to current MS4 Permit for MCM 3 IDDE Traditional and Non Traditional MS4s 2. Similar to current MS4 Permit for MCM 4 and 5 (Conformance with Construction Activity Permit) Traditional and Non Traditional MS4s ***** C. New Goals (Activities):	

Activity Logs

Activity Date	Data Type	Quantity	Comments
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A1 Stormwater Coalition (MS4 Permit # NONE) BMP Detail | Minimum Control Measure: 1D SW Mgmt Program Requirements - Enforcement Measures & Track'g (GP-0-17-002 DRAFT)

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description: A. Previous "Enforcement Measures and Tracking" related Goals for 2018 from SWMPv5: : ***** B. "Enforcement Measures & Tracking" Requirements in DRAFT MS4 Permit: 1. Develop and implement an enforcement response plan (ERP) which clearly describes the action(s) to be taken for violations of local laws for illicit discharges, construction and post-construction. 2. ERP must address repeat and continuing violations through progressively stricter response (escalation of enforcement) as needed to achieve compliance with the terms and conditions of this permit. 3. ERP must describe how MS4 Operator will use the following types of enforcement responses or combination of responses based on type, magnitude, and duration of violation, effect of violation on receiving water, compliance history of operator, and good faith of the operator in compliance efforts (verbal warnings; written notices; citations (with fines); stop work orders; withholding of plan approvals or authorizations; additional measures supported in local legal authorities, such as collecting against the project's bond or directly billing the responsible party to pay for work and materials to correct violations. 4. Enforcement Tracking-MS4 Operator must track instances of non-compliance. Enforcement case documentation must include, at a minimum: name of owner/operator; location of stormwater source; description of violation; description of enforcement response use, including escalation; accompanying documentation of enforcement responses; any referrals to different departments of agencies; date violation was resolved. ***** C. New Goals (Activities):	

Activity Logs			
Activity Date	Data Type	Quantity	Comments
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A1 Stormwater Coalition (MS4 Permit # NONE) BMP Detail | Minimum Control Measure: 2A-1 Public Education/Outreach (MCM1 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annual Eva

Added: 3/27/2018 Due: 3/9/2019

Completed: NA Description:

Previous Goals for 2018 from SWMPv5:

1. Description: 1-1 MG3 Coalition (GRANT). By 3/9/2018, prepare a County wide map using tax parcel codes which characterizes land use and related pollutants of concern; make accessible to GIS users (Swim, GIS coordinators). Consider DRAFT MS4 Permit requirements for MCM 1 Public Education - Need to ID Significant Areas of Concern). SW Prog Tech Asst (mapping technicians) hired with grant funds assist.
2. Description: 1-1 MG4 Coalition (GRANT). By 3/9/2019, pilot WinSLAMM modeling tool to better characterize pollutant loading for a small "MS4" watershed in Albany County selected by MS4s (ex. McGaffey, Delphus Kill, etc.). Mapping technicians hired with grant funds assist.
3. Description: 1-3 MG6 Coalition. By 3/9/2018, Coalition staff evaluate and update Coalition website content, in particular home page wording so that it better explains purpose of member pages. Set up links to Coalition Facebook page.
4. Description: 1-3 MG6 Coalition. By 3/9/2018, the Coalition Program Coordinator evaluates links between Coalition member pages and individual MS4 stormwater pages. If severed, links restored. Goal is to have intact reciprocal links between the Coalition and all MS4s with stormwater web pages.
5. Description: 1-3 MG7 Coalition. By 3/9/2018, Coalition staff explains to Board status of current website design relative to new website technology and pros/cons of website design upgrades.
6. Description: 1-3 MG9 Coalition. By 3/9/2018, Coalition staff continue to maintain the Coalition website using membership funds (2017-2018). Usage is tracked using Google Analytics and the data is provided annually to Coalition members.
7. Description: 1-4 MG4 Coalition. By 3/9/2018, Coalition staff update Doorhanger publication with current membership list; more accurate storm drain stencil/marker image. Print order submitted; processed; paid.
8. Description: 1-6 MG2 Coalition. The Coalition Program Coordinator responds favorably to guest speaker requests, time permitting. Priority given to programs and organizations associated with Coalition member communities. Member communities routinely included in presentations where possible. If possible, for tracking purposes (MS4 Permit SWMP and Annual Report), the Coordinator records # of attendees, # of publications distributed; target audience, location and date of presentation.
9. Description: 1-7 MG3 Coalition. By 3/9/2018, the Coalition maintains and updates a Coalition-wide database (Microsoft Access) of e-mail addresses and other contact information. Database includes newly electeds, appointed municipal officials, and individuals interested in or responsible for some aspect of program implementation. The database is used to solicit public comments for the annual report, SWMP Plan document, and program implementation more generally.
10. Description: 1-12 MG2 Coalition. By 3/9/2018, Coalition staff establishes with Coalition Board and/or Working Group a policy for posting Coalition and water quality information on Facebook; sets up a Facebook account; and posts 3 items.
11. Description: 1-14 MG3 Coalition. By 3/9/2018, if webcast offerings are relevant and timely, the Coalition hosts 1 Center for Watershed Protection webcasts. Event is located at meeting room of Coalition member. Target audience: stormwater program managers; engineers, landscape architects; contractors; municipal officials; policy makers; interested public. For reporting purposes, the # attendees, date, and content of program is tracked.

