

P

Municipality/Organization: Town of West Springfield

EPA NPDES Permit Number: MA041024

MassDEP Transmittal Number: W-035938

Annual Report Number

& Reporting Period: Year 13 April 1, 2015 – March 31, 2016

NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2016)

Part I. General Information

Contact Person: James J. Czach, P.E.

Title: Assistant Town Engineer

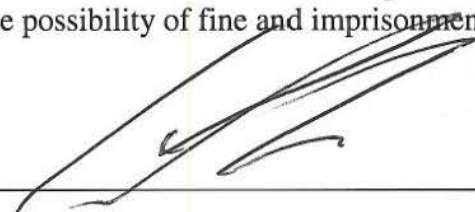
Telephone #: (413) 263-3244

Email: JCzach@West-Springfield.ma.us

Mailing Address: 26 Central Street - Suite 17, West Springfield, MA 01089-2763

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: 

Printed Name: William Reichelt

Title: Mayor

Date: April 29, 2016

Part II. Self-Assessment

The Town of West Springfield has completed the required self-assessment and has determined that our municipality is in compliance with permit conditions where budget and resources allow.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Future Permit
4A Revised	Construction Site Runoff Ordinance	Planning Dept. Build Inspector	Eval Exist Regs Yr 1 Draft Revisions Yr 2 Propose for adoption in Year 3	Landscaping Standards and Parking Lot Stormwater Management Zoning Ordinance Adopted December 2015.	Implementing Ordinance.
4B Revised	Erosion and Sediment Control Plan Review	Planning Dept.	Enforcement under existing Regulations Yr 1-2 Enforcement under adopted ordinance Years 3 to 5	Landscaping Standards and Parking Lot Stormwater Management Zoning Ordinance Adopted December 2015.	Implementing Ordinance.
4C Revised	Inspection Reporting	Conservation Commission	Enforcement under existing Regulations Yr 1-2 Enforcement under adopted ordinance Years 3 to 5	Landscaping Standards and Parking Lot Stormwater Management Zoning Ordinance Adopted December 2015.	Implementing Ordinance.
5A Revised	Post Construction Runoff Ordinance	Planning Dept.	Eval. Exist Std – Yr 1 Draft Revision -Yr 2 Propose Adopt – Yr 3	Landscaping Standards and Parking Lot Stormwater Management Zoning Ordinance Adopted December 2015.	Implementing Ordinance.
5C Revised	Stormwater System Maintenance Plan	Planning Dept.	Enforcement under existing Regulations Yr 1-2 Enforcement under adopted ordinance Years 3 to 5	Landscaping Standards and Parking Lot Stormwater Management Zoning Ordinance Adopted December 2015.	Implementing Ordinance.

Part III. Summary of Minimum Control Measures

1. Public Education and Outreach

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Future Permit
1A	Educational Displays at the DPW Offices	DPW	1 Display in Municipal Building per year (Year 1 to 5)	Stormwater posters have been installed outside of DPW Offices in the Municipal Office Building.	Posters produced by The Connecticut River Stormwater Committee.
Revised					
1B	Classroom Education	DPW	DPW Classroom Presentation (Year 1 to 5)	Fausey School in West Springfield has included stormwater related topics in its curriculum.	Continue to participate in Classroom Educational Programs.
1C	Newspaper Press Release	DPW	Press Release to local newspaper –2 per year (Year 1-5)	Working on developing new Press releases and articles to appear in the West Springfield Record and the Springfield Republican periodically through the calendar year.	Continue press releases and articles for the local newspapers.
Revised					
1D	Local Cable Access	DPW	Show Stormwater Video – 2 per year (Year 1-5)	Working with the Town's local cable access channel to have storm water related videos played periodically as well as public service announcements.	Continue with public service announcements and notices, local environmental programs and lectures.
Revised					
1E	Informational Pamphlets	DPW	Develop Pamphlets and distribute with water bills (Year 1,3,5)	Working on developing new informational pamphlets to be sent out with quarterly water bills.	Working on developing new informational pamphlets to be sent out with quarterly water bills.
Revised					
1F	Open House at Transfer Station	DPW	Publicize and Support Annual Event (Year 1 to 5)	Public Presentations are presented by the Connecticut River Stormwater Committee – Think Blue Campaign.	The town will continue to sponsor programs and lectures which highlight the environment.

