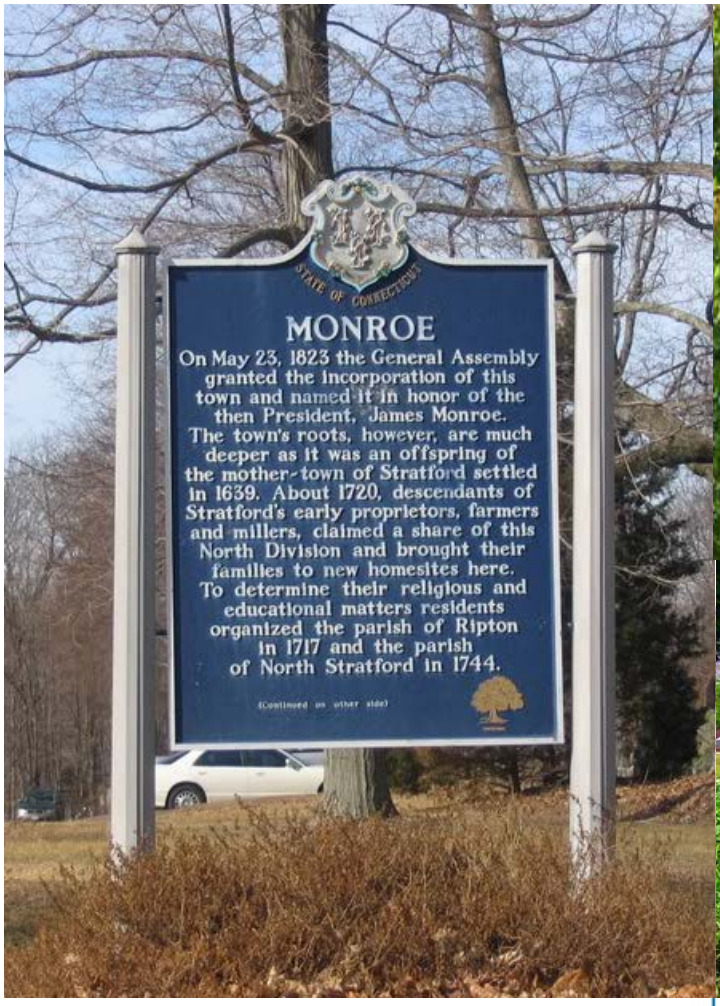

General Permit for the Discharge of Stormwater from Separate Municipal Storm Sewer Systems

2018 Annual Report

Prepared For:

Town of Monroe

March 4, 2019

MS4 General Permit
Town of Monroe 2018 Annual Report
Permit Number GSM 000013
January 1, 2018 – December 31, 2018

Part I: Summary of Minimum Control Measure Activities

1. Public Education and Outreach

MS4 General Permit Section 6(a)(1) / page 19, requires the Town to "implement a public education program to distribute educational materials to the permittee's community or conduct equivalent outreach activities about the sources and impacts of stormwater discharges on waterbodies and the steps that the public can take to reduce pollutants in stormwater runoff."

1.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
1.1 Implement public education and outreach	Ongoing	**1.1a: General Stormwater Information Brochure.** The Town also had a display table in its Land Use Office that included 50 copies of a brochure titled: "Developing Your Stormwater Pollution Prevention Plan – A Guide for Construction Sites". The display table was located next to the waiting area at the Land Use Office counter. A copy of the brochure appears in **Appendix A.**	Develop or procure from CTDEEP/other MS4s educational materials focused on a targeted pollutant, with a minimum of at least one brochure, flyer, booklet, presentation, or public access advertisement per topic. Also make materials available on Town website.	Town Engineer	07/01/19	Completed: 06/30/17	
		1.1b: Bacteria and Pet Waste Educational Material: The Town used a brochure titled "Pet Waste and Stormwater", keeping copies with its display board.				Completed: 06/30/18	
		1.1c: Display Board Procurement: The Town displayed its MS4 Presentation Board at the Department Services Fair held on				Completed: 10/05/2018	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
		October 5, 2018. The event was a two hour manned event which presents information about various Town services to the public. **1.1d: Nitrogen and Phosphorus Management Educational Material:** The Town developed a brochure titled "Clean Water Begins with You: Nutrient Management for a Healthier Lawn and Environment", that targeted good lawn maintenance practices. A copy of the brochure appears in **Appendix A**.	Year 1: Bacteria and pet waste. Year 2: Nitrogen & phosphorous Year 3: Mercury Year 4: Impervious coverage Year 5: Illicit Discharges			Completed: 10/15/2018	
1.2 Address education/ outreach for pollutants of concern*	Ongoing	**1.2a: Bacteria and Pet Waste Educational Material:** The Town used a brochure titled "Pet Waste and Stormwater", keeping copies with its display board. 50 copies of brochures were displayed. **1.2b: Nitrogen and Phosphorus Management Educational Material:** The Town developed a brochure titled "Clean Water Begins with You: Nutrient Management for a Healthier Lawn and Environment", that targeted good lawn maintenance practices. Copies of the brochure were included with the Stormwater Display Board at public events. A copy of the brochure appears in **Appendix A**.	Display brochures or fact sheets in the Town Hall. Each year, a new topic will be featured: Year 1: Bacteria and pet waste. Year 2: Nitrogen & phosphorous Year 3: Mercury Year 4: Impervious coverage Year 5: Illicit Discharges		07/01/19	Projected: 06/30/18 Completed: 10/05/2018	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details

1.3 Update Stormwater Page on Town Website	Ongoing	**1.3a: Update Town Stormwater Website.** The Town's stormwater website is located at:
		
		http://www.monroect.org/stormwater-pollution-control-resources
		
		The current stormwater page includes the following:
		
		• Overview of the MS4 Regulatory Program
		  • Description of a Watershed
		  • Notice to Developers and Engineers regarding the Construction General Permit
		  • Links to:
		  • 2002 Connecticut Sediment and Erosion Control Guidelines
		  • 2004 Connecticut Stormwater Quality Manual
		  • 2000 Connecticut DOT Drainage Manual
		• MS4 General Permit Documents
		  • 2017 MS4 Annual Report
		  • 2017 MS4 Stormwater Management Plan
		  • 2018 IDDE Plan
		• MS4 Educational Materials for Homeowners
		  • Don't Flush Trouble
		  • Rainfall as a Resource: LID
		  • Rainfall as a Resource: Pervious Pavement
		  • Rainfall as a Resource: Rain Barrels
		  • River Smart
		  • Simple Steps to Save Water
			Develop and collect stormwater-specific educational materials to share with the public, pursuant to BMP 1.1 and 1.2. Update stormwater page on Town website with information on potential sources of, impacts of, and solutions to stormwater pollutants of concern.	Town Engineer	06/30/18	Completed: 12/31/17, Maintenance activity ongoing	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
		• Developing Your Stormwater Pollution Prevention Plan – A Guide for Construction Sites • Think Green – Stay Blue					
		1.3b: Add Bacteria and Pet Waste Educational Material to Website: The Town is working with its MS4 Consultant to procure appropriate educational materials related to pet waste and bacteria by the end of Year 1 of the effective General Permit. Once material is selected, it will be posted to the Town website.				Projected: 06/30/18	
		1.3c: Add Nitrogen and Phosphorus Management Educational Material to Website: The Town will add an electronic copy of its "Clean Water Begins with You: Nutrient Management for a Healthier Lawn and Environment" brochure to its stormwater resources page on the Town website.				Projected: 06/30/2019	

1.2 Describe any Public Education and Outreach activities planned for the next year, if applicable.

Projected activities for 2019:

1. Procure educational materials on mercury and post 50 copies of these materials in the Land Use Office at Town Hall.
2. Add the material procured in Item 1 above to the Town website.
3. Continue to use display board in Town Hall, and at Town-sponsored events.
4. Continue announcements on WMNR, and broadcast four announcements.

5. Refresh content on Town stormwater website as needed.

1.3 Details of activities implemented to educate the community on stormwater

Program Element/Activity	Audience (and number of people reached)	Topic(s) covered	Pollutant of Concern addressed (if applicable)	Responsible dept. or partner org.
Brochures: "Developing Your Stormwater Pollution Prevention Plan – A Guide for Construction Sites"	Developers, (approx. 50 brochures)	Sediment and erosion controls, CTDEEP stormwater permits.		Town Engineer
Brochures: "Clean Water Begins with You: Nutrient Management for a Healthier Lawn and Environment"	General public, (approx. 50 brochures)	Lawn care best practices to reduce nutrient loading	Nitrogen Phosphorus	Town Engineer
Town Website	Town Residents (number of page visitors unknown)	• Items not to flush in the toilet • Low impact development • Pervious pavement • Rain barrels • Water Conservation / Landscape Care • General housekeeping best practices	Impervious cover	Town Engineer
Stormwater Display Board	General Public	• General stormwater • Lawn care • Pet waste • Septic system maintenance • Low impact development	Nitrogen Phosphorus Bacteria Pervious Pavement	Town Engineer

2. Public Involvement/Participation

MS4 General Permit Section 6(a)(2) / page 21, requires the Town to "provide opportunities to engage their community to participate in the review and implementation of the permittee's Plan."

2.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
2.1 Comply with public notice requirements for the Stormwater Management Plan	Complete	**2.1 MS4 Plan Notice.** The Town provided a notice on its website about the availability of the new MS4 Plan in 2017. No comments were received.	Publish public notice about the MS4 Plan and Annual Report by January 31. Accept public comments for 30 days following the public notice.	Town Engineer	04/03/17	04/03/17	
2.2 Comply with public notice requirements for Annual Reports	In progress	**2.2 MS4 Annual Report Notice.** The Town provided notice of the availability of the 2017 Annual Report on March 6, 2018. Please refer to **Appendix B**.	Publish public notice about the MS4 Plan and Annual Report by January 31. Accept public comments for 30 days following the public notice.	Town Engineer	2017 Annual Report Notice due 02/15/18 2018 Annual Report Notice due 02/15/19	Completed: 03/06/18 Projected: 02/15/19	
2.3 Partner with Local Volunteer Organizations	In progress	**2.3 Partner with Local Volunteer Organizations.** The Town has provided vests, police support, trash pickup and other logistical support to local volunteer groups in the past, and inquires were made with local organizations, but there were none that were interested in assistance.	Review MS4 plan and identify opportunities to engage with local organizations in implementing the plan. Contact at least one local organization and/or school to engage them in plan implementation and related programs, such as volunteer opportunities and town cleanup days. Engage organizations in plan implementation and programming.	Town Engineer	06/30/18	06/30/18	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
2.4 Household Hazardous Waste Collection	Complete	**2.4 Household Hazardous Waste Collection:** Monroe conducts a Household Hazardous Waste Collection Day in concert with the Towns of Trumbull and Easton. A collection date was held on Saturday, June 9, 2018 and Saturday, October 20, 2018. Information on products accepted was posted to the town website, and is included in **Appendix B**. Paint recycling information is included on the town website at: http://www.monroect.org/content/343/351/375/1082.aspx	Conduct at least one Household Hazardous Waste Collection Day per year for the Monroe community. Notify residents about Household Hazardous Waste Collection dates through the Town website.	Director of Public Works	Ongoing, annually by 12/31/18 Next due: 12/31/19	06/09/18 10/20/18	

2.2 Describe any Public Involvement/Participation activities planned for the next year, if applicable.

The following activities are planned for 2019:

1. Publish notice of 2018 Annual Report Posting.
2. Identify one volunteer organization for clean up assistance.
3. Conduct Household Hazardous Waste Collection Day. Provide material/logistical support as needed and available.