New Goals (Activities):

1. For 2018/2019 maintain/update Coalition website (member info; post DRAFT Joint AR/ SWMP doc for public comment; post new publications)
2. For 2018/2019 distribute Coalition brochures to members
3. For 2018/2019, provide Coalition members with a Public Education Program Development Tool for Traditional MS4s which identifies the location of residential, commercial, institution, industrial target audiences; the associated pollution generating behaviors; likely Pollutants of Concern; the location of streams; and the classified "Best Use" of these streams.

Activity Logs

Activity Date	Data Type	Quantity	Comments
03/27/2017			Coalition Coordinator/Director as panelist presented info for "What We Can Do To Protect Water Quality" program organized by Hudson River Watershed Alliance
04/04/2017			The Albany County Soil and Water District organized/Coalition co-sponsored a 4 Hr E/SC training at William F. Rice Extension Center; 24 Martin Rd; (78 wallet cards-individuals trained)
06/21/2017			Coalition sponsored s Center for Watershed Protection webinar presentation titled, "Making Urban Trees Count" at the Town of Colonie (14 attendees). The webinar was aborted due to technical issues - participants received webcast/online archive and PPT handout.
08/15/2017			Coalition Coordinator/Director presented Clean Water Act background and macro-invertebrate info as part of 3 WAVE Volunteer Stream Monitoring Events' (8/7/17-16 participants; 8/10/17-13 participants; and 8/15/17-6 participants)
10/05/2017			Coalition Coordinator/Director co-presented program titled, "Mapping and the MS4 Permit" at CDRPC Local Gov't training. While program is open to the public, the target audience is municipal officials and staff.
11/14/2017			The Albany County Soil and Water District organized/Coalition co-sponsored, along with various Contractor Associations a 4 Hr E/SC training at the Building Industry Center, 6 Airline Dr (38 wallet cards-individuals trained)
01/25/2018			WinSLAMM Modeling Tool tested and presented to Coalition members at Working Group meeting; pollutant loading estimates for a given time frame provided for connected storm sewershed in Ann Lee sub-watershed (trib of Shaker Creek)
03/09/2018			For this reporting period stocked Coalition brochures distributed to various Coalition members (T/Bethlehem; City of Albany; City of Watervliet).

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03/09/2018	For 2017/2018 reporting period, no updates to Doorhanger publication; no updates to Coalition email/list serve ACCESS database; no property tax code map identifying target audience/significant areas of concern; no Facebook research, policy docs, or postings. Two staff resignations; GRANT priorities (system and MS4 Program mapping; UAlbany mapping projects' SwIM updates); prevented consideration or implementation of these goals.
03/09/2018	For 2017/2018, Coalition website continues to be maintained, as portal for Public Comments (DRAFT Joint AR and SWMP Doc); meeting announcements; updated member info; posting of new publications; job postings. Google Analytics tracked for time period 3/10/17 to 3/9/18 shows website activity: total pageviews (6,735) and unique views (4,772). This is a decrease compared to previous reporting period (3/10/16 to 3/9/17); specifically 20% decrease in pageviews and 12% decrease in unique pageviews. No effort to update Coalition website this past reporting year (2017/2018). Links from/to Coalition website and members reviewed when posting DRAFT AR 2017 in May 2017.

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A1 Stormwater Coalition (MS4 Permit # NONE) BMP Detail | Minimum Control Measure: 2B-2 Public Participation/Involvement (MCM2 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annu

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <p>1. Description: 2-2 MG2 Coalition. By 6/1/2017, Coalition members decide if they are submitting individual annual reports or a joint annual report. If joint annual report, Coalition members commit to the following schedule: DRAFT Joint Annual Report posted on the Coalition website (end of the first week in May); availability of DRAFT Annual Report sent to Coalition list serve, public comment period announced, and public comments regarding SWMP Plan encouraged; two week public comment period for Annual Report ends (~third week in May); public comments collected and included in FINAL Joint Annual Report; and public meetings scheduled if requested. Individual MS4s may present DRAFT or FINAL Annual Report at public meeting (Common Council Meeting, Town or Village Board meeting). Some MS4s communicate availability of DRAFT or FINAL Joint Annual Report for comment to their own e-mail lists. Annual Report submitted to NYSDEC by June 1, 2017. FINAL Joint Annual Report posted on Coalition website and individual MS4 websites.</p> <p>2. Description: 2-11 MG9 Coalition. By 3/9/2018, Coalition and Working Group members will identify four monitoring sites to be monitoring in 2017 (July 1 to Sept 30); help circulate volunteer recruitment flyer; monitor sites; submit sample vouchers to NYSDEC; map data; and thank volunteers.</p> <p>New Goals (Activities):</p> <p>1. For 2018, 3 WAVE Stream Monitoring events planned (7/1/2018 to 9/30/2018)</p> <p>2. By 6/1/2018, Coalition members decide if they are submitting individual annual reports or a joint annual report. If joint annual report, Coalition members commit to the following schedule: DRAFT Joint Annual Report posted on the Coalition website (end of the first week in May); availability of DRAFT Annual Report sent to Coalition list serve, public comment period announced, and public comments regarding SWMP Plan encouraged; two week public comment period for Annual Report ends (~third week in May); public comments collected and included in FINAL Joint Annual Report, and public meetings scheduled if requested. Individual MS4s may present DRAFT or FINAL Annual Report at public meeting (Common Council Meeting, Town or Village Board meeting). Some MS4s communicate availability of DRAFT or FINAL Joint Annual Report for comment to their own e-mail lists. Annual Report submitted to NYSDEC by June 1, 2017. FINAL Joint Annual Report posted on Coalition website and individual MS4 websites.</p>