1. Public Education and Outreach (Continued)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Future Permit
1G	Community Website	DPW	2 Notices per Year on local “Virtual Town Hall” website (Year 1 to 5)	Working on developing the Town’s website to include new NPDES Web pages with updated information and document the town’s efforts.	The town will continue to work on developing a new web to include NPDES related information and Town efforts.
Revised					

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Future Permit
2A	Adopt a Road	City Council	Support “Townwide Cleanup” activities – Years 1 to 5	Annual “Earth Day Cleanup” activities utilize volunteer groups who help with the cleanup. These groups go along brooks and streams and remove litter and other debris.	The Town will continue to sponsor “Earth Day Cleanup Activities”.
2B	Adopt a Stream	DPW	Maintain Signage identifying stream names sponsored by volunteer groups – Years 1 to 5	During “Earth Day Cleanup” volunteers check the signs that identify the names of streams. The signs are replaced if they are damaged.	The Town will continue to sponsor “Earth Day Cleanup Activities”.
2C	Attitude Surveys	DPW	Include Stormwater Survey on Website – Years 2 & 5	West Springfield is working with the Connecticut River Stormwater Committee.	The Town will continue to work with and support the Connecticut River Stormwater Committee.
Revised					
2D	Community Hotline	DPW	Place DPW phone number on Town Website for reporting of illicit discharges – Years 1 to 5	Continue to post phone numbers on the Town’s Website for reporting stormwater issues.	Continue to post phone numbers on the Town’s Website for reporting stormwater issues.
Revised					
2E	Storm Drain Stenciling	DPW	Recruit volunteers for stenciling anticipated 100 catchbasins per yr	Catch Basin stenciling was performed at the Senior High School. Catch basin grates were also installed at the High School inscribed with stormwater information.	The town will continue to solicit volunteers for catch basin stenciling and investigate catch basin grates inscribed with stormwater information for other locations.
Revised					

2. Public Involvement and Participation (Continued)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Future Permit
2F	Water Quality Monitoring	DPW	Visual Inspection of priority outfalls by volunteers, 10 per yr (Years 2 & 5)	Field inspected 100% of the known 272 mapped outfalls by Tighe & Bond Consulting Engineers.	Continue monitoring of water quality in streams and brooks. DPW and Conservation Commission will work to monitor outfalls.
Revised					
2G	Watershed Committee	WRA	Support Westfield River Association, inform of DPW activities (Year 1 to 5)	The Town of West Springfield supports the activities of the Westfield River Watershed Association in cleaning up of the town's riverbanks.	The Town of West Springfield will continue to support the Westfield Watershed Association.
Revised					
2H	Hazardous Waste Collection	DPW	Publicize annual event collecting Universal Wastes (Year 1 to 5)	Hazardous Waste Collection was conducted on October 24, 2015. 259 Vehicles registered 10 gal - Used Antifreeze 450 gal - Used Oil and Water Mixture 300 gal - Recycled Parts Cleaner and various other materials and products.	The Town of West Springfield will continue to conduct Hazardous Waste Collections in the early fall of each year.
Revised					
2I	Wetlands Planting Remove invasives	DPW	Recruit volunteers for wetlands improvements (Year 1 to 5)	Local volunteer groups help with Earth Day Cleanup. Debris is typically removed from local wetland habitats. Earth Day Cleanup was organized by DPW and Conservation Commission and picked up tons of litter, bulk waste and tires, some with metal rims.	West Springfield will continue to support local conservation groups thru town-sponsored activities and the environmental committee.
Revised					

