



**Connecticut Department of
Energy & Environmental Protection**
Bureau of Materials Management & Compliance Assurance
Water Permitting & Enforcement Division

MS4 Annual Report Transmittal Form

**For the General Permit to Discharge Stormwater
from Small Municipal Separate Storm Sewer
Systems (MS4)**

Print or type unless otherwise noted. You must submit the Annual Report and the fee along with this completed form.

CPPU USE ONLY
App #: _____
Doc #: _____
Check #: _____
Program: Stormwater Permits

Part I: Annual Report General Information

1. Reporting Period (Calendar Year): <u>2016</u>	
2. Provide the registration number for the existing general permit registration: _____	
3. Registrant Type (check one):	Fees
<input type="checkbox"/> state institution/agency	\$375.00 [713]
<input type="checkbox"/> federal institution/agency	\$375.00 [713]
<input checked="" type="checkbox"/> municipality	\$187.50 [713]
4. Municipality name or Municipality name where institution is located: <u>New Milford</u>	
The annual report will not be processed without the fee. The fee shall be non-refundable and shall be paid by check or money order to the Department of Energy and Environmental Protection or by such other method as the commissioner may allow.	

Part II: Registrant Information

1. Registrant (Name of Municipality or State or Federal Institution/Agency): <u>Town of New Milford</u>	
Mailing Address: <u>10 Main Street</u>	
City/Town: <u>New Milford</u>	State: <u>CT</u> Zip Code: <u>06776</u>
Business Phone: <u>860-355-6010</u>	ext.:
Contact Person: <u>Mayor David Gronbach</u>	Phone: <u>860-355-6010</u> ext.
*E-mail: <u>mayor@newmilford.org</u>	
*By providing this e-mail address you are agreeing to receive official correspondence from DEEP, at this electronic address, concerning the subject registration. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Also, please notify DEEP if your e-mail address changes.	

Part II: Registrant Information (continued)

2. Billing contact, if different than the registrant.

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Contact Person:

Phone:

ext.

E-mail:

3. Primary contact for departmental correspondence and inquiries, if different than the registrant.

Name: **Kathy Castagnetta**

Mailing Address: 10 Main Street

City/Town: New Milford

State: CT

Zip Code: 06776

Business Phone: 860-355-6080

ext.:

Contact Person:

Phone:

ext.

*E-mail: kcastagnetta@newmilford.org

*By providing this e-mail address you are agreeing to receive official correspondence from DEEP, at this electronic address, concerning the subject registration. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Also, please notify DEEP if your e-mail address changes.

4. Engineer(s) or other consultant(s) employed or retained to assist in preparing the annual report.

Check here if additional sheets are necessary, and label and attach them to this sheet.

Name: **Michael F. Zarba, PE - Director of Public Works and Daniel L. Stanton, PE Town Engineer**

Mailing Address: 10 Main Street

City/Town: New Milford

State: CT

Zip Code: 06776

Business Phone: 860-355-6040

ext.:

Contact Person: Daniel Stanton

Phone: 860-355-6040

ext.

E-mail: mzarba@newmilford.org or dstanton@newmilford.org

Service Provided: **Helped prepare annual report**

5. Check here if there are adjacent towns or other entities with which implementation of the Stormwater Management Plan is coordinated for a portion of the subject MS4. If so, provide the names of such towns or entities: _____

Part III: Annual Report Checklist

The Annual Report must be submitted in hard copy format with this transmittal form and also must be submitted electronically to the address indicated at the end of this form.

Check the boxes confirming that, at a minimum, the following are included in the Annual Report submitted with this transmittal form.

1. A written discussion of the status of compliance with each of the six Minimum Control Measures required by the MS4 General Permit, including, but not limited to:
 - a listing and brief description of all BMPs that were implemented during the reporting year either as one-time events or ongoing activities, including as appropriate, the location of each BMP (address and latitude/longitude), and the party responsible for implementation;
 - a listing of BMPs that were not completed as scheduled or that were discontinued, a discussion of the circumstances and reasons for non-implementation, a modified implementation schedule and, if necessary, a modified or alternate BMP to replace the BMP not implemented including the rationale for such modified or alternate BMP;
 - a discussion of any new or modified BMPs to be implemented in the coming year, including a description of the BMP, the reason or rationale for adding or modifying the BMP, the timeline for implementation, the measurable goal for the BMP, the party responsible for implementation and, where appropriate, the location of each BMP (address and latitude/longitude);
 - a discussion of the progress and status of the MS4's IDDE program (see Section 6(a)(3) of the MS4 General Permit) including, mapping, implementation of an ordinance or other regulatory mechanism to prohibit non-stormwater discharges, illicit discharge tracking activities, IDDE field monitoring results, number and type of illicit discharges detected, and number of illicit discharges eliminated;
 - a discussion of measures in the Stormwater Management Plan (Plan) for the control of discharges to impaired waters (see Section 6(k) of the MS4 General Permit) including a list of BMPs that are targeted for such discharges, progress in implementing these measures, any evaluation of the effectiveness of these measures in meeting the goals of the Plan's impaired waters program, and any new or modified BMPs to be added to the Plan to improve its effectiveness;
 - a discussion of the MS4's stormwater monitoring program describing the status of monitoring for the reporting period with a summary of the findings, any significant observations regarding the results, any actions taken in response to the monitoring results and any modifications to the Plan made as a result of the monitoring results, and;
 - a discussion of any changes to personnel responsible for the Plan or BMP implementation.
2. All monitoring data collected and analyzed pursuant to Section 6(h) of the MS4 General Permit.
3. **Annual Report Availability:** At least thirty (30) days prior to submission of the Annual Report to the DEEP, pursuant to Section 4(d) of the MS4 General Permit, each permittee shall make available for public review and comment a draft copy of the complete Annual Report. Comments on the Annual Report may be made to the permittee and are *not* submitted to the DEEP. Reasonable efforts to inform the public of this document shall be undertaken by the permittee. Such draft copies shall be made available electronically on the permittee's website for public inspection and copying, consistent with the federal and state Freedom of Information Acts, and shall be made available, at a minimum, at one of the following locations: the permittee's main office or other designated municipal or institution office, a local library or other central publicly available location. Following submission of the Annual Report to the DEEP, a copy of the final report shall be made available for public inspection during regular business hours.