Activity Logs

Activity Date	Data Type	Quantity	Comments
06/30/2017			By June 30, 2017 the DRAFT Joint Annual Report was posted on Coalition website for public comment (5/5/2017); public comment period for two weeks. No public comments received; via Coalition website portal. FINAL Joint Annual Report sent to NYSDEC by 6/1/2017 and posted on Coalition website; website text notes how to submit public comments (via Coalition website or contact individual MS4s directly).
08/07/2017			WAVE volunteer stream monitoring; Normanskill/Krumkill sub-watershed; 16 volunteers (adults and kids; WAVE coordinators; Beth HS students). Site located in T/Beth at City/Albany and Town border- private property.
08/10/2017			WAVE stream monitoring (volunteers/parks and rec program). Shaker trib, below Ann Lee pond, at Shaker Heritage site located in Town of Colonie; facility owned by Albany County. 13 volunteers (kids, chaperones, grandparents; Beth HS students)
08/15/2017			WAVE volunteer stream monitoring. Patroon Creek (Sand Creek sub-watershed), above T/Col detention basin. 6 volunteers (adults, kids, Beth HS volunteers)
03/09/2018			For this reporting period, Jan, 2018 the Coalition received notice that our version of MS4Web (used to write/update the Joint Coalition SWMP document) had been replaced by MS4Web2.0. In response, the Joint SWMP document was updated using new format and Individual members met April 2 to April 13, 2018 to review past goals and update goals. Completed goals are now tracked as Activities noting when, where, how activity completed, etc. For 2018/2019 goals, DRAFT MS4 Permit requirements were considered along with extensive GRANT funded activities (storm system and MS4 program mapping). Updated SWMP 2018-2020 with these changes to be posted on Coalition website (~May, 2018).

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1A Stormwater Coalition (MS4 Permit # NONE) BMP Detail | Minimum Control Measure: 2C--3 Illicit Discharge Detection & Elimination (MCM3 SWCoal/Mbr MS4s) SWMP '18 to '19

