

Town of Thompson

Stormwater Management Plan Annual Report 2018

(Second Report covering January 1, 2018 – December 31, 2018)

MS4 Permit No. GSM000112

Report Finalized June 17, 2019

*DEEP's General Permit for the Discharge of Stormwater
from
Small Municipal Separate Storm Sewer Systems (MS4 Permit)
Effective date July 1, 2017*



Table of Contents

Introduction	2
MCM 1.....Public Education and Outreach	3
BMP 1-1 Initial Implementation of Public Education Program	3
BMP 1-2 Review of links in BMP1-1	3
MCM 2.....Public Involvement / Participation	4
BMP 2-1 Publish Initial Public Notice	4
BMP 2-2 Public Annual Public Notice	4
MCM 3.....Illicit Discharge Detection & Elimination	4
BMP 3-1 Develop Expanded 2013 MS4 Maps and Inventory	4
BMP 3-2 Develop Written IDDE Program	5
BMP 3-2aCitizen reporting form.....	5
BMP 3-2bLegal authority assessment.....	5
BMP 3-2cOutfall screening protocols.....	5
BMP 3-3 Indicators of Program Progress	6
BMP 3-4 Inventory of Sanitary Sewer Overflows in Past 5 Years	6
BMP 3-5 Employee Training	6
BMP 3-6 Documentation of Actions Taken	6
MCM 4.....Construction Site Stormwater Runoff Control	6
BMP 4-1 Legal Authority	6
BMP 4-1aA review of the Town's legal authorities	6
MCM 5.....Post Construction Stormwater Management in New Development or Redevelopment	7
BMP 5-1aReview of Ordinances & Regulations for LID Legal Authority.....	7
BMP 5-2 Long Term Maintenance of Stormwater Treatment Structures	7
MCM 6.....Pollution Prevention / Good Housekeeping	7
BMP 6-1 Employee Training Program	7
BMP 6-2 Infrastructure Repair and Rehabilitation.....	7
BMP 6-4 MS4 Property and Operations	8
BMP 6-5 Street, Parking & MS4 Maintenance.....	8
BMP 6-6 Interconnected MS4s	9
BMP 6-7 Contributing Pollutants to MS4.....	9
BMP 6-8 Documenting Actions.....	9
Appendix A – Thompson Storm Water Discharges	
Appendix B – Thompson MS4 Stormwater System Mapping Status Sheet 01-2019	
Appendix C – Catchment Assessment and Priority Ranking Matrix	
Appendix D – Outfall Catchment System Vulnerability Factor (SVF) Inventory	
Appendix E – Monitoring Test Results	

Introduction

Pursuant to DEEP's MS4 Permit § 5(b) Thompson produced a new Stormwater Management Plan (dated April 17, 2017, hereafter referred to as "SMP") and shortly thereafter posted it on its website <http://www.thompsonct.org/> for public comment. The SMP contains six minimum control measures (MCMs). Each MCM contains best management practices (BMPs) to identify the actions needed to be taken over time, the party responsible for the action, a measurable goal and projected deadline for each BMP. The first Annual Report (for 2017) was finalized/posted on Thompson's webpage and submitted to DEEP in March 2018. The purpose of this second report is to document the progress Thompson has made on meeting the goals identified in the SMP and to help set work priorities for the coming year.

It is noted on April 25, 2017 just eight days after the issuance of Thompson's SMP the 2016 Integrated Water Quality Report (IWQR) was finalized by DEEP. The IWQR changed the impairment designations of three waterbodies in Thompson as follows:

Waterbody Segment ID & Name	Location	EPA Category / Impaired designated use(s)	Designation status TMDL & Pollutants of Concern
CT3300-02_01: Long Branch Brook	0.96 miles from inlet Langers Pond (part of French River segment 2) upstream to confluence with Knowlton Brook	Category 2 / recreation	Removed from impairment for <i>E. coli</i> , CT Statewide Bacteria TMDL ¹ maintained, nitrogen, phosphorus
CT3300-10_01: Quinatissett Brook (Thompson)-01	1.97 miles from its mouth at Mechanicville Pond section of French River just downstream of its Route 12 crossing, upstream to Reams Pond outlet dam, upstream of Route 21 crossing, Thompson.	Category 5 / Recreation	Impaired for <i>E. coli</i> , no TMDL, 303d listing, new data/segment for 2016
CT3708-18_01: Wheatons Brook (Putnam/Thompson)-01	3.27 miles from its confluence with River just downstream from Wicker St crossing, Putnam, upstream to its headwaters on Bull Hill, Thompson.	Category 5 / Recreation	Impaired for <i>E. coli</i> , no TMDL 303d listing, new data/new segment for 2016

Further in February 2018, Richard Benoit was hired as Thompson's Director of Public Works, a position that had remained vacant since July 2017. Additionally Kelley Genest was hired to work part-time as Aid to the Director of Public Works, assisting Director Benoit in discharging his duties under the DEEP's MS4 Permit and the SMP.

In June 2018, Town Planner Mary Ann Chinatti reduced her work schedule to one day a week and in December 2018 formally resigned. In 2018 Thompson contracted with the Northeast Connecticut Council of Governments (NECCOG) to revise Thompson's Planning and Zoning Commission regulations, including revisions to ensure the requirements of the MPS Permit are met. These revisions have yet to be completed.

To accommodate the changes caused by the 2016 IWQR Thompson is in the process of revising the SMP to incorporate these changes.

To supplement the \$18,000 budgeted for MS4 contracts in FY17-18 Thompson budgeted and additional \$10,500 for FY18-19 for continuing the MS4 work and is planning to include additional funds in FY19-20 to complete stormwater system mapping, outfall screening, and delineation of directly connected impervious area all within the in the 2010 Urbanized Area as well as water testing of outfalls draining to impaired waterbodies.

Finally, at the end of 2018, Thompson transitioned to a new webpage format. The webpage URLs referenced in this report reference the new URLs.

¹ See http://www.ct.gov/deep/lib/deep/water/tmdl/statewidebacteria/swbtmdl_corefinal.pdf page 22 for Statewide TMDL.

MCM 1 Public Education and Outreach²

Thompson continues to utilize its webpage (<https://www.thompsonct.org/public-works/pages/stormwater-management>) as the source of its Public Education Program. It is maintained by Kelly Genest. Below is a discussion of the BMPs for public education and outreach.

BMP 1-1 Initial Implementation of Public Education Program – completed prior to July 1, 2017.

BMP 1-2 Review of links in BMP1-1

On December 4, 2018 the following links were reviewed by Ms. Genest. The link to pet waste was updated and a new link on detergent use was added. Others were determined to be adequate to meet the needs of the current SMP:

1. Pet Waste – A pet care fact sheet produced by the University of Rhode Island Cooperative Extension with funding from the RI Department of Transportation and support from the RI Department of Environmental Management updated 2017 entitled “Do You Scoop the Poop?”.
2. Septic Systems –Fact Sheet #3 dated December 1999 entitled “Clean Waters Starting in Your Home and Yard, Caring for Your Septic System” produced as part of a NEMO project and a brochure produced by the University of Minnesota entitled “Know Your Septic System – Components, Functions and Best Management Practices”.
3. Fertilizer, Pesticide and Herbicide Application – (1) Fact Sheet #8 dated June 2000 entitled “Clean Waters Starting in Your Home and Yard, Lawn Care the Environmentally-Friendly Way” produced as part of a NEMO project and (2) a document entitled “Organic Fertilizer Fact Sheet” produced by the Northeast Organic Farming Association.
4. Discharge of Sediment from Construction Sites – (1) The entire “2002 Connecticut Guidelines for Soil Erosion and Sediment Control” produced by the Connecticut Council on Soil and Water Conservation and (2) a brochure entitled “What is Sediment Pollution” produced by the Mid-American Regional Council of Kansas City, Missouri.
5. Impacts of Illicit Discharges and Impervious Cover – (1) A document entitled “After the Storm, the Citizen’s Guide to Understanding Stormwater” dated January 2003 produced by US EPA, (2) a document entitled “Illicit Discharges and Water Pollution” dated October 2012 produced by Clemson University, (3) a NEMO fact sheet entitled “Nonpoint Source Water Pollution” dated 1993, (4) a document entitled “Protecting Water Quality From Urban Runoff, Clean Water Is Everybody’s Business” dated February 2003 produced by US EPA, (5) a document entitled “Rain Gardens A Design Guide for Homeowners in Connecticut” produced by the University of Connecticut’s Cooperative Extension System and (6) and (2) a brochure entitled “Storm Sewers – The River Beneath Our Feet” dated 2008 by the Board of Regents of the University of Wisconsin Systems.
6. Impacts and Available Recycling Programs for Thermometers, Thermostats, Florescent Lights & Button Cell Batteries – (1) DEEP’s webpage entitled “Household Products Containing Mercury” dated December 15, 2006, (2) DEEP’s webpage entitled “Mercury Information” dated May 8, 2013, (3) a fact sheet entitled “Metallic Mercury: Health Affects” dated September 2009 produced by the Connecticut Department of Public Health and (4) a fact sheet entitled is “Mercury in the Environment” dated October 2000 produced by USGS.
7. Grass Clippings and Leaf Management – (1) a DEEP brochure entitled “Composting has A-PEEL” dated 08-14-14 and (2) a DEEP brochure entitled “Don’t Trash Grass” dated 1993.
8. Detergent Use – Webpage dated 5/10/2017 from the American Cleaning Institute entitled “Soaps & Detergents: Environmental Safety”.
9. Discharge of Sediments From Construction Sites – see documents under paragraph #4 above.

² See MS4 Permit §6(a)(1), pages 19-21

MCM 2 Public Involvement / Participation³

While not identified as a specific BMP in the current SMP for public involvement / participation, it is important to note that through the efforts of Thompson Together, Inc. over 200 people of all ages participated in the cleaning 124 miles of roadsides in a townwide effort removing at least 4.79 tons of trash including 42 tires from roadsides and watercourses. Additionally, 31 persons participated in cleaning the banks of the French River, covering about 1/3 of its length as it passes through Thompson.

BMP 2-1 Publish Initial Public Notice - completed by the Selectman's Office on April 12, 2017 for the SMP and February 2, 2017 for the first annual report under the new MS4 Permit.

BMP 2-2 Public Annual Public Notice

Pursuant to MS4 Permit § 6(a)(2)(A) the Selectman's Office's posted and published a notice for the 2018 Annual Report on Thompson's main webpage on April ??, 2019 and provided an open comment period. It is noted that no comments from the public were received for the 2017 Annual Report.

MCM 3 Illicit Discharge Detection & Elimination⁴

The illicit discharge detection & elimination (IDDE) program elements referenced in the permit are contained within SMP MCM 3 and the status of the BMPs is referenced below.

BMP 3-1 Develop Expanded 2013 MS4 Maps and Inventory⁵

While the overall deadline for this BMP is July 1, 2020, BMP 3-1a (delineation of the Urbanized Areas, impaired waters and TMDL waters and BMP 3-1b (mapping of storm drain interconnections with state MS4s) were required to be completed by July 1, 2018. BMP 3-1c (detailed storm drain system mapping) is required to be completed in 2019 followed by BMP 3-1d (delineation and assessment of contributing drainage areas and directly connected impervious areas (DCIA)) in 2020. The Town is working to revise the current SMP to include the impaired waters identified in DEEP's 2016 IWQR and using the 2010 UA instead of the 2000 UA. In 2018 Thompson contracted with J&D Civil Engineers, LLC to, among other things:

- (a) begin mapping elements of the storm drain systems located in the 2010 UA and impaired waters,
- (b) collect information on interconnections with other MS4s, and
- (c) collect information on town owned stormwater treatment structures including detention & retention structures, infiltration systems, bioretention swales, water quality swales, gross particle separators and similar structures.

Appendix A of this Annual Report contains a listing of all storm drain outfalls identified to the date of this report with an indication as to which ones are subject to further system mapping, screening and sampling, including those that drain to impaired waters based on the 2016 IWQR (BMP 3-1a).

No interconnections with other MS4s have been identified to date (BMP 3-1b). Mapping of the storm drain system for outfalls in the 2010 UA is underway and may identify interconnections with the Connecticut Department of Transportation, the only other MS4 known to exist in Thompson. An end of year mapping status spreadsheet is provided in Appendix B of this Annual Report.

³ See MS4 Permit § 4(d)(3), page 16 & § 6(a)(2)(A), page 21

⁴ See MS4 Permit § 6(a)(3), pages 22-24 and Appendix B, pages 1-13

⁵ See MS4 Permit § 6(a)(3)(A)(i) page 22 & Appendix B § A(6), pages 3-4

BMP 3-2 Develop Written IDDE Program⁶

Through a contact with J&D Civil Engineers, LLC Thompson received a draft written IDDE program dated June 28, 2018. That draft is still under review and has not been posted on Thompson's webpage. The Town will make every effort to have a written IDDE plan posted by July 1, 2019. It is noted that the draft IDDE program references the reporting requirements for addressing septic system failures in Thompson are handled by the Northeast District Department of Health. As part of this draft IDDE all known Town owned outfalls, regardless of their location, have had their catchments assessed in terms of potential illicit discharges and an initial priority ranking identified⁷. See Appendix C of this Annual Report. Additionally, all Town owned outfalls have been inventoried for system vulnerability factors⁸, regardless of location. See Appendix D of this Annual Report. Progress to date on the various BMPs associated with other elements of the required IDDE program is discussed below.

