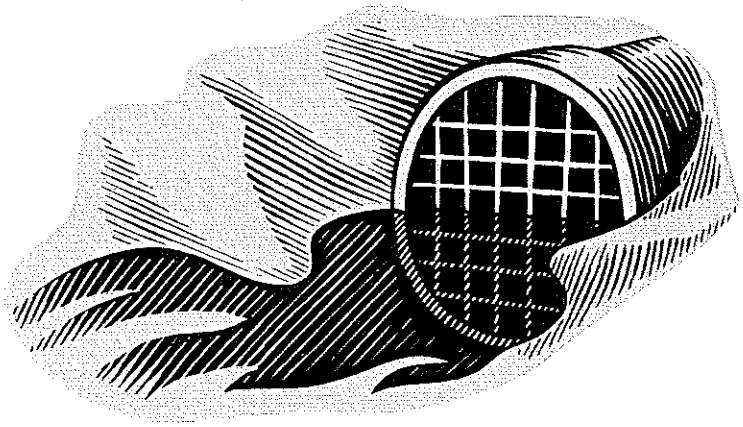
TOWN OF WINDSOR LOCKS

DEPARTMENT OF PUBLIC WORKS

PHASE II

STORMWATER MANAGEMENT PLAN



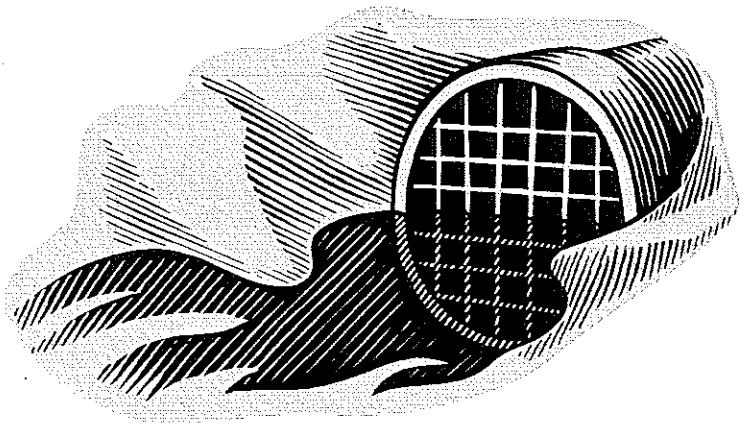
ANNUAL REPORT

2016

PHASE II

STORMWATER MANAGEMENT PLAN

PART B

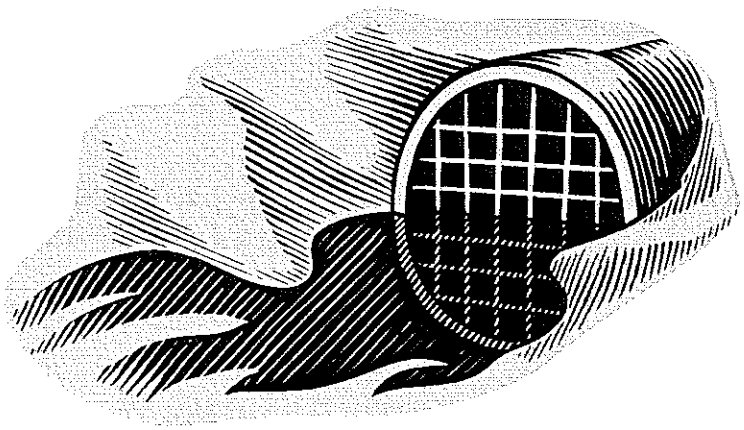


Primary Contact Person for General Information:

Philip Sissick, Director of Public Works
6 Stanton Road
Windsor Locks, CT 06096
(860) 627-1405, ext 201

MINIMUM CONTROL MEASURE:

PUBLIC EDUCATION & OUTREACH



Primary Contact Person for General Information:

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Windsor Locks, CT 06096
(860) 627-1405, ext 201

Description of BMP's and Samples of Work Performed

PUBLIC EDUCATION & OUTREACH #1 - 1

Distribution of Alternative Informational Sources

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #1	Year #2	Year #3	Year #4	Year #5
Year #6	Year #7	Year #8	Year #9	Year #10
Name of Implementing Group / Entity:			Year #11	Year #12
N/A			**Year #13**	

BMP Description:

Distribution of posters, fact sheets or brochures to the general public.

Measurable Goal:

Track quantities and locations where materials are available for review.

YEAR # 1

Posters related to Stormwater were posted in the Department of Public Works building, the Water Pollution Control Facility and the Building Department, located within the Town Hall. Each of these locations generates permits that may involve certain aspects of the Stormwater Plan.

YEAR # 2

Posters related to Stormwater were posted in the Department of Public Works building, the Water Pollution Control Facility and the Building Department, located within the Town Hall. Each of these locations generates permits that may involve certain aspects of the Stormwater Plan. All of these locations are checked periodically to ensure that the posters are in good condition.

YEAR # 3

Posters related to Stormwater were posted in the Department of Public Works building, the Water Pollution Control Facility and the Building Department, located within the Town Hall. Each of these locations generates permits that may involve certain aspects of the Stormwater Plan. All of these locations are checked periodically to ensure that the posters are in good condition.

YEAR # 4

Posters related to Stormwater were posted in the Department of Public Works building, the Water Pollution Control Facility and the Building Department, located within the Town Hall. Each of these locations generates permits that may involve certain aspects of the Stormwater Plan. All of these locations are checked periodically to ensure that the posters are in good condition.

YEAR # 5

Posters related to Stormwater were posted in the Department of Public Works building, the Water Pollution Control Facility and the Building Department, located within the Town Hall. Each of these locations generates permits that may involve certain aspects of the Stormwater Plan. All of these locations are checked periodically to ensure that the posters are in good condition.

YEAR # 6

Posters related to Stormwater were posted in the Department of Public Works building, the Water Pollution Control Facility and the Building Department, located within the Town Hall. Each of these locations generates permits that may involve certain aspects of the Stormwater Plan. All of these locations are checked periodically to ensure that the posters are in good condition.

YEAR # 7

Posters related to Stormwater continue to be posted / updated in the Department of Public Works building, the Water Pollution Control Facility and the Building Department, located within the Town Hall. Each of these locations generates permits that may involve certain aspects of the Stormwater Plan. All of these locations are checked periodically to ensure that the posters are in good condition.

YEAR # 8

Posters related to Stormwater continue to be posted / updated in the Department of Public Works building, the Water Pollution Control Facility and the Building Department, located within the Town Hall. Each of these locations generates permits that may involve certain aspects of the Stormwater Plan. All of these locations are checked periodically to ensure that the posters are in good condition.

YEAR # 9

Posters related to Stormwater continue to be posted / updated in the Department of Public Works building, the Water Pollution Control Facility and the Building Department, located within the Town Hall. Each of these locations generates permits that may involve certain aspects of the Stormwater Plan. All of these locations are checked periodically to ensure that the posters are in good condition.

YEAR # 10

Posters related to Stormwater continue to be posted / updated in the Department of Public Works building, the Water Pollution Control Facility and the Building Department, located within the Town Hall. Each of these locations generates permits that may involve certain aspects of the Stormwater Plan. All of these locations are checked periodically to ensure that the posters are in good condition.

YEAR # 11

Posters related to Stormwater continue to be posted / updated in the Department of Public Works building, the Water Pollution Control Facility and the Building Department, located within the Town Hall. Each of these locations generates permits that may involve certain aspects of the Stormwater Plan. All of these locations are checked periodically to ensure that the posters are in good condition.

YEAR # 12

Posters related to Stormwater continue to be posted / updated in the Department of Public Works building, the Water Pollution Control Facility and the Building Department, located within the Town Hall. Each of these locations generates permits that may involve certain aspects of the Stormwater Plan. All of these locations are checked periodically to ensure that the posters are in good condition.

YEAR # 13

Posters related to Stormwater continue to be posted / updated in the Department of Public Works building, the Water Pollution Control Facility and the Building Department, located within the Town Hall. Each of these locations generates permits that may involve certain aspects of the Stormwater Plan. All of these locations are checked periodically to ensure that the posters are in good condition. Public works has begun distributing rain gauges for the purpose of measuring the amount of water used in irrigating a lawn along with literature discussing proper watering techniques, to resident who visit. Literature is available to residents at Public Works from sources including the EPA. The pamphlet "After The Storm" is an example of available literature.

Description of BMP's and Samples of Work Performed

PUBLIC EDUCATION #1 - 2

Storm Water HOTLINE

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #2 Year #3 Year #4 Year #5 Year #6
Year #7 Year #8 Year#9 Year #10 Year #11 Year #12 **Year #13**

Name of Implementing Group / Entity:

N/A

BMP Description:

Provide an avenue for residents to report possible violators of the Storm Water Plan. This will also inform the residents of current or changing information.

Measurable Goal:

To keep track of and quantify calls and or reporting of violations.

YEAR # 2

The Public Works Department developed a Storm Water HOTLINE where concerns of possible violations could be left anonymously. The HOTLINE has been in place for about six months and to date we have not received any calls concerning this issue.

YEAR # 3

The Public Works Department developed a Storm Water HOTLINE where concerns of possible violations could be left anonymously. The HOTLINE has been in place for about eighteen months and to date we have not received any calls concerning this issue. We received three calls during heavy rain events to report flooding concerns but no calls were received about violations.

YEAR # 4

The Public Works Department developed a Storm Water HOTLINE where concerns of possible violations could be left anonymously. The HOTLINE has been in place for almost two and one half years and to date we have not received any calls concerning the issue. We have now instituted another avenue to report violations through our website.

YEAR # 5

The Public Works Department developed a Storm Water HOTLINE where concerns of possible violations could be left anonymously. The HOTLINE has been in place for almost three and one half years and to date we have only received two calls concerning the issue. Both were minor (leaves) concerns. We have now instituted another avenue to report violations through our website.

YEAR # 6

The Public Works Department developed a Storm Water HOTLINE where concerns of possible violations could be left anonymously. The HOTLINE has been in place for almost four and one half years and this year we did not received any calls concerning the issue. We have now instituted another avenue to report violations through our website.

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YEAR # 11

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YEAR # 12

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YEAR # 13

The Public Works Department developed a Storm Water HOTLINE where concerns of possible violations could be left anonymously. The HOTLINE has been in place for almost four and one half years and this year we did not received any calls concerning the issue. We have now instituted another avenue to report violations through our website

Description of BMP's and Samples of Work Performed

PUBLIC EDUCATION #1 - 3

Storm Water Web Page

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #2 Year #3 Year #4 Year #5 Year #6
Year #7 Year #8 Year #9
Year# 10 Year #11 Year #12
Year #13

Name of Implementing Group / Entity:
N/A
BMP Description:

The Town of Windsor Locks plans to incorporate a Stormwater Web Page which will be accessible through our website.

Measurable Goal:

To keep track of and quantify hits and / or reporting of violations or concerns.

Year #4

As of December 12, 2007, the Town of Windsor Locks has created a much more user friendly web site for residents and general inquiries as well. The Storm Water Web Page allows concerned residents to leave an e-mail or it directs them to the anonymous phone number for leaving messages.

Year # 5

The Storm Water Web Page is monitored and updated as needed.

Year # 6

The Storm Water Web Page is monitored and updated as needed.

Year # 7

The Storm Water Web Page is monitored and updated as needed.

Year # 8

The Storm Water Web Page is monitored and updated as needed.

Year # 9

The Storm Water Web Page is monitored and updated as needed.

Year # 10

The Storm Water Web Page is monitored and updated as needed.

Year # 11

The Storm Water Web Page is monitored and updated as needed.

Year # 12

The Storm Water Web Page is monitored and updated as needed.

Year # 13

The Storm Water Web Page is monitored and has been updated with EPA information "Protecting Water Quality from Urban Runoff".

Description of BMP's and Samples of Work Performed
PUBLIC EDUCATION #1-4
Fabrication / Installation of Watercourse Signage

Responsible Party – Philip Sissick, Director of Public Works
Start Date: January 9, 2004 **End Date:** January 1, 2017
Activities scheduled for permit years:

Year #2 Year #6 Year #7 Year #8 Year #9 Year #10 Year #11 Year #12 **Year #13**

Name of Implementing Group / Entity:

Windsor Locks Public Works

BMP Description:
Utilize Town forces to fabricate and install signage delineating tributary names.
Increase Public awareness of local water resources.

Measurable Goal:

Fabricate / install 25% of all signs in each of the permitted years, until complete.

YEAR #2
The fabrication and installation of the watercourse signage was started and completed ahead of the scheduled timeframe. All signs are now in place.

Year #6
All installed signs are checked periodically for conformance.

Year #7
All installed signs are checked periodically for conformance.

Year #8
All installed signs are checked periodically for conformance.

Year #9
All installed signs are checked periodically for conformance.

Year #10
All installed signs are checked periodically for conformance.

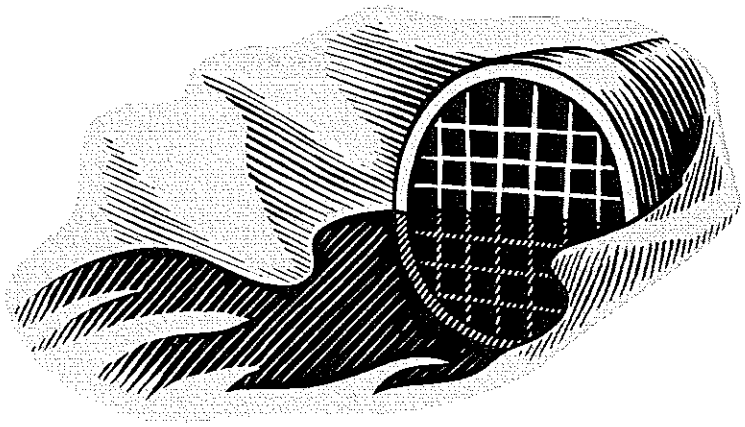
Year #11
All installed signs are checked periodically for conformance.