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any) Tighe & Bond Consulting Engineers for 3A, 3B & 3E	Planned Activities – Future Permit
3A	Mapping Stormwater Outfalls	DPW	Develop map of stormwater outfalls, Year 1 Field inspect, Year 2-5 verify 25% per year	Mapped 100% of outfalls in town focusing first on densely populated areas.	DONE
Revised					
3B	Develop Illicit Discharge Plan	DPW	Evaluate Year 1 Draft Plan Year 2 Propose adoption Yr 3 Implement Yrs. 3 to 5	Simultaneously mapped outfalls and system-wide storm and sewer structures (i.e., catch basins, manholes, pipes) for 100% of town. This will provide accurately located structures to help the town immediately and more easily implement the Illicit Discharge Detection and Elimination Program.	Systematic Cleaning and Inspection of Storm Drainage Piping, catch-basins and Manholes
Revised					
3C	Non- Stormwater Ordinance	Planning Board / DPW	Evaluate Year 1 Draft Plan Year 2 Propose adoption Yr 3 Implement Yrs. 3 to 5	Ordinance was adopted April 19, 2005 It has been implemented	DONE
Revised					
3D	Inform Employees, Businesses, Public	DPW	Publicize Illicit Discharge Plan (Year 3 & 5)	Working towards creating a new stormwater page on the Town's website for stormwater documents the public can access.	Continue working towards creating a new stormwater page on the Town's website for stormwater documents the public can access.
Revised					
3E	Video Inspection	DPW	Conduct as needed in conjunction with BMP #3B (Years 1 to 5)	Kenyon Pipeline	Drain pipes and/or Manholes will be repaired based upon results of this study. Also continue working on integrating this into the Town's annual street resurfacing program.
Revised					

3. Illicit Discharge Detection and Elimination (Continued)

3F	Failing Septic Systems	Board of Health	Keep records for identification of Problem Areas (Years 1 to 5)	Health Department has records of Septic Systems. These are being entered onto the Town's GIS mapping system.	Continue to enter septic system information onto the Town's GIS mapping system
Revised					

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Future Permit
4A	Construction Site Runoff Ordinance	Planning Dept. Build Inspector	Eval Exist Regs Yr 1 Draft Revisions Yr 2 Propose for adoption in Year 3	Landscaping Standards and Parking Lot Stormwater Management Zoning Ordinance Adopted December 2015.	Implementing Ordinance.
Revised					
4B	Erosion and Sediment Control Plan Review	Planning Dept.	Enforcement under existing Regulations Yr 1-2 Enforcement under adopted ordinance Years 3 to 5	Landscaping Standards and Parking Lot Stormwater Management Zoning Ordinance Adopted December 2015.	Implementing Ordinance.
Revised					
4C	Inspection Reporting	Conservation Commission	Enforcement under existing Regulations Yr 1-2 Enforcement under adopted ordinance Years 3 to 5	Landscaping Standards and Parking Lot Stormwater Management Zoning Ordinance Adopted December 2015.	Implementing Ordinance.
Revised					

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

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Future Permit
5A	Post Construction Runoff Ordinance	Planning Dept.	Eval.Exst Stand – Yr 1 Draft Revision – Yr 2 Propose Adopt - Yr 3	Landscaping Standards and Parking Lot Stormwater Management Zoning Ordinance Adopted December 2015.	Implementing Ordinance.
Revised					
5B	Construction Site Plan Review	Planning Dept.	Enforcement under existing Regs Yr 1-2 Enforcement under adopted ordinance Years 3 to 5	Landscaping Standards and Parking Lot Stormwater Management Zoning Ordinance Adopted December 2015.	Implementing Ordinance.
Revised					
5C	Stormwater System Maintenance Plan	Planning Dept.	Enforcement under existing Regs Yr 1-2 Enforcement under adopted ordinance Years 3 to 5	Landscaping Standards and Parking Lot Stormwater Management Zoning Ordinance Adopted December 2015.	Implementing Ordinance.
Revised					