2.3 Public Involvement/Participation reporting metrics

Metrics	Implemented	Date	Posted
Availability of the Stormwater Management Plan announced to public	Yes	04/03/2017	http://www.monroect.org/filestorage/467/469/787/12259/MS4_Stormwater_Management_Plan.pdf
Availability of Annual Report announced to public	Yes	03/06/2018	http://monroect.org/news/?FeedID=403

	http://www.monroect.org/filestorage/467/469/787/12259/M1836_2018_03-06_final_2017_annual_report.pdf

3. Illicit Discharge Detection and Elimination (Section 6(*a*)(3) and Appendix B / page 22)

3.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
3.1 Develop written IDDE program	Complete	**3.1 Illicit Discharge Detection and Elimination Plan.** The Town completed its Illicit Discharge Detection and Elimination Plan, and it is posted on the Town's website at: http://www.monroect.org/filestorage/467/469/787/12259/M1836_2018_01-16_IDDE_plan.pdf	Develop written plan of IDDE program	Town Engineer	07/01/19	Completed: 01/16/18	
3.2 Develop list and maps of all MS4 stormwater outfalls in priority areas	In Progress	**3.2 Develop List and Maps of All MS4 Stormwater Outfalls in Urbanized and Priority Areas.** The Town is under contract with MetroCOG to complete GIS-based mapping of its storm sewer outfalls and network. Please refer to the mapping update in **Appendix C**.	Develop Excel-compatible list and GIS-based map of 50% of all stormwater discharges and interconnections with other MS4s in the Town.	Town Engineer	07/01/20	Projected: 06/30/20	
3.3 Implement citizen reporting program	Complete	**3.3 Implement citizen reporting program.** The Town utilizes Q-Alert's online Request for Service system where citizens can identify the location of a concern. No complaints were received in 2018.	Develop and implement procedure, such as Q-Alert, to track citizen complaints of illicit discharges. Update stormwater page on Town website	Director of Public Works	07/01/17	Completed: 07/01/17	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
		Reports are routed to the appropriate department for action, and a log is generated documenting requests and to track follow-up activities. No reports concerning illicit discharges were received in 2018.	to include reporting process guidelines and contact information. Promptly investigate reported discharges. Update IDDE program with reported illicit discharge information as needed. Update Annual Report with reported illicit discharge information as needed.				
3.4 Establish legal authority to prohibit illicit discharges	Complete	**3.4 Establish legal authority to prohibit illicit discharges.** The Town has established an illicit discharge ordinance, effective October 20, 2018. Please refer to **Appendix D**.	Update existing legal authority to eliminate illicit discharges to the MS4.	Town Engineer	07/01/19	Complete: 10/20/18	
3.5 Develop record keeping system for IDDE tracking	Complete	**3.5 Develop record keeping system for IDDE tracking.** The Town utilizes Q-Alert's online Request for Service system where citizens can identify the location of a concern. Reports are routed to the appropriate department for action,	Develop and implement procedure for tracking illicit discharge abatement activities. Update Annual Report with abatement activity information.	Town Engineer & Director of Public Works	07/01/17	07/01/17	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
		and a log is generated documenting requests and to track follow-up activities.					
3.6 Address IDDE in areas with pollutants of concern	In progress	**3.6 Address IDDE in areas with pollutants of concern.** The Town's Written IDDE plan includes wet weather sampling within areas of impaired waters.	Identify priority locations for IDDE program based on stormwater pollutants of concern. Tailor IDDE program to prioritize these locations and implement the program. Update Annual Report with information on the prioritized areas, actions taken by the Town to address these areas, and the anticipated pollutant reduction.	Town Engineer	Not specified	Projected: Initial screening complete by 06/30/20	

3.2 Describe any IDDE activities planned for the next year, if applicable.

The Town plans the following activities for 2019:

1. Continue to build out its storm sewer mapping
2. Continue to utilize the Q-Alert system for citizen complaints.
3. Enforce the IDDE ordinance as necessary.
4. Continue implementation of written IDDE program.

3.3 List of citizen reports of suspected illicit discharges received during this reporting period.

Date of Report	Location / suspected source	Response taken

3.4 Provide a record of illicit discharges occurring during the reporting period and SSOs occurring July 2012 through end of reporting period using the following table.

Location (Lat long/ street crossing /address and receiving water)	**Date and duration of occurrence**	**Discharge to MS4 or surface water**	**Estimated volume discharged**	**Known or suspected cause / Responsible party**	**Corrective measures planned and completed** (include dates)	**Sampling data** (if applicable)
NO reported illicit discharges						
NO reported sanitary sewer overflows (No sanitary sewers in Monroe)						

3.5 Briefly describe the method used to track illicit discharge reports, responses to those reports, and who was responsible for tracking this information.

Illicit discharge reports are tracked using the Town's Q-Alert system, with the Director of Public Works being the primary person responsible for tracking the information and follow-up results.

3.6 Provide a summary of actions taken to address septic failures using the table below.

Location and nature of structure with failing septic systems	Actions taken to respond to and address the failures	Impacted waterbody or watershed, if known
	The Monroe Health Department issues on average 75 septic permits each year to repair or replace onsite sewage disposal systems. The Health Department works with property owners and septic installers to resolve septic issues in a timely fashion.	

3.7 IDDE reporting metrics

Metrics	
Estimated or actual number of MS4 outfalls	450
Estimated or actual number of interconnections	(unknown)
Outfall mapping complete	70%
Interconnection mapping complete	70%
System-wide mapping complete (detailed MS4 infrastructure)	70%
Outfall assessment and priority ranking	100%
Dry weather screening of all High and Low priority outfalls complete	0%
Catchment investigations complete	0 %
Estimated percentage of MS4 catchment area investigated	0%

3.8 Briefly describe the IDDE training for employees involved in carrying out IDDE tasks including what type of training is provided and how often is it given (minimum once per year).

Annual training is incorporated with the Town's Highway garage staff, who are trained to identify signs of potential illicit discharges, especially in the course to cleaning or replacing catch basins. The Town sanitarian is also trained.

4. Construction Site Runoff Control (Section 6(a)(4) / page 25)

4.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
4.1 Implement, upgrade, and enforce land use regulations or other legal authority to meet requirements of MS4 general permit	Ongoing	**4.1 Implement, upgrade, and enforce land use regulations or other legal authority to meet requirements of MS4 general permit.** Section 6.5.3 of the Town of Monroe Zoning Regulations requires consistency with the 2002 Guidelines for Soil Erosion and Sediment Control and 2004 Stormwater Quality Manual. The Zoning Regulations can be found here: http://www.monroect.org/filestorage/467/469/976/998/ZngRegsTOTAL_101617.pdf Furthermore, the Town requires consistency with the 2002 Guidelines for Soil Erosion and Sediment Control as a standard condition of approval on Inland Wetlands Applications. (Condition E2).	Review existing requirements for adequacy, and require developers, construction site operators, and/or contractors to maintain consistency with the 2002 *Guidelines for Soil Erosion and Sedimentation Control*, as amended; the CT Stormwater Quality Manual; and all stormwater discharge permits issued by CTDEEP within the Town.	Town Engineer	07/01/20	Completed: 07/01/17	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
4.2 Develop/Implement plan for interdepartmental coordination in site plan review and approval	Complete	**4.2 Develop /Implement plan for interdepartmental coordination in site plan review and approval.** The Town has a long established procedure for coordinating review and approval of site plan processes. Plans are distributed to various departments, and all private site development projects are required to have a Pre-Construction Meeting, which is attended by the Town Engineer, Town Planner, town Inspector, Fire Marshal, Building official, Police Department, Health Department, Department of Public Works and Board of Education.	Develop and follow Interdepartmental Coordination Plan	Town Engineer	07/01/17	Complete: 07/01/17	
4.3 Review site plans for stormwater quality concerns	Complete	**4.3 Review site plans for stormwater quality concerns.** The Town reviews site plans for stormwater quality, per Section 6.5.3 of the Monroe Zoning Regulations.	Continue implementing updated site plan review process, site inspections, and enforcement.	Town Engineer	07/01/17	Complete: 07/01/17	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
4.4 Conduct site inspections	Complete	**4.4 Conduct site inspections.** The Town has a site inspection process in place, and requires the Town Inspector be notified at certain project milestones, and for the bond release at the end of the project. Additional inspections may be made in response to citizen complaints. The routine inspections are noted in Items 16, 20, 22 and 24 of the Pre-Construction Meeting Agenda identified in BMP 4.2**.**	Evaluate and update draft standard condition of approval. Inventory privately-owned retention and detention ponds, and other stormwater basins that discharge to/receive drainage from the Town's MS4.	Town Engineer	07/01/17	Complete: 07/01/17	
4.5 Implement procedure to allow public comment on site development	Complete	**4.5 Implement procedure to allow public comment on site development.** The Town utilizes its Q-Alert system through the Town website to allow residents to report concerns with site development.	Develop and implement written procedure for collecting and reviewing citizen feedback regarding proposed and ongoing land disturbance and development activities.	Town Engineer and Director of Public Works	07/01/17	Complete: 07/01/17	
4.6 Implement procedure to notify developers about DEEP construction stormwater permit	Complete	**4.6 Implement procedure to notify developers about DEEP construction stormwater permit.** The Town notifies applicants of their	Continue the Town's procedure for notifying applicants of their potential obligation to	Town Engineer	07/01/17	Complete: 07/01/17	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
		potential obligation to register for the General Permit for the Discharge of Stormwater and Dewatering Wastewaters Associated with Construction Activities as part of its Pre-Construction Meeting Program, and has a standard condition of approval.	register for the Construction General Permit.				
4.7 Require Operation and Maintenance Plans	Complete	**4.7 Require Operation and Maintenance Plans.** Section 6.5.2 of the Monroe Zoning Regulations requires operations and maintenance programs for proposed soil erosion and sediment control measures and stormwater management facilities.	Evaluate current regulations for consistency with MS4 permit.	Town Planner	06/30/18	Complete: 07/01/17	
4.8 Interjurisdictional Agreements	In progress	**4.8 Interjurisdictional Agreements.** The Town has plotted its outfalls, and will determine where outfalls tie into neighboring MS4s.	Identify locations where Monroe's MS4 discharges into the MS4 of a neighboring community. Notify adjoining communities.	Town Engineer	06/30/18	Projected: 06/30/19	The Town is mapping its outfalls and interconnections, and is therefore still identifying potential interconnection locations.

4.2 Describe any Construction Site Runoff Control activities planned for the next year, if applicable.

The following activities are planned for 2019:

1. Identification of locations where Monroe's MS4 discharges into a neighboring MS4, and develop agreements as appropriate.
2. Continue the following practices:
    a. Notification of applicants of their potential obligation to register under the Construction General Permit.
    b. Utilize the Q-Alert system for citizen feedback on land disturbance activities.
    c. Site inspections.
    d. Site review.
    e. Implementation of interdepartmental Pre-Construction meeting.
    f. Require consistency with 2002 Guidelines for Soil Erosion and Sediment Control and the 2004 Stormwater Quality Manual.

5. Post-construction Stormwater Management (Section 6(*a*)(5) / page 27)

5.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
5.1 Establish and/or update legal authority and guidelines regarding LID and runoff reduction in site development planning	Complete	**5.1 Low Impact Development Requirements.** Section 6.5.3 of the Monroe Zoning Regulations require consistency with the 2004 Stormwater Quality Manual and the 2011 Low Impact Development Supplement.	Review and evaluate existing relevant ordinances, regulations and procedures.	Town Engineer	07/01/22	Complete: 07/01/17	
5.2 Enforce LID/runoff reduction requirements for development and redevelopment projects	Complete	**5.2 Low Impact Development Requirements.** Section 6.5.3 of the Monroe Zoning Regulations require consistency with the 2004 Stormwater Quality Manual and the 2011 Low Impact Development Supplement.	Update or develop regulations and/or design guidelines that require developers/contractors to first consider implementation of LID/runoff reduction measures for development and redevelopment projects in the Town as specified in the MS4 permit.	Town Engineer	07/01/22	Complete: 07/01/17	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
5.3 Identify retention and detention ponds in priority areas	In progress	**5.3 Identification of Detention Ponds in Priority Areas.** The Town began its mapping efforts and is mapping known private and public detention ponds. 120 detention areas have been identified as of December 13, 2018.	Identify retention and detention ponds in priority areas.	Public: Director of Public Works Private: Town Engineer	07/01/22	Projected: 07/01/22	
5.4 Implement long-term maintenance plan for stormwater basins and treatment structures	In progress	**5.4 Implement Long Term Maintenance Plan.** The Town maintains its retention and detention ponds on an as needed basis. Operations and maintenance plans are required for private basins.	Prepare draft condition of approval for inspection access. Require operation and maintenance plans.	Town Planner: Town Planner:	07/01/22	Projected: 07/01/22	
5.5 DCIA mapping	In progress	**5.5 DCIA Mapping.** The Town will utilize the CTDEEP impervious coverage layer, and is developing a request to MetroCOG to prepare the calculation of impervious coverage to each outfall.	Calculate the DCIA that contributes to at least one third of the outfalls within the Town's MS4, per year in 2018, 2019 and 2020.	Town Engineer:	07/01/20	Projected: 07/01/20	
5.6 Address post-construction issues in areas with pollutants of concern	Ongoing	**5.6 Post Construction Erosion and Sediment.** Identify erosion and sediment problems in impaired waters. Develop and implement short- and	As issues arise on publicly owned property, work is done in-house to correct the issue to the	Public: Director of Public Works Private: Town Engineer	Not specified	Ongoing	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
		long-term maintenance solutions to the problems as funding becomes available, or use legal authority to hold property owners accountable. Update annual report with identification of problem areas, the cost of the retrofit, and the anticipated pollutant reduction.	extent practicable. Otherwise, it is incorporated into a listing of projects. On privately owned land, typically a wetlands violation notice will be issued.				
5.7 Turf reduction	Complete	**5.7 Turf reduction.** The Town's wetland regulations require applicants to preserve as much as the natural buffer as possible.	Review need for requirements for turf reduction	Town Engineer	07/01/18	Complete: 07/01/17	
5.8 Require consistency with the 2004 Connecticut Stormwater Quality Manual	Complete	**5.8 Require consistency with the 2004 Connecticut Stormwater Quality Manual.** Section 6.5.3 of the Monroe Zoning Regulations require consistency with the 2004 Stormwater Quality Manual and the 2011 Low Impact Development Supplement.	Update regulations or policies for permit applicants to maintain consistency with the 2004 Stormwater Quality Manual.	Town Engineer	07/01/18	Complete: 07/01/17	
5.9 Coordination with Local Health Department	Ogoing	**5.9 Coordination with Local Health Department.** The local Health Department is included on	Continue actively coordinating with local Health Department on	Town Engineer	07/01/18	Complete: 07/01/17	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
		application reviews and in the Pre-Construction Meeting process.	MS4 Plan requirements.				