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <ol style="list-style-type: none">1. Description: 3-1 MG4 Coalition (GRANT). By 3/9/2019 outfall maps of all interested Coalition members updated, posted on Coalition mapper. Grant funded mapping technicians assist.2. Description: 3-1 MG3 Coalition (GRANT). By 3/9/2018, with process to update outfall maps of all interested Coalition members developed; implementation starts. Grant funded mapping technicians assist.3. Description: 3-2 MG11 Coalition (GRANT). By 3/9/2019, post on Coalition mapper and/or provide for Coalition members, map layers developed by consultants (impervious layer for Albany County; digitization of storm system map records by City of Albany consultant; and U Albany professors/student interns mapping research projects (DOH septic-well data; green infrastructure assets in Albany County-degree of protection; soil boring data from SWPPPs; location of historic Erie Canal); or in-house with grant funds for staffing (land use and pollutants of concern, tax parcel analysis; WinSLAMM pollutants of concern pilot; storm system infrastructure; storm sewershed delineations; potentially combined sanitary-storm infrastructure)4. Description: 3-2 MG9 Coalition & County IT. By 3/9/2018, Coalition maintains Coalition mapper, funded with Coalition dues; County hosts mapper on their server.5. Description: 3-2 MG10 Coalition & County IT. By 3/9/2019, Coalition maintains Coalition mapper, funded with Coalition dues; County hosts mapper on their server.6. Description: 3-4 MG8 Coalition & City of Albany (GRANT) PATROON & KRUMKILL. By 3/9/2017 City of Albany GIS consultant completes digitization of City map records of storm separation in Patroon Creek and Krumkill; digitization incorporates necessary elements of Coalition Storm System Data Model and ESRI Local Gov't Model. Data potentially posted on Coalition mapper.7. Description: 3-4 MG9 Coalition & City of Albany staff (GRANT). PATROON. By 3/9/2018 80% of City of Albany storm system located in the Patroon Creek watershed is mapped, includes QA/QC, topology checks.8. Description: 3-4 MG10 Coalition & City of Albany staff (GRANT). PATROON. By 3/9/2019 100% of City of Albany storm system located in the Patroon Creek watershed is mapped, includes QA/QC, topology checks. Data prepared for storm sewershed delineation and posted on Coalition mapper.9. Description: 3-4 MG7 Coalition (GRANT) PATROON. By 3/9/2018, Coalition Stormwater Program Technician prepares Town of Colonie Patroon Creek storm system data for storm sewershed delineation. May include grant funded mapping technicians.10. Description: 3-4 MG12 Coalition (GRANT) PATROON. By 3/9/2019 Coalition Program Technician and mapping technicians prepares County Patroon Creek data for storm sewershed delineation.11. Description: 3-4 MG26 Coalition & City of Cohoes staff (GRANT). CSO. By 3/9/2019 100% of City of Cohoes storm and combined sanitary-storm infrastructure is mapped. Includes QA/QC, topology checks. Data potentially posted on Coalition mapper.12. Description: 3-4 MG14 Coalition (GRANT). PATROON. By 3/9/2019 Coalition Program Technician and mapping technicians complete Patroon Creek storm sewershed delineation. May use consultant services, or complete in-house.13. Description: 3-4 MG15 Coalition and Town of Bethlehem staff (GRANT). KRUMKILL. By 3/9/2017, Coalition Program Technician secures from T/Bethlehem existing storm system infrastructure mapping data of Krumkill watershed. Post on Coalition web mapper, adjusted for purpose of sewershed delineation.14. Description: 3-4 MG16 Coalition & Town of Guilderland staff (GRANT). KRUMKILL. By 3/9/2018 100% of Town of Guilderland storm system located in the Krumkill watershed is mapped, includes QA/QC, topology checks. Data posted on Coalition mapper. Mapping team includes Coalition staff, grant funded mapping technicians, and Town of Guilderland staff.15. Description: 3-4 MG5 Coalition (GRANT). PATROON. By 3/9/2018, Coalition Stormwater Program Technician prepares Village of Colonie storm system Patroon Creek watershed, data for sewershed delineation.16. Description: 3-4 MG19 Coalition & City of Albany staff (GRANT). KRUMKILL. By 3/9/2018 80% of City of Albany storm system located in the Krumkill watershed is mapped, includes QA/QC, topology checks. Data posted on Coalition mapper.17. Description: 3-4 MG20 Coalition & City of Albany staff (GRANT). KRUMKILL. By 3/9/2019 100% of City of Albany storm system located in the Krumkill watershed is mapped, includes QA/QC, topology checks. Data potentially posted on Coalition mapper. Data prepared for storm sewershed delineation. Grant funded mapping technicians assist.18. Description: 3-4 MG2 Coalition (GRANT). ANN LEE. By 3/9/2018, storm system mapping, including QA/QC topology checks is 100% completed in Shaker tribs-Ann Lee pond watershed. Includes: Albany County, Village of Colonie, Town of Colonie. Data prepared for storm sewershed delineation.19. Description: 3-4 MG3 Coalition (GRANT). ANN LEE. By 3/9/2019, Shaker tribs-Ann Lee pond storm sewershed is delineated. Includes: Albany County, Village of Colonie, Town of Colonie.20. Description: 3-4 MG6 Coalition (GRANT). PATROON. By 3/9/2017 Coalition Stormwater Program Technician completes Town of Colonie storm system QA/QC topology data check for Patroon Creek watershed portion of Town. May include grant funded mapping technicians.21. Description: 3-4 MG17 Coalition, Albany County (GRANT). KRUMKILL. By 3/9/2017 Coalition Program Technician, County staff map 100% of storm system owned by County located in Krumkill watershed. Includes QA/QC and topology checks. Data posted on Coalition mapper.22. Description: 3-4 MG18 Coalition (GRANT) KRUMKILL. By 3/9/2017 Coalition Program Technician secures NYSDOT outfall maps for use when analyzing connectivity and ownership of storm system infrastructure throughout Krumkill watershed and elsewhere along NYSDOT roads.23. Description: 3-4 MG4 Coalition (GRANT). PATROON. By 3/9/2017, Coalition Stormwater Program Technician and Village of Colonie staff complete 100% of storm system mapping in Village of Colonie Patroon Creek watershed,

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includes QA/QC topology checks. Data posted on Coalition Stormwater Program Mapper.

24. Description: 3-4 MG27 Coalition & City of Watervliet staff (GRANT). CSO. By 3/9/2018 75% of City of Watervliet storm and combined sanitary-storm infrastructure is mapped. Includes QA/QC, topology checks. Data potentially posted on Coalition mapper.

25. Description: 3-4 MG22 Coalition, Village of Menands, Town of New Scotland, Village of Colonie, Albany County staff (GRANT). STORM MAPPING-NOT PRIORITY WATERSHEDS. By 3/9/2018, complete storm system mapping for Village of Menands, Town of New Scotland, Village of Colonie, and Albany County. Includes QA/QC, topology checks. Data posted on Coalition mapper.