6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Future Permit
6A	Municipal Maintenance Activity Program	DPW	Evaluate and draft additional policies as necessary, Year 1. Comply, Yrs 2-5	DPW maintains 17 parks and ball fields – trash is picked up on a daily basis. Vehicle fleets inspected monthly and oil changes done on a regular basis. Catch basins are cleaned as there is a route established to clean them all.	Continue the effort established in previous years.
6B	Employee Training	DPW	Initial Good Housekeeping training Year 1. Annual Refresher Yrs 2-5	Employees are trained in the Municipal Maintenance Activity Program.	Continue the effort established in previous years.
6C Revised	Catch basin Program	DPW	Clean 50% of Catch basins per year	5% of the catch basins were cleaned this year. Collected materials were picked up by private vendor and disposed of appropriately.	Continue the effort established in previous years and increase the % of catch basins cleaned annually.
6D	Street Sweeping	DPW	Sweep Streets once per year and Business Districts monthly, spring thru fall Yrs 1-5	The DPW swept the entire town once this year. Downtown and main arterial routes were swept an additional 4 times. Street sweepings were collected for use as ground cover at the Springfield Yard Waste Composting Facility.	Continue the effort established in previous years.
6E Revised	Road Salt Program	DPW	Employee Training at Salt-Institute, Yr. 1 Investigate alternative chemicals Yrs 2-5	DPW is continually investigating alternative snow and ice control techniques.	Continue the effort established in previous years.

6. Pollution Prevention and Good Housekeeping in Municipal Operations (Continued)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Future Permit
6F	Lawn care and Pest Control	DPW	Train 2 Employees for application of controls Yr 1 Implement Practices Yrs 2-5	Continue the effort established in previous years.	Continue the effort established in previous years.
6G	Stormwater Pollution Prevention Plan / MSGP at the City Garage (Town Yard)	DPW	Implementation of SWPPP, Year 1. Comply, yrs 2-5	4 bays of the existing DPW Garage have been reconstructed for use as state of the art repair facility. The town has abandoned plans to build a new facility.	DONE
6H Revised	Used Oil Recycling	DPW	Continue collection and recycling, Years 1-5.	In 2015 the town collected 450 gallons of used motor oil during its household hazardous waste collection.	Continue to collect and recycle used motor oil during household hazardous waste collection.
6I Revised	Illegal Dumping	DPW	Pickup of dumped waste, Yrs 1-5	The DPW continues to pick up illegally dumped materials in the following areas: Agawam Ave, Bear Hole Reservoir, Circuit Ave, Palmer Ave, Old Westfield Road and 7.2 miles of earthen dike.	Continue with the effort established in previous years.

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Future Permit
7A	TMDL for the Connecticut River	DPW, Planning, Health, Bldg Departments	Completion of BMP's under all of the Six Minimum Control Categories	Refer to previous BMP's	
Revised					
Revised					
Revised					
Revised					
Revised					
Revised					

7a. Additions

7b. WLA Assessment

Part IV. Summary of Information Collected and Analyzed

Part V. Program Outputs & Accomplishments (OPTIONAL)

(Since beginning of permit coverage unless specified otherwise by a **, which indicates response is for period covering April 1, 2015 through March 31, 2016)

Programmatic

	(Preferred Units)	Response
Stormwater management position created/staffed	(y/n)	N
Annual program budget/expenditures **	(\$)	\$ 106,997
Total program expenditures since beginning of permit coverage	(\$)	\$ 1,213,419
Funding mechanism(s) (General Fund, Enterprise, Utility, etc)		General Fund