5.2 Describe any Post-Construction Stormwater Management activities planned for the next year, if applicable.

The following activities are proposed for 2019:

1. Continue to enforce LID site development practices
2. Identify public and private retention/detention ponds in priority areas.
3. Prepare draft condition allowing town access to new detention/retention ponds. Continue requirements for access easements in subdivisions.
4. Address post-construction sediment and erosion control issues as they occur.
5. Continue to encourage preservation and enhancement of natural buffers.
6. Continue to require consistency with the 2004 Stormwater Quality Manual.
7. Continue to coordinate application reviews with the local Health Department.

5.3 Post-Construction Stormwater Management reporting metrics

Metrics	
Baseline (2012) Directly Connected Impervious Area (DCIA)	1,761.35 acres
DCIA disconnected (redevelopment plus retrofits)	TBD
Retrofits completed	0
DCIA disconnected	TBD
Estimated cost of retrofits	$0
Detention or retention ponds identified	TBD

5.4 Briefly describe the method to be used to determine baseline DCIA.

The Town utilized the CTDEEP impervious coverage layer.

6. Pollution Prevention / Good Housekeeping (Section 6(*a*)(6) / page 31)

6.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
6.1 Develop/implement formal employee training program	Complete	**6.1 Develop formal training program.** The Town already provides annual training as part of its Industrial Stormwater General Permit. The Town will incorporate MS4 topics into the next training session.	Update training program as needed, incorporate MS4 topics into the annual training program already done as part of the Industrial Stormwater Permit.	Director of Public Works Parks & Recreations Board of Education	07/01/19	Projected: 12/31/18	
6.2 Implement MS4 property and operations maintenance	Ongoing	**6.2a Liquid Containment and Handling.** The Town offers an annual training session as part of its Industrial Stormwater permit, and utilizes secondary containment for storage of liquid materials. **6.2b Town Vehicle Washing.** The Town also utilizes an independent contractor to wash vehicles. The contractor uses a containment boom and then removes the washwater from the site. **6.2c Town Facilities**	Ensure the petroleum and non-petroleum products at its facilities are properly handled via employee education and training. Develop and implement (i) Spill Prevention Plans at facilities as appropriate, (ii) management procedures for waste management equipment, and (iii) plans to sweep parking lots and keep facilities and their surrounding areas clean. Evaluate impacts of vehicle wash	Director of Public Works	07/01/18	Completed: 06/28/2018	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
		Sweeping. Town-owned facilities are swept a minimum of once per year, and on an as-needed basis.	areas at public facilities, and develop best management practices to mitigate their impacts on water quality.				
6.3 Implement coordination with interconnected MS4s	Ongoing	**6.3 Identification of Interconnected MS4s.** The Town has begun its mapping efforts to help identify interconnections.	Coordinate municipal operations with adjoining MS4s.	Director of Public Works	Not specified	Projected: 07/01/19	
6.4 Develop/implement program to control other sources of pollutants to the MS4	In progress	**6.4 Identify non-registered facilities that may be contributors.** Develop a list of facilities in Town not required to register under the Industrial Stormwater Permit, and review screening and monitoring results as they become available.	Review stormwater general permit registrant list and identify potential contributing facilities not on the list. Compare locations of potential contributors to screening and monitoring results to determine if further investigation is warranted.	Town Engineer	Not specified	Projected: 06/30/19	
6.5 Evaluate additional measures for discharges to impaired waters*	Please refer to BMP 6.13, 6.14 and 6.15 for additional detail.						

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
6.6 Track projects that disconnect DCIA	Ongoing	**6.6 Track DCIA coverage.** The Town will track the DCIA coverage on a separate spreadsheet as land development projects are approved and Certificates of Occupancy are issued. The Town did not identify any significant disconnection projects in the past 5 years.	Track the disconnected DCIA acreage, identifying DCIA credit eligible sites constructed within the preceding 5 years.	Town Engineer	07/01/17	Completed: 07/01/17	
6.7 Implement infrastructure repair/rehab program	Complete	**6.7 Implement infrastructure repair/ rehab program.** The Town has a list of projects and reviews them periodically, adding projects or reprioritizing them. The Town will continue this list.	Prepare draft internal policy on MS4 infrastructure repair, rehabilitation, and retrofits.	Department of Public Works	07/01/21	Completed: 07/01/18	
6.8 Develop/implement plan to identify/prioritize retrofit projects	Complete	**6.8 Implement plans based upon data from previous MS4 permit.** The work conducted under the pervious MS4 permit did not indicate any problems with the Town's MS4	Identify required repairs based on data from previous permit and prepare inventory. Make repairs as funding becomes available.	Director of Public Works	07/01/20	Completed: 07/01/17	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
		infrastructure that required retrofit.					
6.9 Implement retrofit projects to disconnect 2% of DCIA	Not started	**6.9 Implement retrofit projects to disconnect 2% of DCIA.** The Town has not identified any opportunities for DCIA disconnection. The Town will continue to look for opportunities on its facilities and with developers.	Disconnect 2% of the Town's DCIA.	Town Engineer	07/01/22	Projected: 07/01/22	
6.10 Develop/implement street sweeping program	Complete	**6.10 Street sweeping program.** The Town sweeps all its streets on an annual basis, and sweeps additional areas where sediment accumulates more often on an as-needed basis.	Develop and implement a procedure for identifying targeted areas for additional street sweeping. Establish a schedule for street sweeping to ensure minimum frequency is met for areas inside and outside areas with DCIA greater than 11% and/or in the Urbanized Area. Document results of sweeping program.	Director of Public Works	12/31/18	Completed: 12/31/18	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
6.11 Develop/implement catch basin cleaning program	Ongoing	**6.11 Catch basin cleaning.** The Town cleans its catch basins on an annual rotating basis. 1,021 were cleaned in 2018. The catch basins are observed at the time of cleaning for structure defects and evidence of illicit discharges.	Continue conducting routine cleaning of all catch basins. Track catch basin inspection observations. Develop and implement a plan for catch basin inspection and maintenance. Update the Annual Report with documentation of the Town's catch basin cleaning and maintenance process.	Director of Public Works	12/31/18	Completed: 12/31/18	
6.12 Develop/implement snow management practices	Ongoing	**6.12 Snow management practices.** The Town's Highway Garage is part of its Industrial Stormwater Permit, therefore safe handling practices are included as part of the training, including the use of secondary containment. The Town minimizes the use of sand on its roadways, and in 2018 used san only	Develop and implement a written snow and ice management plan, including protocols for staff training and record maintenance and updated standard operating practices. Provide appropriate secondary containment for any exterior containers of liquid dicing	Director of Public Works	12/31/18	Completed: 12/31/18	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
		on unimproved roads.	materials. Update the Annual Report with required information on the snow and ice program.				
6.13 Parks and Open Space Management	Ongoing	**6.13 Parks and Open Space Management.** The Town optimizes fertilizer use on its parks properties, and used 65 bags on the upper fields at Great Hollow. Grass clippings are left in place, and leaves are collected and composted. Pesticide use is limited to select application for grub control.	Continue implementing procedures for fertilizer application and disposal of grass clippings and leaves for lands that are the legal responsibility of the Town.	Director of Parks and Recreation	12/31/18	Completed: 12/31/18	
6.14 Pet Waste Management	Ongoing	**6.14 Pet Waste Management.** The Town has a policy of not allowing dogs in its parks. On the Pequonnock River bike path, there are containers for pet waste disposal, which are emptied by a private trash hauler.	Identify locations with the town where pet waste threatens receiving water quality.	Director of Parks and Recreation	12/3118	Completed: 12/31/18	

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
6.15 Waterfowl Management	Ongoing	**6.15 Waterfowl Management.** The Town has identified a few areas where waterfowl congregate. The congregation activity is seasonal and generally not significant.	Identify waterfowl congregation areas.	Director of Parks and Recreation	12/31/18	Completed: 12/31/18	
6.16 Mitigate Stormwater Quality Impacts of Town-Owned Vehicles and Equipment	Complete	**6.16 Mitigate Stormwater Quality Impacts of Town-Owned Vehicles and Equipment.** The Town's Industrial General Permit SWPPP identifies fueling/washing and vehicle maintenance provisions.	Review existing operations and maintenance procedures for Town facilities, and update if the vehicle fueling/washing provisions have not been included.	Director of Public Works	07/01/18	Completed: 07/01/17	
6.17 Leaf Management	Complete	**6.17 Leaf management.** The Town does not provide leaf pickup, but advises residents not to rake their leaves into the street.	Provide notice to residents about not raking leaves into streets on the Town website.	Director of Public Works	07/01/18	Completed: 07/01/17	

6.2 Describe any Pollution Prevention / Good Housekeeping activities planned for the next year, if applicable.

Activities proposed for 2019 include:

1. Continue employee training programs.
2. Continue to institute requirements of the Industrial general Permit SWPPP.
3. Identify interconnected MS4s.
4. Identify potential contributors from General Permit non-registrants.
5. Track DCIA disconnection.
6. Continue existing infrastructure repair policies.
7. Perform infrastructure repairs as needed and as funding is available.
8. Continue street sweeping program.
9. Continue catch basin cleaning program.
10. Continue snow management practices.
11. Continue to optimize fertilizers on town properties.
12. Continue prohibition on dogs from town parks.
13. Identify need for signage to discourage feeding of waterfowl.
14. Continue to maintain and wash Town vehicles in accordance with the Industrial General Permit.
15. Continue leaf management policy.

6.3 Pollution Prevention / Good Housekeeping reporting metrics

Metrics	
Employee training provided for key staff	Yes, 06/28/2018
Street sweeping	
Curb miles swept	131 miles
Volume (or mass) of material collected	TBD
Catch basin cleaning	
Total catch basins in priority areas	TBD, based on mapping
Total catch basins in MS4	3,100
Catch basins inspected	1,021
Catch basins cleaned	1,021
Volume (or mass) of material removed from all catch basins	800 cy
Volume removed from catch basins to impaired waters (if known)	Unknown
Snow management	
Type(s) of deicing material used	Liquid

Total amount of each deicing material applied	3,654 tons
Type(s) of deicing equipment used	Spreader
Lane-miles treated	136 lane-miles
Snow disposal location	In-situ, no hauling of snow
Staff training provided on application methods & equipment	Yes, 11/2018
Municipal turf management program actions (for permittee properties in basins with N/P impairments)	
Reduction in application of fertilizers (since start of permit)	0 lbs.
Reduction in turf area (since start of permit)	0 acres
Lands with high potential to contribute bacteria (dog parks, parks with open water, & sites with failing septic systems)	
Cost of mitigation actions/retrofits	$0

6.4 Catch basin cleaning program

Briefly describe the method used to optimize your catch basin inspection and cleaning schedule. [Complete this section for the 2017 Annual Report only]

The Town has swept their streets and parking lots for a number of years, and based upon this experience, are well aware of the locations where additional cleaning is necessary, typically adjacent to heavily trafficked areas and at roadway low points.

6.5 Retrofit program

Briefly describe the Retrofit Program identification and prioritization process, the projects selected for implementation, the rationale for the selection of those projects and the total DCIA to be disconnected upon completion of each project. [Provide information if available in 2017 report. Section to be completed for the 2019 Annual Report.]

Projects are identified on an as-needed basis, and implemented based upon perceived benefit or potential impact to water quality. In 2018, no projects were undertaken to improve storm drainage quality.

Describe plans for continuing the Retrofit program and how to achieve a goal of 1% DCIA disconnection in future years. [Provide information if available in 2017 report. Section to be completed for the 2019 Annual Report.]

The retrofit program will continue to proceed on an as-needed basis, as funding is made available. The Town is evaluating its properties to identify potential disconnection opportunities, and looks for disconnection opportunities in site plan applications by default since the Town requires conformance with the 2011 LID Supplement to the 2004 Stormwater Quality Manual.

Describe plans for continuing the Retrofit program beyond this permit term with the goal to disconnect 1% DCIA annually over the next 5 years. [Provide information if available in 2017 report. Section to be completed for the 2019 Annual Report.]

The Town will continue with its existing process for implementing its own projects, and also for reviewing Town projects and site applications as they come in for review to help achieve the DCIA reduction goal.

Part II: Impaired waters investigation and monitoring [This section required beginning with 2019 Annual Report]

1. Impaired waters investigation and monitoring program

1.1 Indicate which stormwater pollutant(s) of concern occur(s) in your municipality or institution. This data is available on the MS4 map viewer: http://s.uconn.edu/ctms4map.

Nitrogen/ Phosphorus ☐ Bacteria ☐ Mercury ☐ Other Pollutant of Concern ☐

1.2 Describe program status

Discuss 1) the status of monitoring work completed, 2) a summary of the results and any notable findings, and 3) any changes to the Stormwater Management Plan based on monitoring results.

2. Screening data for outfalls to impaired waterbodies (Section 6(i)(1) / page 41)

2.1 Screening data collected under 2017 permit

Complete the table below for any outfalls screened during the reporting period. Each Annual Report will add on to the previous year's screening data showing a cumulative list of outfall screening data.

Outfall ID	Sample date	Parameter (Nitrogen, Phosphorus, Bacteria, or Other pollutant of concern)	Results	Name of Laboratory (if used)	Follow-up required?

3. Follow-up investigations (Section 6(i)(1)(D) / page 43)

Provide the following information for outfalls exceeding the pollutant threshold.