26. Description: 3-4 MG28 Coalition & City of Watervliet staff (GRANT). CSO. By 3/9/2019 100% of City of Watervliet storm and combined sanitary-storm infrastructure is mapped. Includes QA/QC, topology checks. Data potentially posted on Coalition mapper.

27. Description: 3-4 MG23 Coalition & Town of Guilderland staff (GRANT). STORM MAPPING-NOT PRIORITY WATERSHEDS. By 3/9/2018 70% of Town of Guilderland storm system located outside Krumkill watershed is mapped, includes QA/QC, topology checks. Data posted on Coalition mapper.

28. Description: 3-4 MG2 V/Menands & Coalition. By 3/9/2019, as part of DEC grant, the Village of Menands SW Program Coordinator will oversee and coordinate with Coalition staff an updated storm system infrastructure map.

29. Description: 3-4 MG25 Coalition & City of Cohoes staff (GRANT). CSO. By 3/9/2018 75% of City of Cohoes storm and combined sanitary-storm infrastructure is mapped. Includes QA/QC, topology checks. Data potentially posted on Coalition mapper.

30. Description: 3-4 MG24 Coalition & Town of Guilderland staff (GRANT). STORM MAPPING-NOT PRIORITY WATERSHEDS. By 3/9/2019 100% of Town of Guilderland storm system located outside Krumkill watershed is mapped, includes QA/QC, topology checks. Data posted on Coalition mapper.

31. Description: 3-4 MG11 Coalition, Albany County, Town of Guilderland (GRANT) PATROON. By 3/9/2017 Coalition Program Technician, County, and T/Guilderland staff complete 100% storm system mapping of infrastructure in Patroon Creek watershed owned by County and Town of Guilderland, includes QA/QC and topology checks. Data posted on Coalition mapper.

32. Description: 3-4 MG29 Coalition and Town of Bethlehem staff (GRANT). KRUMKILL. By 3/9/2018, Coalition Program Technician secures from T/Bethlehem existing storm system infrastructure mapping data of Krumkill watershed. Post on Coalition web mapper, adjusted for purpose of sewershed delineation.

34. Description: 3-4 MG13 Coalition and U Albany (GRANT). PATROON & KRUMKILL. By 3/9/2017 Coalition Program Coordinator explains mapping project to interested U Albany staff; both explore how best to delineate storm sewershed boundaries of Patroon and Krumkill watersheds; options explored; grant mapping resources utilized as needed.

35. Description: 3-4 MG1 Coalition (GRANT). ANN LEE. By 3/9/2017, storm system mapping is 75% completed in Shaker tribs-Ann Lee pond watershed. Includes: Albany County, Village of Colonie, Town of Colonie.

36. Description: 3-5 MG4 Coalition staff & member MS4s (GRANT). FORMS. By 3/9/2018, Coalition members review ORI Inspection Form. Purpose to use or update as needed for conversion to field based tablet inspection form potentially integrated with GIS technology.

37. Description: 3-5 MG3 Coalition staff & member MS4s (GRANT). FORMS. By 3/9/2019, ORI inspection form field tested, MS4s using tablets purchased with grant funds; trained in tablets and related use of Coalition mapper if necessary.

38. Description: 3-5 MG4 Coalition staff & member MS4s (GRANT). FORMS. By 3/9/2018, Coalition members review ORI Inspection Form. Purpose to use or update as needed for conversion to field based tablet inspection form potentially integrated with GIS technology.

39. Description: 3-8 MG3 Coalition. By 3/9/2018, Coalition staff assist members with writing IDDE Program Procedures if requested.

New Goals (Activities):

1. Restock ORI Kits as needed.
2. For 2018/2019, complete field & program mapping, corrections, finalization, metadata, and posting on SwIM for Albany County; Town of New Scotland; and Village of Green Island. (GRANT)
3. For 2018/2019, review and prepare existing datasets for Krumkill; Patroon; and Ann Lee Pond sewershed delineations (UAlbany; Town of Bethlehem; Town of Colonie) (GRANT)
4. For 2018/2019, complete sewershed delineations for storm system infrastructure in Krumkill; Patroon, and Ann Lee Pond watersheds; merge inter MS4 system data as needed; use all necessary data sets from Coalition members. Post on SwIM, if practical and helpful. (GRANT)
5. Test, develop, and finalize an ORI inspection Form using ESRI Survey123 ArcGIS Online platform (GRANT)
6. For all ArcGIS Online Survey 123 Forms, research all ESRI related costs; Stormwater Interactive Mapper "SwIM" issues; and long term administrative concerns for Coalition and members; present findings to Coalition Working Group/Board; discuss funding options and considerations with NYSDEC (GRANT)
7. Research Pronto Forms as alternative to ESRI ArcGIS Online Survey123; discuss with Town of Bethlehem; evaluate costs, hosting issues, and long term administrative costs for Coalition; present finding to Working Group/Board; discuss with NYSDEC (GRANT)
8. Purchase/load/give tablet w/ORI Inspection Forms to interested MS4s. - may/may not be ESRI based (GRANT)
9. Depending on Coalition long term funding and administrative decisions, organize ORI Inspection training using tablets w/Form

Activity Logs

Activity Date	Data Type	Quantity	Comments
09/29/2017			GRANT: CSO mapg completed for C/Cohoes; C/W/vliet; and V/Green Is. Data given to CHA for CSO LTCP Consent Order Asset Mgmt Plan (geodatabases; hard copy map; metadata).