Part IV: Registrant Certification

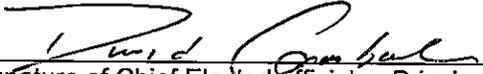
The registrant *and* the individual(s) responsible for actually preparing the annual report must sign this part. [If the registrant is the preparer, please mark N/A in the spaces provided for the preparer.]

"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 the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief.

I certify that this annual report transmittal is on complete and accurate forms as prescribed by the commissioner without alteration of the text.

I understand that a false statement in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute."

I also certify that the signature of the registrant, or a duly authorized representative, being submitted herewith complies with section 22a-430-3(b)(2)(B) of the Regulations of Connecticut State Agencies.

 Signature of Chief Elected official or Principal Executive Officer	1/27/17 Date
David Gronbach Printed Name of Chief Elected official or Principal Executive Officer	Mayor Title (if applicable)
 Signature of Preparer (if different than above)	1/26/17 Date
Daniel Stanton Name of Preparer (print or type)	Town Engineer Title (if applicable)

Note: Please submit this completed Transmittal Form, Fee, and the **Annual Report** to:

CENTRAL PERMIT PROCESSING UNIT
 DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
 79 ELM STREET
 HARTFORD, CT 06106-5127

Please *also* submit the Annual Report electronically to the following address: DEEP.StormwaterStaff@ct.gov



TOWN OF NEW MILFORD
Public Works Department
10 Main Street
New Milford, Connecticut 06776
Telephone (860) 355-6040 • Fax (860) 355-6055

Michael F. Zarba, P.E.
Public Works Director

Daniel L. Stanton, P.E.
Town Engineer

Town of New Milford

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

MS4 Stormwater Monitoring Annual Report 2016

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Introduction

The Town of New Milford is pleased to submit this annual report as required by the Connecticut Department of Environmental Protection's (CTDEP) "General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems". This report summarizes the Town of New Milford's performance on the Best Management Practices (BMPs) submitted to the CTDEP in 2008, included in Part B of the permit. This report covers the year 2016.

The Town of New Milford has completed daily, weekly and monthly tasks to meet the requirements of some or all of the control measures that this report covers. Each section of the report will discuss specific BMPs and the ongoing efforts used to complete the tasks in the plan.

As required, this report will be available to the public for a period of 30 days for review and comment.

Minimum Control Measures

1. Public Education and Outreach

The Town of New Milford has added our MS4 Reports from 2015 to our Engineering Department webpage. When complete, we will add this report. This is used for public interaction, involvement, education and also as a way to inform the community on the weather, stormwater and the impacts of pollutants associated with the many surface waters in Town. Residents use our web site to gather information on stormwater, based on where they live in Town, and how they can best educate themselves in regard to lessening their impacts.

BMP ID	Public Education – BMP Progress	Responsible Department	BMP Status
1-1	Catch Basin signage	Highway Superintendent	Completed 2006, placards will be installed on new catch basins and in new subdivisions before acceptance, and we replace placards as necessary
1-2	Informational Brochure	Daniel Stanton, DPW	Started in 2007, new pamphlet created in 2015 and revised for 2016. Provided with all ROW permits. Additional material is planned for the new 2017 permit from HVA and WCCOG.
1-3	Newspaper Articles	Daniel Stanton, DPW	Various articles in Newstimes discussing water quality in Candlewood Lake and Lake Lillionanah.
1-4	Public	Daniel	No progress.

	Participation	Stanton, DPW	
1-5	Town Engineering Department Webpage	Daniel Stanton, DPW	For our 2016 report, we have posted the draft annual report, our stormwater pamphlet and previous reports. We added additional links to CLEAR, NEMO, and WCCOG MS4 page. We plan to create a separate webpage for the Town MS4 permit in 2017.

2. Public Participation

The Town of New Milford has had two brief discussions in regard to the development and maintenance of a public participation program to help with implementation and review of the Town stormwater management plan. As is required, the Town of New Milford will comply with all state and local public notice and Freedom of Information requirements upon implementation of such a public involvement program.

BMP ID	Public Education – BMP Progress	Responsible Department	BMP Status
2-1	Develop Public Involvement & Participation Program	Engineering	Discussions held regarding scope of program - coordination with Lake Lillinonah Authority, HVA and other volunteer organizations
2-2	Follow FOI Requirements for Program Implementation	Mayor's Office	We comply with FOI Requirements.
2-3*	Household Hazardous Waste Day	Health Department	October 2016

3. Illicit Discharge Detection and Elimination

The Town of New Milford by ordinance currently does not allow anything other than stormwater discharges to be connected to the stormwater system. In the event that anything other than stormwater is discovered within the system, the owner of the property is notified, and the discharge is investigated, and if necessary, immediately disconnected. Currently, the Town of New Milford Health Department handles all calls regarding illicit discharges in conjunction with the Wetlands Enforcement Officer and DPW as necessary. Any stormwater sampled that may lead to areas of concern within the Town are investigated for illicit discharges. A better method of detection and sampling for illicit discharges and ordinance to cover it is currently being investigated and discussed with the Health Department.