BMP 3-2a Citizen reporting form⁹ - Initially completed April 2017.

Due to change is the Town's webpage design a printable version of the "Citizen's Comments" form can now be found listed in the Public Works Department' Documents & Forms¹⁰. Additionally, citizens can submit an email by clicking on "Contact Us" found in the main webpage menu bar and selecting "Send us Comments and Questions."¹¹ To date there have been no citizen reports or concerns about illicit discharges.

BMP 3-2b Legal authority assessment¹²

A review of Thompson's ordinances reveals there is no language adopted to meet the requirements of the MS4 Permit. A review of the sample ordinance language provided by UConn's NEMO support system funded by the DEEP and the model ordinance language offered by the US EPA have raised constitutional questions regarding the civil rights of illicit dischargers and the legal authority by which the Town has to enact such mandated ordinance. These matters are currently under review by the Town's legal counsel. Establishment of mandated ordinance was to have been completed by July 1, 2018. It is unclear as to when this issue will be resolved.

BMP 3-2c Outfall screening protocols¹³

The outfall screening protocols are contained in Section 7 of the draft written IDDE plan. It is expected that the draft protocols will be followed at least until the IDDE plan is finalized. In 2018 Thompson contracted with the Eastern Connecticut Conservation District to:

- (a) perform wet weather sampling of stormwater outfall to impaired waterbodies,
- (b) conduct initial stormwater screening, and
- (c) collect a water sample from Backwater Brook for fecal bacterial (E. coli) downstream of Duhamel Pond to follow up previous water quality sampling conducted by ECCD in 2015 and The Last Green Valley in 2016, which yielded fecal bacteria levels in excess of state allowable levels for recreational contact.

Thompson opted to use Microbac Laboratories to analyze any water samples taken by Eastern Connecticut Conservation District.

⁶ See MS4 Permit § 6(a)(3), page 22 & Appendix B § A(7), pages 4-12

⁷ See MS4 Permit Appendix B § (A)(7)(c)

⁸ See MS4 Permit Appendix B § (A)(7)(e), pages 9-11

⁹ See MS4 Permit § 6(a)(3)(A)(iii), page 22

¹⁰ See https://www.thompsonct.org/sites/thompsonct/files/uploads/citizen_comment_form.pdf

¹¹ See <https://www.thompsonct.org/contact-us/webforms/send-us-comments-questions>

¹² See MS4 Permit § 6(a)(3)(B), page 23

¹³ See MS4 Permit § 6(a)(3)(A)(iv), page 23 & Appendix B § A(7)(d), pages 7-8

BMP 3-3 Indicators of Program Progress¹⁴

Thompson has struggled to meet its work on the IDDE program. Though falling behind is continues to make progress towards meeting the intent of the permit.

BMP 3-4 Inventory of Sanitary Sewer Overflows in Past 5 Years¹⁵ - Completed in 2017

BMP 3-5 Employee Training¹⁶

Until a written IDDE program is finalized no training is planned.

BMP 3-6 Documentation of Actions Taken¹⁷

The information in this Annual Report meets the requirements of this BMP.

MCM 4 Construction Site Stormwater Runoff Control¹⁸

BMP 4-1 Legal Authority¹⁹

BMP 4-1a A review of the Town's legal authorities in the five areas referenced in the MS4 Permit are as follows:

BMP 4-1a(1) Majority of this requirement was reported completed in 2017. The exception was that subdivision regulations incorrectly site the 2004 Connecticut Stormwater Quality Manual as the 2002 Connecticut Stormwater Quality Manual. Additionally, subdivision regulation Article IV (Requirements for the Subdivision of Land), Section 5 (Stormwater Runoff Control) states "The 2002 Connecticut Stormwater Quality Manual by the Department of Environmental Protection, as amended, should be used as a guiding document when addressing stormwater runoff control..." This language needs to be changed from "should" to "shall". Nowhere in ordinance, regulation or standard conditions of approval is there a requirement for developers, construction site operators or contractors to maintain consistence with "all stormwater discharge permits issued by the DEEP" within Thompson. As reported in the Introduction, NECCOG is working on revisions to the planning and zoning regulations and these corrections are expected to be made in 2019.

BMP 4-1a(2) The review of ordinances, regulations and general conditions was completed in 2017 (see 2017 MS4 Annual Report).

BMP 4-1a(3) As stated in the 2017 MS4 Annual Report there is inadequate statutory authority to provide Town agents the right to carry out all inspections, surveillance and monitoring procedures necessary to determine compliance with its regulations (see comments under BMP 3-2b). Should the Town find an instance where access has been denied for an inspection, surveillance and/or monitoring of construction site stormwater runoff, the Town will refer that matter to DEEP.

BMP 4-1a(4) The review of authority was completed in 2017 and reported to be adequate.

BMP 4-1a(5) As previously reported it is not clear that the Town has the statutory authority to enter into contracts and agreements to control the contribution of pollutants between Thompson's MS4 and an MS4 operated by others. However, no further review of this will be performed until it is determined that there is an interconnection between the Thompson MS4 and an MS4 operated by others.

BMP 4-2 Interdepartmental Coordination – Completed April 2017

¹⁴ See MS4 Permit Appendix B § (A)(9), page 13

¹⁵ See MS4 Permit Appendix B § A(4), page 2

¹⁶ See MS4 Permit Appendix B § A(10), page 13

¹⁷ See MS4 Permit §§ 6(a)(3)(A)(iii & v), 6(a)(3)(D)(i), page pages 22, 23 & 24 respectively & Appendix B §§ A(4)(d), A(5)(b), A(6)(a)(iii), A(6)(c), A(7)(c)(iii), A(7)(d)(iii), A(7)(e)(i & ii), A(7)(f), A(8)(a & e), A(9) & A(10), page 2, 3, 4, 7, 8, 9-10, 11, 11, 12, 13, 13, & 13, respectively.

¹⁸ See MS4 Permit § 6(a)(4), page 24

¹⁹ See MS4 Permit § 6(a)(4)(A), page 25

BMP 4-4 Public Involvement - Completed April 2017

BMP 4-5 DEEP GP for Discharge of Stormwater and Dewatering Wastewater Associated with Construction Activities Notification – Completed 2017.

MCM 5 Post Construction Stormwater Management in New Development or Redevelopment²⁰

As stated in the 2017 MS4 Annual Report except for BMP 5-1a and BMP 5-2 work on the BMPs in this measure must wait until Thompson completes the expanded mapping of its stormwater system via contract services (see Introduction, above, for explanation of contract services). The precise methodology and assumptions for calculating the DCIA will be included as a component of the contract for expanded mapping of Thompson's stormwater system from anticipated FY 19-20 budgeted funds. It is expected that DCIA mapping provided by DEEP and/or NEMO will be the basis for the initial methodology, with refinements and assumptions identified as a contract deliverable. With respect to MS4 permit § 6(a)(5)(E) there are no known erosion and sediment problems in the watersheds of impaired waters.

BMP 5-1 Legal Authority²¹

BMP 5-1a Review of ordinances & regulations for Low Impact Development (LID) Legal Authority: Work has begun on revising the Planning and Zoning Commission regulations and are expected to will include new LID requirements of the MS4Permit.

BMP 5-1b Amendment of any ordinances and/or regulation for LID legal is required by July 1, 2020.

BMP 5-2 Long Term Maintenance of Stormwater Treatment Structures²²

Thompson has only two known possible detention basins (one located off Emil Drive and another near the intersection of Ryler Court and Riverside Drive). Their current condition is still unknown. Work has not begun on this BMP but was required to have been completed by July 1, 2018

BMP 5-3 DCIA Delineations²³ Work has not yet begun but is required to be completed by July 1, 2020.

MCM 6 Pollution Prevention / Good Housekeeping²⁴

BMP 6-1 Employee Training Program²⁵

Following the finalization of the written IDDE plan, a training session will be scheduled. Deadline for action is 7/1/2019.

BMP 6-2 Infrastructure Repair and Rehabilitation²⁶

First 5 outfalls for repair: The following table provides a summary of repairs made to Thompson's MS4 outfalls and drainage systems:

Location	Latitude / Longitude	Outfall ID (New ID#)	Structure Type	Reason for & Repairs Made
39 Messier Rd	41.945822 -71.914524	SD 128 (18-12)	Culvert	Rotted corrugated steel pipe, replace with 18" ADS
0 Blain Rd	41.968591 -71.884212	Unknown	Open inlet structure	Unsafe structure, rebuilt with new CL top
210 Buckley Hill Rd (Valley Rd intersection)	41.975414 -71.886182	SD 105 (10-33)	Catch basin	Collapsing structure – complete rebuild
255 Pompeo Road	41.997107 -71.882553	SD 119 (7-12)	3 Catch basins	Failure to raise CB prior to paving - raised CL top to grade of existing paving

²⁰ See MS4 Permit § 6(a)(5), page27

²¹ See MS4 Permit § 6(a)(5)(A)(i), page 27

²² See MS4 Permit § 6(a)(5)(D), page30

²³ See MS4 Permit § 6(a)(5)(C), page30

²⁴ See MS4 Permit § 6(a)(6), page 31

²⁵ See MS4 Permit § 6(a)(6)(A), page 31

²⁶ See MS4 Permit § 6(a)(6)(B)(i), page 31

79 Gaumond Rd	41.968389 -71.906814	SD 140 (14-05)	Culvert	Plugged culvert, removed, cleaned and reinstalled 18" RCP
41 Murolo Rd	41.971181 -71.906814	SD 129 (10-16)	2 Catch basins	Sink hole (e/s), repaired and deteriorated (w/s), replaced top course of blocks,

BMP 6-2a Future outfall / systems for repair: Identified in the summer of 2017 five MS4 outfalls were identified for repair pending available funding allocations as follows:

SD15 Buckley Hill Road – 15" RCP emptying into French River - pending
SD22 Rachel Drive – 15" CALP emptying into Sunset Hill Brook - pending
SD44 Sunny Side Drive – 15" RCP emptying into Five Mile River - pending
SD129 Murolo Road – 15" CALP emptying into Stoud Brook – completed 2018
SD133 Rawson Road – 15" RCP emptying into French River - pending

BMP 6-2b Priority/Scheduling adjustments for outfall/system repair/rehabilitation: None are identified at this time.

BMP 6-3 Retrofit Program²⁷

BMP 6-3a Recording for annual report of disconnected DCIA: To date there have been no retrofits to disconnect existing DCIA.

BMP 6-3b Retrofit identifications & priorities: Work has not begun on this BMP and is not required to be reported until July 1, 2020.

BMP 6-3c Schedule of retrofits: Work has not begun on this BMP

BMP 6-4 MS4 Property and Operations²⁸

As stated in the 2017 Annual Report Thompson does not own or have any dog parks nor any properties with failing septic systems. Additionally, it has not in the past five years nor does it plan to apply fertilizer for turf management on any of its properties, regardless of any designated water impairment. With respect to previous concerns about high bacterial counts in Backwater Brook as it flows through Town property, see the Monitoring section later in this report for the results of its investigation. Work has not begun on this BMP. Deadline for action is July 1, 2020.

BMP 6-5 Street, Parking & MS4 Maintenance²⁹

BMP 6-5a Street Sweeping Data³⁰: Until such time as the DCIAs of greater than 11% are determined, it is Thompson's plan only to sweep Town paved roads and parking lots (1) prior to paving and chip sealing of road surfaces, (2) following chip sealing and road reconstruction activities and (3) as needed when accumulations are observed following storm events.

The following is a summary of Thompson's street sweeping activities for 2018:

Curb miles swept	12.06
Dates of sweeping	1 week each in June, August and September
Volume of material collected	200 cubic yards (estimated)
Method of reuse / disposal	Material is screened to remove debris; resulting material is mixed with soil and recycled for use as fill material along road sides

²⁷ See MS4 Permit § 6(a)(6)(B)(ii)], page 32

²⁸ See MS4 Permit § 6(a)(6)(C & H), pages 33 & 38, respectively

²⁹ See MS4 Permit § 6(a)(6)(D), page 35

³⁰ See MS4 Permit § 6(a)(6)(D)(i)(c), page 35

BMP 6-5b Catch Basin Cleaning Data³¹: Until such time as the DCIAs of greater than 11% are determined, it is Thompson's plan to clean catch basins as needed pursuant to observations after chip sealing or road reconstruction or significant storms.

The following is a summary of Thompson's catch basin cleaning activities:

Total # catch basins	350 (estimated)
# catch basins inspected	50 (estimated)
# catch basins cleaned	20 (estimated)
Total volume of material collected	12 cubic yards (estimated)

BMP 6-5c Deicing Management Practices³²: A number of years ago Thompson abandoned the use of sand and sand/salt mixtures for deicing operations. Currently, Thompson uses Morton treated salt that is stored in a salt storage shed, protected by removable tarps to minimize exposure to stormwater. The salt storage shed and immediate truck loading area is flat and paved to help minimize runoff and keep salt from leaving the site or entering ground water or watercourses. Loading of trucks for road salt application is performed by a payloader at the salt storage shed. The Public Works Department has initiated

BMP 6-5d Snow Management Practices³³: Thompson Public Works Department staff is provided one on one training by supervisors as needed to establish familiarity with salt application methods and equipment. At no time is plowed snow purposefully deposited into wetlands or watercourses, nor is it moved to offsite locations for disposal. The following is a summary of data for Thompson's snow management practices for the winter of 2016-2017.