Outfall	Status of drainage area investigation	Control measure implementation to address impairment

4. Prioritized outfall monitoring (Section 6(i)(1)(D) / page 43)

Once outfall screening has been completed for at least 50% of outfalls to impaired waters, identify 6 of the highest contributors of any pollutants of concern. Begin monitoring these outfalls on an annual basis by July 1, 2021.

Outfall	Sample Date	Parameter(s)	Results	Name of Laboratory (if used)

Part III: Additional IDDE Program Data [This section required beginning with 2019 Annual Report]

1. Assessment and Priority Ranking of Catchments data (Appendix B (A)(7)(c) / page 5)

Provide a list of all catchments with ranking results (DEEP basins may be used instead of manual catchment delineations).

1. Catchment ID (DEEP Basin ID)	2. Category	3. Rank

2. Outfall and Interconnection Screening and Sampling data (Appendix B (A)(7)(d) / page 7)

2.1 Dry weather screening and sampling data from outfalls and interconnections

Provide sample data for outfalls where flow is observed. Only include Pollutant of concern data for outfalls that discharge into stormwater impaired waterbodies.

Outfall / Interconnection ID	Screening / sample date	Ammonia	Chlorine	Conductivity	Salinity	E. coli or enterococcus	Surfactants	Water Temp	Pollutant of concern	If required, follow-up actions taken

2.2 Wet weather sample and inspection data

Provide sample data for outfalls and key junction manholes of any catchment area with at least one System Vulnerability Factor.

Outfall / Interconnection ID	Sample date	Ammonia	Chlorine	Conductivity	Salinity	E. coli or Enterococcus	Surfactants	Water Temp	Pollutant of concern

3. Catchment Investigation data (Appendix B (A)(7)(e) / page 9)

3.1 System Vulnerability Factor Summary

For those catchments being investigated for illicit discharges (i.e. categorized as high priority, low priority, or problem) document the presence or absence of System Vulnerability Factors (SVF). If present, report which SVF's were identified. An example is provided below.

Outfall ID	Receiving Water	System Vulnerability Factors

Where SVFs are:

1. History of SSOs, including, but not limited to, those resulting from wet weather, high water table, or fat/oil/grease blockages.
2. Sewer pump/lift stations, siphons, or known sanitary sewer restrictions where power/equipment failures or blockages could readily result in SSOs.
3. Inadequate sanitary sewer level of service (LOS) resulting in regular surcharging, customer back-ups, or frequent customer complaints.
4. Common or twin-invert manholes serving storm and sanitary sewer alignments.
5. Common trench construction serving both storm and sanitary sewer alignments.
6. Crossings of storm and sanitary sewer alignments.
7. Sanitary sewer alignments known or suspected to have been constructed with an underdrain system;

8. Sanitary sewer infrastructure defects such as leaking service laterals, cracked, broken, or offset sanitary infrastructure, directly piped connections between storm drain and sanitary sewer infrastructure, or other vulnerability factors identified through Inflow/Infiltration Analyses, Sanitary Sewer Evaluation Surveys, or other infrastructure investigations.
9. Areas formerly served by combined sewer systems.
10. Any sanitary sewer and storm drain infrastructure greater than 40 years old in medium and densely developed areas.
11. Widespread code-required septic system upgrades required at property transfers (indicative of inadequate soils, water table separation, or other physical constraints of the area rather that poor owner maintenance).
12. History of multiple local health department or sanitarian actions addressing widespread septic system failures (indicative of inadequate soils, water table separation, or other physical constraints of the area rather that poor owner maintenance).

3.2 Key junction manhole dry weather screening and sampling data

Key Junction Manhole ID	Screening / Sample date	Visual/ olfactory evidence of illicit discharge	Ammonia	Chlorine	Surfactants

3.3 Wet weather investigation outfall sampling data

Outfall ID	Sample date	Ammonia	Chlorine	Surfactants

3.4 Data for each illicit discharge source confirmed through the catchment investigation procedure

Discharge location	Source location	Discharge description	Method of discovery	Date of discovery	Date of elimination	Mitigation or enforcement action	Estimated volume of flow removed

Part IV: Certification

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in this document or its attachments may be punishable as a criminal offense, in accordance with Section 22a-6 of the Connecticut General Statutes, pursuant to Section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute."

Chief Elected Official or Principal Executive Officer	Document Prepared by
Print name: Ken Kellogg First Selectman	Print name: Joseph Canas, PE, LEED AP, CFM Tighe & Bond
Signature / Date:	Signature / Date:

APPENDIX A

Additional landscaping tips for cleaner water

- Plant native vegetative buffers along streams and drainage pathways
- Compost or mulch leaves and yard debris rather than hauling it away
- Direct downspouts away from driveways or storm drains, or install rain barrels to collect roof runoff
- Maintain septic systems to prevent failure and inspect every 3 years
- Sweep up litter and debris from driveways rather than hosing debris into storm drains
- Mow your lawn so no more than one third of the length of the grass is removed.
- Consider using bricks, flagstone, gravel, and other porous materials instead of pavement or concrete

Find out more about Monroe's Stormwater Management Program

http://www.monroect.org/MS4-plan-report

Town of Monroe, Connecticut
Engineering Department
7 Fan Hill Road
Monroe, CT 06460

Clean Water Begins with YOU!

Nutrient Management for a Healthier Lawn and Environment

Why Stormwater Pollution Matters

What is Stormwater?

Stormwater is water from rain or melting snow that does not soak into the ground. It flows from rooftops, over paved areas, bare soil, and sloped lawns. As it flows, stormwater runoff collects and transports soil, pet waste, salt, pesticides, fertilizers, oil and grease, debris and other potential pollutants.

What is the Problem?

Rain and snowmelt wash pollutants from streets, construction sites, and land into storm sewers and ditches. Eventually, the storm sewers and ditches empty the polluted stormwater directly into streams and rivers with no treatment. This is known as stormwater pollution. Polluted stormwater degrades waterbodies like the Pequonnock River. Nutrients such as phosphorous and nitrogen, which are present in lawn fertilizers, can cause the overgrowth of algae resulting in oxygen depletion in waterways.

Lawn Care Best Management Practices

Cover and contain topsoil and mulch during installation. Wind and rain can transport this material from your yard into nearby lakes and streams, where it reduces aquatic habitat and promotes unwanted weed and algae growth.

Never apply fertilize before a rainstorm. Heavy rainfall can cause excess fertilizer to flow into the storm sewer system and end up in local lakes and streams. Save time and money by applying a slowrelease fertilizer in the early spring and allowing time for gradual soil infiltration. Plant vegetated filter areas or swales to trap pollutants along streets and driveways

Leave the clippings on the lawn after mowing. This will save time and money and will promote a healthy turf. Grass clippings return organic matter, nitrogen, phosphorus, and other nutrients to your lawn, thereby reducing the need for fertilizer applications throughout the summer. Studies have shown that grass recycling reduces the need for fertilizer by 25%. If the grass gets too high, then mow over the clippings to shred and scatter them. Do not drain swimming pools to storm drains.

Limit your use of pesticides. Inappropriate use of pesticides can harm humans, pets, and the environment. Use alternatives (biological controls) whenever possible to tackle problems with weeds and insects. If pesticides are used, carefully follow the recommended timing, frequency, and application rates found on the container.

Lawn fertilizer: Less is more

Lawns require nutrients in fertilizer to stay green and healthy. When too much fertilizer is applied, it can wash off during rain events. The nutrients then flow into storm drains, and into watercourses where they become an energy source for algae and aquatic weeds.

Anything applied to the lawn can potentially contaminate surface and ground waters. However, you can minimize the risk posed to our wetlands and watercourses by following these Best Management Practices:

- Save the environment and money! Measure the surface area of your lawn to determine how much product to apply.
- Don't overload your lawn with nutrients. Apply only in amounts prescribed by the manufacturer. Anything more will damage your lawn and waste your money.
- Use proper spray notification signage and comply with neighbor notification regulations.
- Avoid using chemicals near waterways or storm drains
- Dispose of unused or excess pesticides in accordance with CTDEEP and US EPA regulations
- Clean up spills immediately and properly dispose of cleanup materials
- Avoid spraying in windy conditions or when rain is forecast

Consider using spreaders equipped with edge guards to provide additional control and avoid casting fertilizers onto paved surfaces

Reducing turfed areas in favor of native plantings will reduce fertilizer and pesticide demands and improve stormwater quality.

Town to host community services fair

By Monroe Courier on September 26, 2018 in Lead News, News ·

About author

Monroe Courier

The town of Monroe invites residents to attend its community services fair at the Edith Wheeler Memorial Library (Ehlers Room), 733 Monroe Turnpike, on Friday, Oct. 5, from 11:30 a.m. to 1:30 p.m.

The event is being organized to provide information about various town services, such as:

- Public health and safety information from fire and health departments;
- Tips on fraud prevention from the police department;
- Parks & Recreation and Community & Social Services programs;
- Voter registration from Monroe's registrar of voters;
- Absentee ballot information and applications from the town clerk; and
- Information on recycling, bulky waste pickup and household hazardous waste disposal from the Monroe Public Works department.

The Monroe Health Department has also arranged for a local pharmacy to offer annual flu shots. Health Director Nancy Brault encourages residents to obtain a flu shot during your visit.

"Flu vaccines provide annual protection and flu strains change regularly, so it is important to get a new flu shot every year," said Brault.

Walgreens will be providing vaccine for ages 18 and older. High dose, as well as quadrivalent influenza vaccine will be available while supplies last. No appointments are necessary. Cash, Medicare Part B, and major insurance plans will be accepted. People are asked to bring their insurance card.

"Don't wait until it's too late to fight the flu," said Brault.

Call the Monroe Health Department at (203) 452-2818 for more information.

Related Posts:

1. **Monroe Health Department warns of lead hazards during home repairs**
2. **Town offering flu shots for kids**
3. **Town offices closing early due to storm**
4. **Storm knocks out power to 55% of town**

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Family, friends rally around cancer survivor Wall

1 comment • 10 months ago

Patty — Might I point out a few... inconsistencies. Officer Wall is NOT receiving disability payments as Chief …

Football: Masuk hosts Newtown tonight

1 comment • a year ago

PeterMcClelland — I expect to be on hand to cover this game on my McClelland Miscellanea blog. There …

Lawmakers offer thoughts on legalizing pot

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1 comment • 10 days ago

Avocatman — great work Cam!

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Tighe&Bond

APPENDIX B

3/6/2018 - NOTICE OF MS4 STORMWATER ANNUAL REPORT

Public Notice:

Please be advised that The Town of Monroe, as being registered under the Connecticut Department of Energy and Environmental Protection's (CTDEEP) General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems MS4 (latest five year permit issued in 2017), is required by provisions of the Clean Water Act and registration under the General Permit, to file an annual report of activities undertaken to meet the Minimum Control Measures specified in the Permit and in the Town's Stormwater Management Plan.

The General Permit requires a 30 day public comment period on the draft plan before it is filed with CTDEEP.

Accordingly, the report can be viewed in the Engineering Department at Town Hall, 7 Fan Hill Road, Monroe, CT., and/or it can be viewed within the Engineering Department or Public Works Department sections/pages of The Town of Monroe website: (http://www.monroect.org/stormwater-pollution-control-resources)

Comments relative to the Annual Report may be directed in writing to:

Scott Schatzlein, PE
Town Engineer
7 Fan Hill RoadMonroe, CT 06468
sschatzlein@monroect.org

General questions can be directed to the Inland Wetlands Department at 203-452-2809

Please click here to view The 2017 Annual MS4 Report.

HOUSEHOLD HAZARDOUS WASTE COLLECTION
MONROE, TRUMBULL, & EASTON RESIDENTS

Saturday, October 20, 2018
9:00 AM to 2:00 PM
AT
***307 INDIAN LEDGE PARK DRIVE**
(Next to BMX Facility)

WHAT TO BRING: **Up to 20 Gals. or 20 Lbs. per household. We reserve the right to refuse unidentified materials and large amounts of hazardous materials.**

- Oil Based Paints
- Stains & Varnishes
- Paint Thinners & Strippers
- Wood Preservatives
- Resins, Rosins & Adhesives
- Furniture, Floor & Metal Polishes
- Rug & Upholstery Cleaners
- Oven, Toilet Bowl & Drain Cleaners
- Swimming Pool Chemicals
- Fluorescent LightBulbs
- Pesticides, Herbicides, Insecticides (including Lawn Care Products)
- Flea Powder
- Moth Balls
- Spot Removers
- Dry Cleaning Solvents
- Lighter Fluids
- Septic Tank Degreasers
- Engine Degreasers
- Waste Fuels (Kerosene, Gasoline)
- Masonry Waterproofing
- Carburetor Cleaners, Brake Fluids
- Transmission Fluids, Car Waxes
- Full or Partially Full Aerosol Cans
- Rubber Cement, Airplane Glue
- Photo Chemicals, Chemistry Sets
- Hobby Supplies, Artist Supplies
- Plastic Roof Cement
- Joint Compound
- Thermostats, Thermometers
- Fertilizer

WHAT NOT TO BRING:

- Latex Paints (Allow to dry then put in garbage)
- Empty Aerosol Cans (go in garbage)
- Household Batteries (go in garbage)
- Ammunition, Fireworks
- Electronics, Computers, VCRs
- Propane Tanks
- Camera Batteries
- Rechargable (Ni-Cd)Batteries
- Smoke Detectors
- Auto Batteries & Tires
- Motor Oil & Antifreeze
- Pathological Material
- Explosives
- Asbestos
- Prescription Drugs
- Sharps/Needles
- Cooking Oil
- Radioactive Materials
- Unknown Gases
- Controlled Substances
- PCB Capacitors
- Pharmaceutical/ Medical Wastes
- Compressed Gas Cylinders

HOW TO SAFELY TRANSPORT THESE HAZARDOUS MATERIALS:

Leaking or broken containers must be contained.
Bring materials in original containers - securely closed.
Sort and pack separately: oil paints, pesticides, and household cleaners.
Pack containers in sturdy upright boxes and pad with newspaper if necessary.
NEVER MIX CHEMICALS TOGETHER.
Pack your car and drive directly to the collection site.
NEVER SMOKE or EAT while handling hazardous materials.
DO NOT PLACE WASTE IN A GARBAGE BAG.
DO NOT ALLOW CHILDREN TO TOUCH HAZARDOUS MATERIALS.
DO NOT LEAVE VEHICLE UNLESS INSTRUCTED TO DO SO.