Year #12
All installed signs are checked periodically for conformance.

Year #13
All installed signs are checked periodically for conformance.

MINIMUM CONTROL MEASURE:

PUBLIC PARTICIPATION / INVOLVEMENT



Primary Contact Person for General Information:

Philip Sissick, Director of Public Works
6 Stanton Road
Windsor Locks, CT 06096
(860) 627-1405, ext 201

Description of BMP's and Samples of Work Performed

PUBLIC PARTICIPATION / INVOLVEMENT #2- 1

Community Clean-up's

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

			Year #4	
Year #1	Year #2	Year #3	Year #9	Year #5
Year #6	Year #7	Year# 8	Year #10	Year #11
Name of Implementing Group / Entity:			Year #12	**Year #13**

Windsor Locks Conservation Committee

BMP Description:

Using volunteer groups such as this one will allow the public first hand knowledge of the importance of the quality of our water courses.

Measurable Goal:

Hold a minimum of at least one "Community Clean-up Day" per year
Volunteer monitoring results will be published.

YEAR #1

On October 2, 2004 the Town of Windsor Locks Public Works Department assisted the Windsor Locks Conservation Commission with their annual clean-up event. Approximately 45 volunteers donated their time and effort cleaning the riverbank along the Connecticut River and the Windsor Locks Canal Path. Several plastic bags of debris, old discarded tires and miscellaneous metal items were retrieved and properly disposed of.

YEAR #2

As in the past, the Town of Windsor Locks Public Works Department assisted the Windsor Locks Conservation Commission with their annual clean-up event. This year there were roughly 35 volunteers that took part in the effort. This year the clean-up took place on October 8, 2005. A copy of their letter of appreciation is enclosed.

YEAR #3

Unfortunately, this past fall the Town of Windsor Locks had a fire in a vacant old mill type building. Due to the potentially hazardous materials that were left from the fire, the access to the canal path on the Windsor Locks side was closed for the public's safety. Hopefully next year the canal clean-up will continue to take place.

YEAR #4

On September 29, 2007 the Town of Windsor Locks Public Works Department assisted the Windsor Locks Conservation Commission with their annual clean-up event. Approximately 30 volunteers donated their time and effort cleaning the riverbank along the Connecticut River and the Windsor Locks Canal Path. Several plastic bags of debris, old discarded tires and miscellaneous metal items were retrieved and properly disposed of.

YEAR # 5
On October 4, 2008 the Town of Windsor Locks Public Works Department assisted the Windsor Locks Conservation Commission with their annual clean-up event. Approximately 25 volunteers donated their time and effort cleaning the riverbank along the Connecticut River and the Windsor Locks Canal Path. Several plastic bags of debris, old discarded tires and miscellaneous metal items were retrieved and properly disposed of.

YEAR # 6
On October 3, 2009 the Town of Windsor Locks Public Works Department assisted the Windsor Locks Conservation Commission with their annual clean-up event. Approximately 20 volunteers donated their time and effort cleaning the riverbank along the Connecticut River and the Windsor Locks Canal Path. Several plastic bags of debris, old discarded tires and miscellaneous metal items were retrieved and properly disposed of.

YEAR # 7
On October 16, 2010 the Town of Windsor Locks Public Works Department assisted the Windsor Locks Conservation Commission with their annual clean-up event. Approximately 20 volunteers donated their time and effort cleaning the riverbank along the Connecticut River and the Windsor Locks Canal Path. Several plastic bags of debris, old discarded tires and miscellaneous metal items were retrieved and properly disposed of. A copy of the letter of thanks is attached.

YEAR # 8
On October 8, 2011 the Town of Windsor Locks Public Works Department assisted the Windsor Locks Conservation Commission with their annual clean-up event. Approximately 20 volunteers donated their time and effort cleaning the riverbank along the Connecticut River and the Windsor Locks Canal Path. Several plastic bags of debris, old discarded tires and miscellaneous metal items were retrieved and properly disposed of.

YEAR # 9
On October 6, 2012 the Town of Windsor Locks Public Works Department assisted the Windsor Locks Conservation Commission with their annual clean-up event. Approximately 18 volunteers donated their time and effort cleaning the riverbank along the Connecticut River and the Windsor Locks Canal Path. Several plastic bags of debris, old discarded tires and miscellaneous metal items were retrieved and properly disposed of.

YEAR # 10

On October 5, 2013 the Town of Windsor Locks Public Works Department assisted the Windsor Locks Conservation Commission with their annual clean-up event. Approximately 20 volunteers donated their time and effort cleaning the riverbank along the Connecticut River and the Windsor Locks Canal Path. Several plastic bags of debris, old discarded tires and miscellaneous metal items were retrieved and properly disposed of.

YEAR # 11

On October 4, 2014 the Town of Windsor Locks Public Works Department assisted the Windsor Locks Conservation Commission with their annual clean-up event. Approximately 22 volunteers donated their time and effort cleaning the riverbank along the Connecticut River and the Windsor Locks Canal Path. Several plastic bags of debris, old discarded tires and miscellaneous metal items were retrieved and properly disposed of.

YEAR # 12

On September 26, 2015 the Town of Windsor Locks Public Works Department assisted the Windsor Locks Conservation Commission with their annual clean-up event. Approximately 20 volunteers donated their time and effort cleaning the riverbank along the Connecticut River and the Windsor Locks Canal Path. Several plastic bags of debris, old discarded tires and miscellaneous metal items were retrieved and properly disposed of.

YEAR # 13

On September 23, 2016 the Town of Windsor Locks Public Works Department assisted the Windsor Locks Conservation Commission with their annual clean-up event. Approximately 20 volunteers donated their time and effort cleaning the riverbank along the Connecticut River and the Windsor Locks Canal Path. Several plastic bags of debris, old discarded tires and miscellaneous metal items were retrieved and recycled as appropriate.

Description of BMP's and Samples of Work Performed

PUBLIC PARTICIPATION / INVOLVEMENT #2 - 2

Public Meetings / FOI Requirements

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #1	Year #2	Year #3	Year #4	Year #5
Year #6	Year #7	Year #8	Year #9	Year# 10
Name of Implementing Group / Entity:			Year# 11	**Year #13**
Town Meeting / Selectmen's Meeting			Year #12	

BMP Description:
Notify residents of public meetings utilizing different forms of distribution. Permit registration/renewal and annual reporting.

Measurable Goal:
Document notification dates. Achieve compliance with notice requirements.

YEAR #1 (2004)

A copy of the Town of Windsor Locks' Phase II Stormwater Plan was filed with the Town Clerks office for public review on July 6, 2004. It remained on hand for review for a period of thirty (30) days. Copies were also distributed for review in the Public Works Office, Water Pollution Control Facility and with the Building Department. The Selectman's office also made a copy available for public input.

YEAR #2 (2005)

Copies of the adopted Stormwater Plan continue to be available for review in the offices listed above. Anyone requesting copies of the plan may obtain them from the Public Works Department.

YEAR #3 (2006)

Copies of the adopted Stormwater Plan continue to be available for review in the offices listed above. Anyone requesting copies of the plan may obtain them from the Public Works Department.

YEAR #4 (2007)

Copies of the adopted Stormwater Plan continue to be available for review in the offices listed above. Anyone requesting copies of the plan may obtain them from the Public Works Department.

YEAR # 5 (2008)
Copies of the adopted Stormwater Plan continue to be available for review in the offices listed above. Anyone requesting copies of the plan may obtain them from the Public Works Department

YEAR # 6 (2009)
Copies of the adopted Stormwater Plan continue to be available for review in the offices listed above. Anyone requesting copies of the plan may obtain them from the Public Works Department

YEAR # 7 (2010)
Copies of the adopted Stormwater Plan continue to be available for review in the offices listed above. Anyone requesting copies of the plan may obtain them from the Public Works Department

YEAR # 8 (2011)
Copies of the adopted Stormwater Plan continue to be available for review in the offices listed above. Anyone requesting copies of the plan may obtain them from the Public Works Department

YEAR # 9 (2012)
Copies of the adopted Stormwater Plan continue to be available for review in the offices listed above. Anyone requesting copies of the plan may obtain them from the Public Works Department

YEAR # 10 (2013)
Copies of the adopted Stormwater Plan continue to be available for review in the offices listed above. Anyone requesting copies of the plan may obtain them from the Public Works Department

YEAR # 11 (2014)
Copies of the adopted Stormwater Plan continue to be available for review in the offices listed above. Anyone requesting copies of the plan may obtain them from the Public Works Department

YEAR # 12 (2015)

Copies of the adopted Stormwater Plan continue to be available for review in the offices listed above. Anyone requesting copies of the plan may obtain them from the Public Works Department

YEAR # 13 (2016)

Copies of the adopted Stormwater Plan continue to be available for review in the offices listed above. Anyone requesting copies of the plan may obtain them from the Public Works Department. The

Description of BMP's and Samples of Work Performed

PUBLIC PARTICIPATION #2 - 3

Storm Water HOTLINE

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #2	Year #3	Year #4	Year #5	Year #6
Year #7	Year #8	Year #9	Year #11	Year #12
Year #10	**Year #13**			

Name of Implementing Group / Entity:

N/A

BMP Description:

Provide an avenue for residents to report possible violators of the Storm Water Plan. This will also inform the residents of current or changing information.

Measurable Goal:

To keep track of and quantify calls and or reporting of violations.

YEAR # 2

The Public Works Department developed a Storm Water HOTLINE where concerns of possible violations could be left anonymously. The HOTLINE has been in place for about six months and to date we have not received any calls concerning this issue.

YEAR # 3

The Public Works Department developed a Storm Water HOTLINE where concerns of possible violations could be left anonymously. The HOTLINE has been in place for about eighteen months and to date we have not received any calls concerning this issue. We received three calls during heavy rain events to report flooding concerns but no calls were received about violations.

YEAR # 4

The Public Works Department developed a Storm Water HOTLINE where concerns of possible violations could be left anonymously. The HOTLINE has been in place for almost two and one half years and to date we have not received any calls concerning the issue. We have now instituted another avenue to report violations through our website.

YEAR # 5

The Public Works Department developed a Storm Water HOTLINE where concerns of possible violations could be left anonymously. The HOTLINE has been in place for almost three and one half years and to date we have only received two calls concerning the issue. Both were minor (leaves) concerns. We have now instituted another avenue to report violations through our website.

YEAR # 6

The Public Works Department developed a Storm Water HOTLINE where concerns of possible violations could be left anonymously. The HOTLINE has been in place for almost four and one half years and this year we did not received any calls concerning the issue. We have now instituted another avenue to report violations through our website.

YEAR # 7

The Public Works Department developed a Storm Water HOTLINE where concerns of possible violations could be left anonymously. The HOTLINE has been in place for almost four and one half years and this year we did not received any calls concerning the issue. We have now instituted another avenue to report violations through our website.

YEAR # 8

The Public Works Department developed a Storm Water HOTLINE where concerns of possible violations could be left anonymously. The HOTLINE has been in place for almost four and one half years and this year we did not received any calls concerning the issue. We have now instituted another avenue to report violations through our website.

YEAR # 9

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YEAR # 10

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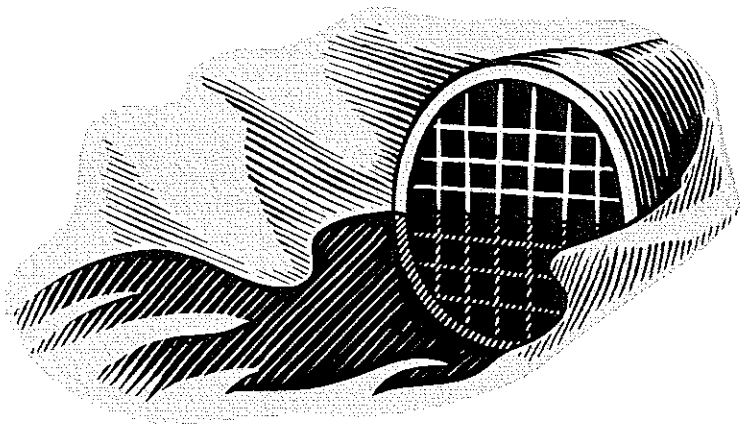
MINIMUM CONTROL MEASURE:

ILLICIT DISCHARGE DETECTION & ELIMINATION



Primary Contact Person for General Information:

Philip Sissick, Director of Public Works
6 Stanton Road
Windsor Locks, CT 06096
(860) 627-1405, ext 201

Description of BMP's and Samples of Work Performed

ILLICIT DISCHARGE DETECTION & ELIMINATION #3-1

Map outfalls greater than 15" in Urbanized Areas

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #2 Year #8 Year #9 Year#10 Year #11 Year #12 **Year #13**

Name of Implementing Group / Entity:
N/A

BMP Description:

Create mapping showing locations of drainage outfalls that are greater than 15" in diameter located within Urbanized areas of Town.

Measurable Goal:

Provide mapping to DEP and make available for viewing in Town offices.

YEAR # 2
Mapping has been created and included within this report.

YEAR # 8
PROJECT COMPLETED IN 2005

YEAR # 9
PROJECT COMPLETED IN 2005

YEAR # 10
PROJECT COMPLETED IN 2005

YEAR # 11
PROJECT COMPLETED IN 2005

YEAR # 12
PROJECT COMPLETED IN 2005

YEAR # 13
PROJECT COMPLETED IN 2005

Description of BMP's and Samples of Work Performed

ILLICIT DISCHARGE DETECTION & ELIMINATION #3-2

Map outfalls greater than 15" Town Wide

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #3 **Year #8** Year #9 Year #10 Year #11

Name of Implementing Group / Entity: **Year #12** Year #13

N/A

BMP Description:

Create mapping showing locations of drainage outfalls that are greater than 15" in diameter located within Town.