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12/29/2017	Coalition staff assisted V/Menands with IDDE Procedures. Procedures update completed by end of 2017.
01/25/2018	GRANT: For this reporting period, a method was developed to delineate storm sewersheds. The method was presented to the Coalition Working Group (area: Ann Lee sub-watershed/storm system infrastructure owned by Village of Colonie). The same sewershed delineation was used to test the WinSLAMM modeling software. The WinSLAMM software is designed to analyze pollutant loading for small, catchment areas where the storm system infrastructure is clearly separated.
01/29/2018	ORI Kit supplies ordered and received; delivered to Albany County Water Purification District (test strips, restock).
02/28/2018	GRANT: For this reporting period, Coalition staff explored GIS based FORMS technology. A sample ORI form was prepared using ESRI Survey 123 App.
03/09/2018	GRANT: For this reporting period, various map data sets were reviewed to determine status of mapping; and remaining mapping (Albany County; Town of New Scotland; Village of Menands; Village of Green Island; City of Albany)
03/09/2018	GRANT: To delineate storm sewersheds; particularly for storm drainage networks straddling multiple MS4/municipal boundaries, all relevant datasets need to be acquired. To delineate the Patroon Creek; Krumkill; and Ann Lee pond sewersheds, datasets are needed from Albany County; T/Guilderland; T/Bethlehem; City of Albany; V/Colonie; T/Colonie; and University at Albany. Two data sets are finalized and ready (T/Guilderland; Village of Colonie); three data sets have been provided to Coalition, but need to be reviewed and prepared for the sewershed delineation (UAlbany; T/Colonie; T/Bethlehem); and two datasets require additional field mapping (Albany County; City of Albany)
	While a test sewershed has been delineated in the Ann Lee pond watershed, given the status of all necessary storm system datasets, sewersheds have not been delineated for Patroon, Krumkill, and Ann Lee watersheds.
03/09/2018	GRANT: For this reporting period, mapping effectiveness is evaluated across all MCMs and individual BMPs ignored. Storm system & program map'g (outfalls-correct/archive, PCSMPs-location/inventory, muni facilities-location/inventory) completed/finalized for V/Colonie; T/Guilderland; C/Cohoes; C/Watervliet.

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A1 Stormwater Coalition (MS4 Permit # NONE) BMP Detail | Minimum Control Measure: 2D-4 Construction Site Runoff Control (MCM4 SWCoal/Mbr MS4s) SWMP '18 to '19 - Annu

Added:	3/29/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <ol style="list-style-type: none"> 1. Description: 5-9 MG2 Coalition staff & consultants (GRANT). FORMS. By 3/9/2018, consultant services guide process of developing MS4 Construction Site Inspection Form. Form(s) finalized, linked to location of construction sites posted on Coalition mapper or used by individual GIS staff. 2. Description: 5-9 MG3 Coalition staff & member MS4s (GRANT). FORMS. By 3/9/2019, MS4 Construction Site Inspection Form field tested, MS4s using tablets purchased with grant funds; trained in tablets and use of Coalition mapper if necessary. 3. Description: 4-5 MG4 Coalition staff & member MS4s (GRANT). FORMS. By 3/9/2018, Coalition members review MS4 Construction Site Inspection Form. Purpose to use or update as needed for conversion to field based tablet inspection form potentially integrated with GIS technology. 4. Description: 4-7 MG2 Coalition. By 3/9/2017, the Stormwater Coalition co-sponsors with Albany County Soil and Water Conservation District, one 4-Hr Construction Operator Training in Albany County. <p>New Goals (Activities):</p> <ol style="list-style-type: none"> 1. Co-sponsor with ACSWCD, 1 4hr E/SC training for Construction Site Operators; distribute promotional material to Coalition members; post training info on Coalition website; pay tuition as needed, if possible. 2. Test, develop, and finalize an MS4 Construction Site Inspection Form using ESRI Survey123 ArcGIS Online platform (GRANT) 3. For all ArcGIS Online Survey 123 Forms, research all ESRI related costs; Stormwater Interactive Mapper "SwIM" issues; and long term administrative concerns for Coalition and members; present findings to Coalition Working Group/Board; discuss funding options and considerations with NYSDEC (GRANT) 4. Research Pronto Forms as alternative to ESRI ArcGIS Online Survey123; discuss with Town of Bethlehem; evaluate costs, hosting issues, and long term administrative costs for Coalition; present finding to Working Group/Board; discuss with NYSDEC (GRANT) 5. Purchase/load/give tablet w/MS4 Construction Inspection Form to interested MS4s. - may/may not be ESRI based (GRANT) 6. Depending on Coalition long term funding and administrative decisions, organize MS4 Construction Site Inspection training using tablets w/Form