For more information, please visit the Monroe Department of Public Works' website at www.monroect.org or call the office at (203) 452-2814, Mon-Thurs, 9 - 4 and Fri, 9 - 1.

MUST SHOW IDENTIFICATION.

***Indian Ledge Park** is located off of Whitney Avenue in Trumbull. If traveling south on Rte. 111, Whitney Ave. is a left turn. If traveling north on Rte. 111, it is a right turn. The park entrance is on the right and signs will be posted upon entrance to the park to identify the location of the collection.

5/30/2018 - HOUSEHOLD HAZARDOUS WASTE COLLECTION 6/9/18

HOUSEHOLD HAZARDOUS WASTE COLLECTION
MONROE, TRUMBULL, & EASTON RESIDENTS
Saturday, June 9, 2018
9:00 AM to 2:00 PM
AT
***307 INDIAN LEDGE PARK DRIVE**
(Next to BMX Facility)

WHAT TO BRING: Up to 20 Gals. or 20 Lbs. per household. We reserve the right to refuse unidentified materials and large amounts of hazardous materials.

Oil Based Paints	Pesticides, Herbicides, Insecticides	Carburetor Cleaners, Brake Fluids
Stains & Varnishes	(including Lawn Care Products)	Transmission Fluids, Car Waxes
Paint Thinners & Strippers	Flea Powder	Full or Partially Full Aerosol Cans
Wood Preservatives	Moth Balls	Rubber Cement, Airplane Glue
Resins, Rosins & Adhesives	Spot Removers	Photo Chemicals, Chemistry Sets
Furniture, Floor & Metal Polishes	Dry Cleaning Solvents	Hobby Supplies, Artist Supplies
Rug & Upholstery Cleaners	Lighter Fluids	Plastic Roof Cement
Oven, Toilet Bowl & Drain Cleaners	Septic Tank Degreasers	Joint Compound
Swimming Pool Chemicals	Engine Degreasers	Thermostats, Thermometers
Fluorescent LightBulbs	Waste Fuels (Kerosene, Gasoline)	Fertilizer
	Masonry Waterproofing	

WHAT NOT TO BRING:

	Camera Batteries	
	Rechargable (Ni-Cd)Batteries	Cooking Oil
Latex Paints (Allow to dry then put in garbage)	Smoke Detectors	Radioactive Materials
	Auto Batteries & Tires	Unknown Gases
Empty Aerosol Cans (go in garbage)	Motor Oil & Antifreeze	Controlled Substances
Household Batteries (go in garbage)	Pathological Material	PCB Capacitors
Ammunition, Fireworks	Explosives	Pharmaceutical/ Medical Wastes
Electronics, Computers, VCRs	Asbestos	Sharps/Needles
Propane Tanks	Prescription Drugs	Compressed Gas Cylinders

HOW TO SAFELY TRANSPORT THESE HAZARDOUS MATERIALS:

Leaking or broken containers must be contained.
Bring materials in original containers - securely closed.
Sort and pack separately: oil paints, pesticides, and household cleaners.
Pack containers in sturdy upright boxes and pad with newspaper if necessary.
NEVER MIX CHEMICALS TOGETHER.
Pack your car and drive directly to the collection site.
NEVER SMOKE or EAT while handling hazardous materials.
DO NOT PLACE WASTE IN A GARBAGE BAG.
DO NOT ALLOW CHILDREN TO TOUCH HAZARDOUS MATERIALS.
DO NOT LEAVE VEHICLE UNLESS INSTRUCTED TO DO SO.

For more information, please visit the Monroe Department of Public Works' website at www.monroect.org or call the office at (203) 452-2814, Mon-Thurs, 9 - 4 and Fri, 9 - 1.
MUST SHOW IDENTIFICATION.
*Indian Ledge Park is located off of Whitney Avenue in Trumbull. If traveling south on Rte. 111, Whitney Ave. is a left turn. If traveling north on Rte. 111, it is a right turn. The park entrance is on the right and signs will be posted upon entrance to the park to identify the location of the collection.

Tighe&Bond

APPENDIX C

Monroe Stormwater Project Progress

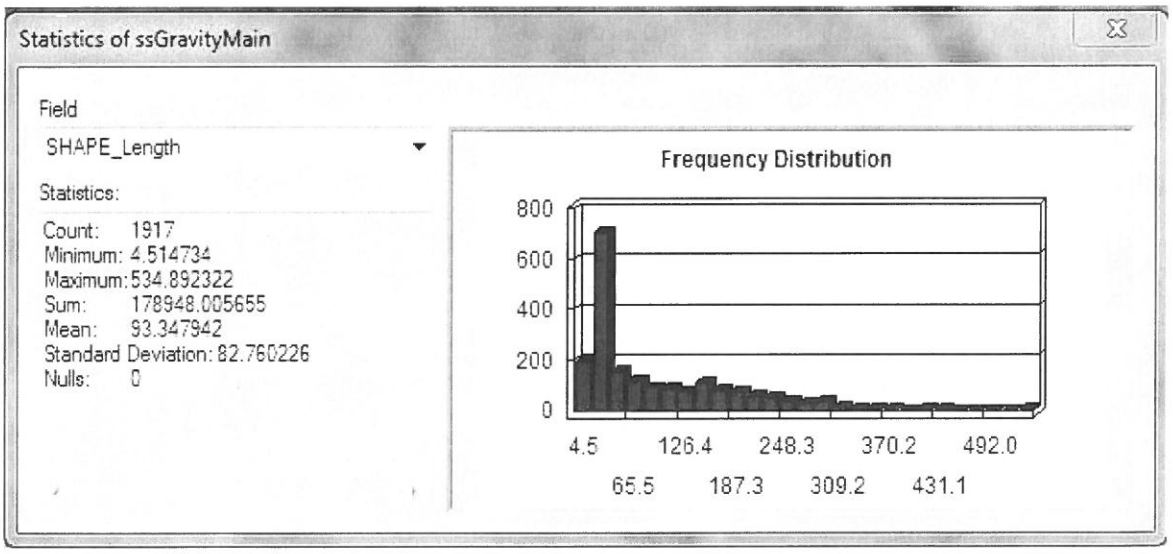
1. Total Catcbasin Captured = 1788

Table

Sum_Output

OID	INLETTYPE	Count_INLETTYPE	First_LASTEDITOR
0	Catchbasin	1520	ZGIRON
1	Double	73	ZGIRON
2	Flared End	42	
3	Headwall	93	ZGIRON
4	Open	1	
5	Other	24	
6	Unknown	35	

2. Total Number of Discharge Points Captured = 274
3. Total Number of Detention Areas Captured = 100
4. Total Number of Manholes Captured = 208
5. Total Number of Stormwater Pipes = 1917
   Total Length of Stormwater Pipes = 178948.005655 Ft. (33.89166774 Miles)



Drawer A Statistics

- 192 Total Images
- 12 copied images
- 5 Non Useable Images
- 3 Duplicates Images
- 100 % Completed

Drawer B Statistics

- 155 Total Images
- 102 Images Completed
- 1 copied Image
- 4 Duplicates
- 2 Non Useable Images
- As-builts Needing to be Re-Scanned
    - B17
    - B49
    - B61
    - B71

Tighe&Bond

APPENDIX D

SECTION 1. PURPOSE/INTENT

The purpose of this ordinance is to provide for the health, safety, and general welfare of the citizens of the Town of Monroe (Town) through the regulation of non-stormwater discharges to the storm drainage system to the maximum extent practicable as required by federal and state law. This ordinance establishes methods for controlling the introduction of pollutants into the storm drainage system of the Town which is defined as a Small Municipal Separate Storm Sewer System (MS4) in order to comply with requirements of the National Pollutant Discharge Elimination System (NPDES) permit process. The objectives of this ordinance are:

1) To regulate the contribution of pollutants to the municipal separate storm sewer system (MS4) by storm water discharges by any user.

2) To prohibit Illicit Connections and Illegal Discharges to the municipal separate storm sewer system.

3) To establish legal authority to carry out all inspection, surveillance and monitoring procedures necessary to ensure compliance with this ordinance

SECTION 2. DEFINITIONS

For the purposes of this ordinance, the following shall mean:

Authorized Enforcement Agency, Town of Monroe (Town), and/or other employees or designees of the Town First Selectman, including the Water Pollution Control Authority, designated to enforce this ordinance.

Best Management Practices (BMPs), Schedules of activities, prohibitions of practices, general good housekeeping practices, pollution prevention and educational practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants directly or indirectly to stormwater, receiving waters, or stormwater conveyance systems. BMPs also include treatment practices, operation procedures, and practices to control site runoff, spillage or leaks, sludge or water disposal, or drainage from raw materials storage.

Clean Water Act, The federal Water Pollution Control Act (33 U.S.C. § 1251 et seq.), and any subsequent amendments thereto.

Construction Activity, Activities subject to NPDES Construction Permits. These include construction projects resulting in land disturbance of 1 acre or more. Such activities include but are not limited to clearing and grubbing, grading, excavating, and demolition.

Hazardous Materials, Any material, including any substance, waste, or combination thereof, which because of its quantity, concentration, or physical, chemical, or infectious characteristics

may cause, or significantly contribute to, a substantial present or potential hazard to human health, safety, property, or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.

Illegal Discharge, Any direct or indirect non-stormwater discharge to the storm drain system, or private storm water discharge directly or indirectly onto/into a Town accepted roadway or right of way (ROW) or any municipal storm drainage system except as exempted in Section 7 of this ordinance.

Illicit Connections, An illicit connection is defined as either of the following:

Any drain or conveyance, whether on the surface or subsurface, which allows an illegal discharge to enter the storm drain system including but not limited to any conveyances which allow any non-stormwater discharge including sewage, process wastewater, and wash water to enter the storm drain system and any connections to the storm drain system from indoor drains and sinks, regardless of whether said drain or connection had been previously allowed, permitted, or approved by the Town or;

Any drain or conveyance connected from a commercial or industrial land use to the storm drain system which has not been documented in plans, maps, or equivalent records and approved by the Town or;

Any private site or building drainage pipe outlet discharging directly or indirectly into/onto a Town accepted roadway or ROW surface or;

Any non-permitted private site or building drainage pipe connection having been made to a Town storm drainage system servicing a Town accepted roadway/ROW.

Industrial Activity, Activities subject to NPDES Industrial Permits as defined in 40 CFR, Section 122.26 (b)(14).

National Pollutant Discharge Elimination System (NPDES) Stormwater Discharge Permit, Means a permit issued by EPA (or by a State under authority delegated pursuant to 33 USC § 1342(b)) that authorizes the discharge of pollutants to water of the United States, whether the permit is applicable on an individual, group, or general area-wide basis.

Non-Stormwater Discharge, Any discharge to the storm drain system that is not composed entirely of stormwater.

Person, Any individual, association, organization, partnership, firm, corporation or other entity recognized by law and acting as either the owner or as the owner's agent.

Pollutant, Anything that causes or contributes to pollution. Pollutants may include, but are not limited to: paints, varnishes, and solvents; oil and other automotive fluids; non-hazardous liquid and solid wastes and yard wastes; refuse, rubbish, garbage, litter, or other discarded or abandoned objects, ordinances, and accumulations, so that same may cause or contribute to pollution; floatables; pesticides, herbicides, and fertilizers; hazardous substances and wastes; sewage, fecal coliform and pathogens; dissolved and particulate metals; animal wastes; wastes and residues that result from constructing a building or structure; and noxious or offensive matter of any kind.

Premises, Any building, lot, parcel of land, or portion of land whether improved or unimproved including adjacent sidewalks and parking strips.

Storm Drainage System, Publicly-owned facilities by which stormwater is collected and/or conveyed, including but not limited to any roads with drainage systems, municipal streets, gutter, curbs, inlets, piped storm drains, pumping facilities, retention and detention basins, natural and human-made or altered drainage channels, reservoirs, and other drainage structures.

Stormwater, Any surface flow, runoff, and drainage consisting entirely of water from any form of natural precipitation, and resulting from such precipitation.

Stormwater Pollution Prevention Plan, A document which describes the Best Management Practices and activities to be implemented by a person or business to identify sources of pollution or contamination at a site and the actions to eliminate or reduce pollutant discharges to Stormwater, Stormwater Conveyance Systems, and/or Receiving Waters to the Maximum Extent Practicable.