Measurable Goal:

Provide mapping to DEP and make available for viewing in Town offices.

YEAR # 3

Mapping was created and included in last years report.

YEAR # 8

Mapping was created and included in 2007's report.

YEAR # 9

Mapping was created and included in 2007's report.

YEAR # 10

Mapping was created and included in 2007's report.

YEAR # 11

Mapping was created and included in 2007's report.

YEAR # 12

Mapping was created and included in 2007's report.

YEAR # 13

Mapping was created and included in 2007's report.

Description of BMP's and Samples of Work Performed
ILLICIT DISCHARGE DETECTION & ELIMINATION #3-3
Map outfalls greater than 12" in Urbanized Areas in Town

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #3 Year #8 Year #9 Year#10 Year #11

Name of Implementing Group / Entity: **Year #12** Year 13

N/A

BMP Description:

Create mapping showing locations of drainage outfalls that are greater than 12" in diameter located within Urbanized areas within Town.

Measurable Goal:

Provide mapping to DEP and make available for viewing in Town offices.

YEAR # 3
Mapping was created and included in last years report.

YEAR # 8
Mapping was created and included in 2007's report.

YEAR # 9
Mapping was created and included in 2007's report.

YEAR # 10
Mapping was created and included in 2007's report.

YEAR # 11
Mapping was created and included in 2007's report

YEAR # 12
Mapping was created and included in 2007's report

YEAR # 13
Mapping was created and included in 2007's report

Description of BMP's and Samples of Work Performed
ILLICIT DISCHARGE DETECTION & ELIMINATION #3 - 4
Illicit Discharge Detection Program

Responsible Party – Philip Sissick, Director of Public Works
Start Date: January 9, 2004 **End Date:** January 1, 2017
Activities scheduled for permit years:

Year #1	Year #2	Year #3	Year #4	Year #5
Year #6	Year #7	Year #8	Year #9	Year #10
Name of Implementing Group / Entity:			Year #11	**Year #12**
Windsor Locks Public Works			Year 13	

BMP Description:
Create detailed illicit discharge detection program that includes routine outfall inspections and periodic training of employees and subcontractors.
Perform dry weather inspections of outfalls.

Measurable Goal:
Submit copy of illicit discharge detection program with annual reporting, showing the number of dry weather outfall inspections performed.

YEAR #1
An illicit discharge detection plan was created and distributed to all Public Works employees. Employees were paired up with catch basin contractor to evaluate basins and outfalls.

YEAR #2
Employees all took part in an in-house educational program which included a video and was followed up with a test. All Highway, Parks and Water Pollution Control employees took part in this program. A copy of the quiz is included. Random outfall inspections during dry weather were also performed.

YEAR #3
Again, random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signals to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR #4
Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 5

Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 6

Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 7

Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 8

Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 9

Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 10

Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 11

Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 12

Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 13

Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported. Video surveillance of drainage infrastructure prior to engineering sanitary, drainage and road surface to identify where cross connections of storm and sanitary or sanitary lines inadvertently connected drainage infrastructure is now in place. During reconstruction of sewer lines on Whiton street an illicit connection to storm was identified and connected to the sanitary sewer.

Description of BMP's and Samples of Work Performed
ILLICIT DISCHARGE DETECTION & ELIMINATION #3 - 4
Illicit Discharge Detection Program

Responsible Party – Philip Sissick, Director of Public Works
Start Date: January 9, 2004 **End Date:** January 1, 2016
Activities scheduled for permit years:

Year #1	Year #2	Year #3	Year #4	Year #5
Year #6	Year #7	Year #8	Year #9	Year #10
Name of Implementing Group / Entity:			Year #11	**Year #12**
Windsor Locks Public Works			Year 13	

BMP Description:
Create detailed illicit discharge detection program that includes routine outfall inspections and periodic training of employees and subcontractors.
Perform dry weather inspections of outfalls.

Measurable Goal:
Submit copy of illicit discharge detection program with annual reporting, showing the number of dry weather outfall inspections performed.

YEAR #1
An illicit discharge detection plan was created and distributed to all Public Works employees. Employees were paired up with catch basin contractor to evaluate basins and outfalls.

YEAR #2
Employees all took part in an in-house educational program which included a video and was followed up with a test. All Highway, Parks and Water Pollution Control employees took part in this program. A copy of the quiz is included. Random outfall inspections during dry weather were also performed.

YEAR #3
Again, random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signals to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR #4
Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 5
Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 6
Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 7
Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 8
Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 9
Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 10
Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 11

Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 12

Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported.

YEAR # 13

Random outfall inspections took place during dry weather conditions. Employees were once again instructed on what signs to look for when performing these inspections. Any possible violations were to be reported to a Supervisor. None were reported. Video surveillance of drainage infrastructure prior to engineering sanitary, drainage and road surface to identify where cross connections of storm and sanitary or sanitary lines inadvertently connected drainage infrastructure is now in place. During reconstruction of sewer lines on Whiton street an illicit connection to storm was identified and connected to the sanitary sewer.

Description of BMP's and Samples of Work Performed

ILLICIT DISCHARGE DETECTION & ELIMINATION #3 - 5

Develop Illicit Discharge Ordinance

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004

End Date: January 1, 2017

Activities scheduled for permit years:

Year #2 Year #8 Year #9 Year #10 Year #11 **Year #12**

Name of Implementing Group / Entity:

Windsor Locks Public Works

BMP Description:

Create detailed illicit discharge ordinance.

Measurable Goal:

Submit copy of illicit discharge ordinance with annual reporting.

YEAR #2

An illicit discharge ordinance was created and received full support from the Selectmen. It was forwarded to the Town Attorney for review. A copy will be available for review in the applicable Departments.

YEAR #8

An illicit discharge ordinance was created and received full support from the Selectmen. It was forwarded to the Town Attorney for review. A copy is available for review in the applicable Departments.

YEAR #9

An illicit discharge ordinance was created and received full support from the Selectmen. It was forwarded to the Town Attorney for review. A copy is available for review in the applicable Departments.

YEAR #10

An illicit discharge ordinance was created and received full support from the Selectmen. It was forwarded to the Town Attorney for review. A copy is available for review in the applicable Departments.

YEAR #11

An illicit discharge ordinance was created and received full support from the Selectmen. It was forwarded to the Town Attorney for review. A copy is available for review in the applicable Departments.

YEAR #12

An illicit discharge ordinance was created and received full support from the Selectmen. It was forwarded to the Town Attorney for review. A copy is available for review in the applicable Departments

YEAR #13

An illicit discharge ordinance was created and received full support from the Selectmen. A copy is available for review in the applicable Departments as well as online and in hardcopy at Town Hall.

Description of BMP's and Samples of Work Performed

ILLICIT DISCHARGE DETECTION & ELIMINATION #3 - 6

Household Hazardous Waste Collection / Recycling

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #1	Year #2	Year #3	Year #4	Year #5
Year #6	Year #7	Year #8	Year #9	Year #10
Name of Implementing Group / Entity:			Year #11	Year #12
MDC			**Year #13**	

BMP Description:

Promote household hazardous waste collection and recycling.

Measurable Goal:

Track number of residents utilizing service.

YEAR #1

The Town of Windsor Locks hosted a Hazardous Waste Collection Day sponsored by The Metropolitan District on October 16, 2004. There were a total of 260 vehicles of which 147 were from Windsor Locks along with 245 households of which 135 generated HazWaste from within Windsor Locks. The Town supplied volunteers along with some paid employees for this function. A spreadsheet and related documentation are attached.

YEAR #2

Again, the Town of Windsor Locks hosted a Hazardous Waste Collection Day sponsored by The Metropolitan District on October 22, 2005. There were a total of 248 vehicles of which 131 were from Windsor Locks along with 171.5 households of which 81.5 generated HazWaste from within Windsor Locks. The Town supplied volunteers along with some paid employees for this function. A spreadsheet and related documentation are attached.

YEAR #3

On November 4, 2006, the Town of Windsor Locks conducted a Hazardous Waste Collection Day which was sponsored by The Metropolitan District. We handled a total of 231 vehicles with 112 being Windsor Locks residents. That equates to 97.5 households from within the Town of Windsor Locks that participated. Again, the Town supplied volunteers along with some paid employees for this function. A spreadsheet and related documentation are attached.

YEAR #4

On November 3, 2007, the Town of Windsor Locks conducted a Hazardous Waste Collection Day which was sponsored by The Metropolitan District. We handled a total of 127 vehicles with 123 being Windsor Locks residents. That equates to 119.5 households from within the Town of Windsor Locks that participated. Again, the Town supplied volunteers along with some paid employees for this function. A spreadsheet and related documentation are attached.

YEAR #5
On November 1, 2008, the Town of Windsor Locks conducted a Hazardous Waste Collection Day which was sponsored by The Metropolitan District. We handled a total of 142 vehicles. That equates to 105 households from within the Town of Windsor Locks that participated. Again, the Town supplied volunteers along with some paid employees for this function. A spreadsheet and related documentation are attached.

YEAR #6
On October 31, 2009, the Town of Windsor Locks conducted a Hazardous Waste Collection Day which was sponsored by The Metropolitan District. We handled a total of 176 vehicles. That equates to 158.5 households from within the Town of Windsor Locks that participated. Again, the Town supplied volunteers along with some paid employees for this function. A spreadsheet and related documentation are attached.

YEAR #7
On October 30, 2010, the Town of Windsor Locks conducted a Hazardous Waste Collection Day which was sponsored by The Metropolitan District. We handled in excess of 300 vehicles. That equates to 104.5 households from within the Town of Windsor Locks that participated. Again, the Town supplied some paid employees for this function along with one volunteer from a local high school. A spreadsheet and related documentation are attached.

YEAR #8
On October 29, 2011, the Town of Windsor Locks conducted a Hazardous Waste Collection Day which was sponsored by The Metropolitan District. We handled in excess of 300 vehicles. That equates to 103.5 households from within the Town of Windsor Locks that participated. Again, the Town supplied some paid employees for this function along with one volunteer from within the Town of Windsor Locks. A spreadsheet and related documentation are attached.

YEAR #9
On November 3, 2012 the Town of Windsor Locks conducted a Hazardous Waste Collection Day which was sponsored by The Metropolitan District. We handled approximately 320 vehicles. That equates to 201.5 households from within the Town of Windsor Locks that participated. Again, the Town supplied some paid employees for this function along with six volunteers from within the Town of Windsor Locks. A spreadsheet and related documentation are attached.

YEAR #10

On October 26, 2013 the Town of Windsor Locks conducted a Hazardous Waste Collection Day which was sponsored by The Metropolitan District. We handled approximately 250 vehicles. Again, the Town supplied some paid employees for this function along with six volunteers from within the Town of Windsor Locks. A spreadsheet and related documentation are attached.

YEAR #11

On October 25, 2014 the Town of Windsor Locks conducted a Hazardous Waste Collection Day which was sponsored by The Metropolitan District. We handled approximately 310 vehicles. Again, the Town supplied some paid employees for this function along with six volunteers from within the Town of Windsor Locks. A spreadsheet and related documentation are attached.

YEAR #12

On October 24, 2015 the Town of Windsor Locks conducted a Hazardous Waste Collection Day which was sponsored by The Metropolitan District. We handled approximately 400 vehicles. Again, the Town supplied four paid employees for this function along with six volunteers from within the Town of Windsor Locks. A spreadsheet and related documentation are attached.

YEAR #13

On Saturday October 29, 2016, the Town of Windsor Locks conducted a Hazardous Waste Collection Day which was sponsored by The Metropolitan District. The collection also included the ability of surrounding Towns to participate in the event, it is important to note that the goal of the MS4 is not discharge solely from urbanized areas, rather clean water discharges for all sources. Employees as well as community volunteers participated in the event. Three hundred and forty total vehicles came to the event with one hundred and fifty-six from Windsor Locks. Related documentation is attached.

THE METROPOLITAN DISTRICT

2016 MDC Household Hazardous Waste

Summary of Windsor Locks/ East Granby Collection

Hosted by Windsor Locks

Date: October 29, 2016
Location: Public Works Garage
6 Stanton Road, Windsor Locks
Town Coordinator: Amy Whalen, Dept. of Public Works Admin.
Town of Windsor Locks
860-627-1405 Fax: 860-627-1407

CONTRACTOR
Clean Harbors Env. Services, Inc.
42 Longwater Drive
Norwell, MA 02061
1-781-792-0500
Fax: 1-781-792-5900

Clean Harbors Transporter US EPA ID number: MAD039322250
Generator US EPA ID number: Windsor Locks CTP000033352

MISCELLANEOUS DAYS EVENTS:

- The site was opened at 7:30 AM with four cars waiting in line.
- Traffic flow was steady all day.
- The weather was cool and sunny.
- The site was restored and evacuated at 3:00 PM.
- On site, there were:
  One MDC personnel (Jim Masse);
  Two Town Coordinators (Al and Phil);
  Seven Volunteers;
  Four Town Employees;
  One Clean Harbors (CH) Project Manager (Rob Bush);
  One CH Assistant PM (Justin Deacon);
  Nine CH Technicians: and
  Four CH Offloaders.