Lane miles plowed	196
Acres of parking areas plowed	~ 8.61 ³⁴
Volume of treated salt used	2,048 tons
Deicing equipment used	Two 9-ton trucks w/ mason dumps Eight 9-ton trucks with spreader bodies Five trucks with slide-in-hoppers

BMP 6-6 Interconnected MS4s³⁵

Work will not begin on this BMP unless and until it is determined that the Thompson MS4 is interconnected with a state or federal MS4.

BMP 6-7 Contributing Pollutants to MS4³⁶

Work is not expected to begin on the development of a program to control the contribution of pollutants to Thompson's MS4 from commercial, industrial, municipal, institutional or other facilities not otherwise authorized by a DEEP discharge permit until such time as sampling data indicates a problem exists.

BMP 6-8 Documenting Actions

The information in this Annual Report meets the requirements of this BMP.

³¹ See MS4 Permit § 6(a)(6)(D)(ii), page 36-37

³² See MS4 Permit § 6(a)(6)(E)(i), page 37

³³ See MS4 Permit § 6(a)(6)(E)(ii), page 37

³⁴ Town Library = 6.7 ac; Riverside Park = 1.49 ac; Town Hall = 0.93 ac; Public Works Garage = 2.62 ac; Transfer Station = 1.87 ac

³⁵ See MS4 Permit § 6(a)(6)(F), page 38

³⁶ See MS4 Permit § 6(a)(6)(G), page 38

THOMPSON STORM WATER DISCHARGES

MS4 2018 Annual Report Appendix A

Pink=discharge directly to impaired waters (in and out of 2010 UA)

Yellow = discharge in 2010 UA only

White = discharge neither in UA nor to impaired waters

Grey = not town owned

Sheet #	New #	Old #	UA Yr	Street	Water shed	Condition	Water Body	WQ Class.	Latitude North	Longitude West
1	1-01	SD 11	Not	Fabyan Road	3700	Good	Quinebaug River	B	42°00'32.5"	071°56'10.1"
1	1-02	SD 12	Not	Blackmer Downs	3700	Good	Quinebaug River	B	42°00'29.9"	071°56'23.8"
1	1-03	SD 23	Not	Fabyan Woodstock	3700	Good	Quinebaug River	B	42°00'29.7"	071°56'46.6"
1	1-04	SD 25	Not	Fabyan Woodstock	3700	Good	Quinebaug River	B	42°00'31.4"	071°56'59.2"
1	1-05	SD 27	Not	Fabyan Road	3700	Good	Quinebaug River	B	42°00'35.3"	071°56'32.1"
1	1-06	SD 28	Not	Fabyan Road	3700	Good	Quinebaug River	B	42°00'37.5"	071°56'27.7"
1	1-07	SD 29	Not	Fabyan Road	3700	Good	Quinebaug River	B	42°00'52.4"	071°56'24.6"
1	1-08	SD 30	Not	Parker Road	3700	Good	Quinebaug River	B	42°00'49.8"	071°56'17.7"
1	1-09	SD 31	Both	Poulin Drive	3700	Good	Quinebaug River	B	42°01'10.4"	071°56'40.6"
1	1-10	SD 32	Both	Leo Circle	3700	Good	Quinebaug River	B	42°01'26.2"	071°57'19.0"
1	1-11	SD 33	Both	Walker Drive	3700	Good	Quinebaug River	B	42°01'25.4"	071°56'35.4"
1	1-12	SD 48	Both	Green Acres Ln.	3700	Good	Quinebaug River	B	42°01'08.4"	071°56'17.6"
1	1-13	SD 49	Both	Green Acres Ln.	3700	Good	Quinebaug River	B	42°01'15.0"	071°56'10.3"
1	1-14	SD 50	2010	Linda Ln.	3700	Good	Quinebaug River	B	42°01'12.1"	071°56'10.6"
2	2-01	SD 114	2000	Ryler Court	3300	Good	French River	B	42°00'32.8"	071°53'35.4"
2	2-02	SD 115	2000	Wilsonville Rd	3300	Good	French River	B	42°00'48.3"	071°53'10.5"
2	2-03	SD 117	Not	Fairway Dr	3300	Good	French River	B	42°00'29.3"	071°52'50.1"
2	2-04	SD 121	2010	Tuft Rd	3700	Good	Shunway Brook	A	42°01'24.9"	071°55'01.4"
3	3-01	SD 42	Both	Laurel Wood Drive	3400	Good	Five Mile River	A	42°00'29.4"	071°50'21.9"
3	3-02	SD 96	Not	Wilsonville Rd	3300	Good	Five Mile River	A	42°00'34.9"	071°50'59.1"
3	3-03	SD 97	Both	Wagher Rd	3300	Good	Long Branch	A	42°00'37.7"	071°52'41.0"
3	3-04	SD 98	Both	Labby Rd	3300	Good Silt	Long Branch	A	42°01'26.9"	071°52'15.0"
3	3-05	SD 99	Both	Dennis Dr	3300	Good	French River	B	42°01'25.8"	071°52'35.6"
3	3-06	SD 116	2000	Wilsonville Rd	3300	Good	Long Branch	A	42°00'34.1"	071°52'44.1"
3	3-07	SD 153	Not	Pompeo Road-Lowel Davis Rd			Stoud BrookKnowlton Brook	A		
4	4-01	SD 34	Both	Sand Dam Road	3400	Good	Five Mile River	A	42°01'08.9"	071°50'03.0"
4	4-02	SD 35	Both	Oakwood Drive	3400	Good	Five Mile River	A	42°00'56.0"	071°49'39.8"
4	4-03	SD 36	Both	Shady Lane	3400	Good	Five Mile River	A	42°00'52.1"	071°49'36.1"
4	4-04	SD 37	2000	Meadow Drive	3400	Good	Five Mile River	A	42°00'50.5"	071°49'33.0"
4	4-05	SD 38	Both	Sand Dam Road	3400	Good	Five Mile River	A	42°00'54.2"	071°49'48.3"
4	4-06	SD 39	2000	Sand Dam Road	3400	Good	Five Mile River	A	42°00'42.3"	071°49'40.9"
4	4-07	SD 40	2000	Orchard Drive	3400	Good	Five Mile River	A	42°00'45.4"	071°49'27.9"

THOMPSON STORM WATER DISCHARGES

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rev. March 26, 2019

4	4-08	SD 41	J&D remove not town owned	Center Street Jezierski Lane	3400	Good	Five Mile River	A	42°00'47.9"	071°50'16.8"
4	4-09	SD 44	2000	Sunny Side Drive	3400	Good	Five Mile River	A	42°00'39.0"	071°49'25.4"
4	4-10	SD 45	2000	Sand Dam Road	3400	Good	Five Mile River	A	42°00'37.1"	071°49'38.4"
4	4-11	SD 81	Not	New Rd	3400	Good	Five Mile River	A	42°00'28.5"	071°48'31.6"
5	5-01	SD 8	Not	Fabyan Road	3700	Good	Quinebaug River	B	41°59'51.0"	071°55'48.3"
5	5-02	SD 9	Not	Fabyan Road	3700	Good	Quinebaug River	B	42°00'29.0"	071°55'52.3"
5	5-03	SD 10	Not	Fabyan Road	3700	Good	Quinebaug River	B	42°00'32.2"	071°55'59.2"
5	5-04	SD 26	Not	Fabyan Woodstock	3700	Good	Quinebaug River	B	42°00'11.3"	071°56'57.2"
6	6-01	SD 15	Both	Buckley Hill Road	3300	Good	French River	B	41°59'17.9"	071°53'42.9"
6	6-02	SD 122	Not	Cortis Rd	3300	Good	Backwater Brook	A	42°00'24.9"	071°54'14.7"
6	6-03	SD 154	2010	Park Street			French River	B		
7	7-01	SD 93	Both	Emil Dr	3400	Good	Five Mile River	A	42°00'12.6"	071°50'31.6"
7	7-02	SD 94	Both	Emil Dr	3400	Good	Five Mile River	A	42°00'12.7"	071°50'31.8"
7	7-03	SD 95	Not	Jason Heights	3400	Good	Janson Brook	A	41°59'17.0"	071°50'42.0"
7	7-04	SD 100	2010	Paysay Rd	3300	Good	Stoud Brook	A	41°59'35.5"	071°52'27.7"
7	7-05	SD 101	2010	Stawicki Rd	3300	Good	Stoud Brook	A	41°59'38.1"	071°52'23.4"
7	7-06	SD 102	Not	Heritage Circle	3300	Good	Baptist Brook	A	41°59'41.9"	071°52'04.8"
7	7-07	SD 103	2010	Stacwicki Rd	3300	Good	Stoud Brook	A	41°59'50.6"	071°52'18.9"
7	7-08	SD 104	2010	Stacwicki Rd	3300	Good	Stoud Brook	A	41°59'55.6"	071°52'18.7"
7	7-08	SD 106	2010	Stacwicki Rd	3300	Good	French River	B	42°00'21.4"	071°52'16.9"
7	7-10	SD 107	2010	Stacwicki Rd	3300	Good	French River	B	42°00'24.0"	071°52'16.8"
7	7-11	SD 118	2010	Pompeo Rd	3300	Good	Stoud Brook	A	42°00'13.7"	071°52'38.4"
7	7-12	SD 119	2019	Pompeo Rd	3300	Good	Stoud Brook	A	42°00'07.1"	07°52'45.3"
8	8-01	SD 43	Not	Proter Plain Road	3400	Good	Five Mile River	A	42°00'13.1"	071°49'40.7"
8	8-02	SD 76	Not	Quaddick Town Farm	3400	Good	Five Mile River	A	41°59'22.7"	071°48'15.9"
8	8-03	SD 77	Not	Quaddick Town Farm	3400	Good	Five Mile River	A	41°59'49.3"	071°48'31.0"
8	8-04	SD 78	Not	Quaddick Town Farm	3400	Good	Five Mile River	A	41°59'49.4"	071°48'40.0"
8	8-05	SD 79	Not	East Thompson Rd	3400	Good	Five Mile River	A	41°00'08.6"	071°49'03.8"
8	8-06	SD 80	Not	East Thompson Rd	3400	Good	Five Mile River	A	42°00'27.8"	071°48'40.2"
8	8-07	SD 89	Not	Lehtinen Rd	3400	Good	Five Mile River	A	41°59'37.3"	071°49'30.8"
8	8-08	SD 90	Not	Richard Bennett Ln	3400	Good	Five Mile River	A	41°59'43.6"	071°49'08.7"
8	8-09	SD 91	Not	East Thompson Rd	3400	Good	Five Mile River	A	42°00'07.6"	071°49'04.7"
9	9-01	SD 5	Not	Ravenelle Road	3700	Good Silt	Quinebaug River	B	41°58'57.1"	071°55'20.1"
9	9-02	SD 6	Not	Ravenelle Road	3700	Good	Quinebaug River	B	41°59'01.2"	071°55'20.0"