Stormwater Management Plan, A document designed to reduce the discharge of pollutants from the Small MS4 (the Town) to the maximum extent practicable, to protect water quality, and to satisfy the appropriate water quality requirements of the federal Clean Water Act.

Wastewater, Any water or other liquid, other than uncontaminated stormwater, discharged from a facility.

SECTION 3. APPLICABILITY

This ordinance shall apply to all water entering the municipal storm drainage system generated on any developed and undeveloped lands unless explicitly exempted by the Town.

SECTION 4. RESPONSIBILITY FOR ADMINISTRATION

The Town shall administer, implement, and enforce the provisions of this ordinance. Any powers granted or duties imposed upon the Town may be delegated in writing by the First Selectman to persons or entities acting in the beneficial interest of or in the employ of the Town.

SECTION 5. SEVERABILITY

The provisions of this ordinance are hereby declared to be severable. If any provision, clause, sentence, or paragraph of this Ordinance or the application thereof to any person, establishment, or circumstances shall be held invalid, such invalidity shall not affect the other provisions or application of this Ordinance.

SECTION 6. ULTIMATE RESPONSIBILITY

The standards set forth herein and promulgated pursuant to this ordinance are minimum standards; therefore this ordinance does not intend nor imply that compliance by any person will ensure that there will be no contamination, pollution, nor unauthorized discharge of pollutants.

SECTION 7. DISCHARGE PROHIBITIONS

Prohibition of Illegal Discharges

No person shall discharge or cause to be discharged into the municipal storm drainage system, wetlands, or watercourses any materials, including but not limited to pollutants or waters containing any pollutants that cause or contribute to a violation of applicable water quality standards, other than stormwater.

The commencement, conduct or continuance of any illegal discharge to the storm drainage system is prohibited except as described as follows:

1. The following discharges are exempt from discharge prohibitions established by this ordinance providing they contain no pollutants: water line flushing, landscape irrigation or lawn watering, diverted stream flows, rising ground water, ground water infiltration to storm drains, uncontaminated pumped ground water, foundation or footing drains (not including active groundwater dewatering systems), crawl space pumps, air conditioning condensation, springs, non-commercial washing of vehicles, natural riparian habitat or wetland flows, swimming pools (if de-chlorinated / typically less than one part per million chlorine) firefighting (non-training) activities, and any other water source not containing Pollutants. Allowance of these discharges under this ordinance

does not relieve the person initiating such discharge/s from obtaining other environmental permits that may be required under Federal, State, or Local law.

2. Discharges specified in writing by the Town as being necessary to protect public health and safety.

3. Dye testing is an allowable discharge, but requires a verbal notification to the Town prior to the time of the test.

4. The prohibition shall not apply to any non- stormwater discharge permitted under an NPDES permit, waiver, or waste discharge order issued to the discharger and administered under the authority of the Federal Environmental Protection Agency or the Connecticut Department of Energy and_Environmental Protection (DEEP), provided that the discharger is in full compliance with all requirements of the permit, waiver, or order and other applicable laws and regulations, and provided that written approval has been granted for any discharge to the storm drain system.

Prohibition of Illicit Connections

1. The construction, use maintenance or continued existence of illicit connections to the storm drain system is prohibited.

2. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection.

3. A person is considered to be in violation of this ordinance if the person connects a line conveying sewage to the MS4, or allows such a connection to continue.

SECTION 8. SUSPENSION OF MS4 ACCESS

Suspension due to Illicit Discharges in Emergency Situations

The Town may, without prior notice, suspend MS4 discharge access to a person when such suspension is necessary to stop an actual or threatened discharge which presents or may present imminent and substantial danger to the environment, or to the health or welfare of persons, or to the MS4 or Waters of the United States. If the violator fails to comply with a suspension order issued in an emergency, the Town may take such steps as deemed necessary to prevent or minimize damage to the MS4 or Water of United States, or to minimize danger to persons.

Suspension due to the Detection of Illicit Discharge

Any person discharging to the MS4 in violation of this ordinance may have their MS4 access terminated if such termination would abate or reduce an illicit discharge. The Town will notify a violator of the proposed termination of its MS4 access. The violator may petition the Town for a reconsideration and hearing within fifteen (15) days of the receipt of said notice of termination.

A person commits an offense if the person reinstates MS4 access to any premises terminated pursuant to this Section, without the prior approval of the Town.

SECTION 9. INDUSTRIAL, COMMERCIAL OR CONSTRUCTION ACTIVITY DISCHARGES

Any person subject to an industrial, commercial or construction activity NPDES stormwater discharge permit shall comply with all provisions of such permit. Proof of compliance with said permit may be required in a form acceptable to the Town prior to the allowing of discharges to the MS4.

SECTION 10. MONITORING OF DISCHARGES

1. Applicability

   This section applies to all facilities that have stormwater discharges associated with industrial, commercial or construction activity.

2. Access to Facilities

   (1) The Town shall be permitted to enter and inspect facilities subject to regulation under this ordinance as often as may be necessary to determine compliance with this ordinance. If a discharger has security measures in force that require proper identification and clearance before entry into its premises, the discharger shall make the necessary arrangements to allow access to representatives of the Town.

   (2) Facility operators shall allow the Town ready access to all parts of the premises for the purposes of inspection, sampling, examination and copying of records that must be kept under the conditions of an NPDES permit to discharge stormwater, and the performance of any additional duties as defined by state and federal law.

(3) The Town shall have the right to set up on any permitted facility such devices as are necessary in the opinion of the Town to conduct monitoring and/or sampling of the facility's stormwater discharge.

(4) The Town has the right to require the discharger to install monitoring equipment as necessary. The facility's sampling and monitoring equipment shall be maintained at all times in a safe and proper operating condition by the discharger at its own expense. All devices used to measure stormwater flow and quality shall be calibrated to ensure their accuracy.

(5) Any temporary or permanent obstruction to safe and easy access to the facility to be inspected and/or sampled shall be promptly removed by the operator at the written or oral request of the Town and shall not be replaced. The costs of clearing such access shall be borne by the operator.

(6) Unreasonable delays in allowing the Town access to a permitted facility is a violation of a stormwater discharge permit and of this ordinance. A person who is the operator of a facility with a NPDES permit to discharge stormwater associated with industrial, commercial or construction activity commits an offense if the person denies the Town reasonable access to the permitted facility for the purpose of conducting any activity authorized or required by this ordinance.

(7) If the Town has been refused access to any part of the premises from which stormwater is discharged, and he/she is able to demonstrate probable cause to believe that there may be a violation of this ordinance, or that there is a need to inspect and/or sample as part of a routine inspection and sampling program designed to verify compliance with this ordinance or any order issued hereunder, or to protect the overall public health, safety, and welfare of the community, then the Town may seek issuance of a search warrant from any court of competent jurisdiction.

SECTION 11. REQUIREMENT TO PREVENT, CONTROL, AND REDUCE STORMWATER POLLUTANTS BY THE USE OF BEST MANAGEMENT PRACTICES

The Town may adopt requirements identifying Best Management Practices (BMPs) for any activity, operation, or facility that may cause or contribute to pollution or contamination of stormwater, the storm drainage system, or waters of the state. The owner or operator of a commercial or industrial establishment shall provide, at their own expense, reasonable protection from accidental discharge of prohibited materials or other wastes into the municipal storm drainage system, wetlands or watercourses through the use of these structural and non-structural BMPs. Further, any person responsible for a property or premise, which is, or may

be, the source of an illicit discharge, may be required to implement, at said person's expense, additional structural and non-structural BMPs to prevent the further discharge of pollutants to the municipal separate storm sewer system. Compliance with all terms and conditions of a valid NPDES permit authorizing the discharge of stormwater associated with industrial or commercial activity, to the extent practicable, shall be considered to comply with the provisions of this section. These BMPs shall be part of a stormwater pollution prevention plan (SWPPP) or stormwater management plan (SMP) as necessary for compliance with requirements of the National Pollutant Discharge Elimination System NPDES permit.

SECTION 12. WATERCOURSE PROTECTION

Every person owning property through which a watercourse passes, in whole or in part, or such person's lessee, shall keep and maintain that part of the watercourse within the property free of trash, debris, excessive vegetation, and other obstacles that would pollute, contaminate, or significantly retard the flow of water through the watercourse. In addition, the owner or lessee shall maintain existing privately owned structures within or adjacent to a watercourse, so that such structures will not become a hazard to the use, function, or physical integrity of the watercourse.

SECTION 13. NOTIFICATION OF SPILLS

Notwithstanding other requirements of law, as soon as any person responsible for a facility or operation, or responsible for emergency response for a facility or operation has information of any known or suspected release of materials which are resulting or may result in illegal discharges or pollutants discharging into stormwater, the storm drainage system, or waters of the United States, said person shall take all necessary steps to ensure the discovery, containment, and cleanup of such release. In the event of such a release of hazardous materials said person shall immediately notify emergency response agencies of the occurrence via emergency dispatch services. In the event of a release of non-hazardous materials, said person shall notify the Town in person or by phone or facsimile no later than the next business day. Notifications in person or by phone shall be confirmed by written notice addressed and mailed to the Town of Monroe, 7 Fan Hill Road Monroe, CT 06468 within three (3) business days of the phone notice. If the discharge of prohibited materials emanates from a commercial or industrial establishment, the owner or operator of such establishment shall also retain an on-site written record of the discharge and the actions taken to prevent its recurrence. Such records shall be retained for at least three years.

SECTION 14. ENFORCEMENT

1. Notice of Violation

Whenever the Town finds that a person has violated a prohibition or failed to meet a requirement of this Ordinance, the Town may order compliance by written notice of violation to the responsible person. Such notice may require without limitation:

a) The performance of monitoring, analyses, and reporting;

b) The elimination of illicit connections or discharges;

c) That violating discharges, practices, or operations shall cease and desist;

d) The abatement or remediation of stormwater pollution or contamination hazards and the restoration of an affected property; and

e) Payment of a fine to cover administrative and remediation costs; and

f) The implementation of source control or treatment BMPs.

If abatement of a violation and/or restoration of affected property are required, the notice shall set forth a deadline within which such remediation or restoration must be completed. Said notice shall further advise that, should the violator fail to remediate or restore with the established deadline, the work may be done by the Town or a contractor, and the expense thereof shall be charged to the violator.

SECTION 15. APPEAL OF NOTICE OF VIOLATION

a) Any person receiving a Notice of Violation may appeal the determination of the Town.

b) A written notice of appeal must be received within fifteen (15) days from the date of the Notice of Violation. Such notice shall inform the person cited: (1) Of the allegations against him or her and the amount of the fines, penalties, costs or fees due; (2) that he or she may contest his or her liability before a citation hearing officer by delivering in person or by mail written notice within fifteen days of the date thereof; (3) that if he or she does not demand such a hearing, an assessment and judgment shall be entered against him or her; and (4) that such judgment may issue without further notice.

   For purposes of this section, notice shall be presumed to have been properly sent if such notice was mailed to such person's last-known address on file with the tax collector. If the person to whom such notice is issued is a registrant, the municipality may deliver

such notice in accordance with section 7-148ii, provided nothing in this section shall preclude a municipality from providing notice in another manner permitted by applicable law.

c) Filing of a request for appeal shall stay the action by the Town. If a request for appeal is not made within the fifteen-calendar day period, the action of the Town is final.

d) If the person who is sent notice pursuant to subsection (b) of this section wishes to admit liability for any alleged violation, he or she may, without requesting a hearing, pay the full amount of the fines, penalties, costs or fees admitted to in person or by mail to an official designated by the First Selectman. Such payment shall be inadmissible in any proceeding, civil or criminal, to establish the conduct of such person or other person making the payment. Any person who does not deliver or mail written demand for a hearing within fifteen (15) days of the date of the first notice provided for in subsection (b) of this section shall be deemed to have admitted liability, and the designated municipal official shall certify such person's failure to respond to the hearing officer. The hearing officer shall thereupon enter and assess the fines, penalties, costs or fees provided for by the applicable ordinances and shall follow the procedures set forth in subsection (f) of this section.

e) Any person who requests a hearing shall be given written notice of the date, time and place for the hearing. A Hearing on the appeal before a hearing officer, appointed by the First Selectman shall take place within thirty (30) days from the date of receipt of the notice of appeal, provided that the hearing officer shall grant upon good cause shown any reasonable request by any interested party for postponement or continuance.

If such person fails to appear, the hearing officer may enter an assessment by default against him upon a finding of proper notice and liability under the applicable statutes or ordinances. The person requesting the hearing may testify concerning the facts, circumstances and nature of his/her appeal and may present supporting documentation. The hearing officer may accept from such person copies of police reports, investigatory and citation reports, and other official documents by mail and may determine thereby that the appearance of such person is unnecessary. The hearing officer shall conduct the hearing in the order and form and with such methods of proof as he deems fair and appropriate, but shall be informal in nature. The rules regarding the admissibility of evidence shall not be strictly applied, but all testimony shall be given under oath or affirmation.