HOUSEHOLD HAZARDOUS WASTE COLLECTED

Acids - One 55-gallon drum
Aerosols - Two cubic yard boxes
Alkaline Batteries - One 55-gallon drum
Ammonia - One 55-gallon drum
Asbestos - One 55-gallon drum
Corrosive Liquid - One 55-gallon drum
CFLs - Two 55-gallon drums
Fire Extinguishers - Fourteen cylinders
Flammable Liquids - Ten 55-gallon drums
Fluorescent Bulbs - Four 4' boxes and one 8' box
Lead-Acid Batteries - One 16-gallon drum
Lithium Batteries - One 20-lb. box
Mercury - One 5-gallon pail
Ni-Cad Batteries - One 16-gallon drum
Organic Acid - One 55-gallon drum
Organic Peroxide - Two 5-gallon pails
Oxidizers, Solid - One 55-gallon drum,
one 16-gallon drum and one 5-gallon pail
Paint, Latex - Eleven cubic yard boxes
Paint, Non-PaintCare - Three cubic yard boxes
Paint, Oil - Three cubic yard boxes
PCBs - One 5-gallon pail
Pesticides, Liquid - Ten 55-gallon drums
Pesticides, Solid - Two cubic yard boxes
Propane - Eighty seven 1-lb. cylinders and
five 20-lb. cylinders
Refrigerant Gas - One 5-gallon pail

cc: J. Hayden (Town of East Granby); S. Wawruck Jr. (Town of Windsor Locks); SMK; CB and CPS

SUMMARY OF HISTORICAL PARTICIPATION
Windsor Locks HHW Collection
Hosted by East Granby and Windsor Locks

TOWNS	2016 CARS	2015 CARS	2014 CARS	2013 CARS	2012 CARS	2011 CARS	2010 CARS	2009 CARS	2008 CARS	2007 CARS
East Granby	76	85	59	89	61	55	43	42	34	39
Windsor Locks	156	202	155	161	159	149	120	152	123	123
Bloomfield	12	13	11	13	6	8	10	3	7	0
East Hartford	11	5	7	11	3	3	2	3	2	0
Hartford	3	2	5	4	3	2	2	2	3	2
Newington	7	5	6	5	3	1	4	3	1	3
Rocky Hill	5	4	2	4	2	6	2	1	0	0
West Hartford	15	21	16	24	7	4	22	1	5	8
Wethersfield	4	6	2	5	1	0	6	1	0	4
Windsor	59	53	44	36	20	17	24	21	22	20
Avon	NA	NA	NA	NA	2	3	3	3	3	1
Canton	NA	NA	NA	NA	3	1	5	1	1	1
Cromwell	NA	NA	NA	NA	1	1	1	0	1	1
Durham	NA	NA	NA	NA	1	0	0	1	0	0
East Hampton	NA	NA	NA	NA	2	0	1	0	0	0
East Windsor	NA	NA	NA	NA	3	7	3	NA	9	3
Ellington	NA	NA	NA	NA	3	1	0	9	2	2
Enfield	NA	NA	NA	NA	20	11	18	22	10	20
Farmington	NA	4	1	4	1	1	5	2	2	3
Granby	NA	NA	NA	NA	0	21	20	9	13	30
Middlefield	NA	NA	NA	NA	0	1	0	0	0	0
Middletown	NA	NA	NA	NA	0	1	1	0	1	0
Simsbury	NA	NA	NA	NA	12	14	21	7	3	9
South Windsor^	NA	NA	NA	NA	5	3	5	91	4	1
TOTALS	348	400	310	356	318	310	318	374	246	270

Description of BMP's and Samples of Work Performed

ILLICIT DISCHARGE DETECTION & ELIMINATION #3 - 7

Fabrication / Installation of Watercourse Signage

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #2 Year #6 Year# 7 Year# 8 Year#9 Year# 10 Year #11 Year #12 **Year #13**

Name of Implementing Group / Entity:

Windsor Locks Public Works

BMP Description:

Utilize Town forces to fabricate and install signage delineating tributary names. Increase Public awareness of local water resources.

Measurable Goal:

Fabricate / install 25% of all signs in each of the permitted years, until complete.

YEAR #2

The fabrication and installation of the watercourse signage was started and completed ahead of the scheduled timeframe. All signs are now in place.

Year #7

All installed signs are checked periodically for conformance.

Year #8

All installed signs are checked periodically for conformance.

Year #9

All installed signs are checked periodically for conformance.

Year #10

All installed signs are checked periodically for conformance.

Year #11

All installed signs are checked periodically for conformance.

Year #12

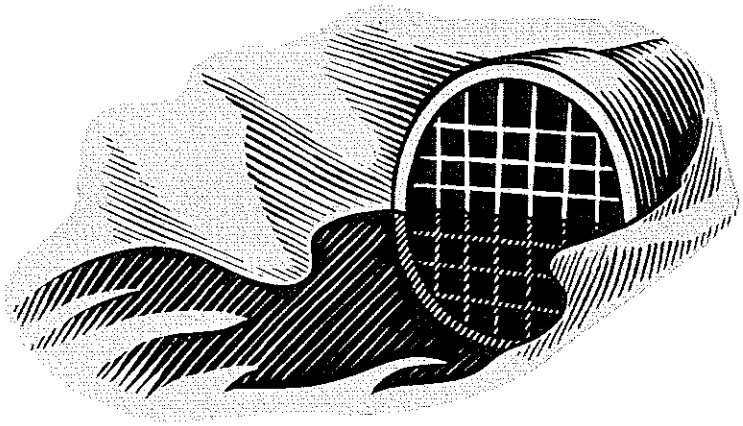
All installed signs are checked periodically for conformance.

Year #13

All installed signs are checked periodically for conformance

MINIMUM CONTROL MEASURE:

CONSTRUCTION SITE RUNOFF CONTROL



Primary Contact Person for General Information:

Philip Sissick, Director of Public Works
6 Stanton Road
Windsor Locks, CT 06096
(860) 627-1405, ext 201

Description of BMP's and Samples of Work Performed

CONSTRUCTION SITE RUN OFF CONTROL #4 - 1

Ordinance / Regulatory Mechanism

Responsible Party – Jennifer Rodriguez, Town Planner

Start Date: January 9, 2004 **End Date: January 1, 2017**

Activities scheduled for permit years:

Year #1	Year #2	Year #3	Year #4	Year #5
Year #6	Year #7	Year #8	Year #9	Year #10
			Year #11	Year #12
				Year #13

Name of Implementing Group / Entity:
Land Use Department (Building, Planning, Zoning and Wetlands)

BMP Description:
The Town of Windsor Locks shall review existing zoning regulations and enforce those regulations, providing the ability to regulate polluted runoff that is generated from construction sites.

Measurable Goal:
Review of regulations. Address storm water run-off concerns during plan review.

Year #4 –
Regulations were reviewed by the WL Zoning Office using CT DEP Storm Water Quality Manual, Chapter 3 - Preventing and Mitigating Stormwater Impacts as a guideline. Chapter IX, X and XI of the WL Zoning Regulations show the incorporation of soil, erosion and sediment control, administration and requirements for ensuring comprehensive site plan design and treatment of storm water and sanitary disposal, all key factors listed in the CT DEP Storm Water Quality Manual.

Year #5
Regulations were reviewed by the WL Zoning Office using CT DEP Storm Water Quality Manual, Chapter 3 - Preventing and Mitigating Stormwater Impacts as a guideline. Chapter IX, X and XI of the WL Zoning Regulations show the incorporation of soil, erosion and sediment control, administration and requirements for ensuring comprehensive site plan design and treatment of storm water and sanitary disposal, all key factors listed in the CT DEP Storm Water Quality Manual.

Year #6
Regulations were reviewed by the WL land use staff. Chapters IX, X and XI of the WL Zoning Regulations and Chapter 7 of the WL IWW Regulations require plans acceptable to staff including the Engineering Consultant which provide measures for controlling Erosion and Sediment Control during construction. The Windsor Locks Public Improvements Manual, which is now referred to in our land

use regulations, also provides details for Erosion and Sediment Control Measures.

Year #7

Regulations were reviewed by the WL land use staff. Chapters IX, X and XI of the WL Zoning Regulations and Chapter 7 of the WL IWW Regulations require plans acceptable to staff including the Engineering Consultant which provide measures for controlling Erosion and Sediment Control during construction. The Windsor Locks Public Improvements Manual, which is now referred to in our land use regulations, also provides details for Erosion and Sediment Control Measures.

YEAR # 8

Regulations were reviewed by the WL land use staff. Chapters IX, X and XI of the WL Zoning Regulations and Chapter 7 of the WL IWW Regulations require plans acceptable to staff including the Engineering Consultant which provide measures for controlling Erosion and Sediment Control during construction. The Windsor Locks Public Improvements Manual is referred to in our land use regulations as a useful tool providing details for Erosion and Sediment Control Measures.

YEAR # 9

Chapters IX, X and XI of the WL Zoning Regulations and Chapter 7 of the WL IWW Regulations require plans acceptable to staff including the Engineering Consultant which provide measures for controlling Erosion and Sediment Control during construction. The Windsor Locks Public Improvements Manual is referred to in our land use regulations as a useful tool providing details for Erosion and Sediment Control Measures.

Year #10

Chapters IX, X and XI of the WL Zoning Regulations and Chapter 7 of the WL IWW Regulations require plans acceptable to staff including the Engineering Consultant which provide measures for controlling Erosion and Sediment Control during construction. The Windsor Locks Public Improvements Manual is referred to in our land use regulations as a useful tool providing details for Erosion and Sediment Control Measures.

Year #11

Chapters IX, X and XI of the WL Zoning Regulations and Chapter 7 of the WL IWW Regulations require plans acceptable to staff including the Engineering Consultant which provide measures for controlling Erosion and Sediment Control during construction. The Windsor Locks Public Improvements Manual is referred to in our land use regulations as a useful tool providing details for Erosion and Sediment Control Measures.

YEAR #12 -2015

Chapters IX, X and XI of the WL Zoning Regulations and Chapter 7 of the WL IWW Regulations require plans acceptable to staff including the Engineering

Consultant which provide measures for controlling Erosion and Sediment Control during construction. The Windsor Locks Public Improvement Manual is also referred to in our land use regulations as a usefual tool providing details for Erosion and Sediment Control Measures which comply with CT DEEP MS4 Permit and State E&S Guidelines.

YEAR #13 -2016

Chapters IX, X and XI of the WL Zoning Regulations and Chapter 7 of the WL IWW Regulations require plans acceptable to staff including the Engineering Consultant which provide measures for controlling Erosion and Sediment Control during construction. The Windsor Locks Public Improvement Manual is also referred to in our land use regulations as a useful tool providing details for Erosion and Sediment Control Measures which comply with CT DEEP MS4 Permit and State E&S Guidelines. Staff recognizes in review of current regulations, that the Planning and Zoning Commission should consider the drafting of low impact development regulations and develop a more rigorous plan for E&S requirement and follow up. We also recognize the need for a more clear bond requirement for projects which do not require Commission approval.

Description of BMP's and Samples of Work Performed

CONSTRUCTION SITE RUN OFF CONTROL #4 - 2

Regulation Enforcement

Responsible Party – Jennifer Rodriguez, Town Planner

Start Date: January 9, 2004 **End Date: January 1, 2017**

Activities scheduled for permit years:

Year #1	Year #2	Year #3	Year #4	Year #5
Year #6	Year #7	Year #8	Year #9	Year #10
			Year #11	Year #12
				Year #

Name of Implementing Group / Entity:
Land Use Department (Planning, Zoning, Wetlands)

BMP Description:
Inland / Wetlands Officer shall review all plans to ensure that proper sedimentation controls are in place. Periodic site inspections shall be conducted enforcing the maintenance of erosion and sedimentation controls.

Measurable Goal:
Inland / wetlands officer shall track number of plans reviewed each year while enforcing compliance.

Year #3
Five applications were reviewed by the Windsor Locks Inland Wetland and Watercourses Commission during the year 2005. At most seven plans were reviewed by the Inland Wetlands Officer acting as Wetland Agent for the Commission. Periodic inspections were performed to ensure compliance with respect to each individual application or plan.

Year #4
Seven (three of which are in process right now) applications were reviewed by the WL Inland Wetland and Watercourses Commission during the year 2005. Six regulated activity plans were reviewed by the Inland Wetlands Officer acting as Wetland Agent for the commission. In addition 20 or more inquiries were reviewed throughout the year determined to be permitted, no impact, maintenance or outside of jurisdiction. Periodic inspections were performed to ensure compliance with respect to each individual application or plan.

Year #5
Six (one is in review right now) applications were reviewed by the WL Inland Wetland and Watercourses Commission during the year. In addition 17 inquiries were reviewed throughout the year determined to be permitted, no impact, maintenance or outside of jurisdiction. Periodic inspections were performed to ensure compliance with respect to each individual application or plan.

Year #6
Six (6) applications were reviewed by the WL Inland Wetland and Watercourses Commission during the year. In addition eleven (11) inquiries were reviewed throughout the year determined to be permitted, no impact, maintenance or outside of jurisdiction. Periodic inspections were performed to ensure compliance with respect to each individual application or plan.

Year #7
Five (5) applications were reviewed by the WL Inland Wetland and Watercourses Commission during the year. In addition seven (7) inquiries were reviewed throughout the year determined to be permitted, no impact, maintenance or outside of jurisdiction. Periodic inspections were performed to ensure compliance with respect to each individual application or plan.

YEAR # 8
Six (6) applications were reviewed by the WL Inland Wetland and Watercourses Commission during the year. In addition seven (10) inquiries were reviewed throughout the year determined to be permitted, no impact, maintenance or outside of jurisdiction.

YEAR # 9
Five (5) applications were reviewed by the WL Inland Wetland and Watercourses Commission during the year. In addition (14) inquiries were reviewed throughout the year determined to be permitted, no impact, maintenance or outside of jurisdiction.

Year #10
Four (4) applications were reviewed by the WL Inland Wetland and Watercourses Commission during the year. In addition, ten (10) inquiries were reviewed throughout the year and determined to be permitted, no impact, maintenance, or outside of jurisdiction.

Year #11
Five (5) applications were reviewed by the WL Inland Wetland and Watercourses Commission during the year. In addition, sixteen (16) inquiries were reviewed throughout the year and determined to be permitted, no impact, maintenance, or outside of jurisdiction.

YEAR #12 – 2015
Seven (7) proposals were reviewed by staff and/or the WL Inland Wetland and Watercourse Commission during the year. Ten (10) proposals were reviewed by the Town Planner / ZEO during the year.