As stated within the SWP, the Town of New Milford has committed to mapping all of the outfalls as required. The Town has invested in various software programs, and continues

a substantial investment of time and resources. A portion of the stormwater outfalls have been added to this software system. Some additional outfalls need to be located. We continue to add more of them each year.

The Engineering Department has located numerous catch basins in Town with GIS, and this information has been translated to our asset tracking and mapping.

The Engineering Department continued to add data into our Cartegraph StormVIEW modules. We continue to focus on our urban areas.

BMP ID	Illicit Discharge Detection & Elimination - BMP Progress	Responsible Department	BMP Status
3-1	Map Outfalls greater than 15" in Urbanized Area	Engineering	70% and Continuing to add to asset management system
3-2	Map Outfalls greater than 15" Town-wide	Engineering	50% and Continuing to add to asset management system
3-3	Map Outfalls greater than 12" in Urbanized Area	Engineering	70% and Continuing to add to asset management system
3-4	Develop Program to detect and Eliminate Illicit discharges	Land Use/ Engineering / Health Department	Additional testing is proposed in our 2016/2017 budget for testing. On-going discussions regarding process. Hired a Town Planner who will support MS4 permit application and implementation in 2017
3-5	Develop Illicit Discharge Ordinance	Health Dept./ Wetlands Dept./ Engineering	On-going discussions regarding ideas/ language; Hired a Town Planner who will support MS4 permit application and implementation in 2017
3-6*	Educate Public Employees, businesses, and public on hazards related to illegal discharges	Various	Portions covered under our Winter Maintenance program for Highway, P&R and BOE; stormwater pamphlet is handed out with each ROW Permit and available in lobby of DPW
3-7*	Plan to detect and address future discharges	Various	TBD per 2017 permit

4. Construction Site Stormwater Runoff Control

A stormwater management ordinance does exist within the Town of New Milford regulations already, and is implemented by the Wetlands, Zoning and Planning Commissions. The ordinance and its regulations are in accordance with the CTDEP 2004 Erosion and Sedimentation Control Manual, and are enforced through the Wetlands and

Zoning Enforcement Officers, who, in conjunction with the Engineering Department, oversee the various construction projects in Town. All construction projects and their stormwater management controls are bonded within each respective commission and are maintained by the property owner/developer at all times.

BMP ID	Construction Site Runoff Control-BMP Progress	Responsible Department	BMP Status
4-1	Review Land Use Regulations	Wetlands / Zoning / Planning	Complete
4-2*	Notify Developers about permit registration	Land Use	will consider during regulation updates for 2017 Stormwater Permit
4-3*	Require waste control on-site	Land-Use	will consider during regulation updates for 2017 Stormwater Permit
4-4*	Site plan review re: water quality impacts	Engineering/Land Use	Written into numerous land use reviews during 2016
4-5*	Consider Public Comments	Engineering/Land Use	Regulations require public notice and meetings allow public participation
4-6*	Procedures for site inspections and enforcement	Land Use	will consider during regulation updates for 2017 Stormwater Permit

5. Post-Construction Stormwater Management in New Development and Redevelopment

On all Zoning, and Wetlands applications, the applicant is required to draft and submit a maintenance schedule for their stormwater systems. This is incorporated as part of their approval from each commission. The Town of New Milford does not have a clause in the Town ordinance that requires land development applications to manage post-construction stormwater flows. However, during the review of each application, all stormwater flow management is evaluated, and the post-construction stormwater flows are considered before any approvals are issued. A separate section of regulation will have to be drafted and approved by the Engineering Department as well as the Planning, Zoning, and Wetland Commissions before it can be implemented. The potential new requirements will include installation and maintenance of any and all proposed on-site stormwater

treatment systems, and a future stormwater maintenance program to be implemented by the owner(s).

BMP ID	Post Construction Stormwater Runoff Controls – BMP Progress	Responsible Department	BMP Status
5-1	Review of Land Use Regulations To meet MS4 guidelines	Wetlands/Zoning/ Planning/Engineering	Various discussions held in 2016 including visit by CLEAR MS4 Circuit rider, HVA and WCCOG.
5-2	Develop Post-Construction Stormwater Ordinance	Wetlands/Zoning/ Planning/Engineering	Various discussions held in 2016 including visit by CLEAR MS4 Circuit rider, HVA and WCCOG.
5-3	Develop and implement Post-Construction BMP strategy	Wetlands/Zoning/ Planning/Engineering	Various discussions held in 2016 including visit by CLEAR MS4 Circuit rider, HVA and WCCOG.
5-4	Develop program to Ensure long Term O&M of BMPs	Wetlands/Zoning/ Planning/Engineering	Various discussions held in 2016 including visit by CLEAR MS4 Circuit rider, HVA and WCCOG and future program development on-going

6. Pollution Prevention and Good Housekeeping for Municipal Operations

The Town of New Milford Highway Department completes most of the BMPs that are required by this control measure. All Town roads are swept annually in the spring, and in addition, roads within the downtown area are swept at least once every month between spring and fall. All stormwater drainage structures are continually cleaned throughout the construction season, and any structures are cleaned and/or repaired immediately if they are found to be clogged and non-functioning. The Town's 4,500 (approximately) catch basins and manhole structures are cleaned using a vacuum truck, which operates continuously throughout the spring, summer and fall seasons. Approximately 1,500 to 2,000 catch basins and stormwater structures are cleaned each year.

A new vacuum truck was purchased by the Town in 2013.