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rev. March 26, 2019

9	9-03	SD 7	Not	Fabyan Road	3700	Good	Quinebaug River	B	41°59'15.0"	071°55'23.1"
10	10-01	SD 2	Both	Main Street	3300	Good	French River	B	41°58'41.1"	071°54'03.4"
10	10-02	SD 14	Both	Rachel Drive	3300	Good Silt	Stoud Brook	A	41°58'14.2"	071°53'15.2"
10	10-03	SD 16	Both	Marshall Lane	3300	Good	French River	B	41°58'53.6"	071°53'57.9"
10	10-04	SD 17	Both	Marshall Lane	3300	Good	French River	B	41°58'56.0"	071°53'59.0"
10	10-05	SD 18	Both	Walker Street	3300	Good	French River	B	41°59'05.7"	071°53'56.4"
10	10-06	SD 19	Both	Walker Street	3300	Good	French River	B	41°59'04.3"	071°53'58.1"
10	10-07	SD 21	Both	Main Street	3300	Good	French River	B	41°58'56.1"	071°54'01.7"
10	10-08	SD 22	Both	Rachel Drive	3300	Good	Sunset Hill Brook	A	41°58'07.5"	071°53'13.9"
10	10-09	SD 24	2010	Murolo Road	3300	Good	Stoud Brook	A	41°58'23.3"	071°53'08.9"
10	10-10	SD 109	Both	Buckley Hill Road	3300	Good	Stoud Brook	A	41°58'23.9"	071°53'01.3"
10	10-11	SD 110	Both	Buckley Hill Road	3300	Good	Stoud Brook	A	41°58'26.0"	071°53'03.9"
10	10-12	SD 111	Both	Buckley Hill Road	3300	Good	Stoud Brook	A	41°58'25.9"	071°53'04.0"
10	10-13	SD 120	2010	Pompeo Rd	3300	Good	Stoud Brook	A	41°59'11.6"	071°53'18.9"
10	10-14	SD 123	2010	Mountain Hill Rd	3700	Good	Backwater Brook	A	41°59'02.8"	071°54'47.6"
10	10-15	SD 127	Both	Mason Terr.	3300	Good	French River	B	41°58'22.0"	071°53'44.8"
10	10-16	SD 129	Both	Murolo Road	3300	Good	Stoud Brook	A	41°58'15.2"	071°53'08.4"
10	10-17	SD 130	Both	Buckley Hill Road	3300	Good	French River	B	41°58'29.3"	071°53'10.0"
10	10-18	SD 131	Both	Buckley Hill Road	3300	Good	French River	B	41°59'15.6"	071°53'42.8"
10	10-19	SD 132	Both	Buckley Hill Road	3300	Good	French River	B	41°59'15.1"	071°53'42.0"
10	10-20	SD 133	Both	Rawson Road	3300	Good	French River	B	41°59'00.8"	071°53'40.1"
10	10-21	SD 134	Both	Blain Road	3300	Good	French River	B	41°58'08.6"	071°53'39.1"
10	10-22	SD 135	Both	Reardon Road	3300	Good	French River	B	41°58'11.5"	071°53'44.9"
10	10-23	SD 136	2010	Reardon Road	3300	Good	French River	B	41°58'19.1"	071°53'58.6"
10	10-24	SD 137	Both	Reardon Road	3300	Good	French River	B	41°58'53.9"	071°54'17.0"
10	10-25	SD 138	Both	Ravenelle Street	3300	Good	French River	B	41°58'40.7"	071°54'15.4"
10	10-26	SD 139	Both	Gaymond Road	3300	Good	French River	B	41°58'23.6"	071°54'16.3"
10	10-27	SD 147	Both	School Street			Backwater Brook	A		
10	10-28	SD 148	Both	Whittemore Street			French River	A		
10	10-29	SD 150	Both	Reardon Road			French River	B		
10	10-30	SD 151	Both	Red Bridge Road			French River	B		
10	10-31	SD 152	Both	Rawson Road			French River	B		
10	10-33	SD 105	2010	Valley Rd	3300		Stoud Brook	A		
10	10-33	SD 20	Both	Walker Street	3300	Good	French River	B	41°59'02.2"	071°54'00.2"
11	11-01	SD 69	Not	Brandy Hill Rd	3400	Good	Five Mile River	A	41°58'27.7"	071°50'33.3"
11	11-02	SD 82	Not	East Thompson Rd	3400	Good	Five Mile River	A	41°58'38.7"	071°50'32.2"

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11	11-03	SD 108	Not	Paysay Rd	3300	Good	French River	B	41°58'41.4"	071°52'38.1"
12	12-01	SD 67	Not	Brandy Hill Rd	3400	Good	Five Mile River	A	41°58'09.3"	071°50'03.6"
12	12-02	SD 68	Not	Brandy Hill Rd	3400	Good	Five Mile River	A	41°58'12.7"	071°50'07.9"
12	12-03	SD 70	Not	Gawron Rd	3400	Good Silt	Five Mile River	A	41°57'55.6"	071°51'50.5"
12	12-04	SD 75	Not	Quaddick Town Farm	3400	Good Silt	Five Mile River	A	41°58'40.6"	071°48'26.8"
12	12-05	SD 83	Not	East Thompson Rd	3400	Good	Five Mile River	A	41°58'50.8"	071°50'05.5"
12	12-06	SD 84	Not	Alm Rd	3400	Good	Janson Brook	A	41°58'49.9"	071°50'06.1"
12	12-07	SD 85	Not	East Thompson Rd	3400	Good	Janson Brook	A	41°58'54.9"	071°49'52.5"
12	12-08	SD 86	Not	East Thompson Rd	3400	Good	Five Mile River	A	41°59'10.9"	071°49'31.7"
12	12-09	SD 87	Not	Spicer Rd	3400	Good	Five Mile River	A	41°59'11.4"	071°48'54.7"
12	12-10	SD 88	Not	Logans Lane	3400	Broken Pipe	Five Mile River	A	41°59'00.3"	071°48'52.4"
14	14-01	SD 3	Not	Ravenelle Road	3700	Good	Quinebaug River	B	41°57'50.7"	071°55'02.4"
14	14-02	SD 4	Not	Ravenelle Road	3700	Good	Quinebaug River	B	41°58'01.3"	071°55'13.8"
14	14-03	SD 13	Both	Klondike Street	3300	Good	Sunset Hill Brook	A	41°58'01.0"	071°53'16.2"
14	14-04	SD 126	2010	Reardon Road	3300	Good	French River	B	41°58'00.4"	071°53'36.9"
14	14-05	SD 140	Not	Gaymond Road	3700	Good	Quinebaug River	B	41°58'05.8"	071°54'24.0"
14	14-06	SD 141	Not	Gaymond Road	3700	Good	Quinebaug River	B	41°58'03.7"	071°54'24.2"
14	14-07	SD 142	2010	Gaymond Road	3700		Quinebaug River	B		
14	14-08	SD 143	2010	Gaymond Road	3700	Good	Quinebaug River	B	41°57'56.6"	071°54'23.0"
14	14-09	SD 144	2010	Seastrand Road	3700	Good	Quinebaug River	B	41°57'46.9"	071°54'16.3"
14	14-10	SD 145	2010	Blain Road	3300	Good	French River	B	41°57'54.1"	071°54'17.7"
14	14-11	SD 146	Both	Reardon Road	3300	Good	French River	B	41°58'03.2"	071°53'37.5"
14	14-12	SD 149	2010	Gaymond Road			Quinebaug River	B		
14	14-13	SD 155	2000	East Thompson Rd	3400	Good	Janson Brook	A	41°58'52.4"	071°50'06.7"
15	15-01	SD 57	Not 2010	Maple Ln	3300	Good	Quinatissett Brook Five Mile River	B	41°57'04.6"	071°51'42.5"
15	15-02	SD 58	Not	Paula Ln	3300	Good	French River	B	41°57'05.1"	071°52'01.4"
15	15-03	SD 59	Not 2010	Chase Rd	3400	Good	Quinatissett Brook Five Mile River	A	41°57'23.3"	071°51'42.7"
15	15-04	SD 60	Not 2010	Chase Rd	3400	Good	Quinatissett Brook Five Mile River	A	41°57'03.7"	071°51'02.2"
15	15-05	SD 63	Not	Quaddick Rd	3400	Good	Five Mile River	A	41°57'05.0"	071°50'43.1"
15	15-06	SD 64	Not 2010	Quaddick Rd	3300	Good Silt	Quinatissett Brook Quinebaug River	B	41°57'21.9"	071°51'24.6"
16	16-01	SD 65	Not	Oleary Rd	3400	Good	Five Mile River	A	41°57'34.1"	071°49'59.6"
16	16-02	SD 66	Not	Brandy Hill Rd	3400	Good	Five Mile River	A	41°58'05.6"	071°50'00.7"

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16	16-03	SD 74	Not	Quaddick Town Farm	3400	Good	Five Mile River	A	41°57'28.0"	071°48'41.6"
18	18-01	SD 1	Both	Old Route 12	3300	Good	French River	B	40°58'25.3"	071°53'51.1"
18	18-02	SD 46	2010	West Thompson Rd	3708	Good	Wheaton Brook Little River	A	41°56'12.6"	071°55'09.8"
18	18-03	SD 47	Both 2000	West Thompson Rd	3708	Good	Wheaton Brook Little River	A	41°55'58.1"	071°55'19.9"
18	18-04	SD 51	2010	Azud Rd	3300	Good	French River	B	41°56'07.8"	071°53'32.3"
18	18-05	SD 52	2010	Azud Rd	3300	Good	French River	B	41°56'10.0"	071°53'33.6"
18	18-06	SD 53	2010	Azud Rd	3300	Good	French River	B	41°56'09.9"	071°53'37.5"
18	18-07	SD 54	Both	Azud Rd	3300	Good	French River	B	41°56'09.3"	071°53'41.2"
18	18-08	SD 112	2010	Church Street	3700	Good	Quinebaug River	B	41°57'25.6"	071°54'46.0"
18	18-09	SD 113	2010	Oak Hill Dr	3700	Good	Quinebaug River	B	41°57'25.3"	071°54'46.4"
18	18-10	SD 124	2010	Oak Hill Dr	3700	Good	Wheatons Brook	A	41°55'57.6"	071°54'24.3"
18	18-11	SD 125	2010	Oak Hill Dr				A	41°55'57.6"	071°54'24.3"
18	18-12	SD 128	2010	Messier Road	3708	Good	Wheatons Brook	A	41°56'44.9"	071°54'52.6"
19	19-01	SD 55	2010	Ballard Rd	3300	Good	French River	B	41°56'32.6"	071°52'47.5"
19	19-02	SD 56	Not	Robbins Rd	3300	Good Silt	French River	B	41°56'38.8"	071°52'29.2"
20	20-01	SD 61	Not	Hill Rd	3400	Good	Five Mile River	A	41°56'25.7"	071°50'17.6"
20	20-02	SD 62	Not	Quaddick Rd	3400	Rusted	Five Mile River	A	41°56'18.0"	071°49'17.1"
20	20-03	SD 71	Not	Lakeside Dr	3400	Good	Five Mile River	A	41°56'50.6"	071°49'24.7"
20	20-04	SD 72	Not	Quaddick Town Farm	3400	Good Silt	Five Mile River	A	41°56'50.7"	071°49'08.3"
20	20-05	SD 73	Not	Quaddick Town Farm	3400	Good	Five Mile River	A	41°56'44.1"	071°49'11.3"
		SD 92		Lowell Davis Road			Knowlton Brook	A		
Total Outfalls = 153										
Outfalls Under Investigation = 81: 76 are located in 2010 UA only and 1 is impaired but not in 2010 UA and 4 are impaired & in 2010 UA										

MS4 2018 Annual Report Appendix B

Thompson MS4 Stormwater System Mapping Status Sheet 01-2019

New Id #	Old Id #	Type	Street	Receiving Water Body	GPS Outfall x = complete	GPS CBs x = complete	Comments
1-09	SD 31	1P	Poulin Drive	Quinebaug River	x	x	
1-10	SD 32	1P	Leo Circle	Quinebaug River	x	x	
1-11	SD 33	1P	Walker Drive	Quinebaug River	x	x	
1-12	SD 48	1P	Green Acres Ln.	Quinebaug River	x	x	
1-13	SD 49	1P	Green Acres Ln.	Quinebaug River	x	x	
1-14	SD 50	1P	Linda Ln.	Quinebaug River	x	x	
2-04	SD 121	1P	Tuft Rd	Shunway Brook			
3-01	SD 42	1P	Laurel Wood Drive	Five Mile River			
3-03	SD 97	1P	Wagher Rd	Long Branch			
3-04	SD 98	1P	Labby Rd	Long Branch			
3-05	SD 99	1P	Dennis Dr	French River			
4-01	SD 34	1P	Sand Dam Road	Five Mile River			
4-02	SD 35	1P	Oakwood Drive	Five Mile River			
4-03	SD 36	1P	Shady Lane	Five Mile River			
4-05	SD 38	1P	Sand Dam Road	Five Mile River			
4-08	SD 41	1P	Jezierski Lane	Five Mile River			
6-01	SD 15	1P	Buckley Hill Road	French River			
6-03	SD 154	1P	Pompeo Road	French River			
7-01	SD 93	1P	Emil Dr	Five Mile River	x	x	
7-02	SD 94	1P	Emil Dr	Five Mile River	x	x	
7-04	SD 100	1P	Pasay Rd	Stoud Brook	x	x	
7-05	SD 101	1P	Stawicki Rd	Stoud Brook	x	x	
7-07	SD 103	1P	Stawicki Rd	Stoud Brook	x	x	
7-08	SD 104	1P	Stawicki Rd	Stoud Brook			
7-09	SD 106	1P	Stawicki Rd	French River			
7-10	SD 107	1P	Stawicki Rd	French River			
7-11	SD 118	1P	Pompeo Rd	Stoud Brook			
7-12	SD 119	1P	Pompeo Rd	Stoud Brook			
10-01	SD 2	1P	Main Street	French River	x	x	
10-02	SD 14	1P	Rachel Drive	Stoud Brook	x	x	
10-03	SD 16	1P	Marshall Lane	French River	x	x	
10-04	SD 17	1P	Marshall Lane	French River	x	x	
10-05	SD 18	1P	Walker Street (Library)	French River	x	x	