Activity Logs

Activity Date	Data Type	Quantity	Comments
03/09/2018			For this reporting period, the ACSWCD organized and Coalition co-sponsored two 4 hr E/SC Construction Operator trainings (4/4/2017 and 11/14/2017). See MCM 1 for more information.
03/09/2018			GRANT: For this reporting period, the ESRI Survey 123 Form technology was evaluated by Coalition staff using the ORI IDDE form. Conclusion: the same Form creation interface (Survey 123/online App) can be used to easily create the MS4 Construction Site Inspection Form. Need for consultant services to do what is unclear; may be possible to complete most of the Forms work in-house. Other non-ESRI On-Line Forms are currently in use by Coalition member (T/Beth-Pronto Forms) to manage their MS4 Permit. Forms already created and in use (ORI/MS4 Construction Site Inspections/PC SMP inspection Form), using tablets. This option needs to be researched.

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A1 Stormwater Coalition (MS4 Permit # NONE) BMP Detail | Minimum Control Measure: 2E-5 Post-Construction Stormwater Mgmt (MCM5 SWCoal/Mbr MS4s) SWMP '18 to '19 - /

Added:	3/27/2018	Due:	3/9/2020
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <ol style="list-style-type: none"> 1. Description: 5-8 MG2 Coalition staff & member MS4s (GRANT). By 3/9/2018, 65% of post construction stormwater practices mapped using ESRI software, each practice has unique ID number, data collected conforms with mutually agreed upon data model for post construction practices. Grant funded mapping technicians assist. 2. Description: 5-8 MG3 Coalition staff & member MS4s (GRANT). By 3/9/2019, 100% of post construction stormwater practices mapped similar to previous years. Grant funded mapping technicians assist. 3. Description: 5-9 MG3 Coalition staff & member MS4s (GRANT). By 3/9/2019, stormwater practices inspection forms field tested, MS4s using tablets purchased with grant funds; trained in tablets and use of Coalition mapper if mapper integrated with form technology. 4. Description: 5-9 MG4 Coalition staff & member MS4s (GRANT). FORMS. By 3/9/2018, Coalition members review the FINAL Post Construction Maintenance document developed by NYSDEC and after consulting with DEC decide which if any forms should be converted to Smartphone technology, and included in consultant RFP. <p>New Goals (Activities):</p> <ol style="list-style-type: none"> 1. Complete field work- system and program mapg (outfalls-corrected/archive; PCSMPs-inventory/mapped; muni facilities inventory/mapped); finalize data & post on SwIM (AlbCnty/T-NewScotland/Ci-Alb/VGrnls) (GRANT) 2. Test, develop, and finalize 3 PC SMP Inspection Forms modeled after NYSDEC Maintenance Guidance - SW Mgmt Practices (GRANT) 3. Fo: all ArcGIS Online Survey 123 Forms, research all ESRI related costs; Stormwater Interactive Mapper "SwIM" issues, and long term administrative concerns for Coalition and members; present findings to Coalition Working Group/Board; discuss funding options and considerations with NYSDEC (GRANT) 4. Research Pronto Forms as alternative to ESRI ArcGIS Online Survey123 Forms (ORI/MS4 Construction Inspection/PC SMPs/Muni Fac Fcrms); discuss with Town of Bethlehem; evaluate costs, hosting issues, and long term administrative costs for Coalition; present finding to Working Group/Board; discuss with NYSDEC (GRANT) 5. Purchase/load/give tablet w/PC SMP Forms to interested MS4s.- may/may not be ESRI based (GRANT) 6. Depending on Coalition long term funding and administrative decisions, organize MS4 PC SMPs Inspection training using tablets w/Form

Activity Logs

Activity Date	Data Type	Quantity	Comments
03/09/2018			For this reporting period, ESRI ArcGIS Online Survey 123 Form technology tested using ORI Forms; Form creation easily transferred to PC SMPs Forms; next steps considered-need for consultant? completed Form work in house?
03/09/2018			GRANT: For this reporting period, mapping effectiveness is evaluated across all MCMs and individual BMPs ignored. Storm system & program mapg (outfalls-correct/archive, PCSMPs-location/inventory, muni facilities-location/inventory) completed/finalized for V/Colonie; T/Guilderland; C/Cohoes; C/Waterliet.