Year #13
Eleven (11) proposals were reviewed by staff during the year, four (4) of which were also reviewed by the Wetland Commission. Additionally there were two (2) staff reviews of proposals in the jurisdiction of the wetland agent and seven (7) inquiries which were permitted as of right activities or not in the wetland Commission's jurisdiction.

Description of BMP's and Samples of Work Performed

CONSTRUCTION SITE RUN OFF CONTROL #4-3

Inspection Program - >1/2 Acre

Responsible Party – Jennifer Rodriguez, Town Planner

Start Date: January 9, 2004 **End Date: January 1, 2017**

Activities scheduled for permit years:

Year #1	Year #2	Year #3	Year #4	Year #5
Year #6	Year #7	Year #8	Year #9	Year #10
			Year #11	Year #12
				Year #

Name of Implementing Group / Entity:
Land Use Department (Planning, Zoning, Wetlands)

BMP Description:
Inspection of construction sites shall be performed by the Zoning Officer, Wetlands Officer, Town Engineer or Public Works inspector depending on the work being inspected to determine compliance with zoning regulations/approvals, wetland regulations/approval or public works standards manual.

Measurable Goal:
Track number of site inspections performed and any problems identified. List any corrective actions required and re-inspection findings.

Year #3 –
Periodic inspections of 14 or more projects over a half acre of disturbance with an emphasis on monthly visits and/or after large storm events. Problem areas encountered included insufficient ant-tracking pad installation or upkeep, silt fence failure, bank erosion on four properties. Corrective actions were completed when re – inspected and future maintenance plans are in place including implementation of bonds for future work.

Year #4
12 inspections were held of projects over a half acre of disturbance with an emphasis on monthly visits and/or after large storm events. Problem areas encountered included insufficient ant-tracking pad installation or upkeep, silt fence failure, pond/stream bank erosion, sediment travel, construction sequence confusion. Corrective actions were completed when re – inspected and future maintenance plans are in place including implementation of bonds for future work.

Year #5
15 inspections were held of at least 3 projects over a half-acre of disturbance with an emphasis on monthly visits and/or after large storm events. Problem areas encountered included insufficient silt fence upkeep, pond/stream bank erosion, sediment travel. Corrective actions were completed when re – inspected and maintenance plans are in place including implementation of bonds for future work.

Year #6
Sixteen (16) inspections were held of at least 4 projects over a half-acre of disturbance with an emphasis on monthly visits and/or after large storm events. Problem areas encountered included insufficient silt fence upkeep, pond/stream bank erosion, sediment travel. Corrective actions were completed when re – inspected and maintenance plans are in place including implementation of bonds for future work.

Year #7
Sixteen (16) inspections were held of at least 4 projects over a half-acre of disturbance with an emphasis on monthly visits and/or after large storm events. Problem areas encountered included insufficient silt fence upkeep, pond/stream bank erosion, sediment travel. Corrective actions were completed when re-inspected and maintenance plans are in place including implementation of bonds for future work.

YEAR # 8
Twelve (12) inspections were held of 3 projects over a half-acre of disturbance with an emphasis on monthly visits and/or after large storm events. Problem areas encountered included insufficient silt fence upkeep and sediment travel. Corrective actions were completed when re – inspected and maintenance plans are in place including implementation of bonds for future work.

YEAR # 9
Ten (10) inspections were held of 3 projects over a half-acre of disturbance with an emphasis on monthly visits and/or after large storm events. Problem areas encountered included insufficient silt fence upkeep and sediment travel. Corrective actions were completed when re – inspected and maintenance plans are in place including implementation of bonds for future work.

Year #10
Thirteen (13) inspections were held of 3 projects over a half-acre of disturbance with an emphasis on monthly visits, after large storm events, and to monitor

mitigation. Problem areas encountered included insufficient silt fence upkeep, sediment travel, and silt sack maintenance. Corrective actions were completed when re-inspected and where maintenance plans are in place, including implementation of bonds for future work.

Year #11

Eight (8) inspections were held of 4 projects over a half-acre of disturbance with an emphasis on monthly visits, after large storm events, and to monitor mitigation. Problem areas encountered included insufficient silt fence, improper erosion control placement, and sediment travel. Corrective actions were completed when re-inspected and where maintenance plans are in place, including implementation of bonds for future work. A violation letter was mailed in once instance, resulting in corrective action.

Year #12 - 2015

At least fourteen (14) inspections were held of 4 projects over a half-acre of disturbance with an emphasis on monthly visits, after large storm events, and to monitor mitigation. Problem areas encountered included insufficient silt fence, improper erosion control placement, lack of anti-tracking pad, erosion at drainage structure and sediment travel. Corrective actions were required.

Year #13 – 2016

At least twenty two (22) inspections were held of 5 projects over a half-acre of disturbance with an emphasis on monthly visits, after large storm events, and to monitor mitigation. Problem areas encountered included insufficient silt fence, development of erosion and swales, lack of established lawn, improper location of drainage structure, size of rip-rap and sediment travel. Corrective actions were required and completed.

Description of BMP's and Samples of Work Performed

CONSTRUCTION SITE RUN OFF CONTROL #4 - 4

Inspection Program - <1/2 Acre

Responsible Party – Jennifer Rodriguez, Town Planner

Start Date: January 9, 2004 **End Date: January 1, 2017**

Activities scheduled for permit years:

Year #1	Year #2	Year #3	Year #4	Year #5
Year# 6	Year# 7	Year# 8	Year #9	Year #10
			Year #11	Year #12
				Year #13

Name of Implementing Group / Entity:
Land Use Department (Planning, Zoning, Wetlands)

BMP Description:
Inspection of construction sites shall be performed by Inland / Wetlands officer or Public Works inspector to determine compliance with regulations.

Measurable Goal:
Track number of site inspections performed and any problems identified. List any corrective actions required and re-inspection findings.

Year #3
Periodic inspections were performed on at least 10 projects less than a half acre of disturbance. At least 2 projects had problem areas related to erosion and sediment control. Enforcement actions were implemented and were re – inspected in early 2006 with successful results. Two additional projects will be checked in spring of 2007 for vegetation growth and sufficient stabilization. In addition four properties were referred to DEP for possible contamination and the discarding of debris.

Year #4
Periodic inspections were performed on at least 4 projects less than a half acre of disturbance. Problem areas were mostly related to erosion and sediment control measures. Enforcement actions were implemented and were re – inspected this spring with successful results.

Year #5
Periodic inspections found issues mostly related to failure of erosion and sediment control measures such as silt fence failure and hay/sediment wash out. Enforcement actions were implemented for six (6) issues reported in 2008 and were re – inspected this spring or summer depending on the site with successful results. Staff continues to observe slope stabilization, lawn establishment, flood area re-grading and general E&S measures prior to any bond release.

Year# 6
Periodic inspections found issues mostly related to failure of erosion and sediment control measures such as silt fence failure and hay/sediment wash out. Enforcement actions were implemented for four (4) issues reported in 2009 and were re – inspected with successful results. Staff continues to observe slope stabilization, lawn establishment, flood area re-grading and general E&S measures prior to any bond release.

Year# 7
Periodic inspections found issues mostly related to failure of erosion and sediment control measures such as silt fence failure and hay/sediment wash out. Enforcement actions were implemented for four (4) issues reported in 2010 and were re – inspected with successful results. Staff continues to observe slope stabilization, lawn establishment, flood area re-grading and general E&S measures prior to any bond release.

YEAR # 8
Periodic (at least 12) found issues mostly related to erosion and sediment travel, some storm related concerns, such as silt fence failure, debris and obstruction. Verbal request, letters and enforcement actions were implemented, properties were re – inspected with successful results in most cases. Staff continues to observe slope stabilization, lawn establishment, flood area re-grading and general E&S measures prior to any bond release.

YEAR # 9
Periodic (at least 16) found issues mostly related to erosion and sediment travel, some storm related concerns, such as silt fence failure, debris and obstruction. Verbal request, letters and enforcement actions were implemented, properties were re – inspected with successful results in most cases. Staff continues to observe slope stabilization, lawn establishment, flood area re-grading and general E&S measures prior to any bond release.

Year #10
At least (20) inspections found issues mostly related to erosion and sediment travel and some storm related concerns such as silt fence failure, debris and obstruction. Verbal request, letters and enforcement actions were implemented; properties were re-inspected with successful results in most cases. Staff continues to observe slope stabilization, lawn establishment, establishment of plantings for mitigation, and general E&S measures prior to any bond release.

Year #11

At least twenty-three (23) inspections found issues mostly related to erosion and sediment travel and improper installation/placement of silt fence and erosion control blankets. Verbal request, letters and enforcement actions were implemented; properties were re-inspected with successful results in most cases. Staff continues to observe slope stabilization, ground cover establishment, establishment of plantings for mitigation, and general E&S measures prior to any bond release.

Year #12 – 2015

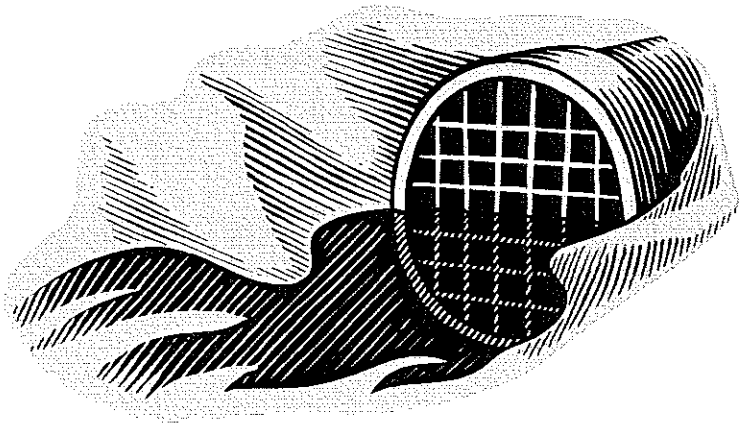
At least eight (8) inspections community wide were held where issues mostly related to erosion and sediment travel and improper installation/placement of silt fence and erosion control blankets were observed. Verbal request, letters and enforcement actions were implemented; properties were re-inspected with successful results in most cases. Staff continues to observe slope stabilization, ground cover establishment, establishment of plantings for mitigation, and general E&S measures prior to any bond release.

Year #13 – 2016

At least twenty two (22) inspections community wide were held where issues mostly related to erosion and sediment travel and improper installation/placement of silt fence and erosion control blankets were observed. These have been typical of smaller properties and single family home renovations, additions, new driveways etc. Verbal request, letters and enforcement actions were implemented; properties were re-inspected with successful results in most cases. Staff continues to observe slope stabilization, ground cover establishment, right of way permit projects, establishment of plantings for mitigation, and general E&S measures prior to any bond release.

MINIMUM CONTROL MEASURE:

POST-CONSTRUCTION RUNOFF CONTROL



Primary Contact Person for General Information:

Philip Sissick, Director of Public Works
6 Stanton Road
Windsor Locks, CT 06096
(860) 627-1405, ext 201

Description of BMP's and Samples of Work Performed

POST CONSTRUCTION RUNOFF CONTROL #5- 1

Regulation Enforcement

Responsible Party – Jennifer Rodriguez, Town Planner

Start Date: January 9, 2004 **End Date: January 1, 2017**

Activities scheduled for permit years:

Year #1	Year #2	Year #3	Year #4	Year #5
Year #6	Year #7	Year #8	Year #9	Year #10
			Year #11	Year #12
				Year #13

Name of Implementing Group / Entity:

Land Use Department

BMP Description:

The Town of Windsor Locks shall review existing zoning regulations and enforce those regulations, providing the ability to regulate polluted runoff that is generated from construction sites.

Measurable Goal:

Review existing regulations to meet requirements of MS4 permit and Erosion & Sediment Guidelines. Make necessary changes to regulations and enforce those changes while performing site inspections.

Year #3 –

Regulations were reviewed by the Assistant Zoning Officer/Planning Coordinator this year. Chapter X of the WLZR Sections 1001 – 1008 do meet requirements of the CT Guidelines for Erosion and Sediment Control regarding applicant E&S Control Plans. Section 1005 Minimum Acceptable Standards refers to the 1984 CT Guidelines for Erosion and Sediment Control. The Planning and Zoning Commission has approved additional driveway regulations and will consider rear lot regulations to include shared driveway and storm water runoff management at a January '07 hearing. The plan is to consider incorporating necessary amendments to refer to the new 2002 printing instead, in early 2007.

Year #4-

Regulations were reviewed by the Assistant Zoning Officer/Planning Coordinator in 2006. Chapter X of the WLZR Sections 1001 – 1008 does meet requirements of the CT Guidelines for Erosion and Sediment Control regarding applicant E&S Control Plans. Section 1005 Minimum Acceptable Standards refers to the 1984 CT Guidelines for Erosion and Sediment Control. The Planning and Zoning Commission has approved rear lot regulations to include shared driveway and storm water runoff management at a January '07 hearing. The commission plans to consider incorporating necessary amendments to refer to the new model flood management regulations, in early 2008. Our current regulations are being reviewed by DEP.

Year #5-
Regulations were reviewed by the WL land use staff. Chapters IX, X and XI of the WL Zoning Regulations and Chapter 7 of the WL IWW Regulations require plans acceptable to staff including the Engineering Consultant which provide measures for long term storm water management post-construction.

Year #6-
Systems were reviewed by staff, and do provide appropriate measures for long term storm water management post-construction.

Year #7
Systems were reviewed by staff, and do provide appropriate measures for long term storm water management post-construction.

YEAR # 8
Regulations were reviewed by staff. The regulations do provide appropriate measures for long term storm water management post-construction including seeking satisfaction of Engineering Consultant as needed.

YEAR # 9
The regulations do provide appropriate measures for long term storm water management post-construction including seeking satisfaction of Engineering Consultant as needed.

Year #10
The regulations do provide appropriate measures for long term storm water management post-construction including seeking satisfaction of Engineering Consultant as needed.