The repair of stormwater drainage structures is scheduled by the Highway Department using an asset management program, which, in the future cleaning and repair information will be integrated with GIS. The asset management software program integrates work orders with the database and GIS became fully functional in 2010. This allows the Town to become more efficient with record keeping, to both see which basins require more than normal cleaning/maintenance, and also to make sure all basins are, in fact cleaned.

BMP ID	Good Housekeeping -- BMP Progress	Responsible Department	BMP Status
6-1	Develop Training Program for Municipal Employees	Highway	Discussions held in-house, snow removal guide shared with Highway, Park and Recreations and School Facilities Maintenance Department, other guidance documents were shared in 2016 and plans are developing per 2017 permit application
6-2	Sweep Streets once a year	Highway	Completed 2016
6-3	Evaluate Urban Area Streets for additional Sweeping	Highway	Completed 2016
6-4	Develop Program to Clean structures once a year	Highway	Completed 2016 and requested in 2017/2018 budget
6-5	Develop a system to repair or replace MS4 structures	Highway/Engineering	Necessary repairs are always completed, with additional repair work scheduled.
6-6*	Use EPA/State training materials for employees	Engineering	Provided to Highway, P&R and BOE facilities groups as part of fertilizer and winter operations email

Town of New Milford

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

MS4 Stormwater Monitoring Annual Report 2016

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.


Signature

Mayor David Gronbach


Signature

Michael Zarba, PE – Director of Public Works


Signature

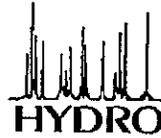
Daniel Stanton, PE – Town Engineer


Signature

Kathy Castagnetta – Town Planner

A copy of our annual report is published online at:
<http://www.newmilford.org/content/3088/3752/3754/default.aspx>

Sample Results for Year 2016



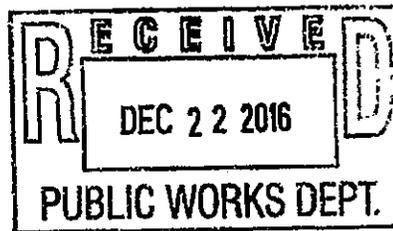
Report of Analysis

Name: New Milford Public Works Department
 Youngs Field Road
 Attn: Al Russo
 New Milford, CT 06776

Sample ID#: 214645
Sample Type: Discharge Water
Sample Source: Papermill Road
Sampler: SC Lab Employee

Sample Date: 11/15/2016 12:45 PM
Receipt Date: 11/15/2016 1:54 PM
Report Date: 11/22/2016
Site: MS4 Stormwater Samples

Parameter	Sample Result	Units	MDL	Analysis Date	Method	Analyst
Biological						
E. coli	1733	MPN/100ml	0	11/15/2016	SM9223B	SC
Minerals						
Hardness	9	mg/L	1	11/18/2016	200.7	SP
Nutrient						
Ammonia as N	ND	mg/L	0.1	11/18/2016	350.1	LM
Kjeldahl Nitrogen as N	0.37	mg/L	0.1	11/22/2016	351.2	LM
Nitrate as N	< 0.05	mg/L	0.05	11/16/2016	353.2	SP
Nitrite as N	< 0.01	mg/L	0.01	11/16/2016	353.2	SP
Phosphorus-T as P	0.41	mg/L	0.01	11/22/2016	365.4	LM
Organic Compounds						
Oil & Grease	4.6	mg/L	0.5	11/21/2016	1664	SE
Oxygen Demand						
Chemical Oxygen Demand	43	mg/L	5	11/18/2016	H8230	SC
Physical						
Conductivity	42.6	uS/cm	1	11/16/2016	SM2510B	SP
pH	6.4	SU	0	11/15/2016	150.1	SC
Suspended Solids	7	mg/L	1	11/18/2016	SM2540D	SC
Turbidity	20.0	NTU	0.02	11/15/2016	180.1	SP



ND = Not Detected
 * = Above Specified Limit
 **Q = Data Qualifier

Results Certified by Hydro Technologies, Inc.:

Note: The test results are only valid for date sample was taken. We do not accept any liability for use of these results.



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

Stormwater Monitoring Report Form

Please send completed form to: STORMWATER GROUP
BUREAU OF MATERIALS MANAGEMENT & COMPLIANCE ASSURANCE
DEPARTMENT OF ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106-5127

PERMITTEE INFORMATION

Town: <u>Town of New Milford</u>
Mailing Address: <u>10 Main Street, New Milford, CT 06776</u>
Contact Person: <u>Michael F. Zarba</u> Title: <u>Director of Public Works</u>
Phone: <u>860-355-6040</u> Permit Registration #GSM: _____

SAMPLING INFORMATION

Discharge Location (Lat/Long or other description): <u>Paper Mill Rd</u>
Please check the appropriate area description: <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential
Receiving Water (name, basin): <u>Housatonic</u>
Time of Start of Discharge: <u>8:00 am</u>
Date/Time Collected: <u>11/15/2016</u> Water Temperature: <u>45°F (7.2°C)</u>
Person Collecting Sample: <u>S. Casper</u>
Storm Magnitude (inches): <u>0.99</u> Storm Duration (hours): <u>8</u>
Date of Previous Storm Event: <u>11/06/2016</u>