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A1 Stormwater Coalition (MS4 Permit # NONE) BMP Detail | Minimum Control Measure: 2F-6 Pollution Prevention/Good Housekeep'g (MCM6 SWCoal/Mbr MS4s) SWMP '18 to '19

Added:	3/27/2018	Due:	3/9/2019
Completed:	NA	Description:	<p>Previous Goals for 2018 from SWMPv5:</p> <ol style="list-style-type: none"> 1. Description: 6-1 MG3 Coalition staff & member MS4s (GRANT). By 3/9/2018, 100% of all municipal facilities (Coalition-wide) are mapped according to data model of highest mutual interest; data posted on Coalition mapper. Includes unique ID, allows for use of standardized forms. 2. Description: 6-1 MG2 Coalition staff & member MS4s (GRANT). By 3/9/2018, 85% of all municipal facilities (Coalition-wide) are mapped according to data model of highest mutual interest; data posted on Coalition mapper. Includes unique ID, allows for use of standardized forms. 3. Description: 6-2 MG4 Coalition staff & member MS4s (GRANT). FORMS. By 3/9/2018, Coalition staff and members review content of municipal facility self audit forms (SW Coalition; other MS4s; possibly updated DEC MS4 Permit Self Audit Form). Content of these forms used to develop scope of services for GIS consultant charged with adapting these paper forms to electronic, web based, GIS friendly collector devices. 4. Description: 6-2 MG2 V/Menands & Coalition. By 3/9/2018, V/Menands & Coalition staff will review BMP Summary Sheets developed for each V/Menands facility (2014 & 2015); implement named goals; revise as needed. 5. Description: 6-2 MG3 Coalition staff & consultants (GRANT). By 3/9/2018, consultant services guide process of developing municipal tri-annual self audit forms. Forms finalized, linked to municipal facilities posted on Coalition mapper. 6. Description: 6-2 MG4 Coalition staff & member MS4s (GRANT). By 3/9/2019, municipal self audit forms field tested, MS4s using tablets purchased with grant funds; trained in tablets and use of Coalition mapper if mapper integrated with form technology. 7. Description: 8-1 MG2 T/New Scotland & Coalition. By 3/9/2018, Coalition staff will present to the Town Board an overview of Clean Water Act requirements. 8. Description: 8-2 MG3 T/Bethlehem. By 3/9/2018, the Town of Bethlehem will discuss with the Stormwater Coalition status, interest in, and capacity of Coalition to present to the Town of Bethlehem Planning Board a "Green Infrastructure" program as follow up to Clean Water Act intro program. <p>New Goals (Activities):</p> <ol style="list-style-type: none"> 1. Coordinate circulation of Coalition training DVDs for use by Coalition members 2. Depending on Coalition administrative decisions, develop/implement/fund an in-house SWPPP review training for members 3. Complete field work- system and program map'g (outfalls-corrected/archive; PCSMPs-inventory/mapped; muni facilities inventory/mapped); finalize data & post on SwIM (AlbCnty/T-NewScotland/Ci-Alb/VGrnls) (GRANT) 4. Test, develop, and finalize Municipal Self Audit form modeled after Coalition Municipal Facility Self Audit Form and/or NYSDEC DRAFT MS4 Permit form (GRANT) 5. For all ArcGIS Online Survey 123 Forms, research all ESRI related costs; Stormwater Interactive Mapper "SwIM" issues; and long term administrative concerns for Coalition and members; present findings to Coalition Working Group/Board; discuss funding options and considerations with NYSDEC (GRANT) 6. Research Pronto Forms as alternative to ESRI ArcGIS Online Survey123 Forms (ORI/MS4 Construction Inspection/PC SMPs/Muni Fac Frms); discuss with Town of Bethlehem; evaluate costs, hosting issues, and long term administrative costs for Coalition; present finding to Working Group/Board; discuss with NYSDEC (GRANT) 7. Purchase/load/give tablet w/Municipal Self Audit Form to interested MS4s.- may/may not be ESRI based (GRANT) 8. Depending on Coalition long term funding and administrative decisions, organize Municipal Facility Self Audit inspection training using tablets w/Form

Activity Logs

Activity Date	Data Type	Quantity	Comments
03/09/2018			OTHER: For this reporting period, Coalition did NOT provide Clean Water Act training for T/New Scotland Town/Planning Board; no Green Infrastructure training for T/Beth. Grant deliverables dominated all Coalition work (staff resignations; budget adj; hiring; UAlbany mapping projects; storm/CSO system mapping; SwIM upload/metadata/design).
03/09/2018			GRANT: For this reporting period, ESRI ArcGIS Online Survey 123 Form technology tested using ORI Forms; Form creation easily transferred to MS4 Permit forms. Did not take a close look Coalition Municipal Facility Self Audit Form; likely that some of that form fits the Survey123 format. Next steps considered-will Survey 123 work for municipal facility self audit form? need for consultant? complete Form work in house?
03/09/2018			GRANT: For this reporting period, mapping effectiveness is evaluated across all MCMs and individual BMPs ignored. Storm system & program map'g (outfalls-correct/archive, PCSMPs-location/inventory, muni facilities-location/inventory) completed/finalized for V/Colonie; T/Guilderland; C/Cohoes; C/Watervliet.

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