Thompson MS4 Stormwater System Mapping Status Sheet 01-2019

New Id #	Old Id #	Type	Street	Receiving Water Body			
10-06	SD 19	1P	Walker Street (Library)	French River	x	x	
10-07	SD 21	1P	Main Street	French River	x	x	
10-08	SD 22	1P	Rachel Drive	Sunset Hill Brook	x	x	
10-09	SD 24	1P	Murolo Road	Stoud Brook	x	x	
10-10	SD 109	1P	Buckley Hill Road	Stoud Brook	x	x	
10-11	SD 110	1P	Buckley Hill Road	Stoud Brook	x	x	
10-12	SD 111	1P	Buckley Hill Road	Stoud Brook	x	x	
10-13	SD 120	1P	Pompeo Rd	Stoud Brook	x	x	
10-15	SD 127	1P	Mason Terr.	French River	x	x	
10-16	SD 129	1P	Murolo Road	Stoud Brook	x	x	
10-17	SD 130	1P	Buckley Hill Road	French River	-	-	Not found
10-18	SD 131	1P	Buckley Hill Road	French River			
10-19	SD 132	1P	Buckley Hill Road	French River			
10-20	SD 133	1P	Rawson Road	French River	x	x	
10-21	SD 134	1P	Blain Road	French River	x	x	
10-22	SD 135	1P	Reardon Road	French River	x	x	
10-23	SD 136	1P	Reardon Road	French River	-	-	cross culvert. Reassigned to Blain Rd
10-24	SD 137	1P	Reardon Road	French River	x	x	
10-25	SD 138	1P	Ravenelle Street	French River			
10-26	SD 139	1P	Gaumond Road	French River			
10-27	SD 147	1P	School Street	Backwater Brook	-	-	Not found
10-28	SD 148	1P	Whittemore Street	French River	x	x	
10-29	SD 150	1P	Reardon Road	French River			
10-30	SD 151	1P	Red Bridge Road	French River	x	x	
10-31	SD 152	1P	Rawson Ave	French River	x	x	
10-32	SD 105	1P	Valley Rd	Stoud Brook			
10-33	SD 20	1P	Walker Street (Library)	French River	x	x	
14-03	SD 13	1P	Klondike Street	Sunset Hill Brook			
14-04	SD 126	1P	Reardon Road	French River			
14-07	SD 142	1P	Gaumond Road	Quinebaug River			
14-08	SD 143	1P	Gaumond Road	Quinebaug River			
14-09	SD 144	1P	Seastrand Road	Quinebaug River			
14-10	SD 145	1P	Blain Road	French River			
14-11	SD 146	1P	Reardon Road	French River			
14-12	SD 149	1P	Gaumond Road	Quinebaug River			
14-13	SD 155	1P	Park Street	French River			

Thompson MS4 Stormwater System Mapping Status Sheet 01-2019

New Id #	Old Id #	Type	Street	Receiving Water Body			
15-01	SD 57	1P	Maple Ln	Quinatissett Brook			
15-03	SD 59	1P	Chase Rd	Quinatissett Brook			
15-04	SD 60	1P	Chase Rd	Quinatissett Brook			
15-06	SD 64	1P	Quaddick Rd	Quinatissett Brook			
18-01	SD 1	1P	Old Route 12	French River			
18-02	SD 46	1P	West Thompson Rd	Wheatons Brook	x	x	
18-04	SD 51	1P	Azud Rd	Quinebaug River			check when no vegetation, may be cross culvert
18-05	SD 52	1P	Azud Rd	Quinebaug River			"
18-06	SD 53	1P	Azud Rd	Quinebaug River			"
18-07	SD 54	1P	Azud Rd	Quinebaug River			"
18-08	SD 112	1P	Church Street	Quinebaug River			"
18-09	SD 113	1P	Oak Hill Dr	Quinebaug River			"
18-10	SD 124	1P	Oak Hill Dr	Quinebaug River			"
18-11	SD 125	1P	Oak Hill Dr	Quinebaug River	x	x	look for missing CB
18-12	SD 128	1P	Messier Road	Wheatons Brook	x	x	
19-01	SD 55	1P	Ballard Rd	French River			
New Outfalls not on previous map							
10-14			Mountain Hill Road	Backwater Brook	x	x	
10-43			Buckley Hill Road		x	x	
10-45			Mountain Hill Road	not determined yet	x	x	
10-46			Mountain Hill Road	not determined yet	x	x	
10-47			Mountain Hill Road	not determined yet	x	x	
10-48			Thatcher Road (School)		x	partial	need to add detention pond

MS4 2018 Annual Report

Appendix C

Table 6-1 CATCHMENT ASSESSMENT AND PRIORITY RANKING MATRIX													
						Within Priority	Discharging To Area of			Previous			Priority Ranking (7)
					Receiving	area with DCIA	Concern to		Density of	Screening	System		1 - problem
				Receiving	Water	> 11%, urbanized, or	Public	Connectivity	Generating	Indicated	Vulnerability		2 - high priority
New Id #	Old Id #	Type	Street	Water Body	Quality (1)	impaired water body	Health (2)	level (3)	Sites (4)	Sewage (5)	Factor (6)	Score	3 - low priority
					Poor = 3 Fair = 2 Good = 0	yes (1P) = 2 No (2N) = 0	Yes= 3 No = 0	Fully = 5 Highly = 4 Average = 3 Partially = 2 Slightly = 1	High = 3 Medium = 2 Low = 1	(Problem Catchment) No = 0	Score = Number of Yes answers in Table 8-1		4 - excluded
1-09	SD 31	1P	Poulin Drive	Quinebaug River	0	2	0		1		2	5	
1-10	SD 32	1P	Leo Circle	Quinebaug River	0	2	0		1		2	5	
1-11	SD 33	1P	Walker Drive	Quinebaug River	0	2	0		1		2	5	
1-12	SD 48	1P	Green Acres Ln.	Quinebaug River	0	2	0		1		2	5	
1-13	SD 49	1P	Green Acres Ln.	Quinebaug River	0	2	0		1		2	5	
1-14	SD 50	1P	Linda Ln.	Quinebaug River	0	2	0		1		2	5	
2-04	SD 121	1P	Tuft Rd	Shunway Brook	0	2	0		1		1	4	
3-01	SD 42	1P	Laurel Wood Drive	Five Mile River	0	2	0		1		2	5	
3-03	SD 97	1P	Wagher Rd	Long Branch	0	2	0		1		1	4	
3-04	SD 98	1P	Labby Rd	Long Branch	0	2	0		1		1	4	
3-05	SD 99	1P	Dennis Dr	French River	0	2	0		1		1	4	
4-01	SD 34	1P	Sand Dam Road	Five Mile River	0	2	0		1		1	4	
4-02	SD 35	1P	Oakwood Drive	Five Mile River	0	2	0		1		1	4	
4-03	SD 36	1P	Shady Lane	Five Mile River	0	2	0		1		1	4	
4-05	SD 38	1P	Sand Dam Road	Five Mile River	0	2	0		1		1	4	
4-08	SD 41	1P	Jezierski Lane	Five Mile River	0	2	3		1		2	8	2 - high priority
6-01	SD 15	1P	Buckley Hill Road	French River	0	2	0		1		1	4	
6-03	SD 154	1P	Pompeo Road	French River	0	2	0		1		1	4	
7-01	SD 93	1P	Emil Dr	Five Mile River	0	2	0		1		1	4	
7-02	SD 94	1P	Emil Dr	Five Mile River	0	2	0		1		1	4	
7-04	SD 100	1P	Paysay Rd	Stoud Brook	0	2	0		1		1	4	
7-05	SD 101	1P	Stawicki Rd	Stoud Brook	0	2	0		1		1	4	
7-07	SD 103	1P	Stawicki Rd	Stoud Brook	0	2	0		1		1	4	
7-08	SD 104	1P	Stawicki Rd	Stoud Brook	0	2	0		1		1	4	
7-09	SD 106	1P	Stawicki Rd	French River	0	2	0		1		1	4	
7-10	SD 107	1P	Stawicki Rd	French River	0	2	0		1		1	4	
7-11	SD 118	1P	Pompeo Rd	Stoud Brook	0	2	0		1		1	4	
7-12	SD 119	1P	Pompeo Rd	Stoud Brook	0	2	0		1		1	4	
10-01	SD 2	1P	Main Street	French River	0	2	0		1		1	4	
10-02	SD 14	1P	Rachel Drive	Stoud Brook	0	2	3		1		1	7	2 - high priority
10-03	SD 16	1P	Marshall Lane	French River	0	2	0		1		1	4	
10-04	SD 17	1P	Marshall Lane	French River	0	2	0		1		1	4	
10-05	SD 18	1P	Walker Street	French River	0	2	0		1		1	4	
10-06	SD 19	1P	Walker Street	French River	0	2	3		1		1	7	2 - high priority
10-07	SD 21	1P	Main Street	French River	0	2	0		2		1	5	
10-08	SD 22	1P	Rachel Drive	Sunset Hill Brook	0	2	0		1		1	4	

Table 6-1 CATCHMENT ASSESSMENT AND PRIORITY RANKING MATRIX													Priority Ranking (7)
						Within Priority	Discharging			Previous			1 - problem
						Receiving	Concern to	Connectivity	Density of	Screening	System		
						Water	Public	level (3)	Generating	Indicated	Vulnerability		
New Id #	Old Id #	Type	Street	Receiving	Quality (1)	area with DCIA	Health (2)		Sites (4)	Sewage (5)	Factor (6)	Score	2 - high priority
				Water Body		> 11%, urbanized, or							3 - low priority
						impaired water body							4 - excluded
10-09	SD 24	1P	Murolo Road	Stoud Brook	0	2	0		1		1	4	
10-10	SD 109	1P	Buckley Hill Road	Stoud Brook	0	2	0		1		1	4	
10-11	SD 110	1P	Buckley Hill Road	Stoud Brook	0	2	0		1		1	4	
10-12	SD 111	1P	Buckley Hill Road	Stoud Brook	0	2	0		1		1	4	
10-13	SD 120	1P	Pompeo Rd	Stoud Brook	0	2	0		1		1	4	
10-15	SD 127	1P	Mason Terr.	French River	0	2	0		1		1	4	
10-16	SD 129	1P	Murolo Road	Stoud Brook	0	2	0		1		1	4	
10-17	SD 130	1P	Buckley Hill Road	French River	0	2	0		1		1	4	
10-18	SD 131	1P	Buckley Hill Road	French River	0	2	0		1		1	4	
10-19	SD 132	1P	Buckley Hill Road	French River	0	2	0		1		1	4	
10-20	SD 133	1P	Rawson Road	French River	0	2	0		1		1	4	
10-21	SD 134	1P	Blain Road	French River	0	2	0		1		1	4	
10-22	SD 135	1P	Reardon Road	French River	0	2	0		1		1	4	
10-23	SD 136	1P	Reardon Road	French River	0	2	0		1		1	4	
10-24	SD 137	1P	Reardon Road	French River	0	2	0		1		1	4	
10-25	SD 138	1P	Ravenelle Street	French River	0	2	0		1		1	4	
10-26	SD 139	1P	Gaymond Road	French River	0	2	0		1		1	4	
10-27	SD 147	1P	School Street	Backwater Brook	0	2	0		1		1	4	
10-28	SD 148	1P	Whittemore Street	French River	0	2	0		1		1	4	
10-29	SD 150	1P	Reardon Road	French River	0	2	0		1		1	4	
10-30	SD 151	1P	Red Bridge Road	French River	0	2	0		1		2	5	
10-31	SD 152	1P	Rawson Road	French River	0	2	0		1		1	4	
10-32	SD 105	1P	Valley Rd	Stoud Brook	0	2	0		1		1	4	
10-33	SD 20	1P	Walker Street	French River	0	2	0		1		1	4	
14-03	SD 13	1P	Klondike Street	Sunset Hill Brook	0	2	0		1		1	4	
14-04	SD 126	1P	Reardon Road	French River	0	2	0		1		1	4	
14-07	SD 142	1P	Gaymond Road	Quinebaug River	2	2	0		1		2	7	
14-08	SD 143	1P	Gaymond Road	Quinebaug River	2	2	0		1		2	7	
14-09	SD 144	1P	Seastrand Road	Quinebaug River	2	2	0		1		1	6	
14-10	SD 145	1P	Blain Road	French River	2	2	0		1		1	6	
14-11	SD 146	1P	Reardon Road	French River	2	2	0		1		1	6	
14-12	SD 149	1P	Gaymond Road	Quinebaug River	0	2	0		1		2	5	
14-13	SD 155	1P	Park Street	French River	0	2	0		2		1	5	
15-01	SD 57	1P	Maple Ln	Quinatissett Brook	0	2	0		1		1	4	
15-03	SD 59	1P	Chase Rd	Quinatissett Brook	0	2	0		1		2	5	
15-04	SD 60	1P	Chase Rd	Quinatissett Brook	0	2	0		1		1	4	
15-06	SD 64	1P	Quaddick Rd	Quinatissett Brook	0	2	0		1		1	4	
18-01	SD 1	1P	Old Route 12	French River	0	2	0		1		1	4	
18-02	SD 46	1P	West Thompson Rd	Wheatons Brook	2	2	0		1		1	6	
18-04	SD 51	1P	Azud Rd	Quinebaug River	2	2	0		1		1	6	
18-05	SD 52	1P	Azud Rd	Quinebaug River	2	2	0		1		1	6	