Year #11
The regulations do provide appropriate measures for long term storm water management post-construction including seeking satisfaction of Engineering Consultant as needed.

Year #12 -2015
The regulations do provide appropriate measures for long term storm water management post-construction including seeking satisfaction of Engineering Consultant as needed.

Year #13 -2016
The regulations do provide appropriate measures for long term storm water management post-construction including seeking satisfaction of Engineering Consultant as needed. Regulations will be reviewed by Town Staff to see where

they can be improved to be more of a best practice for today's standards and any new MS4 requirements.

Description of BMP's and Samples of Work Performed

POST CONSTRUCTION RUNOFF CONTROL #5 - 2

Ordinance / Regulatory Mechanism

Responsible Party – Jennifer Rodriguez, Town Planner

Start Date: January 9, 2004 **End Date: January 1, 2017**

Activities scheduled for permit years:

Year #1	Year #2	Year #3	Year #4	Year #5
Year# 6	Year# 7	Year# 8	Yea # 9	Year #10
			Year #11	Year #12
				Year #13

Name of Implementing Group / Entity:

Land Use Department

BMP Description:

The Town of Windsor Locks shall review the requirements of the MS4 Permit and develop an ordinance that will enforce the maintenance of BMP's.

Measurable Goal:

Develop an ordinance addressing the requirements within MS4 permit.

Year #3 –

Regulations were not reviewed by the Planning and Zoning Commission this year. The plan is to incorporate necessary amendments in early 2007.

Year #4-

Regulations were not reviewed by the Planning and Zoning Commission this year. The plan is to incorporate necessary amendments in early 2008.

Year #5 –

Regulations currently require all control measures and facilities to be maintained long-term in effective condition to ensure compliance with a certified plan.

Year# 6 -

Regulations currently require all control measures and facilities to be maintained long-term in effective condition to ensure compliance with a certified plan.

Year# 7-

Regulations currently require all control measures and facilities to be maintained long-term in effective condition to ensure compliance with a certified plan.

YEAR# 8

Regulations currently require all control measures and facilities to be maintained long-term in effective condition to ensure compliance with a certified plan.

YEAR# 9
Regulations currently require all control measures and facilities to be maintained long-term in effective condition to ensure compliance with a certified plan.

Year #10
Regulations currently require all control measures and facilities to be maintained long-term in effective condition to ensure compliance with a certified plan.

Year #11
Regulations currently require all control measures and facilities to be maintained long-term in effective condition to ensure compliance with a certified plan.

Year #12 – 2015
Regulations currently require all control measures and facilities to be maintained long-term in effective condition to ensure compliance with a certified plan. Staff continue to keep current on any new MS4 permit requirements for post Construction Runoff Control.

Year #13 – 2016
Regulations currently require all control measures and facilities to be maintained long-term in effective condition to ensure compliance with a certified plan. Staff continue to keep current on any new MS4 permit requirements for post Construction Runoff Control.

Description of BMP's and Samples of Work Performed

POST CONSTRUCTION RUNOFF CONTROL #5 - 3

Ordinance / Regulatory Mechanism

Responsible Party – Jennifer Rodriguez, Town Planner

Start Date: January 9, 2004 **End Date: January 1, 2017**

Activities scheduled for permit years:

Year #1	Year #2	Year #3	Year #4	Year #5
Year #6	Year #7	Year #8	Year #9	Year #10
			Year #11	Year #12
				Year #13

Name of Implementing Group / Entity:

Land Use Department

BMP Description:

Inspection of construction sites shall be performed by Zoning Officer, Wetland Agent, Town Engineer or Public Works Inspector as appropriate to determine compliance.

Measurable Goal:

Track number of site inspections performed and any problems identified. List any corrective actions required and re-inspection findings.

Year #3 –

At least 10 inspections were performed this year. Two project required additional erosion and sediment control measures to limit steep slope run-off. Enforcement actions and remedies were implemented and verified when re-inspected. Monthly reports will come to the IWWC until Spring '07. One remaining slope must be stabilized, the town is currently working with the owner, to be followed up on weekly into 2007 until work is completed.

Year #4-

Periodic inspections were performed on at least 4 projects less than a half acre of disturbance and a number more for properties over half an acre. Problem areas were mostly related to erosion and sediment control measures. Enforcement actions were implemented, and were re – inspected this Spring with successful results.

Year #5-

Eight (8) inspections were held of at least four (4) projects over a half-acre of disturbance with an emphasis on monthly visits and/or after large storm events. Problem areas encountered included sediment build up. Corrective actions and clean out are completed, needing to be re – inspected on a regular basis.

Year #6 –
Six (6) inspections were held of at least four (4) projects post construction with an emphasis after large storm events or if complaints arise. Problem areas encountered included sediment build up, swale reconstruction and bank stabilization. Corrective actions, mitigation work and clean out were completed, have been inspected on a regular basis.

Year #7 –
Six (6) inspections were held of at least four (4) projects post construction with an emphasis after large storm events or if complaints arise. Problem areas encountered included sediment build up, swale reconstruction and bank stabilization. Corrective actions, mitigation work and clean out were completed, have been inspected on a regular basis.

YEAR # 8
Four (4) projects were inspected post construction with an emphasis after large storm events or if complaints were reported. Problem areas encountered included sediment build up or debris needing to be cleared out. Corrective actions, mitigation work and clean out were completed, have been inspected on a regular basis.

YEAR # 9
Three (3) projects were inspected post construction with an emphasis after large storm events or if complaints were reported. Problem areas encountered included sediment travel, build up or debris needing to be cleared out. Corrective actions, mitigation work and clean out were completed, have been inspected on a regular basis.

Year # 10
Three (3) projects were inspected post construction with an emphasis after large storm events or if complaints were reported. Problem areas encountered included sediment travel, sediment build up, or debris needing to be cleared out. Corrective actions, mitigation work, and clearing out debris were completed and inspected on a regular basis.

Year # 11
Five (5) projects were inspected post construction with an emphasis after large storm events or if complaints were reported. Problem areas encountered included sediment travel, sediment build up, or additional erosion controls

needed. Corrective actions, mitigation work, and clearing out debris were completed and inspected on a regular basis.

Year #12

Four (4) projects were inspected post construction with an emphasis after large storm events or if complaints were reported. Problem areas encountered included structure debris, sediment travel, sediment build up, or additional erosion controls needed. Corrective actions, mitigation work, and clearing out debris were completed and inspected to ensure system function.

Year #13

Twenty four (24) inspections were conducted of ten (10) properties with an emphasis after large storm events, prior to certificate of use/occupancy or bond release or if complaints were reported. Problem areas encountered included sediment travel, sediment build up, or additional erosion controls needed. Bonds were withheld as needed, corrective actions and mitigation work were completed and inspected to ensure system function.

Description of BMP's and Samples of Work Performed

POST CONSTRUCTION RUNOFF CONTROL #5 - 4

Program ensuring long term operation / maintenance of BMP's

Responsible Party – Jennifer Rodriguez Town Planner

Start Date: January 9, 2004 **End Date: January 1, 2017**

Activities scheduled for permit years:

Year #1	Year #2	Year #3	Year #4	Year #5
Year #6	Year #7	Year #8	Year #9	Year #10
			Year #11	Year #12
				Year #13

Name of Implementing Group / Entity:

Land Use Department

BMP Description:

The Town of Windsor Locks shall review existing zoning regulations and enforce those regulations, providing the ability to regulate polluted runoff that is generated from construction sites.

Measurable Goal:

Develop a plan to implement structural and non structural BMP's.

Year #3 –

Regulations were not reviewed by the Planning and Zoning Commission this year. The plan is to incorporate any necessary amendments in early 2007.

Year #4-

Regulations were reviewed by Staff but were not discussed by the Planning and Zoning Commission this year. The plan is to incorporate any necessary amendments in early 2008.

Year #5-

Regulations will again be reviewed by staff and any necessary amendments which will provide the Town with additional ability to regulate polluted runoff will be presented to the various land use commissions in 2010.

Year #6 –

Policies will be reviewed by staff in 2010 and any necessary changes will be made in order to provide the Town with additional ability to control polluted runoff.

Year #7 –

Policies will be reviewed by staff in 2011 and any necessary changes will be made in order to provide the Town with additional ability to control polluted runoff.

YEAR # 8 -
Policies were reviewed by staff in 2011 and any necessary changes will be made in 2012 as needed to provide the Town with additional ability to control polluted runoff.

YEAR # 9
Policies were implemented by staff in 2012 and any necessary changes will be made in 2013 as needed to provide the Town with additional ability to control polluted runoff.

YEAR # 10
In 2013, Wetlands & Zoning staff and Engineering Consultant will meet to work on implementing new structural and non-structural BMP's to control polluted runoff.

YEAR # 11
In 2014, Wetlands & Zoning staff and Engineering Consultant will meet to work on implementing new structural and non-structural BMP's to control polluted runoff.

YEAR #12
In 2015 Planning, Zoning and Wetland staff as well as the Engineering Consultant will consider the need to implement new policies / structural and non-structural BMP's to control polluted runoff.

YEAR #13
In 2016 Planning, Zoning and Wetland staff as well as the Engineering Consultant considered the need to implement new policies / structural and non-structural BMP's to control polluted runoff. Considering that Windsor Locks is largely developed, we look to every opportunity with the Planning and Zoning Commission, during site plan review, to require that properties proportionally be brought up to standard in terms of stormwater treatment. We are beginning to review possible LID regulations and opportunities to implement projects retroactively and on Town controlled properties/projects.

Description of BMP's and Samples of Work Performed

POST CONSTRUCTION RUNOFF CONTROL #5 - 5

Inspection / Maintenance of Retention Basins & Structures

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #1	Year #2	Year #3	Year #4	Year #5
Year #6	Year #7	Year #8	Year #9	Year #10
			Year #11	Year #12
				Year #13

Name of Implementing Group / Entity:

Public Works Department

BMP Description:

Annual inspection and maintenance of detention / retention basins and associated structures by the Public Works Department.

Measurable Goal:

Track number of site inspections performed and any maintenance completed on an annual basis. Include in annual permit report.

YEAR #1

The Town has two detention / retention basins that are maintained by the Public Works Department. Annual inspections of these basins are performed in order to evaluate the condition of each. Inlets and outlets are cleared of any debris that may inhibit the function of the structure.

When maintaining active basins, where water is present, the outfalls are protected by silt fence and/or hay bales to reduce or eliminate the possibility of sand or sediment from entering the receiving watercourse.

FRANCES LANE - Cleaned November 19, 2004

STANTON ROAD – Cleaned December 10, 2004

YEAR #2

Both detention / retention basins were revisited for their annual inspection. Minor growth of vegetation was seen and removed during the fall of 2005.

YEAR #3

Both detention / retention basins were revisited for their annual inspection. Minor growth of vegetation was seen and removed during the fall of 2006.

YEAR #4

Both detention / retention basins were revisited for their annual inspection. Minor growth of vegetation was seen and removed during the fall of 2007.

YEAR #5
Both detention / retention basins were revisited for their annual inspection. Minor growth of vegetation was seen and removed during the fall of 2008. A new detention basin was added to our inspection list. It is located on the corner of Szepanski Drive and Acorn Drive.

YEAR #6
All three detention / retention basins were revisited for their annual inspection. Minor growth of vegetation was seen and removed during the fall of 2009.

YEAR #7
All three detention / retention basins were revisited for their annual inspection. Minor growth of vegetation was seen and removed during the fall of 2010.

YEAR #8
All three detention / retention basins were revisited for their annual inspection. Minor growth of vegetation was seen and removed during the fall of 2011. In the aftermath of Storm Alfred more trees and debris has also been addressed and removed.

YEAR #9
All three detention / retention basins were revisited for their annual inspection. Minor growth of vegetation was seen and removed during the fall of 2012. In the aftermath of Storm Alfred more trees and debris has also been addressed and removed.

YEAR #10
All three detention / retention basins were revisited for their annual inspection. Minor growth of vegetation was seen and removed during the fall of 2013.

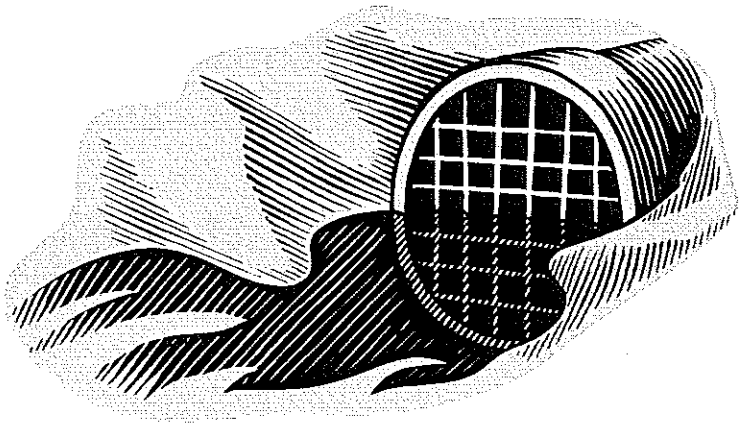
YEAR #11
All three detention / retention basins were revisited for their annual inspection. Minor growth of vegetation was seen and removed during the fall of 2014.

YEAR #12
All three detention / retention basins were revisited for their annual inspection. Minor growth of vegetation was seen and removed during the fall of 2015.

YEAR #12
All three detention / retention basins were revisited for their annual inspection. Minor growth of vegetation was seen and removed during the fall of 2016.