MONITORING RESULTS

Parameter	Method	Results (units)	Laboratory
Sample pH	150.1	6.48U	Hydro Technologies, Inc PH-0627
Rain pH	150.1	6.0SU	Hydro Technologies, Inc PH-0627
Hardness	200.7	9mg/l	Hydro Technologies, Inc PH-0627
Conductivity	SM2510B	42.6uS/cm	Hydro Technologies, Inc PH-0627
Oil & Grease	1664	4.6mg/l	Hydro Technologies, Inc PH-0627
COD	H8230	43mg/l	Hydro Technologies, Inc PH-0627
Turbidity	180.1	20.0NTU	Hydro Technologies, Inc PH-0627
TSS	SM540D	101mg/l	Hydro Technologies, Inc PH-0627
TP	365.4	0.41mg/l	Hydro Technologies, Inc PH-0627
Ammonia	350.1	<0.1mg/l	Hydro Technologies, Inc PH-0627
TKN	351.2	0.37mg/l	Hydro Technologies, Inc PH-0627
NO ₃ +NO ₂	353.2	<0.05mg/l	Hydro Technologies, Inc PH-0627
E. coli	SM9223B	1733MPN/100ml	Hydro Technologies, Inc PH-0627

STATEMENT OF ACKNOWLEDGMENT

I certify that the data reported on this document were prepared under my direction or supervision in accordance with the MS4 General Permit. The information submitted is, to the best of my knowledge and belief, true, accurate and complete.

Authorized Official: Daniel Stanton
(Print Name)

Signature: [Signature] Date: 1/26/17

PO Box 1567
 62 Bank St.
 New Milford, CT 06776
 860/355 8773 TEL
 860/350 2258 FAX
 www.gohydro.com



**HYDRO
 TECHNOLOGIES INC.**

CT DPH LAB #PH-0627
 EPA LAB #CT00051
 Water, Wastewater
 Soil and Air Testing
 Sampling and Consulting

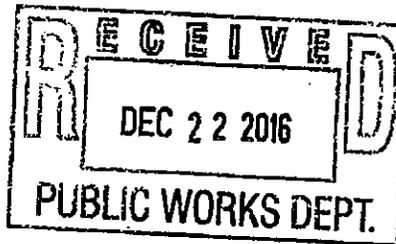
Report of Analysis

Name: New Milford Public Works Department
 Youngs Field Road
 Attn: Al Russo
 New Milford, CT 06776

Sample ID#: 214646
Sample Type: Discharge Water
Sample Source: West Meetinghouse
Sampler: SC Lab Employee

Sample Date: 11/15/2016 12:20 PM
Receipt Date: 11/15/2016 1:57 PM
Report Date: 11/23/2016
Site: MS4 Stormwater Samples

Parameter	Sample Result	Units	MDL	Analysis Date	Method	Analyst
Biological						
E. coli	93	MPN/100ml	0	11/15/2016	SM9223B	SC
Minerals						
Hardness	31	mg/L	1	11/18/2016	200.7	SP
Nutrient						
Ammonia as N	ND	mg/L	0.1	11/18/2016	350.1	LM
Kjeldahl Nitrogen as N	0.79	mg/L	0.1	11/22/2016	351.2	LM
Nitrate as N	0.52	mg/L	0.05	11/16/2016	353.2	SP
Nitrite as N	<0.01	mg/L	0.01	11/16/2016	353.2	SP
Phosphorus-T as P	0.11	mg/L	0.01	11/22/2016	365.4	LM
Organic Compounds						
Oil & Grease	ND	mg/L	0.5	11/21/2016	1664	SE
Oxygen Demand						
Chemical Oxygen Demand	28	mg/L	5	11/18/2016	H8230	SC
Physical						
Conductivity	138	uS/cm	1	11/16/2016	SM2510B	SP
pH	7.2	SU	0	11/15/2016	150.1	SP
Suspended Solids	2	mg/L	1	11/18/2016	SM2540D	SC
Turbidity	3.64	NTU	0.02	11/15/2016	180.1	SP



ND = Not Detected
 * = Above Specified Limit
 **Q = Data Qualifier

Results Certified by Hydro Technologies, Inc.: *L. Pantaleo*

Note: The test results are only valid for date sample was taken. We do not accept any liability for use of these results.



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

Stormwater Monitoring Report Form

Please send completed form to: STORMWATER GROUP
BUREAU OF MATERIALS MANAGEMENT & COMPLIANCE ASSURANCE
DEPARTMENT OF ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106-5127

PERMITTEE INFORMATION

Town: <u>Town of New Milford</u>	
Mailing Address: <u>10 Main Street, New Milford, CT 06776</u>	
Contact Person: <u>Michael F. Zarba</u>	Title: <u>Director of Public Works</u>
Phone: <u>860-355-6040</u>	Permit Registration #GSM: _____

SAMPLING INFORMATION

Discharge Location (Lat/Long or other description): <u>West Meetinghouse</u>	
Please check the appropriate area description: <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential	
Receiving Water (name, basin): <u>Housatonic</u>	
Time of Start of Discharge: <u>8:00 am</u>	
Date/Time Collected: <u>11/15/2016 12:20pm</u>	Water Temperature: <u>45°F (7.2°C)</u>
Person Collecting Sample: <u>S. Casper</u>	
Storm Magnitude (inches): <u>0.99</u>	Storm Duration (hours): <u>8</u>
Date of Previous Storm Event: <u>11/06/2016</u>	

MONITORING RESULTS

Parameter	Method	Results (units)	Laboratory
Sample pH	150.1	7.2SU	Hydro Technologies, Inc PH-0627
Rain pH	150.1	6.0SU	Hydro Technologies, Inc PH-0627
Hardness	200.7	31mg/l	Hydro Technologies, Inc PH-0627
Conductivity	SM2510B	138uS/cm	Hydro Technologies, Inc PH-0627
Oil & Grease	1664	<0.5mg/l	Hydro Technologies, Inc PH-0627
COD	H8230	28mg/l	Hydro Technologies, Inc PH-0627
Turbidity	180.1	3.64NTU	Hydro Technologies, Inc PH-0627
TSS	SM540D	2mg/l	Hydro Technologies, Inc PH-0627
TP	365.4	0.11mg/l	Hydro Technologies, Inc PH-0627
Ammonia	350.1	<0.1mg/l	Hydro Technologies, Inc PH-0627
TKN	351.2	0.79mg/l	Hydro Technologies, Inc PH-0627
NO ₃ +NO ₂	353.2	0.52mg/l	Hydro Technologies, Inc PH-0627
E. coli	SM9223B	93MPN/100ml	Hydro Technologies, Inc PH-0627

STATEMENT OF ACKNOWLEDGMENT

I certify that the data reported on this document were prepared under my direction or supervision in accordance with the MS4 General Permit. The information submitted is, to the best of my knowledge and belief, true, accurate and complete.