Education, Involvement, and Training

Estimated number of property owners reached by education program(s)	(# or %)	-
Stormwater management committee established (<i>Connecticut River Stormwater Committee</i>)	(y/n)	Y
Stream teams established or supported (<i>Westfield River Watershed Association</i>)	(# or y/n)	Y
Shoreline clean-up participation or quantity of shoreline miles cleaned **	(y/n or mi.)	Y
Shoreline cleaned since beginning of permit coverage	(mi.)	
Household Hazardous Waste Collection Days		
▪ days sponsored **	(#)	1
▪ community participation **	(# or %)	259 vehicles
▪ material collected **	(tons or gal)	See BMP ID# 2H
School curricula implemented	(y/n)	Y

Legal/Regulatory

	In Place Prior to Phase II	Reviewing Existing Authorities	Drafted	Draft in Review	Adopted
Regulatory Mechanism Status (indicate with "X")					
▪ Illicit Discharge Detection & Elimination				X	
▪ Erosion & Sediment Control				X	
▪ Post-Development Stormwater Management				X	
Accompanying Regulation Status (indicate with "X")					
▪ Illicit Discharge Detection & Elimination				X	
▪ Erosion & Sediment Control				X	
▪ Post-Development Stormwater Management				X	

Mapping and Illicit Discharges

	(Preferred Units)	Response
Outfall mapping complete	(%)	100%
Estimated or actual number of outfalls	(#)	272
System-Wide mapping complete (complete storm sewer infrastructure)	(%)	100%
Mapping method(s)		
▪ Paper/Mylar	(%)	
▪ CADD	(%)	
▪ GIS	(%)	100%
Outfalls inspected/screened **	(# or %)	
Outfalls inspected/screened (Since beginning of permit coverage)	(# or %)	272
Illicit discharges identified **	(#)	
Illicit discharges identified (Since beginning of permit coverage)	(#)	9 very likely 19 maybe
Illicit connections removed **	(#); and (est. gpd)	
Illicit connections removed (Since beginning of permit coverage)	(#); and (est. gpd)	

% of population on sewer	(%)	95%
% of population on septic systems	(%)	5%

Construction

	(Preferred Units)	Response
Number of construction starts (>1-acre) **	(#)	2
Estimated percentage of construction starts adequately regulated for erosion and sediment control **	(%)	100%
Site inspections completed **	(# or %)	9
Tickets/Stop work orders issued **	(# or %)	0
Fines collected **	(# and \$)	0
Complaints/concerns received from public **	(#)	0

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	100%
Site inspections (for proper BMP installation & operation) completed **	(# or %)	100%
BMP maintenance required through covenants, escrow, deed restrictions, etc.	(y/n)	Y
Low-impact development (LID) practices permitted and encouraged	(y/n)	Y

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets) **	(times/yr)	1 time/year
Average frequency of catch basin cleaning (commercial/arterial or other critical streets) **	(times/yr)	1 times/year
Qty of structures cleaned **	(#)	Approx 128
Qty. of storm drain cleaned **	(%, LF or mi.)	1.63 miles
Qty. of screenings/debris removed from storm sewer infrastructure **	(lbs. or tons)	14+ tons
Disposal or use of screenings (landfill, POTW, compost, beneficial use, etc.) **	(location)	landfill

Basin Cleaning Costs		
• Annual budget/expenditure (labor & equipment)**	(\$)	\$ 5,738
• Hourly or per basin contract rate **	(\$/hr or \$ per basin)	\$44.83/hour
• Disposal cost**	(\$)	\$ 0.00
Cleaning Equipment		
• Clam shell truck(s) owned/leased	(#)	0
• Vacuum truck(s) owned/leased	(#)	1
• Vacuum trucks specified in contracts	(y/n)	None
• % Structures cleaned with clam shells **	(%)	None
• % Structures cleaned with vector **	(%)	100%