The hearing officer shall announce his or her decision at the end of the hearing. If he or she determines that the person is not liable, he or she shall dismiss the matter and enter his or her determination in writing accordingly. If he or she determines that the person is liable for the violation, he or she shall forthwith enter and assess the fines, penalties, costs or fees against such person as provided by the applicable ordinances of the municipality.

f) The decision of the hearing officer shall be final.

g) If such assessment is not paid on the date of its entry, the hearing officer shall send by first class mail a notice of the assessment to the person found liable and shall file, not less than thirty days or more than twelve months after such mailing, a certified copy of the notice of assessment with the clerk of a superior court together with the entry fee.

h) A person against whom an assessment has been entered pursuant to this section is entitled to judicial review by way of appeal in accordance with Conn. Gen. Stat. § 7-152c (g). An appeal shall be instituted within thirty (30) days of the mailing of notice of such assessment by filing a petition to reopen assessment, together with the court entry fee.

SECTION 16. ENFORCEMENT MEASURES AFTER APPEAL

If the violation has not been corrected pursuant to the requirements set forth in the Notice of Violation, or, in the event of an appeal, within fifteen (15) days of the decision of the municipal authority upholding the decision of the Town, then representatives of the Town may enter upon the subject private property and are authorized, if needed to take any and all measures necessary to abate the violation and/or stabilize the property. It shall be unlawful for any person, owner, agent or person in possession of any premises to refuse to allow the Town or designated contractor to enter upon the premises for the purposes set forth above.

SECTION 17. COST OF ABATEMENT OF THE VIOLATION

Within a minimum of thirty (30) days after abatement of the violation, the owner of the property will be notified of the cost of abatement, including administrative costs. The property owner may file a written protest objecting to the amount of the assessment within fifteen (15) days. If the amount due is not paid within a timely manner as determined by the decision of the municipal authority or by the expiration of the time in which to file an appeal, the charges shall become a special assessment against the property and shall constitute a lien on the property for the amount of the assessment.

Any person violating any of the provisions of this article shall become a liable to the Town by reason of such violation. The liability shall be paid in not more than twelve (12) equal

payments. Interest at the rate of ten (10%) percent per annum shall be assessed on the balance beginning on the first day following discovery of the violation.

SECTION 18. INJUNCTIVE RELIEF

It shall be unlawful for any person to violate any provision or fail to comply with any of the requirements of this Ordinance. If a person has violated or continues to violate the provisions of this ordinance, the Town may petition for a preliminary or permanent injunction restraining the person from activities which would create further violations or compelling the person to perform abatement or remediation of the violation.

SECTION 19. COMPENSATORY ACTION

In lieu of enforcement proceedings, penalties, and remedies authorized by this Ordinance, the Town may impose upon violator alternative compensatory actions, such as storm drain stenciling, attendance at compliance workshops, cleanup, etc.

SECTION 20. VIOLATIONS DEEMED A PUBLIC NUISANCE

In addition to the enforcement processes and penalties provided, any condition caused or permitted to exist in violation of any of the provisions of this Ordinance is a threat to public health, safety, and welfare, and is declared and deemed a nuisance, and may be summarily abated or restored at the violator's expense, and/or a civil action to abate, enjoin, or otherwise compel the cessation of such nuisance may be taken.

SECTION 21. CRIMINAL PROSECUTION

Any person that has a violated or continues to violate this ordinance shall be liable to criminal prosecution to the fullest extent of the law, and shall be subject to a criminal penalty of one hundred and fifty ($150.00) dollars per violation per day and/or imprisonment.

The Town may recover all attorneys' fees court costs and other expenses associated with enforcement of this ordinance, including sampling and monitoring expenses.

SECTION 22. REMEDIES NOT EXCLUSIVE

The remedies listed in this ordinance are not exclusive of any other remedies available under any applicable federal, state or local law and it is within the discretion of the Town to seek cumulative remedies.

SECTION 23. ADOPTION OF ORDINANCE

This ordinance shall be in full force and effect fifteen (15) days after its final passage and adoption. All prior ordinances and parts of ordinances in conflict with this ordinance are hereby repealed.

Adopted by Town Council on September 12, 2018

Kenneth M. Kellogg, First Selectman
Endorsed for approval on September 14, 2018

Ordinance effective date: October 20, 2018

Tighe&Bond

APPENDIX E

Conrad Brejwo

From: Conrad Brejwo
Sent: Thursday, July 12, 2018 4:58 PM
To: Matthew Gilchrist (EGHome); Christopher Oliveira (EGHome); Melvin McBreairty (M&O)
Cc: Scott Schatzlein; Joseph Chapman
Subject: 5 Birdseye Road (Lot #11) - EG Homes - Erosion Controls / Conservation Easement
Attachments: 20180711_152524.jpg; 20180711_152224.jpg; 20180711_152244.jpg; 20180711_152307.jpg; 20180711_152447.jpg; 20180711_152453.jpg; 20180711_152507.jpg; Image_20180712_0007.jpg; Image_20180712_0009.jpg; Image_20180712_0008.jpg

All,

Establish the erosion controls (construction entrance & silt fencing) per the approved plan by Tuesday 7/17/2018. The erosion controls were have been installed PRIOR to the start of construction. Sweep the tracking from the roadway ASAP.

Also, it is advised to have the limit of conservation easement/proposed stonewall to be clearly marked as well as to not encroach past this limit. Disturbances past this limit will result in a violation and restoration efforts.

Attached are inspection photos from 7/11/2018 as well as scans of the approved plan set.

GENERAL NOTES

1. Deviation from this plan shall be reviewed by a professional enginee to additional regulatory approvals.

2. Land disturbance will be kept to a minimum. Re–stabilization will t as practicable.

3. All erosion and sediment control measures will be constructed in ac standards and specifications of the 2002 Connecticut Guidelines for Sediment Control.

4. Erosion and sediment control measures will be installed prior to cor possible and will be maintained in effective condition throughout the Additional measures will be installed during the construction period i

5. The owner is assigned the responsibility for implementing this erosic control plan. This responsibility includes the installation and mainte measures, informing all parties engaged on the construction site th objectives of the plan, notifying the Land Use Agency of any transf and for conveying a copy of the erosion & sediment control plan i transferred.

Conrad Brejwo
Engineering Technician
Town of Monroe
7 Fan Hill Road

Conrad Brejwo

From: Conrad Brejwo
Sent: Monday, January 22, 2018 3:50 PM
To: Christopher Oliveira (EGHome); Matthew Gilchrist (EGHome); Melvin McBreairty (M&O); Greg Losee (M&O)
Cc: Scott Schatzlein; Joseph Chapman; Nick Clark (SB Group); Charles S Spath Jr. (Stuart Somers)
Subject: 8 Birdseye Road - EG Homes - Erosion Control & Foundation As-Built
Attachments: DSCN2390.JPG; DSCN2391.JPG

Chris,

Please provide silt fencing on the down gradient limit of disturbance. Also add the erosion controls around the depressed catch basin as stated in an earlier email. A re-inspection of the erosion controls will be made by this Friday 1/26 if they haven't been installed sooner.

As discussed previously, provide the foundation as-built plan which should have been submitted prior to the start of framing.

Conrad Brejwo
Engineering Technician
Town of Monroe
(203) 452-8636
cbrejwo@monroect.org

From: coliveira@eghome.net [mailto:coliveira@eghome.net]
Sent: Wednesday, January 10, 2018 5:56 PM
To: Conrad Brejwo
Subject: RE: 8 Birdseye Road

Not a problem.

Christopher Oliveira
Land Development Manager
EG Home LLC
100 Fieldstone Lane
Beacon Falls, CT 06403
203-714-6622

From: Conrad Brejwo [mailto:cbrejwo@monroect.org]
Sent: Wednesday, January 10, 2018 3:30 PM
To: coliveira@eghome.net
Subject: 8 Birdseye Road

The question arose for the foundation as-built for 8 Birdseye as well. You have to get us that one too.

Conrad Brejwo
Engineering Technician
Town of Monroe
(203) 452-8636
cbrejwo@monroect.org

Conrad Brejwo

From: Conrad Brejwo
Sent: Monday, September 17, 2018 11:46 AM
To: Matthew Gilchrist (EGHome); Christopher Oliveira (EGHome); Ericka Defelice
Cc: Scott Schatzlein; Joseph Chapman; Donna Suszynski; Laura Barkowski
Subject: 12 Birdseye Road - EG Home - C.O. Bond Needed
Attachments: DSC00040.JPG; DSC00041.JPG; DSC00042.jpg; DSC00043.jpg; DSC00058.jpg; DSC00059.jpg; DSC00067.jpg; DSC00068.jpg; DSC00040.jpg; DSC00041.jpg

Matt & Chris,
Please submit the $2,000 C.O. Bond for site stabilization. Please provide better stabilization measures (i.e. silt fence back by hay bales) around the yard drain as this area is consistently being silted over. Also clean out the yard drain to prevent sediment from entering the roadway storm drainage system. See the attached pictures from 9/7/2018.

Conrad Brejwo
Engineering Technician
Town of Monroe
7 Fan Hill Road
Monroe, CT 06468
(203) 452-8636
cbrejwo@monroect.org

Conrad Brejwo

From: Conrad Brejwo
Sent: Thursday, July 12, 2018 4:58 PM
To: Matthew Gilchrist (EGHome); Christopher Oliveira (EGHome); Melvin McBreairty (M&O)
Cc: Scott Schatzlein; Joseph Chapman
Subject: 29 Birdseye Road (Lot #14) - EG Homes - Erosion Controls
Attachments: 20180711_151926.jpg; 20180711_151950.jpg; 20180711_152030.jpg; Image_20180712_0010.jpg; Image_20180712_0011.jpg

All,

Establish the erosion controls (construction entrance & silt fencing) per the approved plan by Tuesday 7/17/2018. The erosion controls were have been installed PRIOR to the start of construction. Sweep the tracking from the roadway ASAP.

Attached are inspection photos from 7/11/2018 as well as scans of the approved plan set.

GENERAL NOTES

1. Deviation from this plan shall be reviewed by a professional engineer and may be to additional regulatory approvals.

2. Land disturbance will be kept to a minimum. Re–stabilization will be scheduled as as practicable.

3. All erosion and sediment control measures will be constructed in accordance with t standards and specifications of the 2002 Connecticut Guidelines for Soil Erosion an Sediment Control.

4. Erosion and sediment control measures will be installed prior to construction whene possible and will be maintained in effective condition throughout the construction p Additional measures will be installed during the construction period if necessary or

5. The owner is assigned the responsibility for implementing this erosion control and s control plan. This responsibility includes the installation and maintenance of contro measures, informing all parties engaged on the construction site the requirements objectives of the plan, notifying the Land Use Agency of any transfer of this respo and for conveying a copy of the erosion & sediment control plan if the title to th transferred.

6. Grading is to be according to all applicable regulations and normal standards of g practice.

Conrad Brejwo
Engineering Technician
Town of Monroe
7 Fan Hill Road
Monroe, CT 06468
(203) 452-8636
cbrejwo@monroect.org

Conrad Brejwo

From: Conrad Brejwo
Sent: Monday, January 22, 2018 3:32 PM
To: Christopher Oliveira (EGHome); Matthew Gilchrist (EGHome); Melvin McBreairty (M&O); Greg Losee (M&O)
Cc: Jim Sandor; Gunnar Gaylord; Kimberly O'Grady; Scott Schatzlein; Joseph Chapman
Subject: 38 Birdseye Road - EG Homes - CO Oustanding items
Attachments: DSCN2396.jpg; DSCN2397.jpg; DSCN2398.jpg; DSCN2399.jpg; DSCN2400.jpg; DSCN2401.jpg; DSCN2402.jpg; DSCN2403.jpg; DSCN2404.jpg; DSCN2405.jpg; DSCN2406.jpg; DSCN2407.jpg; DSCN2408.jpg; DSCN2409.jpg; DSCN2410.jpg

Chris,

As discussed today on-site, provide the engineers certification for the recharge system and provide silt fencing. A re-inspection will be conducted once the silt fence has been installed prior to signoff.

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From: coliveira@eghome.net [mailto:coliveira@eghome.net]
Sent: Wednesday, January 17, 2018 2:15 PM
To: Conrad Brejwo
Cc: Richard Jackson; Jim Sandor; Gunnar Gaylord; Kimberly O'Grady; Scott Schatzlein; Joseph Chapman
Subject: RE: CO 38 Birdseye Road

Yes. I will be dropping off the info tomorrow afternoon. 38 Birdseye is the most important of them all right now.

Christopher Oliveira
Land Development Manager
EG Home LLC
100 Fieldstone Lane
Beacon Falls, CT 06403
203-714-6622

From: Conrad Brejwo [mailto:cbrejwo@monroect.org]
Sent: Wednesday, January 17, 2018 2:11 PM
To: coliveira@eghome.net
Cc: Richard Jackson; Jim Sandor; Gunnar Gaylord; Kimberly O'Grady; Scott Schatzlein; Joseph Chapman
Subject: RE: CO 38 Birdseye Road

Chris,
Are there any updates to this property (38 Birdseye Road), as well at 8 Birdseye Road & 83 Trailside Drive (model home)?