Table 6-1 CATCHMENT ASSESSMENT AND PRIORITY RANKING MATRIX													Priority Ranking (7) 1 - problem 2 - high priority 3 - low priority 4 - excluded	
						Within Priority area with DCIA > 11%, urbanized, or impaired water body	Discharging To Area of Concern to Public Health (2)			Previous				
				Receiving Water Quality (1)				Connectivity level (3)	Density of Generating Sites (4)	Screening Indicated Sewage (5)	System Vulnerability Factor (6)			
New Id #	Old Id #	Type	Street	Receiving Water Body								Score		
18-06	SD 53	1P	Azud Rd	Quinebaug River	2	2	0		1		1	6		
18-07	SD 54	1P	Azud Rd	Quinebaug River	2	2	0		1		1	6		
18-08	SD 112	1P	Church Street	Quinebaug River	2	2	0		1		1	6		
18-09	SD 113	1P	Oak Hill Dr	Quinebaug River	2	2	0		1		1	6		
18-10	SD 124	1P	Oak Hill Dr	Quinebaug River	2	2	0		1		1	6		
18-11	SD 125	1P	Oak Hill Dr	Quinebaug River	2	2	0		1		1	6		
18-12	SD 128	1P	Messier Road	Wheatons Brook	2	2	0		1		1	6		
19-01	SD 55	1P	Ballard Rd	French River	2	2	0		1		1	6		
1-01	SD 11	2N	Fabyan Road	Quinebaug River	0	0	0		1		1	2		
1-02	SD 12	2N	Fabyan Road	Quinebaug River	0	0	0		1		1	2		
1-03	SD 23	2N	Fabyan Woodstock	Quinebaug River	0	0	0		1		1	2		
1-04	SD 25	2N	Fabyan Woodstock	Quinebaug River	0	0	0		1		1	2		
1-05	SD 27	2N	Fabyan Road	Quinebaug River	0	0	0		1		1	2		
1-06	SD 28	2N	Fabyan Road	Quinebaug River	0	0	0		1		2	3		
1-07	SD 29	2N	Fabyan Road	Quinebaug River	0	0	0		1		1	2		
1-08	SD 30	2N	Parker Road	Quinebaug River	0	0	0		1		1	2		
2-01	SD 114	2N	Ryler Court	French River	0	0	0		1		0	1		
2-02	SD 115	2N	Wilsonville Rd	French River	0	0	0		1		2	3		
2-03	SD 117	2N	Fairway Dr	French River	0	0	0		1		0	1		
3-02	SD 96	2N	Wilsonville Rd	Five Mile River	0	0	0		1		1	2		
3-06	SD 116	2N	Wilsonville Rd	Long Branch	0	0	0		1		1	2		
3-07	SD 153	2N	Lowell Davis Road	Stoud Brook	0	0	0		1		1	2		
4-04	SD 37	2N	Meadow Drive	Five Mile River	0	0	0		1		1	2		
4-06	SD 39	2N	Sand Dam Road	Five Mile River	0	0	0		1		1	2		
4-07	SD 40	2N	Orchard Drive	Five Mile River	0	0	0		1		1	2		
4-09	SD 44	2N	Sunny Side Drive	Five Mile River	0	2	0		1		1	4		
4-10	SD 45	2N	Sand Dam Road	Five Mile River	0	0	0		1		1	2		
4-11	SD 81	2N	New Rd	Five Mile River	0	0	0		1		1	2		
5-01	SD 8	2N	Fabyan Road	Quinebaug River	0	0	0		1		1	2		
5-02	SD 9	2N	Fabyan Road	Quinebaug River	0	0	0		1		1	2		
5-03	SD 10	2N	Fabyan Road	Quinebaug River	0	0	0		1		1	2		
5-04	SD 26	2N	Fabyan Woodstock	Quinebaug River	0	0	0		1		1	2		
6-02	SD 122	2N	Cortis Rd	Backwater Brook	0	0	0		1		1	2		
7-03	SD 95	2N	Jason Heights	Janson Brook	0	0	0		1		1	2		
7-06	SD 102	2N	Heritage Circle	Baptist Brook	0	0	0		1		0	1		
8-01	SD 43	2N	Porter Plain Road	Five Mile River	0	0	0		1		1	2		
8-02	SD 76	2N	Quaddick Town Farm	Five Mile River	0	0	0		1		1	2		
8-03	SD 77	2N	Quaddick Town Farm	Five Mile River	0	0	0		1		1	2		
8-04	SD 78	2N	Quaddick Town Farm	Five Mile River	0	0	0		1		1	2		
8-05	SD 79	2N	East Thompson Rd	Five Mile River	0	0	0		1		1	2		
8-06	SD 80	2N	East Thompson Rd	Five Mile River	0	0	0		1		1	2		

Table 6-1 CATCHMENT ASSESSMENT AND PRIORITY RANKING MATRIX													Priority Ranking (7) 1 - problem 2 - high priority 3 - low priority 4 - excluded
						Within Priority area with DCIA > 11%, urbanized, or impaired water body	Discharging To Area of Concern to Public Health (2)			Previous Screening Indicated Sewage (5)	System Vulnerability Factor (6)		
				Receiving Water Quality (1)				Connectivity level (3)	Density of Generating Sites (4)				
New Id #	Old Id #	Type	Street	Receiving Water Body								Score	
8-07	SD 89	2N	Lehtinen Rd	Five Mile River	0	0	0		1		1	2	
8-08	SD 90	2N	Richard Bennett Ln	Five Mile River	0	0	0		1		1	2	
8-09	SD 91	2N	East Thompson Rd	Five Mile River	0	0	0		1		1	2	
9-01	SD 5	2N	Ravenelle Road	Quinebaug River	0	0	0		1		2	3	
9-02	SD 6	2N	Ravenelle Road	Quinebaug River	0	0	0		1		2	3	
9-03	SD 7	2N	Fabyan Road	Quinebaug River	0	0	0		1		1	2	
10-14	SD 123	2N	Mountain Hill Rd	Backwater Brook	0	0	0		1		2	3	
11-01	SD 69	2N	Brandy Hill Rd	Five Mile River	0	0	0		1		1	2	
11-02	SD 82	2N	East Thompson Rd	Five Mile River	0	0	0		1		1	2	
11-03	SD 108	2N	Pasay Rd	French River	0	0	0		1		1	2	
12-01	SD 67	2N	Brandy Hill Rd	Five Mile River	0	0	0		1		1	2	
12-02	SD 68	2N	Brandy Hill Rd	Five Mile River	0	0	0		1		1	2	
12-03	SD 70	2N	Gawron Rd	Five Mile River	0	0	0		1		1	2	
12-04	SD 75	2N	Quaddick Town Farm	Five Mile River	0	0	0		1		1	2	
12-05	SD 83	2N	East Thompson Rd	Five Mile River	0	0	0		1		1	2	
12-06	SD 84	2N	Alm Rd	Janson Brook	0	0	0		1		1	2	
12-07	SD 85	2N	East Thompson Rd	Janson Brook	0	0	0		1		1	2	
12-08	SD 86	2N	East Thompson Rd	Five Mile River	0	0	0		1		1	2	
12-09	SD 87	2N	Spicer Rd	Five Mile River	0	0	0		1		1	2	
12-10	SD 88	2N	Logans Lane	Five Mile River	0	0	0		1		0	1	
12-11	SD 155	2N	East Thompson Rd	Janson Brook	0	0	0		1		1	2	
14-01	SD 3	2N	Ravenelle Road	Quinebaug River	0	0	0		1		1	2	
14-02	SD 4	2N	Ravenelle Road	Quinebaug River	0	0	0		1		2	3	
14-05	SD 140	2N	Gaymond Road	Quinebaug River	0	0	0		1		2	3	
14-06	SD 141	2N	Gaymond Road	Quinebaug River	0	0	0		1		2	3	
15-02	SD 58	2N	Paula Ln	French River	0	0	0		1		1	2	
15-05	SD 63	2N	Quaddick Rd	Five Mile River	0	0	0		1		1	2	
16-01	SD 65	2N	Oleary Rd	Five Mile River	0	0	0		1		1	2	
16-02	SD 66	2N	Brandy Hill Rd	Five Mile River	0	0	0		1		2	3	
16-03	SD 74	2N	Quaddick Town Farm	Five Mile River	0	0	0		1		1	2	
18-03	SD 47	2N	West Thompson Rd	Little River	0	0	0		1		1	2	
19-02	SD 56	2N	Robbins Rd	French River	0	0	0		1		1	2	
20-01	SD 61	2N	Hill Rd	Five Mile River	0	0	0		1		1	2	
20-02	SD 62	2N	Quaddick Rd	Five Mile River	0	0	0		1		1	2	
20-03	SD 71	2N	Lakeside Dr	Five Mile River	0	0	3		1		1	5	
20-04	SD 72	2N	Quaddick Town Farm	Five Mile River	0	0	0		1		1	2	
20-05	SD 73	2N	Quaddick Town Farm	Five Mile River	0	0	0		1		1	2	
	SD 92		Lowell Davis Road	Knowlton Brook	0	0	0		1		1	2	

[illegible]

[illegible]

MS4 2018 Annual Report

Appendix D

Table 8-1 OUTFALL CATCHMENT SYSTEM VULNERABILITY FACTOR (SVF) INVENTORY

							Sanitary and Stormdrain Infrastructure	Septic System Areas of Concern	System Vulnerability Factor SVF Score = number of Yes Answers	
New Id #	Old Id #	Street	Receiving Water Body	History of SSO's (1)	Increased SSO Potential (2)	Sanitary Infrastructure Defects (3)	> 40 years old (4)			
1-01	SD 11	Fabyan Road	Quinebaug River	No	N/A	N/A	Yes	No	1	
1-02	SD 12	Fabyan Road	Quinebaug River	No	N/A	N/A	Yes	No	1	
1-03	SD 23	Fabyan Woodstock	Quinebaug River	No	N/A	N/A	Yes	No	1	
1-04	SD 25	Fabyan Woodstock	Quinebaug River	No	N/A	N/A	Yes	No	1	
1-05	SD 27	Fabyan Road	Quinebaug River	No	N/A	N/A	Yes	No	1	
1-06	SD 28	Fabyan Road	Quinebaug River	No	N/A	N/A	Yes	Yes	2	
1-07	SD 29	Fabyan Road	Quinebaug River	No	N/A	N/A	Yes	No	1	
1-08	SD 30	Parker Road	Quinebaug River	No	N/A	N/A	Yes	No	1	
1-09	SD 31	Poulin Drive	Quinebaug River	No	N/A	N/A	Yes	Yes	2	
1-10	SD 32	Leo Circle	Quinebaug River	No	N/A	N/A	Yes	Yes	2	
1-11	SD 33	Walker Drive	Quinebaug River	No	N/A	N/A	Yes	Yes	2	
1-12	SD 48	Green Acres Ln.	Quinebaug River	No	N/A	N/A	Yes	Yes	2	
1-13	SD 49	Green Acres Ln.	Quinebaug River	No	N/A	N/A	Yes	Yes	2	
1-14	SD 50	Linda Ln.	Quinebaug River	No	N/A	N/A	Yes	Yes	2	
2-01	SD 114	Ryler Court	French River	No	N/A	N/A	No	No	0	
2-02	SD 115	Wilsonville Rd	French River	No	N/A	N/A	Yes	Yes	2	
2-03	SD 117	Fairway Dr	French River	No	N/A	N/A	No	No	0	
2-04	SD 121	Tuft Rd	Shunway Brook	No	N/A	N/A	Yes	No	1	
3-01	SD 42	Laurel Wood Drive	Five Mile River	No	N/A	N/A	Yes	Yes	2	
3-02	SD 96	Wilsonville Rd	Five Mile River	No	N/A	N/A	Yes	No	1	
3-03	SD 97	Wagher Rd	Long Branch	No	N/A	N/A	Yes	No	1	
3-04	SD 98	Labby Rd	Long Branch	No	N/A	N/A	Yes	No	1	
3-05	SD 99	Dennis Dr	French River	No	N/A	N/A	Yes	Yes	2	
3-06	SD 116	Wilsonville Rd	Long Branch	No	N/A	N/A	Yes	No	1	
3-07	SD 153	Lowell Davis Road	Stoud Brook	No	N/A	N/A	Yes	No	1	
4-01	SD 34	Sand Dam Road	Five Mile River	No	N/A	N/A	Yes	No	1	
4-02	SD 35	Oakwood Drive	Five Mile River	No	N/A	N/A	Yes	No	1	
4-03	SD 36	Shady Lane	Five Mile River	No	N/A	N/A	Yes	No	1	
4-04	SD 37	Meadow Drive	Five Mile River	No	N/A	N/A	Yes	No	1	
4-05	SD 38	Sand Dam Road	Five Mile River	No	N/A	N/A	Yes	No	1	
4-06	SD 39	Sand Dam Road	Five Mile River	No	N/A	N/A	Yes	No	1	
4-07	SD 40	Orchard Drive	Five Mile River	No	N/A	N/A	Yes	No	1	
4-08	SD 41	Jezierski Lane	Five Mile River	No	N/A	N/A	Yes	Yes	2	
4-09	SD 44	Sunny Side Drive	Five Mile River	No	N/A	N/A	Yes	No	1	
4-10	SD 45	Sand Dam Road	Five Mile River	No	N/A	N/A	Yes	No	1	
4-11	SD 81	New Rd	Five Mile River	No	N/A	N/A	Yes	No	1	