Authorized Official: Daniel Stanton
(Print Name)

Signature: [Signature] Date: 11/26/17

PO Box 1567
 62 Bank St.
 New Milford, CT 06776
 860/355 8773 TEL
 860/350 2258 FAX
 www.gohydro.com



CT DPH LAB #PH-0627
 EPA LAB #CT00051
 Water, Wastewater
 Soil and Air Testing
 Sampling and Consulting

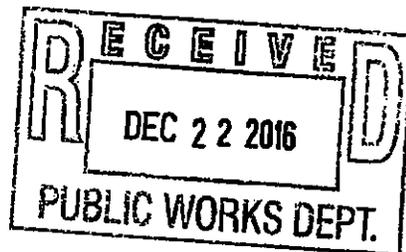
Report of Analysis

Name: New Milford Public Works Department
 Youngs Field Road
 Attn: Al Russo
 New Milford, CT 06776

Sample ID#: 214647
Sample Type: Discharge Water
Sample Source: Young's Field
Sampler: SC Lab Employee

Sample Date: 11/15/2016 3:30 PM
Receipt Date: 11/15/2016 1:58 PM
Report Date: 11/23/2016
Site: MS4 Stormwater Samples

Parameter	Sample Result	Units	MDL	Analysis Date	Method	Analyst
Biological						
E. coli	2420	MPN/100ml	0	11/15/2016	SM9223B	SC
Minerals						
Hardness	282	mg/L	1	11/18/2016	200.7	SP
Nutrient						
Ammonia as N	0.10	mg/L	0.1	11/18/2016	350.1	LM
Kjeldahl Nitrogen as N	0.61	mg/L	0.1	11/22/2016	351.2	LM
Nitrate as N	0.54	mg/L	0.05	11/16/2016	353.2	SP
Nitrite as N	<0.01	mg/L	0.01	11/16/2016	353.2	SP
Phosphorus-T as P	0.18	mg/L	0.01	11/22/2016	365.4	LM
Organic Compounds						
Oil & Grease	0.5	mg/L	0.5	11/21/2016	1664	SE
Oxygen Demand						
Chemical Oxygen Demand	30	mg/L	5	11/18/2016	H8230	SC
Physical						
Conductivity	2876	uS/cm	1	11/16/2016	SM2510B	SP
pH	7.4	SU	0	11/15/2016	150.1	SP
Suspended Solids	4	mg/L	1	11/18/2016	SM2540D	SC
Turbidity	17.7	NTU	0.02	11/15/2016	180.1	SP



ND = Not Detected
 * = Above Specified Limit
 **Q = Data Qualifier

Results Certified by Hydro Technologies, Inc. *L. Patek*

Note: The test results are only valid for date sample was taken. We do not accept any liability for use of these results.



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

Stormwater Monitoring Report Form

Please send completed form to: STORMWATER GROUP
 BUREAU OF MATERIALS MANAGEMENT & COMPLIANCE ASSURANCE
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 79 ELM STREET
 HARTFORD, CT 06106-5127

PERMITTEE INFORMATION

Town: <u>Town of New Milford</u>	
Mailing Address: <u>10 Main Street, New Milford, CT 06776</u>	
Contact Person: <u>Michael F. Zarba</u>	Title: <u>Director of Public Works</u>
Phone: <u>860-355-6040</u>	Permit Registration #GSM: _____

SAMPLING INFORMATION

Discharge Location (Lat/Long or other description): <u>Young's Field</u>	
Please check the appropriate area description: <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential	
Receiving Water (name, basin): <u>Housatonic</u>	
Time of Start of Discharge: <u>8:00 am</u>	
Date/Time Collected: <u>11/15/2016 3:30pm</u>	Water Temperature: <u>45°F (7.2°C)</u>
Person Collecting Sample: <u>S. Casper</u>	
Storm Magnitude (inches): <u>0.99</u>	Storm Duration (hours): <u>8</u>
Date of Previous Storm Event: <u>11/06/2016</u>	

MONITORING RESULTS

Parameter	Method	Results (units)	Laboratory
Sample pH	150.1	7.4SU	Hydro Technologies, Inc PH-0627
Rain pH	150.1	6.0SU	Hydro Technologies, Inc PH-0627
Hardness	200.7	282mg/l	Hydro Technologies, Inc PH-0627
Conductivity	SM2510B	2876uS/cm	Hydro Technologies, Inc PH-0627
Oil & Grease	1664	0.5mg/l	Hydro Technologies, Inc PH-0627
COD	H8230	30mg/l	Hydro Technologies, Inc PH-0627
Turbidity	180.1	17.7NTU	Hydro Technologies, Inc PH-0627
TSS	SM540D	4mg/l	Hydro Technologies, Inc PH-0627
TP	365.4	0.18mg/l	Hydro Technologies, Inc PH-0627
Ammonia	350.1	0.10mg/l	Hydro Technologies, Inc PH-0627
TKN	351.2	0.61mg/l	Hydro Technologies, Inc PH-0627
NO ₃ +NO ₂	353.2	0.54mg/l	Hydro Technologies, Inc PH-0627
E. coli	SM9223B	2420MPN/100ml	Hydro Technologies, Inc PH-0627