Conrad Brejwo
Engineering Technician
Town of Monroe
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cbrejwo@monroect.org

Conrad Brejwo

From: Conrad Brejwo
Sent: Tuesday, October 02, 2018 10:42 AM
To: Scott Schatzlein
Subject: 4 High Ridge Drive - Wysocki - C.O. Inspection
Attachments: DSC00673.jpg; DSC00674.jpg; DSC00675.jpg; DSC00676.jpg; DSC00677.jpg; DSC00678.jpg; DSC00679.jpg; DSC00680.jpg; DSC00681.jpg; DSC00682.jpg; DSC00683.jpg; DSC00684.jpg; DSC00685.jpg; DSC00686.jpg; DSC00687.jpg; DSC00688.jpg; DSC00689.jpg; DSC00690.jpg; DSC00691.jpg; DSC00692.jpg; DSC00693.jpg; DSC00694.jpg; DSC00695.jpg; DSC00696.jpg; DSC00697.jpg; DSC00698.jpg; DSC00699.jpg; DSC00700.jpg; DSC00701.jpg; DSC00702.jpg; DSC00703.jpg; DSC00704.jpg; DSC00705.jpg; DSC00706.jpg; DSC00707.jpg; DSC00708.jpg; DSC00709.jpg; DSC00710.jpg; DSC00711.jpg; DSC00712.jpg; DSC00713.jpg; DSC00714.jpg; DSC00715.jpg; DSC00716.jpg; DSC00666.jpg; DSC00667.jpg; DSC00668.jpg; DSC00669.jpg; DSC00670.jpg; DSC00671.jpg; DSC00672.jpg

Scott,
I want to review this with you before pushing out the email...

Lester,
After an inspection of the site with the submitted as-built plan, the following is the list of items in need of correction, cause for concern, or needs more clarification:

- Wall height is over 5' tall???
- Replace the bit. conc. curbing along the cul-de-sac.
- The driveway visually appears to be of uniform slope but the as-built shows it having variable grade and greater than 10% slope in one area which is too steep.
- Stabilize the slope on the Southern side of the driveway to prevent continued erosion.
- Provide splash pads at both drainage outlets (Recharge system outlet in the rain garden which I couldn't find and foundation drain outlet in the woods).
- Remove all debris from the wooded area such as old TV, concrete, slate, wire mesh, etc.
- Install the IW Marker Posts per the detail with the rebar to ensure the posts are not easily removable.
- Revise as-built to reflect: wall elevations, underground propane tank location, label foundation drain outlet, roof drain wraps around the back of the garage and twin pipes enter the distribution box.
- In addition to the six (6) black & white traditional as-built plans, the IWC approval requires an overlay of the approval drawing for comparison purposes.

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Conrad Brejwo

From: Conrad Brejwo
Sent: Friday, February 23, 2018 1:57 PM
To: 'Jonathan Patrick'; Joseph Chapman
Cc: Jay Keillor; John Kimball; Christian Barnaby (Julian Enterprises); acjulian@julianenterprises.com; Casey Burch; Kevin Solli; Laura Barkowski; Donna Suszynski; William Agresta; Scott Schatzlein; Doug Reich; Alex Klose
Subject: 127 Main Street - Pond View, LLC - Erosion Control Inspection
Attachments: DSCN3153.jpg; DSCN3154.jpg; DSCN3155.jpg; DSCN3156.jpg; DSCN3157.jpg; DSCN3158.jpg; DSCN3159.jpg; DSCN3160.jpg; DSCN3161.jpg; DSCN3162.jpg; DSCN3163.jpg; DSCN3164.jpg; DSCN3165.jpg; DSCN3166.jpg; DSCN3167.jpg; DSCN3168.jpg; DSCN3169.jpg; DSCN3170.jpg; DSCN3171.jpg; DSCN3172.jpg; DSCN3173.jpg; DSCN3174.jpg; DSCN3175.jpg; DSCN3176.jpg; DSCN3177.jpg; DSCN3178.jpg; DSCN3179.jpg; DSCN3180.jpg; DSCN3181.jpg; DSCN3182.jpg; DSCN3183.jpg; DSCN3184.jpg; DSCN3185.jpg; DSCN3186.jpg; DSCN3187.jpg; DSCN3188.jpg; DSCN3189.jpg; DSCN3190.jpg; DSCN3191.jpg; DSCN3192.jpg; DSCN3193.jpg; DSCN3194.jpg; DSCN3195.jpg; DSCN3196.jpg; DSCN3145.jpg; DSCN3146.jpg; DSCN3147.jpg; DSCN3148.jpg; DSCN3149.jpg; DSCN3150.jpg; DSCN3151.jpg; DSCN3152.jpg

Jay, John, Christian,

An inspection performed today (see attached photos) verified that the silt sacks in the access way have been restored and/or cleaned, and the silt fence/hay bale limits have been restored. The limits of the single row of silt fencing has been started but not trenched and backfilled as of yet. The site crew expressed that this stretch will be properly installed soon. A follow up inspection at the end of next week will be conducted for this remaining part.

Your efforts to comply with the approval and protect the wetland areas is much appreciated.

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From: Jonathan Patrick [mailto:jrpatrick@julianenterprises.com]
Sent: Thursday, February 15, 2018 9:52 AM

Conrad Brejwo

From: Conrad Brejwo
Sent: Wednesday, July 25, 2018 10:16 AM
To: 'Fernando Videira'; John Guedes (Primrose)
Cc: Scott Schatzlein; Joseph Chapman
Subject: 464 Main Street - Cross Road Center (Retail Bldg) - Erosion Control

Fernando,

Please go through your site and make sure all the erosion control measures are in place and functioning as designed.

Also, please address the sediment that is making its way out the front driveway entrance, down the new sidewalk, and onto the adjacent property at 456 Main Street (Hill 'N Dale).

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Conrad Brejwo

From: Conrad Brejwo
Sent: Thursday, November 15, 2018 4:27 PM
To: Christopher Oliveira (EGHome); Matthew Gilchrist (EGHome); Melvin McBreairty (M&O); Greg Losee (M&O)
Cc: Scott Schatzlein; William Agresta; Joseph Chapman; Richard Schultz
Subject: RE: 1312 Monroe Turnpike - Birdseye Estates - Erosion Control
Attachments: DSC00900.jpg; DSC00901.jpg; DSC00902.jpg; DSC00903.jpg; DSC00904.jpg; DSC00905.jpg; DSC00899.jpg

Gentlemen,

A quick re-inspection (see attached photos) reveals that the tracking is still occurring, but I have been told that the construction entrances have been re-done, the loader scraps the street at the each day, and a sweeper comes every Friday. Perhaps better communication with your contractors that are using the skid steers and lulls that are doing the bulk of the tracking need to be educated. This education would lessen the emails being generated and reduce your clean-up costs (win/win).

Also, it appears the curtain drain along the North cul-de-sac of Birdseye Road is not working 100%. Please make every effort possible to remediate this as colder temperatures are here and this will turn into an icing condition. This condition will ultimately need to be resolved prior to the final pavement being laid down come Spring/Summer.

Conrad Brejwo
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From: Conrad Brejwo
Sent: Friday, November 09, 2018 1:37 PM
To: Christopher Oliveira (EGHome); Matthew Gilchrist (EGHome); Melvin McBreairty (M&O); Greg Losee (M&O)
Cc: Scott Schatzlein; William Agresta; Joseph Chapman; Richard Schultz
Subject: 1312 Monroe Turnpike - Birdseye Estates - Erosion Control

Gentlemen,
We've gone over this time and time again! There must be properly maintained construction entrances to all active building sites as well as inlet protection at all catch basins and silt fencing at limits of disturbance. Every time we come up for inspections there is always heavy mud tracking in the roadways, destroyed silt fencing, sediment build up by the catch basins, etc. With the expected heavy rains tonight, please sweep the roadway at the end of the day. And implement or reconstruct construction entrances at all curb cuts in the days that follow.

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Conrad Brejwo

From: Conrad Brejwo
Sent: Friday, September 14, 2018 10:27 AM
To: 'Spina, Harold'
Cc: Scott Schatzlein
Subject: FW: CTDOT Sediment issues
Attachments: IMG_5933.JPG; ATT00001.txt; image1.jpeg; ATT00002.txt

Harold,
The person that emailed below (& see attachments) came in yesterday afternoon to have questions answered about the sediment laden storm water coming off Fireman's Field. His concerns of lack of erosion controls (silt fencing and/or hay bales) in the area of the stockpiles is the creating this condition along Moose Hill Road.

Can you please address this until all disturbed areas are stabilized? Thanks!

Conrad Brejwo
Engineering Technician
Town of Monroe
(203) 452-8636
cbrejwo@monroect.org

-----Original Message-----
From: Lemoine, Michael [mailto:mlemoine@mnr.org]
Sent: Friday, September 14, 2018 9:36 AM
To: Conrad Brejwo
Subject: CTDOT Sediment issues

Conrad,
Please find the attached photos related to the lack of sediment controls by CTDOTs contractor. In the contract what are the BMPs related to soil erosion and sediment controls. We as the Town of Monroe need to make certain that the mess created by the contractor is remediated prior to completion of this project. All streams, tributaries and basins in the area of this project should be evaluated by CTDOTs Consultants and a final inspection report should be given to the town for filling. Catch basins should be vacuumed out and all below grade piping for all stormwater systems should be inspected by a pipe camera to assure no sediment remains in systems. Possible pipe jetting my be warranted after what I witnessed.

Conrad Brejwo

From: Conrad Brejwo
Sent: Thursday, September 20, 2018 11:36 AM
To: 'Gila McCormick'
Cc: Scott Schatzlein
Subject: 92 Pepper Street - Erosion control issues
Attachments: DSC00390.JPG; DSC00388.JPG

Bruce,
Please address the temporary sediment basin that has silted in and re-grade the area to make sure all of the sheet flow gets to the re-formed sediment basin. Also re-establish all of the silt fencing that has deteriorated, gone missing, or not working as designed. I will re-inspect in one weeks time (9/27).

Conrad Brejwo

From: Conrad Brejwo
Sent: Thursday, August 02, 2018 12:19 PM
To: Duane Carrubba; kevin@sollillc.com; rich@sollillc.com; marc@borghesibuilding.com; rob@borghesibuilding.com; Douglas Reich (Solli); Casey J. Burch (Solli); Ryan Guillet (Forest Const. Co.)
Cc: Joe Welsh; Scott Schatzlein
Subject: RE: 500 Pepper Street
Attachments: 500 Pepper Street (1).jpg; 500 Pepper Street (2).jpg; 500 Pepper Street (3).jpg; 500 Pepper Street (4).jpg; 500 Pepper Street (5).jpg; 500 Pepper Street (6).jpg; 500 Pepper Street (7).jpg

All,
See the below email and attached photos from Joe @ Aquarion (Manager – Environmental Protection). With the brief but heavy rain storms we have been getting lately, it is imperative that the top soiled bank be stabilized. As you'll see in the photos, the silt fence alone does not filter the stormwater enough. Please make your best effort to repair all eroded areas and stabilize all disturbed areas ASAP.

With the threat of yet another heavy thunderstorm this afternoon, it would be beneficial to enhance the erosion controls in some capacity.

Conrad Brejwo
Engineering Technician
Town of Monroe
(203) 452-8636
cbrejwo@monroect.org

From: Scott Schatzlein
Sent: Thursday, August 02, 2018 11:52 AM
To: Joe Welsh
Cc: Conrad Brejwo
Subject: RE: 500 Pepper Street

Joe,

Yes, I'll ask Conrad to contact them right away.

Thanks for the info.

From: Joe Welsh [mailto:JWelsh@aquarionwater.com]
Sent: Thursday, August 02, 2018 9:23 AM
To: Scott Schatzlein
Subject: 500 Pepper Street

Hi Scott,

Would you be able to have the developer do a better job stabilizing the site at 500 Pepper Street. Yesterday I observed significant runoff from the site due to a silt fence failure. Attached are pictures of the site and release into the wetland which made its way into the West Pequonnock.
They should seed and hay the site as soon as possible and some added hay bales might help too along the silt fence that failed.

Thanks,

Conrad Brejwo

From: Conrad Brejwo
Sent: Thursday, July 12, 2018 4:58 PM
To: Matthew Gilchrist (EGHome); Christopher Oliveira (EGHome); Melvin McBreairty (M&O)
Cc: Scott Schatzlein; Joseph Chapman
Subject: 92 Trailside Drive (Lot #20) - EG Homes - Erosion Controls
Attachments: 20180711_152819.jpg; 20180711_152822.jpg; 20180711_152828.jpg; 20180711_152716.jpg; 20180711_152738.jpg; Image_20180712_0001.jpg; Image_20180710_0008.jpg

All,

Establish the erosion controls (construction entrance & silt fencing) per the approved plan by Tuesday 7/17/2018. The erosion controls were have been installed PRIOR to the start of construction. Sweep the tracking from the roadway ASAP.

Attached are inspection photos from 7/11/2018 as well as scans of the approved plan set.

GENERAL NOTES

1. Deviation from this plan shall be reviewed by a professional engineer and may be to additional regulatory approvals.

2. Land disturbance will be kept to a minimum. Re–stabilization will be scheduled as as practicable.

3. All erosion and sediment control measures will be constructed in accordance with t standards and specifications of the 2002 Connecticut Guidelines for Soil Erosion an Sediment Control.

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5. The owner is assigned the responsibility for implementing this erosion control and control plan. This responsibility includes the installation and maintenance of contro measures, informing all parties engaged on the construction site the requirements objectives of the plan, notifying the Land Use Agency of any transfer of this respo and for conveying a copy of the erosion & sediment control plan if the title to th transferred.

6. Grading is to be according to all applicable regulations and normal standards of g practice.

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