MINIMUM CONTROL MEASURE:

POLLUTION PREVENTION / GOOD HOUSEKEEPING



Primary Contact Person for General Information:

Philip Sissick, Director of Public Works
6 Stanton Road
Windsor Locks, CT 06096
(860) 627-1405, ext 201

Description of BMP's and Samples of Work Performed

POLLUTION PREVENTION / GOOD HOUSEKEEPING #6 - 1

Develop Training Program for Municipal Employees

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #2	Year #3	Year #4	Year #5	Year #6
Year #7	Year #8	Year #9	Year #10	Year #11

Name of Implementing Group / Entity:

Windsor Locks Public Works **Year #12**

BMP Description:

Develop an annual training program for Public Works Employees to help them understand the importance of good housekeeping within the Public Works Compound as well as out on the public roadways.

Measurable Goal:

Document those employees that took part in the annual training.

YEAR #2

As part of the employee's training program on how to detect illicit discharge a review of the proper use of washing of equipment was discussed. All employees were reminded that the washing of all vehicles shall take place within our wash station. This facility traps the sand and sediment in a holding tank while the wastewater discharges into an oil/grease separator before discharging into the sanitary sewer system.

YEAR #3

Again, as part of the employee's training program on how to detect illicit discharge a review of the proper use of washing of equipment was discussed. All employees were reminded that the washing of all vehicles shall take place within our wash station. This facility traps the sand and sediment in a holding tank while the wastewater discharges into an oil/grease separator before discharging into the sanitary sewer system.

YEAR #4

As part of the employee's training program on how to detect illicit discharge a review of the proper use of washing of equipment was discussed. All employees were reminded that the washing of all vehicles shall take place within our wash station. This facility traps the sand and sediment in a holding tank while the wastewater discharges into an oil/grease separator before discharging into the sanitary sewer system.

YEAR # 5
As part of the employee's training program on how to detect illicit discharge a review of the proper use of washing of equipment was discussed. All employees were reminded that the washing of all vehicles shall take place within our wash station. This facility traps the sand and sediment in a holding tank while the wastewater discharges into an oil/grease separator before discharging into the sanitary sewer system.

YEAR # 6
As part of the employee's training program on how to detect illicit discharge a review of the proper use of washing of equipment was discussed. All employees were reminded that the washing of all vehicles shall take place within our wash station. This facility traps the sand and sediment in a holding tank while the wastewater discharges into an oil/grease separator before discharging into the sanitary sewer system.

YEAR # 7
As part of the employee's training program on how to detect illicit discharge a review of the proper use of washing of equipment was discussed. All employees were reminded that the washing of all vehicles shall take place within our wash station. This facility traps the sand and sediment in a holding tank while the wastewater discharges into an oil/grease separator before discharging into the sanitary sewer system.

YEAR # 8
As part of the employee's training program on how to detect illicit discharge a review of the proper use of washing of equipment was discussed. All employees were reminded that the washing of all vehicles shall take place within our wash station. This facility traps the sand and sediment in a holding tank while the wastewater discharges into an oil/grease separator before discharging into the sanitary sewer system.

YEAR # 9
As part of the employee's training program on how to detect illicit discharge a review of the proper use of washing of equipment was discussed. All employees were reminded that the washing of all vehicles shall take place within our wash station. This facility traps the sand and sediment in a holding tank while the wastewater discharges into an oil/grease separator before discharging into the sanitary sewer system.

YEAR # 10

As part of the employee's training program on how to detect illicit discharge a review of the proper use of washing of equipment was discussed. All employees were reminded that the washing of all vehicles shall take place within our wash station. This facility traps the sand and sediment in a holding tank while the wastewater discharges into an oil/grease separator before discharging into the sanitary sewer system.

YEAR # 11

As part of the employee's training program on how to detect illicit discharge a review of the proper use of washing of equipment was discussed. All employees were reminded that the washing of all vehicles shall take place within our wash station. This facility traps the sand and sediment in a holding tank while the wastewater discharges into an oil/grease separator before discharging into the sanitary sewer system.

YEAR # 12

As part of the employee's training program on how to detect illicit discharge a review of the proper use of washing of equipment was discussed. All employees were reminded that the washing of all vehicles shall take place within our wash station. This facility traps the sand and sediment in a holding tank while the wastewater discharges into an oil/grease separator before discharging into the sanitary sewer system.

YEAR # 13

As part of the employee's training program on how to detect illicit discharge a review of the proper use of washing of equipment was discussed. All employees were reminded that the washing of all vehicles shall take place within our wash station. This facility traps the sand and sediment in a holding tank while the wastewater discharges into an oil/grease separator before discharging into the sanitary sewer system. Tailgate talks or morning conversations during assignments, discussions have taken place regarding the MS4 and the Clean Water Act. These conversations have included topics such topics as Green Infrastructure, Street sweeping, increasing vegetation in erosion prone areas etc.

Description of BMP's and Samples of Work Performed

POLLUTION PREVENTION / GOOD HOUSEKEEPING #6 - 2

Street Sweeping

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #1 Year #2 Year #3 Year #4 Year #5
Year #6 Year #7 Year #8 Year #9 Year#10
Year #9 Year #11

Name of Implementing Group / Entity:

Windsor Locks Public Works **Year #12**

BMP Description:

Mechanically remove winter sand from all publicly owned roadways and municipal parking lots as soon after snow melt occurs to prevent the sand and contaminants from entering the storm water system.

Measurable Goal:

Implement sweeping program on all public streets and parking lots.

YEAR #1

Municipal parking lots and roadway intersections showing signs of excess winter sand are periodically swept during the winter months, when the weather permits. Typically around the third week of March our Town-wide sweeping program begins. The Town roads are mechanically swept collecting the residual winter sand and resulting debris. The sweepings are stockpiled and used for fill when applicable.

YEAR #2

Municipal parking lots and roadway intersections showing signs of excess winter sand are periodically swept during the winter months, when the weather permits. Typically around the third week of March our Town-wide sweeping program begins. The Town roads are mechanically swept collecting the residual winter sand and resulting debris. The Town utilizes two sweepers to help expedite this process. The sweepings are stockpiled and used for fill when applicable.

YEAR #3

Municipal parking lots and roadway intersections showing signs of excess winter sand are periodically swept during the winter months, when the weather permits. Typically around the third week of March our Town-wide sweeping program begins. The Town roads are mechanically swept collecting the residual winter sand and resulting debris. The Town utilizes two sweepers to help expedite this process. The sweepings are stockpiled and used for fill when applicable.

YEAR #4
Municipal parking lots and roadway intersections showing signs of excess winter sand are periodically swept during the winter months, when the weather permits. Typically around the third week of March our Town-wide sweeping program begins. The Town roads are mechanically swept collecting the residual winter sand and resulting debris. The Town utilizes two sweepers to help expedite this process. The sweepings are stockpiled and used for fill when applicable.

YEAR # 5
Municipal parking lots and roadway intersections showing signs of excess winter sand are periodically swept during the winter months, when the weather permits. Typically around the third week of March our Town-wide sweeping program begins. The Town roads are mechanically swept collecting the residual winter sand and resulting debris. The Town utilizes two sweepers to help expedite this process. The sweepings are stockpiled and used for fill when applicable.

YEAR #6
Municipal parking lots and roadway intersections showing signs of excess winter sand are periodically swept during the winter months, when the weather permits. Typically around the third week of March our Town-wide sweeping program begins. The Town roads are mechanically swept collecting the residual winter sand and resulting debris. The Town utilizes two sweepers to help expedite this process. The sweepings are stockpiled and used for fill when applicable.

YEAR #7
Municipal parking lots and roadway intersections showing signs of excess winter sand are periodically swept during the winter months, when the weather permits. Typically around the third week of March our Town-wide sweeping program begins. The Town roads are mechanically swept collecting the residual winter sand and resulting debris. The Town utilizes two sweepers to help expedite this process. The sweepings are stockpiled and used for fill when applicable.

YEAR #8
Municipal parking lots and roadway intersections showing signs of excess winter sand are periodically swept during the winter months, when the weather permits. Typically around the third week of March our Town-wide sweeping program begins. The Town roads are mechanically swept collecting the residual winter sand and resulting debris. The Town utilizes two sweepers to help expedite this process. The sweepings are stockpiled and used for fill when applicable.

YEAR #9
Municipal parking lots and roadway intersections showing signs of excess winter sand are periodically swept during the winter months, when the weather permits. Typically around the third week of March our Town-wide sweeping program begins. The Town roads are mechanically swept collecting the residual winter sand and resulting debris. The Town utilizes two sweepers to help expedite this process. The sweepings are stockpiled and used for fill when applicable.

YEAR #10
Municipal parking lots and roadway intersections showing signs of excess winter sand are periodically swept during the winter months, when the weather permits. Typically around the third week of March our Town-wide sweeping program begins. The Town roads are mechanically swept collecting the residual winter sand and resulting debris. The Town utilizes two sweepers to help expedite this process. The sweepings are stockpiled and used for fill when applicable.

YEAR #11
Municipal parking lots and roadway intersections showing signs of excess winter sand are periodically swept during the winter months, when the weather permits. Typically around the third week of March our Town-wide sweeping program begins. The Town roads are mechanically swept collecting the residual winter sand and resulting debris. The Town utilizes two sweepers to help expedite this process. The sweepings are stockpiled and used for fill when applicable.

YEAR #12
Municipal parking lots and roadway intersections showing signs of excess winter sand are periodically swept during the winter months, when the weather permits. Typically around the third week of March our Town-wide sweeping program begins. The Town roads are mechanically swept collecting the residual winter sand and resulting debris. The Town utilizes two sweepers to help expedite this process. The sweepings are stockpiled and used for fill when applicable.

YEAR #13
Municipal parking lots and roadway intersections showing signs of excess winter sand are periodically swept during the winter months, when the weather permits. Typically around the third week of March our Town-wide sweeping program begins. Roads are swept as needed during and after projects that leave behind sediment on the road surface, an example of this project is after applying topsoil and seed to edge of road.

Description of BMP's and Samples of Work Performed

POLLUTION PREVENTION / GOOD HOUSEKEEPING #6 - 3

Street Sweeping Evaluation

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #2	Year #3	Year #4	Year #5	Year #6
Year #7	Year #8	Year #9	Year #10	Year #11
Windsor Locks Public Works		Year #12	**Year #13**	

BMP Description:

Periodically evaluate streets for need of additional street sweeping.

Measurable Goal:

Implement additional sweeping program on public streets and parking lots when necessary.

YEAR #2

After the initial street sweeping program has been completed, areas that may have been frozen or areas where residents have waited until the program has come to a finish are reviewed for possible re-sweeping. After our street sweeping program has gone through the Town completely, we send out two sweepers at opposite ends of the Town and continue to re-sweep all of the areas again.

YEAR #3

After the initial street sweeping program has been completed, areas that may have been frozen or areas where residents have waited until the program has come to a finish are reviewed for possible re-sweeping. After our street sweeping program has gone through the Town completely, we send out two sweepers at opposite ends of the Town and continue to re-sweep all of the areas again.

YEAR #4

After the initial street sweeping program has been completed, areas that may have been frozen or areas where residents have waited until the program has come to a finish are reviewed for possible re-sweeping. After our street sweeping program has gone through the Town completely, we send out two sweepers at opposite ends of the Town and continue to re-sweep all of the areas again.

YEAR # 5
After the initial street sweeping program has been completed, areas that may have been frozen or areas where residents have waited until the program has come to a finish are reviewed for possible re-sweeping. After our street sweeping program has gone through the Town completely, we send out two sweepers at opposite ends of the Town and continue to re-sweep all of the areas again.

YEAR # 6
After the initial street sweeping program has been completed, areas that may have been frozen or areas where residents have waited until the program has come to a finish are reviewed for possible re-sweeping. After our street sweeping program has gone through the Town completely, we send out two sweepers at opposite ends of the Town and continue to re-sweep all of the areas again. To help minimize the amount of sand deposited on the roadways, the Town has gone to a 50/50 mix of sand and salt. We have also incorporated two salt routes into our snow removal plan thereby reducing the amount of sand going into catch basins.

YEAR # 7
After the initial street sweeping program has been completed, areas that may have been frozen or areas where residents have waited until the program has come to a finish are reviewed for possible re-sweeping. After our street sweeping program has gone through the Town completely, we send out two sweepers at opposite ends of the Town and continue to re-sweep all of the areas again. To help minimize the amount of sand deposited on the roadways, the Town has gone to a 50/50 mix of sand and salt. We have also incorporated two salt routes into our snow removal plan thereby reducing the amount of sand going into catch basins.

YEAR # 8
After the initial street sweeping program has been completed, areas that may have been frozen or areas where residents have waited until the program has come to a finish are reviewed for possible re-sweeping. After our street sweeping program has gone through the Town completely, we send out two sweepers at opposite ends of the Town and continue to re-sweep all of the areas again. To help minimize the amount of sand deposited on the roadways, the Town has gone to a 7/2 mix of sand and salt. We are using seven parts of salt to two parts of sand. We have also incorporated two salt only routes into our snow removal plan thereby reducing the amount of sand going into catch basins.

YEAR # 9
After the initial street sweeping program has been completed, areas that may have been frozen or areas where residents have waited until the program has come to a finish are reviewed for possible re-sweeping. After our street sweeping program has gone through the Town completely, we send out two sweepers at opposite ends of the Town and continue to re-sweep all of the areas again. To help minimize the amount of sand deposited on the roadways, the Town has gone to a 8/1 mix of sand and salt. We are using seven parts of salt to two parts of sand. We have also incorporated two salt only routes into our snow removal plan thereby reducing the amount of sand going into catch basins.

YEAR # 10
After the initial street sweeping program has been completed, areas that may have been frozen or areas where residents have waited until the program has come to a finish are reviewed for possible re-sweeping. After our street sweeping program has gone through the Town completely, we send out our sweeper again to re-sweep all of the areas again. The Town has gone to 100% straight salt for ice / snow control except in rare instances where more traction is required. This procedure has drastically reduced the amount of sedimentation that gets into our storm collection system.