STATEMENT OF ACKNOWLEDGMENT

I certify that the data reported on this document were prepared under my direction or supervision in accordance with the MS4 General Permit. The information submitted is, to the best of my knowledge and belief, true, accurate and complete.	
Authorized Official: <u>Daniel Stanton</u>	
Signature: <u>[Signature]</u>	Date: <u>1/26/17</u>

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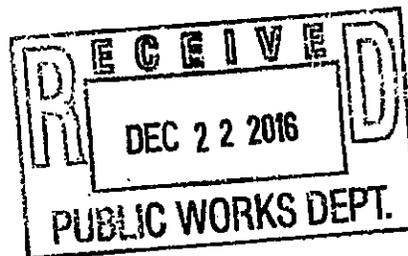
Report of Analysis

Name: New Milford Public Works Department
 Youngs Field Road
 Attn: Al Russo
 New Milford, CT 06776

Sample ID#: 214648
Sample Type: Discharge Water
Sample Source: Grove Street
Sampler: SC Lab Employee

Sample Date: 11/15/2016 1:15 PM
Receipt Date: 11/15/2016 2:00 PM
Report Date: 11/23/2016
Site: MS4 Stormwater Samples

Parameter	Sample Result	Units	MDL	Analysis Date	Method	Analyst
Biological E. coli	>2420	MPN/100ml	0	11/15/2016	SM9223B	SC
Minerals Hardness	28	mg/L	1	11/18/2016	200.7	SP
Nutrient Ammonia as N	ND	mg/L	0.1	11/18/2016	350.1	LM
Kjeldahl Nitrogen as N	0.58	mg/L	0.1	11/22/2016	351.2	LM
Nitrate as N	0.18	mg/L	0.05	11/16/2016	353.2	SP
Nitrite as N	<0.01	mg/L	0.01	11/16/2016	353.2	SP
Phosphorus-T as P	0.36	mg/L	0.01	11/22/2016	365.4	LM
Organic Compounds Oil & Grease	0.5	mg/L	0.5	11/22/2016	1664	SC
Oxygen Demand Chemical Oxygen Demand	24	mg/L	5	11/18/2016	H8230	SC
Physical Conductivity	123	uS/cm	1	11/16/2016	SM2510B	SP
pH	7.3	SU	0	11/15/2016	150.1	SP
Suspended Solids	12	mg/L	1	11/18/2016	SM2540D	SC
Turbidity	34.0	NTU	0.02	11/15/2016	180.1	SP



ND = Not Detected
 * = Above Specified Limit
 **Q = Data Qualifier

Results Certified by Hydro Technologies, Inc.:

Note: The test results are only valid for date sample was taken. We do not accept any liability for use of these results.



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

Stormwater Monitoring Report Form

Please send completed form to: **STORMWATER GROUP
BUREAU OF MATERIALS MANAGEMENT & COMPLIANCE ASSURANCE
DEPARTMENT OF ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106-5127**

PERMITTEE INFORMATION

Town: <u>Town of New Milford</u>	
Mailing Address: <u>10 Main Street, New Milford, CT 06776</u>	
Contact Person: <u>Michael F. Zarba</u>	Title: <u>Director of Public Works</u>
Phone: <u>860-355-6040</u>	Permit Registration #GSM: _____

SAMPLING INFORMATION

Discharge Location (Lat/Long or other description): <u>Grove Street</u>	
Please check the appropriate area description: <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential	
Receiving Water (name, basin): <u>Housatonic</u>	
Time of Start of Discharge: <u>8:00 am</u>	
Date/Time Collected: <u>11/15/2016 1:15pm</u>	Water Temperature: <u>45°F (7.2°C)</u>
Person Collecting Sample: <u>S. Casper</u>	
Storm Magnitude (inches): <u>0.99</u>	Storm Duration (hours): <u>8</u>
Date of Previous Storm Event: <u>11/06/2016</u>	

MONITORING RESULTS

Parameter	Method	Results (units)	Laboratory
Sample pH	150.1	7.3SU	Hydro Technologies, Inc PH-0627
Rain pH	150.1	6.0SU	Hydro Technologies, Inc PH-0627
Hardness	200.7	28mg/l	Hydro Technologies, Inc PH-0627
Conductivity	SM2510B	123uS/cm	Hydro Technologies, Inc PH-0627
Oil & Grease	1664	0.5mg/l	Hydro Technologies, Inc PH-0627
COD	H8230	24mg/l	Hydro Technologies, Inc PH-0627
Turbidity	180.1	34.0NTU	Hydro Technologies, Inc PH-0627
TSS	SM540D	12mg/l	Hydro Technologies, Inc PH-0627
TP	365.4	0.36mg/l	Hydro Technologies, Inc PH-0627
Ammonia	350.1	<0.1mg/l	Hydro Technologies, Inc PH-0627
TKN	351.2	0.58mg/l	Hydro Technologies, Inc PH-0627
NO ₃ +NO ₂	353.2	0.18mg/l	Hydro Technologies, Inc PH-0627
E. coli	SM9223B	>2420MPN/100ml	Hydro Technologies, Inc PH-0627

STATEMENT OF ACKNOWLEDGMENT

I certify that the data reported on this document were prepared under my direction or supervision in accordance with the MS4 General Permit. The information submitted is, to the best of my knowledge and belief, true, accurate and complete.