	(Preferred Units)	Response
Average frequency of street sweeping (non-commercial/non-arterial streets) **	(times/yr)	1
Average frequency of street sweeping (commercial/arterial or other critical streets) **	(times/yr)	2
Qty. of sand/debris collected by sweeping **	(lbs. or tons)	3,400 tons
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.) **	(location)	Compost
Annual Sweeping Costs	Repairs to Sweeper	\$ 2,934.00
• Annual budget/expenditure (labor & equipment)** Operator & Truck - \$41.54/hr	(\$)	N/A
• Hourly or lane mile contract rate ** No Contractual Services this year. Done in-house	(\$/hr. or ln mi.)	N/A
• Disposal cost**	(\$)	\$ 0.00
Sweeping Equipment		
• Rotary brush street sweepers owned/leased	(#)	1
• Vacuum street sweepers owned/leased	(#)	0
• Vacuum street sweepers specified in contracts	(y/n)	N
• % Roads swept with rotary brush sweepers **	%	100%
• % Roads swept with vacuum sweepers **	%	0

Reduction (since beginning of permit coverage) in application on public land of: ("N/A" = never used; "100%" = elimination)			
▪ Fertilizers	<i>4 Ballfields x 4 applications</i>	(lbs. or %)	4,813 lbs
▪ Herbicides	<i>By Contract 7.2 miles of earthen dike has vegetation control</i>	(lbs. or %)	2X
▪ Pesticides		(lbs. or %)	N/A
Integrated Pest Management (IPM) Practices Implemented		(y/n)	N

		(Preferred Units)	Response
Average Ratio of Anti-/De-Icing products used ** (also identify chemicals and ratios used in specific areas, e.g., water supply protection areas)		% NaCl	45%
		% CaCl ₂	5%
		% MgCl ₂	
		% CMA	
		% Kac	
		% KCl	
		% Sand	50%
Pre-wetting techniques utilized **		(y/n or %)	N
Manual control spreaders used **		(y/n or %)	N
Zero-velocity spreaders used **		(y/n or %)	N
Estimated net reduction or increase in typical year salt/chemical application rate		(±lbs/lb mi. or %)	0%
Estimated net reduction or increase in typical year sand application rate **		(±lbs/lb mi. or %)	0%
% of salt/chemical pile(s) covered in storage shed(s)		(%)	0%
Storage shed(s) in design or under construction		(y/n or #)	N
100% of salt/chemical pile(s) covered in storage shed(s) by May 2011		(y/n)	N

Water Supply Protection

Storm water outfalls to public water supplies eliminated or relocated	# or y/n	N/A
Installed or planned treatment BMPs for public drinking water supplies and their protection areas	# or y/n	Y
• Treatment units induce infiltration within 500-feet of a wellhead protection area	# or y/n	N

West Springfield: NPDES Compliance for goals 2F, 3A, and 3B

The Town of West Springfield has mapped the entire stormwater system and inspected 272 outfalls for the presence of non-storm water discharges. The town has also mapped the remaining stormwater systems and produced a complete GIS map. Information gathered from outfall testing will allow the town to detect, locate, and eliminate illicit discharges from the storm water system. The system-wide stormwater maps will help provide the town the ability to trace pipe connections upstream of the outfall being investigated to help determine the source of pollutants. The town does not have a finalized Illicit Discharge Plan, as we anticipate that there may be some revisions once comprehensive inspections of outfalls is completed.

In addition to mapping, the town has started a program to clean and inspect all of the storm drain pipes. During 2015, Kenyon Pipeline Inspection cleaned and performed video inspections of approximately 8,600 linear feet of storm drain, including pipes, catch basins and manholes. The following streets were included:

Union St Ext.
Palmer Ave
Gay Terrace

Belmont Ave
Chilson Rd
Morton St

Memorial Ave

This program will enable the Town to find illicit connections and sources of pollution. Priority will be given to streets that are candidates for paving or reconstruction.

The town has invested and continues to invest a substantial amount of financial resources, effort, and time to map and inspect the entire storm water system in addition to outfalls. This will provide significant value-added benefits for the Illicit Discharge Detection and Elimination program.