Table 8-1 OUTFALL CATCHMENT SYSTEM VULNERABILITY FACTOR (SVF) INVENTORY									
				History	Increased	Sanitary	Sanitary and	Septic	System
				of	SSO	Infrastructure	Stormdrain	System	Vulnerability Factor
			Receiving	SSO's (1)	Potential (2)	Defects (3)	Infrastructure	Areas of	SVF Score =
New Id #	Old ID #	Street	Water Body				> 40 years old (4)	Concern (5)	number of
									Yes Answers
5-01	SD 8	Fabyan Road	Quinebaug River	No	N/A	N/A	Yes	No	1
5-02	SD 9	Fabyan Road	Quinebaug River	No	N/A	N/A	Yes	No	1
5-03	SD 10	Fabyan Road	Quinebaug River	No	N/A	N/A	Yes	No	1
5-04	SD 26	Fabyan Woodstock	Quinebaug River	No	N/A	N/A	Yes	No	1
6-01	SD 15	Buckley Hill Road	French River	No	No	No	Yes	N/A	1
6-02	SD 122	Cortis Rd	Backwater Brook	No	N/A	N/A	Yes	No	1
6-03	SD 154	Pompeo Road	French River	No	N/A	N/A	Yes	No	1
7-01	SD 93	Emil Dr	Five Mile River	No	N/A	N/A	Yes	No	1
7-02	SD 94	Emil Dr	Five Mile River	No	N/A	N/A	Yes	No	1
7-03	SD 95	Jason Heights	Janson Brook	No	N/A	N/A	Yes	No	1
7-04	SD 100	Paysay Rd	Stoud Brook	No	N/A	N/A	Yes	No	1
7-05	SD 101	Stawicki Rd	Stoud Brook	No	N/A	N/A	Yes	No	1
7-06	SD 102	Heritage Circle	Baptist Brook	No	N/A	N/A	No	No	0
7-07	SD 103	Stawicki Rd	Stoud Brook	No	N/A	N/A	Yes	No	1
7-08	SD 104	Stawicki Rd	Stoud Brook	No	N/A	N/A	Yes	No	1
7-09	SD 106	Stawicki Rd	French River	No	N/A	N/A	Yes	No	1
7-10	SD 107	Stawicki Rd	French River	No	N/A	N/A	Yes	No	1
7-11	SD 118	Pompeo Rd	Stoud Brook	No	N/A	N/A	Yes	No	1
7-12	SD 119	Pompeo Rd	Stoud Brook	No	N/A	N/A	Yes	No	1
8-01	SD 43	Porter Plain Road	Five Mile River	No	N/A	N/A	Yes	No	1
8-02	SD 76	Quaddick Town Farm Rd	Five Mile River	No	N/A	N/A	Yes	No	1
8-03	SD 77	Quaddick Town Farm Rd	Five Mile River	No	N/A	N/A	Yes	No	1
8-04	SD 78	Quaddick Town Farm Rd	Five Mile River	No	N/A	N/A	Yes	No	1
8-05	SD 79	East Thompson Rd	Five Mile River	No	N/A	N/A	Yes	No	1
8-06	SD 80	East Thompson Rd	Five Mile River	No	N/A	N/A	Yes	No	1
8-07	SD 89	Lehtinen Rd	Five Mile River	No	N/A	N/A	Yes	No	1
8-08	SD 90	Richard Bennett Ln	Five Mile River	No	N/A	N/A	Yes	No	1
8-09	SD 91	East Thompson Rd	Five Mile River	No	N/A	N/A	Yes	No	1
9-01	SD 5	Ravenelle Road	Quinebaug River	No	N/A	N/A	Yes	Yes	2
9-02	SD 6	Ravenelle Road	Quinebaug River	No	N/A	N/A	Yes	Yes	2
9-03	SD 7	Fabyan Road	Quinebaug River	No	N/A	N/A	Yes	No	1
10-01	SD 2	Main Street	French River	No	No	No	Yes	N/A	1
10-02	SD 14	Rachel Drive	Stoud Brook	No	No	No	Yes	N/A	1
10-03	SD 16	Marshall Lane	French River	No	No	No	Yes	N/A	1
10-04	SD 17	Marshall Lane	French River	No	No	No	Yes	N/A	1
10-05	SD 18	Walker Street	French River	No	No	No	Yes	N/A	1

Table 8-1 OUTFALL CATCHMENT SYSTEM VULNERABILITY FACTOR (SVF) INVENTORY									
				History of SSO's (1)	Increased SSO Potential (2)	Sanitary Infrastructure Defects (3)	Sanitary and Stormdrain Infrastructure > 40 years old (4)	Septic System Areas of Concern (5)	System Vulnerability Factor SVF Score = number of Yes Answers
New Id #	Old ID #	Street	Receiving Water Body						
10-06	SD 19	Walker Street	French River	No	No	No	Yes	N/A	1
10-07	SD 21	Main Street	French River	No	No	No	Yes	N/A	1
10-08	SD 22	Rachel Drive	Sunset Hill Brook	No	No	No	Yes	N/A	1
10-09	SD 24	Murolo Road	Stoud Brook	No	N/A	N/A	Yes	No	1
10-10	SD 105	Valley Rd	Stoud Brook	No	N/A	N/A	Yes	No	1
10-11	SD 110	Buckley Hill Road	Stoud Brook	No	N/A	N/A	Yes	No	1
10-12	SD 111	Buckley Hill Road	Stoud Brook	No	N/A	N/A	Yes	No	1
10-13	SD 120	Pompeo Rd	Stoud Brook	No	N/A	N/A	Yes	No	1
10-14	SD 123	Mountain Hill Rd	Backwater Brook	No	N/A	N/A	Yes	Yes	2
10-15	SD 127	Mason Terr.	French River	No	No	No	Yes	N/A	1
10-16	SD 129	Murolo Road	Stoud Brook	No	N/A	N/A	Yes	No	1
10-17	SD 130	Buckley Hill Road	French River	No	N/A	N/A	Yes	No	1
10-18	SD 131	Buckley Hill Road	French River	No	No	No	Yes	N/A	1
10-19	SD 132	Buckley Hill Road	French River	No	No	No	Yes	N/A	1
10-20	SD 133	Rawson Road	French River	No	No	No	Yes	N/A	1
10-21	SD 134	Blain Road	French River	No	N/A	N/A	Yes	No	1
10-22	SD 135	Reardon Road	French River	No	N/A	N/A	Yes	No	1
10-23	SD 136	Reardon Road	French River	No	N/A	N/A	Yes	No	1
10-24	SD 137	Reardon Road	French River	No	No	No	Yes	N/A	1
10-25	SD 138	Ravenelle Street	French River	No	No	No	Yes	N/A	1
10-26	SD 139	Gaymond Road	French River	No	N/A	N/A	Yes	No	1
10-27	SD 147	School Street	Backwater Brook	No	No	No	Yes	N/A	1
10-28	SD 148	Whittemore Street	French River	No	No	No	Yes	N/A	1
10-29	SD 150	Reardon Road	French River	No	N/A	N/A	Yes	No	1
10-30	SD 151	Red Bridge Road	French River	No	No	Yes	Yes	N/A	2
10-31	SD 152	Rawson Road	French River	No	No	No	Yes	N/A	1
10-32	SD 109	Buckley Hill Road	Stoud Brook	No	N/A	N/A	Yes	No	1
10-33	SD 20	Walker Street	French River	No	No	No	Yes	N/A	1
11-01	SD 69	Brandy Hill Rd	Five Mile River	No	N/A	N/A	Yes	No	1
11-02	SD 82	East Thompson Rd	Five Mile River	No	N/A	N/A	Yes	No	1
11-03	SD 108	Pasay Rd	French River	No	N/A	N/A	Yes	No	1
12-01	SD 67	Brandy Hill Rd	Five Mile River	No	N/A	N/A	Yes	No	1
12-02	SD 68	Brandy Hill Rd	Five Mile River	No	N/A	N/A	Yes	No	1
12-03	SD 70	Gawron Rd	Five Mile River	No	N/A	N/A	Yes	No	1
12-04	SD 75	Quaddick Town Farm Rd	Five Mile River	No	N/A	N/A	Yes	No	1
12-05	SD 83	East Thompson Rd	Five Mile River	No	N/A	N/A	Yes	No	1

Table 8-1 OUTFALL CATCHMENT SYSTEM VULNERABILITY FACTOR (SVF) INVENTORY										
				History of	Increased SSO	Sanitary Infrastructure	Sanitary and Stormdrain Infrastructure	Septic System Areas of	System Vulnerability Factor	
New Id #	Old ID #	Street	Receiving Water Body	SSO's (1)	Potential (2)	Defects (3)	> 40 years old (4)	Concern (5)	SVF Score = number of	
									Yes Answers	
12-06	SD 84	Alm Rd	Janson Brook	No	N/A	N/A	Yes	No	1	
12-07	SD 85	East Thompson Rd	Janson Brook	No	N/A	N/A	Yes	No	1	
12-08	SD 86	East Thompson Rd	Five Mile River	No	N/A	N/A	Yes	No	1	
12-09	SD 87	Spicer Rd	Five Mile River	No	N/A	N/A	Yes	No	1	
12-10	SD 88	Logans Lane	Five Mile River	No	N/A	N/A	No	No	0	
12-11	SD 155	East Thompson Rd	Janson Brook	No	N/A	N/A	Yes	No	1	
14-01	SD 3	Ravenelle Road	Quinebaug River	No	N/A	N/A	Yes	No	1	
14-02	SD 4	Ravenelle Road	Quinebaug River	No	N/A	N/A	Yes	No	1	
14-03	SD 13	Klondike Street	Sunset Hill Brook	No	No	No	Yes	N/A	1	
14-04	SD 126	Reardon Road	French River	No	N/A	N/A	Yes	No	1	
14-05	SD 140	Gaymond Road	Quinebaug River	No	N/A	N/A	Yes	Yes	2	
14-06	SD 141	Gaymond Road	Quinebaug River	No	N/A	N/A	Yes	Yes	2	
14-07	SD 142	Gaymond Road	Quinebaug River	No	N/A	N/A	Yes	Yes	2	
14-08	SD 143	Gaymond Road	Quinebaug River	No	N/A	N/A	Yes	Yes	2	
14-09	SD 144	Seastrand Road	Quinebaug River	No	N/A	N/A	Yes	No	1	
14-10	SD 145	Blain Road	French River	No	N/A	N/A	Yes	No	1	
14-11	SD 146	Reardon Road	French River	No	N/A	N/A	Yes	No	1	
14-12	SD 149	Gaymond Road	Quinebaug River	No	N/A	N/A	Yes	Yes	2	
14-13	SD 155	Park Street	French River	No	N/A	No	Yes	N/A	1	
15-01	SD 57	Maple Ln	Quinatissett Brook	No	N/A	N/A	Yes	No	1	
15-02	SD 58	Paula Ln	Quinatissett Brook	No	N/A	N/A	Yes	Yes	2	
15-03	SD 59	Chase Rd	Quinatissett Brook	No	N/A	N/A	Yes	Yes	2	
15-04	SD 60	Chase Rd	Quinatissett Brook	No	N/A	N/A	Yes	No	1	
15-05	SD 63	Quaddick Rd	Five Mile River	No	N/A	N/A	Yes	No	1	
15-06	SD 64	Quaddick Rd	Quinatissett Brook	No	N/A	N/A	Yes	No	1	
16-01	SD 65	Oleary Rd	Five Mile River	No	N/A	N/A	Yes	No	1	
16-02	SD 66	Brandy Hill Rd	Five Mile River	No	N/A	N/A	Yes	No	1	
16-03	SD 74	Quaddick Town Farm Rd	Five Mile River	No	N/A	N/A	Yes	Yes	2	
18-01	SD 1	Old Route 12	French River	No	No	No	Yes	N/A	1	
18-02	SD 46	West Thompson Rd	Wheatons Brook	No	N/A	N/A	Yes	No	1	
18-03	SD 47	West Thompson Rd	Little River	No	N/A	N/A	Yes	No	1	
18-04	SD 51	Azud Rd	Quinebaug River	No	N/A	N/A	Yes	No	1	
18-05	SD 52	Azud Rd	Quinebaug River	No	N/A	N/A	Yes	No	1	
18-06	SD 53	Azud Rd	Quinebaug River	No	N/A	N/A	Yes	No	1	
18-07	SD 54	Azud Rd	Quinebaug River	No	N/A	N/A	Yes	No	1	
18-08	SD 112	Church Street	Quinebaug River	No	N/A	N/A	Yes	No	1	

Table 8-1 OUTFALL CATCHMENT SYSTEM VULNERABILITY FACTOR (SVF) INVENTORY									
							Sanitary and	Septic	System
				History	Increased	Sanitary	Stormdrain	System	Vulnerability Factor
			Receiving	of	SSO	Infrastructure	Infrastructure	Areas of	SVF Score =
New Id #	Old ID #	Street	Water Body	SSO's (1)	Potential (2)	Defects (3)	> 40 years old (4)	Concern (5)	number of
									Yes Answers
18-09	SD 113	Oak Hill Dr	Quinebaug River	No	N/A	N/A	Yes	No	1
18-10	SD 124	Oak Hill Dr	Wheatons Brook	No	N/A	N/A	Yes	No	1
18-11	SD 125	Oak Hill Dr		No	N/A	N/A	Yes	No	1
18-12	SD 128	Messier Road	Wheatons Brook	No	N/A	N/A	Yes	No	1
19-01	SD 55	Ballard Rd	French River	No	N/A	N/A	Yes	No	1
19-02	SD 56	Robbins Rd	French River	No	N/A	N/A	Yes	No	1
20-01	SD 61	Hill Rd	Five Mile River	No	N/A	N/A	Yes	No	1
20-02	SD 62	Quaddick Rd	Five Mile River	No	N/A	N/A	Yes	Yes	1
20-03	SD 71	Lakeside Dr	Five Mile River	No	N/A	N/A	Yes	Yes	1
20-04	SD 72	Quaddick Town Farm Rd	Five Mile River	No	N/A	N/A	Yes	Yes	1
20-05	SD 73	Quaddick Town Farm Rd	Five Mile River	No	N/A	N/A	Yes	Yes	1
	SD 92	Lowell Davis Road	Knowlton Brook	No	N/A	N/A	Yes	No	1
Abbreviations:									
		SSO = Sanitary Sewer Overflow							
		(1) History of SSO's including, but not limited to, those resulting from wet weather, high water table,or fat/oil/grease blockages							
		(2) Increased potential for SSO's due to common trench construction, storm/sanitary pipe crossings where sanitary system is above the storm drain system, sanitary sewer alignments constructed with underdrains, inadequate sewer line capacity.							
		(3) Sanitary 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							
		(4) Any sanitary sewer and storm drain infrastructure greater than 40 years old							
		(5) Septic systems in areas with failures or limited suitability for subsurface sewage disposal such as small lots, high groundwater, shallow ledge, etc.							