Authorized Official: Daniel Stanton
(Print Name)

Signature: [Handwritten Signature] Date: 1/26/17

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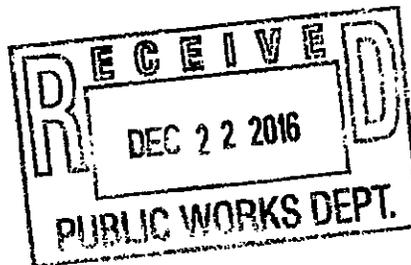
Report of Analysis

Name: New Milford Public Works Department
 Youngs Field Road
 Attn: Al Russo
 New Milford, CT 06776

Sample ID#: 214649
Sample Type: Discharge Water
Sample Source: West Street
Sampler: SC Lab Employee

Sample Date: 11/15/2016 1:15 PM
Receipt Date: 11/15/2016 2:01 PM
Report Date: 11/23/2016
Site: MS4 Stormwater Samples

Parameter	Sample Result	Units	MDL	Analysis Date	Method	Analyst
Biological E. coli	>2420	MPN/100ml	0	11/15/2016	SM9223B	SC
Minerals Hardness	10	mg/L	1	11/18/2016	200.7	SP
Nutrient Ammonia as N	ND	mg/L	0.1	11/18/2016	350.1	LM
Kjeldahl Nitrogen as N	0.48	mg/L	0.1	11/22/2016	351.2	LM
Nitrate as N	< 0.05	mg/L	0.05	11/16/2016	353.2	SP
Nitrite as N	< 0.01	mg/L	0.01	11/16/2016	353.2	SP
Phosphorus-T as P	0.32	mg/L	0.01	11/22/2016	365.4	LM
Organic Compounds Oil & Grease	ND	mg/L	0.5	11/22/2016	1664	SC
Oxygen Demand Chemical Oxygen Demand	30	mg/L	5	11/18/2016	H8230	SC
Physical Conductivity	46.2	uS/cm	1	11/16/2016	SM2510B	SP
pH	7.3	SU	0	11/15/2016	150.1	SP
Suspended Solids	3	mg/L	1	11/18/2016	SM2540D	SC
Turbidity	28.8	NTU	0.02	11/15/2016	180.1	SP



ND = Not Detected
 * = Above Specified Limit
 **Q = Data Qualifier

Results Certified by Hydro Technologies, Inc.:

S. Patrick

Note: The test results are only valid for date sample was taken. We do not accept any liability for use of these results.

Town of New Milford

Voucher

Public Works 10490108/53000 12.30.16
Department Account Number Date

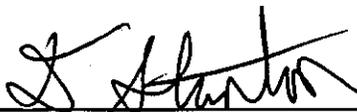
Vendor Name CT DEEP
Address Central Permit Processing
79 Elm St
Hartford, CT. 06106-5127

Description
MS4 Annual Report Fee \$187.50
Municipality

Mail

Don't Mail

Amount \$187.50

Authorized Signature 



Attach to File to Mayor/Board

**Connecticut Department of
Energy & Environmental Protection
Bureau of Materials Management & Compliance Assurance
Permitting & Enforcement Division**

Re: 2016 Annual Report for the MS4 Stormwater General Permit

This letter is a reminder that your 2016 Annual Report as required by Section 6(i)(2) of the General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems (MS4 General Permit) is **due January 1, 2017**.

According to the MS4 General Permit, permittees must "develop, implement, and enforce a Stormwater Management Plan (SMP) designed to reduce the discharge of pollutants from the Small MS4 to the maximum extent possible, to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act." The 2016 Annual Report should include information concerning your SMP. These items include:

- ✓ A municipal plan review fee of \$187.50
- ✓ The status of compliance with the MS4 General Permit, an assessment of the appropriateness of the identified best management practices (BMPs) and progress towards achieving the implementation dates and measurable goals for each of the Minimum Control Measures (MCMs). These MCMs include the following:
 - Public Education and Outreach on Stormwater Impacts
 - Public Involvement/Participation
 - Illicit Discharge Detection and Elimination (IDDE)
 - Construction Site Stormwater Runoff Control
 - Post-Construction Stormwater Management in New Development and Redevelopment
 - Pollution Prevention/Good Housekeeping for Municipal Operations
- ✓ All monitoring data collected and analyzed pursuant to Section 6(g) of the MS4 General Permit.
- ✓ All other information collected and analyzed, including data collected under 6(a)(3), during the reporting period
- ✓ A summary of the stormwater activities the permittee plans to undertake during the next reporting cycle; and
- ✓ A change in any identified measurable goals or implementation dates that apply to the program elements.

Please remember that Annual Reports must be made available to the public for review and comment at least thirty (30) days prior to submission.

Please submit your 2016 Annual Report hard copy to the following address:

**Central Permitting Processing Unit
Department of Energy & Environmental Protection
79 Elm Street
Hartford, CT 06106-5127**

Please submit your 2016 Annual Report electronic copy to the following email address:

DEEP.StormwaterStaff@ct.gov

There was over an 85 percent compliance rate of MS4 municipalities submitting their 2015 Annual Reports for review. We are looking forward to the continual improvement and progress in stormwater management in Connecticut. These reports serve as valuable benchmarks for CTDEEP in determining the effectiveness of the MS4 Permit Program. Thank you for your continued cooperation.

If you have any questions, please contact the Department at DEEP.StormwaterStaff@ct.gov or (860) 424-3025. If you have questions or would like more information concerning the MS4 general permit, please visit the Department's website at http://www.ct.gov/deep/cwp/view.asp?a=2721&q=325702&deepNav_GID=1654