MS4 2018 Annual Report

Appendix E



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D8L2157

Town of Thompson

Selectman
815 Riverside Drive
North Grosvenordale, CT 06255

Project Name: Stormwater

Project / PO Number: N/A
Received: 12/21/2018
Reported: 12/26/2018

Analytical Testing Parameters

Client Sample ID: **BWB-01**
Sample Matrix: **Wastewater**
Lab Sample ID: **D8L2157-01**

Collected By: **Customer**
Collection Date: **12/21/2018 8:11**

Microbiology	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM9223 B-1997							
Total Coliform	488.4	1	MPN/100 mL		12/21/18 1556	12/22/18 1758	ARM
Escherichia coli	5.2	1	MPN/100 mL		12/21/18 1556	12/22/18 1758	ARM

Client Sample ID: **SD-112**
Sample Matrix: **Wastewater**
Lab Sample ID: **D8L2157-02**

Collected By: **Customer**
Collection Date: **12/21/2018 8:43**

Microbiology	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM9223 B-1997							
Total Coliform	> 2419.6		MPN/100 mL		12/21/18 1556	12/22/18 1758	ARM
Escherichia coli	7.4	1	MPN/100 mL		12/21/18 1556	12/22/18 1758	ARM

Client Sample ID: **SD-128**
Sample Matrix: **Wastewater**
Lab Sample ID: **D8L2157-03**

Collected By: **Customer**
Collection Date: **12/21/2018 8:58**

Microbiology	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM9223 B-1997							
Total Coliform	> 2419.6		MPN/100 mL		12/21/18 1556	12/22/18 1758	ARM
Escherichia coli	33.1	1	MPN/100 mL		12/21/18 1556	12/22/18 1758	ARM

Client Sample ID: **SD-46**
Sample Matrix: **Wastewater**
Lab Sample ID: **D8L2157-04**

Collected By: **Customer**
Collection Date: **12/21/2018 9:05**

Microbiology	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM9223 B-1997							
Total Coliform	> 2419.6		MPN/100 mL		12/21/18 1556	12/22/18 1758	ARM
Escherichia coli	261.3	1	MPN/100 mL		12/21/18 1556	12/22/18 1758	ARM

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Page 1 of 3



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D8L2157

Client Sample ID:	SD-47	Collected By:	Customer
Sample Matrix:	Wastewater	Collection Date:	12/21/2018 9:12
Lab Sample ID:	D8L2157-05		

Microbiology	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM9223 B-1997							
Total Coliform	> 2419.6		MPN/100 mL		12/21/18 1556	12/22/18 1758	ARM
Escherichia coli	307.6	1	MPN/100 mL		12/21/18 1556	12/22/18 1758	ARM

Definitions

RL: Reporting Limit

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville
PH-0465

Connecticut Department of Public Health

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included.

Reviewed and Approved By:

Melisa L. Montgomery

QA Officer

Reported: 12/26/2018 11:15

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Page 2 of 3



08L2157
Thompson, Town of

CHAIN OF CUSTODY RECORD

Number

Instructions on back:

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)
Therm ID

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Report Type
[X] Results Only [] Level 1 [] Level 2 [] Level 3 [] Level 4 [] EDD

Lab Report Address Inv

Client Name: Town of Thompson Cli

Address: 815 Riverside Drive Address:

City, State, Zip: No Grosvenordale, CT 06255 City, State, Zip:

Contact: Ken Beausoleil Contact:

Telephone No.: 860-923-9561 Telephone No.:

Send Report via: [X] Mail [] Fax [] e-mail (address)

Send Invoice via: [X] Mail [] Fax [] e-mail (address)

Project: MS-4 Location: Town-wide PO No.: 118393 Compliance Monitoring? [] Yes [] No
() Agency/Program

Sampled by (PRINT): Judy Rondeau/Eastern CT
Conservation District

Sampler
Signature

Judy Rondeau

Sampler Phone
No.:

860-774-9600 ext 13

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	E. coli	total coliform	Additional Notes
	BWB-01	12/21/18	8:11 AM	1	SW	Grab	U	X	X	
	SD-56			1	SW	Grab	U	X	X	
	SD-112	12/21/18	8:43 AM	1	SW	Grab	U	X	X	
	SD-128	12/21/18	8:50 AM	1	SW	Grab	U	X	X	
	SD-48 SD-46	12/21/18	9:05 AM	1	SW	Grab	U	X	X	
	SD-47	12/21/18	9:12 AM	1	SW	Grab	U	X	X	

Possible Hazard Identification
Comments

[] Hazardous [X] Non-Hazardous [] Radioactive

Sample Disposition [X] Dispose as appropriate [] Return [] Archive

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

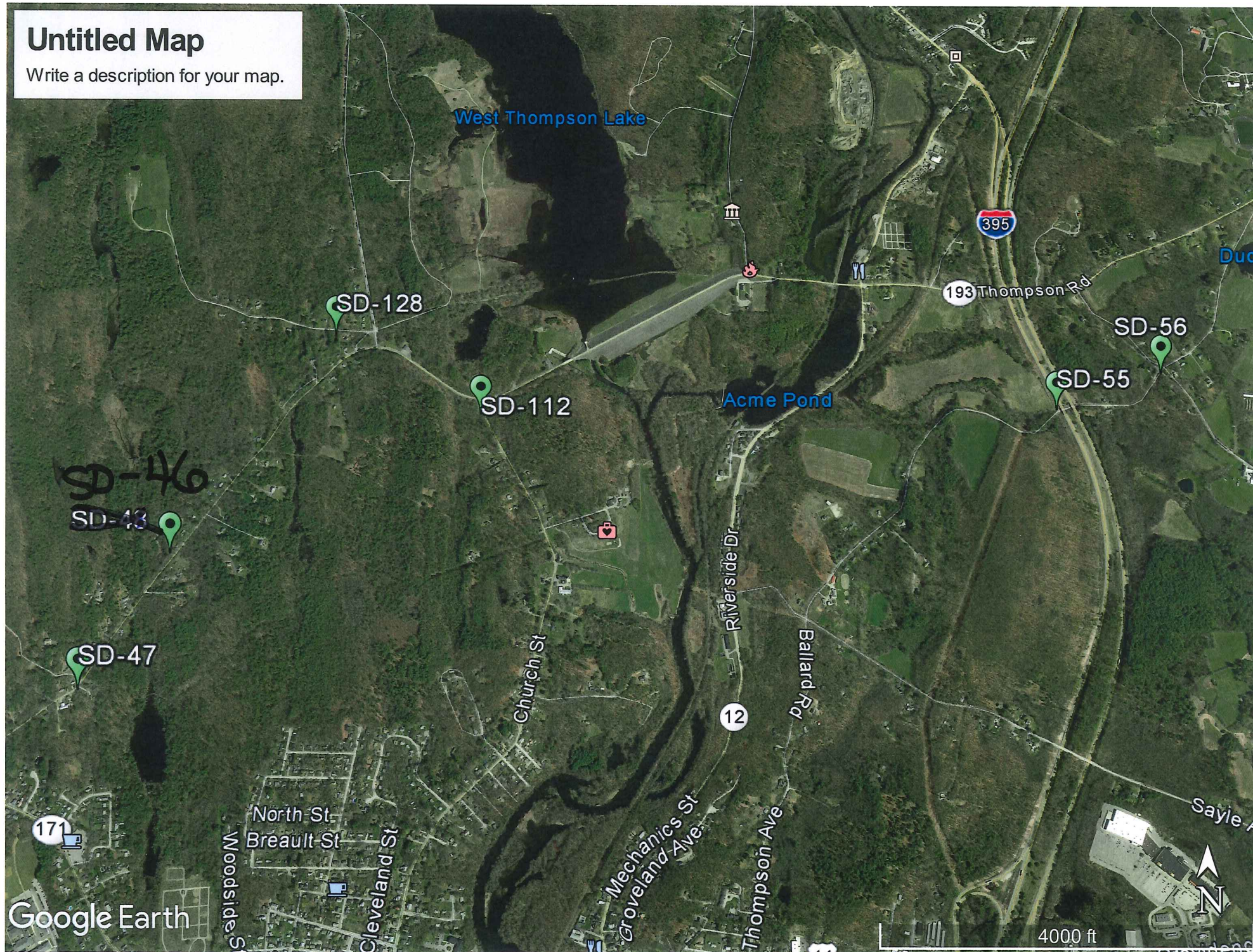
4.10c

12/21/18 10:10 AM

12-21-18 10:10

Untitled Map

Write a description for your map.





Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D8K1110

Revised Report: Corrected -03
sample ID.

Town of Thompson
Selectman
815 Riverside Drive
North Grosvenordale, CT 06255

Project Name: Stormwater
Project / PO Number: N/A
Received: 11/09/2018
Reported: 11/19/2018

Analytical Testing Parameters

Client Sample ID: SD134-01
Sample Matrix: Wastewater
Lab Sample ID: D8K1110-01

Collected By: Customer
Collection Date: 11/09/2018 15:10

Microbiology	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM9223 B-1997							
Escherichia coli	2	1	MPN/100 mL		11/09/18 1806	11/10/18 1840	ARM

Client Sample ID: SD134-02
Sample Matrix: Wastewater
Lab Sample ID: D8K1110-02

Collected By: Customer
Collection Date: 11/09/2018 15:11

Inorganics	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 350.1, Rv 2.0							
Ammonia as N	0.451	0.0500	mg/L		11/14/18 0958	11/15/18 1321	CLW

Client Sample ID: SD134-03
Sample Matrix: Wastewater
Lab Sample ID: D8K1110-03

Collected By: Customer
Collection Date: 11/09/2018 15:12

Inorganics	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Wet Chem - W/SM2510 B-2011							
Conductivity at 25°C	386	1.00	umhos/cm			11/13/18 1632	JEO
Method: Wet Chem - W/SM2520 D-1997							
Salinity	0.152	0.00659	ppt	Y1	11/14/18 0745	11/15/18 1047	CLW
Method: Wet Chem - W/SM4500-Cl G-2011							
Chlorine - Total Residual	<0.05	0.05	mg/L	H		11/09/18 1940	KJE
Method: Wet Chem - W/SM5540 C-2011							
Surfactants as MBAS (342 g/mol)	<0.0500	0.0500	mg/L LAS			11/09/18 2000	KJE

Definitions

H: Sample was analyzed past holding time.
RL: Reporting Limit
Y1: Accreditation is not offered by the accrediting body for this analyte.

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Page 1 of 3



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CERTIFICATE OF ANALYSIS

D8K1110

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville
PH-0465

Connecticut Department of Public Health

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included.

Reviewed and Approved By:

Melisa L. Montgomery

QA Officer

Reported: 11/19/2018 17:32

Microbac Laboratories, Inc.

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Page 2 of 3



CHAIN OF CUSTODY RECORD

Lab Report Address

Client Name: Town of Thompson

Client name: Same

to 7 business days)
[] RUSH* (notify lab)

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)
Therm ID

Address: 815 Riverside Drive

Address:

Holding Time

City, State, Zip: No Grosvenordale, CT 06255

City, State, Zip:

(needed by)

Samples Received on Ice? Yes No N/A

Contact: Ken Beausoleil

Contact:

Report Type

Custody Seals Intact? Yes No N/A

Telephone No.: 860-923-9561

Telephone No.:

[X] Results Only [] Level 1 [] Level 2 [] Level 3 [] Level 4 [] EDD

Send Report via: [X] Mail [] Fax [X] e-mail (address)

Invoice via: [X] Mail [] Fax [] e-mail (address)

Project: MS-4 - Dry Weather Initial Outfall Screening

Location: Town-wide

PO No.: 118393

Compliance Monitoring? [] Yes [] No
() Agency/Program

Sampled by (PRINT): Judy Rondeau/Eastern CT Conservation District

Sampler Signature:

Sampler Phone No.:

860-774-9600 ext 13

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Ammonia	Chlorine	Conductivity	Salinity	E. coli	Surfactants	Additional Notes
	SD134-01	11/9/18	3:10pm	1	storm water	Grab	U					X		
	SD134-02	11/9/18	3:11pm	1	"	"	2	X						
	SD134-03	11/9/18	3:12pm	1	"	"	U		X	X	X		X	

Possible Hazard Identification
Comments

[] Hazardous [X] Non-Hazardous [] Radioactive

Sample Disposition [X] Dispose as appropriate [] Return [] Archive

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time