YEAR # 11
After the initial street sweeping program has been completed, areas that may have been frozen or areas where residents have waited until the program has come to a finish are reviewed for possible re-sweeping. After our street sweeping program has gone through the Town completely, we send out our sweeper again to re-sweep all of the areas again. The Town has gone to 100% straight salt for ice / snow control except in rare instances where more traction is required. This procedure has drastically reduced the amount of sedimentation that gets into our storm collection system.

YEAR # 12
After the initial street sweeping program has been completed, areas that may have been frozen or areas where residents have waited until the program has come to a finish are reviewed for possible re-sweeping. After our street sweeping program has gone through the Town completely, we send out our sweeper again to re-sweep all of the areas again. The Town has gone to 100% straight salt for ice / snow control except in rare instances where more traction is required. This procedure has drastically reduced the amount of sedimentation that gets into our storm collection system.

YEAR # 13
After the initial street sweeping program has been completed, areas that may have been frozen or areas where residents have waited until the program has come to a finish are reviewed for possible re-sweeping. After our street sweeping

program has gone through the Town completely, we send out our sweeper again to re-sweep all of the areas again. The Town has gone to 100% straight salt for ice / snow control except in rare instances where more traction is required. This procedure has drastically reduced the amount of sedimentation that gets into our storm collection system.

Description of BMP's and Samples of Work Performed

POLLUTION PREVENTION / GOOD HOUSEKEEPING #6 – 4, 5

Catch Basin Cleaning / Inspection

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #1	Year #2	Year #3	Year #4	Year #5
Year #6	Year #7	Year #8	Year #9	Year #10
Name of Implementing Group / Entity:			Year #11	**Year #12**
Windsor Locks Public Works			Year #13	

BMP Description:

Remove sand and sediment from all catch basins and other related structures to reduce the risk of discharge into receiving water bodies. Annual inspections shall determine which storm water structures shall be cleaned on an annual basis. Basins located in "sag points" of the road may require additional cleanings.

Measurable Goal:

Quantify the number of structures cleaned annually.

YEAR #1

On an annual basis, the Town contracts out the cleaning of its 1800 catch basins. This cleaning process is done utilizing the vacuum process rather than the scoop method. The Department of Public Works supplies a representative to analyze each structure for cleanliness as well as any structural damage that may have taken place. The basins needing work are then prioritized and placed on a list for repair.

YEAR #2

On an annual basis, the Town contracts out the cleaning of its 1800 catch basins. This cleaning process is done utilizing the vacuum process. The Department of Public Works supplies a representative to analyze each structure for cleanliness as well as any structural damage that may have taken place. The basins needing work are then prioritized and placed on a list for repair.

YEAR #3

On an annual basis, the Town contracts out the cleaning of its 1800 catch basins. This cleaning process is done utilizing the vacuum process. The Department of Public Works supplies a representative to analyze each structure for cleanliness as well as any structural damage that may have taken place. The basins needing work are then prioritized and placed on a list for repair

YEAR #4

On an annual basis, the Town contracts out the cleaning of its 1800 catch basins. This cleaning process is done utilizing the vacuum process. The Department of Public Works supplies a representative to analyze each structure for cleanliness as well as any structural damage that may have taken place. The DPW has now purchased our own Vac-All to clean our own basins.

YEAR # 5
On an annual basis, the Town contracts out the cleaning of its 1800 catch basins. This cleaning process is done utilizing the vacuum process. The Department of Public Works supplies a representative to analyze each structure for cleanliness as well as any structural damage that may have taken place. The DPW has now purchased our own Vac-All to clean our own basins

YEAR # 6
On an annual basis, the Town cleans 1800 catch basins. This cleaning process is done utilizing the vacuum process. The Department of Public Works evaluates each structure for cleanliness as well as any structural damage that may have taken place. The DPW has now purchased our own Vac-All to clean our own basins.

YEAR # 7
On an annual basis, the Town cleans 1800 catch basins. This cleaning process is done utilizing the vacuum process. The Department of Public Works evaluates each structure for cleanliness as well as any structural damage that may have taken place. The DPW has now purchased our own Vac-All to clean our own basins. Catch basins in low-lying areas are placed on a list for more periodic cleanings.

YEAR # 8
On an annual basis, the Town cleans 1800 catch basins. This cleaning process is done utilizing the vacuum process. The Department of Public Works evaluates each structure for cleanliness as well as any structural damage that may have taken place. The DPW has now purchased our own Vac-All to clean our own basins. Catch basins in low-lying areas are placed on a list for more periodic cleanings. Catch basins needing to be rebuilt or replaced are reported to the Supervisor for prioritization.

YEAR # 9
On an annual basis, the Town inspects / cleans 1800 catch basins. This cleaning process is done utilizing the vacuum process. The Department of Public Works evaluates each structure for cleanliness as well as any structural damage that may have taken place. The DPW has now purchased our own Vac-All to clean our own basins. Catch basins in low-lying areas are placed on a list for more periodic cleanings. Catch basins needing to be rebuilt or replaced are reported to the Supervisor for prioritization.

YEAR # 10
On an annual basis, the Town inspects / cleans 1800 catch basins. This cleaning process is done utilizing the vacuum process. The Department of Public Works evaluates each structure for cleanliness as well as any structural damage that may have taken place. The DPW has now purchased our own Vac-All to clean our own basins. Catch basins in low-lying areas are placed on a list for more periodic cleanings. Catch basins needing to be rebuilt or replaced are reported to the Supervisor for prioritization.

YEAR # 11

On an annual basis, the Town inspects / cleans 1800 catch basins. This cleaning process is done utilizing the vacuum process. The Department of Public Works evaluates each structure for cleanliness as well as any structural damage that may have taken place. The DPW has now purchased our own Vac-All to clean our own basins. Catch basins in low-lying areas are placed on a list for more periodic cleanings. Catch basins needing to be rebuilt or replaced are reported to the Supervisor for prioritization.

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YEAR # 12

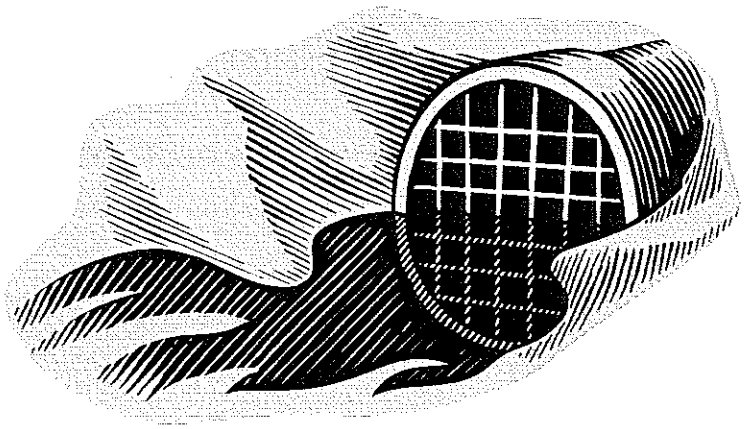
On an annual basis, the Town inspects / cleans 1800 catch basins. This cleaning process is done utilizing the vacuum process. The Department of Public Works evaluates each structure for cleanliness as well as any structural damage that may have taken place. The DPW has now purchased our own Vac-All to clean our own basins. Catch basins in low-lying areas are placed on a list for more periodic cleanings. Catch basins needing to be rebuilt or replaced are reported to the Supervisor for prioritization.

YEAR # 13

On an annual basis, the Town inspects / cleans 1800 catch basins. This cleaning process is done utilizing the vacuum process. The Department of Public Works evaluates each structure for cleanliness as well as any structural damage that may have taken place. The DPW has now purchased our own Vac-All to clean our own basins. Catch basins in low-lying areas are placed on a list for more periodic cleanings. Catch basins needing to be rebuilt or replaced are reported to the Supervisor for prioritization.

MINIMUM CONTROL MEASURE:

MONITORING OF OUTFALLS



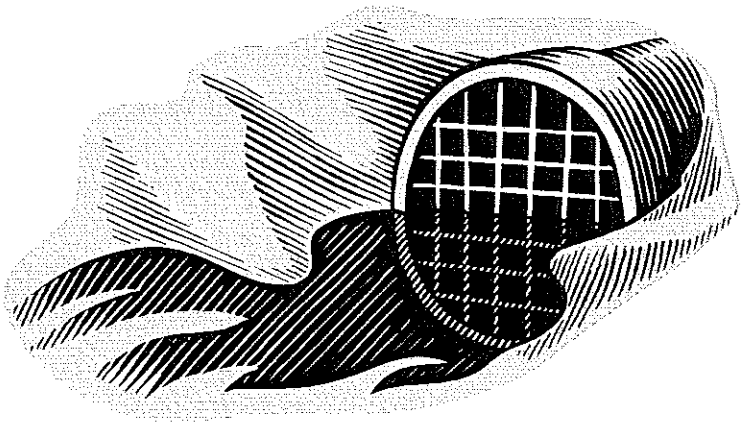
Primary Contact Person for General Information:

Philip Sissick, Director of Public Works
6 Stanton Road
Windsor Locks, CT 06096
(860) 627-1405, ext 201

MINIMUM CONTROL MEASURE:

WET WEATHER SAMPLING OF

SIX OUTFALLS



Primary Contact Person for General Information:

Philip Sissick, Director of Public Works
6 Stanton Road
Windsor Locks, CT 06096
(860) 627-1405, ext 201

Description of BMP's and Samples of Work Performed

MONITORING OUTFALLS S-1

Wet Sampling of outfalls annually

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #2	Year #3	Year #4	Year #5	Year #6
Year #7	Year#8	Year #9	Year #10	Year #11
			Year #12	**Year #13**

Name of Implementing Group / Entity:
Windsor Locks Public Works –
Contracted Services

BMP Description:
On an annual basis, the Town of Windsor Locks contracts with a Consulting Engineer to test six locations within the Towns limits. Two residential, two commercial and two industrial.

Measurable Goal:
To evaluate outfalls from different parts of Town to detect if any illegal discharging is taking place.

YEAR #2
Please see attached survey from Tighe & Bond.

YEAR #3
Please see attached survey from Tighe & Bond.

YEAR #4
Please see attached survey from Tighe & Bond.

YEAR #5
Please see attached survey from Tighe & Bond.

YEAR #6
Please see attached survey from Tighe & Bond.

YEAR #7
Please see attached survey from Tighe & Bond.

YEAR #8
Please see attached survey from Tighe & Bond.

YEAR #9
Please see attached survey from ESS Group.

YEAR #10
Please see attached survey from ESS Group.

YEAR #11
Please see attached survey from ESS Group.

YEAR #12
Please see attached survey from ESS Group.

YEAR #13
Please see attached survey from ESS Group. It is important to note that dry weather this year severely limited the opportunity to collect samples. Several attempts were made unsuccessfully.

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

Stormwater Monitoring Report Form

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

PERMITTEE INFORMATION

Town: Windsor Locks

Mailing Address: Windsor Locks Public Works, 6 Stanton Rd, Windsor Locks, CT 06096

Contact Person: Philip J. Sissick Title: Director of Public Works

Phone: 860-627-1405 Permit Registration #GSM: 000010

SAMPLING INFORMATION

Discharge Location (Lat/Long or other description): Sample WL-1 (Webb) N41.919017 W -72.630903

Please check the appropriate area description: ☐ Industrial ☐ Commercial ☒ Residential

Receiving Water (name, basin): Dibble Hollow Brook (4000)

Time of Start of Discharge: 9:00

Date/Time Collected: 11/15/2016 13:10 Water Temperature: 9.4 C

Person Collecting Sample: Anna Chase (ESS Group, Inc.)

Storm Magnitude (inches): 0.70 Storm Duration (hours): 8

Date of Previous Storm Event: 10/30/2016

MONITORING RESULTS

Parameter	Method	Results (units)	Laboratory
Sample pH	4500-HB	6.69 pH units	Phoenix - Manchester, CT
Rain pH	Field	6.0 pH units	NA
Hardness	200.7	12.8 mg/L	Phoenix - Manchester, CT
Conductivity	SM2510B	53 umhos/cm	Phoenix - Manchester, CT
Oil & Grease	1664A	<1.4 mg/L	Phoenix - Manchester, CT
COD	SM5220D	69 mg/L	Phoenix - Manchester, CT
Turbidity	SM2130B	12.7 NTU	Phoenix - Manchester, CT
TSS	SM2540D	46 mg/L	Phoenix - Manchester, CT
TP	SM4500PE	0.355 mg/L	Phoenix - Manchester, CT
Ammonia	350.1	0.17 mg/L	Phoenix - Manchester, CT
TKN	351.1	1.00 mg/L	Phoenix - Manchester, CT
NO_3+NO_2	353.2	0.34 mg/L	Phoenix - Manchester, CT
E. coli	SM9223B	2600 MPN/100 mL	Phoenix - Manchester, CT

STATEMENT OF ACKNOWLEDGMENT

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

Authorized Official: Philip J. Sissick
(Print Name)

Signature: _____ Date: 12/1/16

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

Stormwater Monitoring Report Form

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

PERMITTEE INFORMATION

Town: Windsor Locks

Mailing Address: Windsor Locks Public Works, 6 Stanton Rd, Windsor Locks, CT 06096

Contact Person: Philip J. Sissick Title: Director of Public Works

Phone: 860-627-1405 Permit Registration #GSM: 000010

SAMPLING INFORMATION

Discharge Location (Lat/Long or other description): Sample WL-2 (SM Outlet - alternate location) N41.934323 W -72.630922

Please check the appropriate area description: ☐ Industrial ☒ Commercial ☐ Residential

Receiving Water (name, basin): Connecticut River (4000-00)

Time of Start of Discharge: 9:00

Date/Time Collected: 11/15/2016 12:55 Water Temperature: 9.0 C

Person Collecting Sample: Anna Chase (ESS Group, Inc.)

Storm Magnitude (inches): 0.70 Storm Duration (hours): 8

Date of Previous Storm Event: 10/30/2016

MONITORING RESULTS

Parameter	Method	Results (units)	Laboratory
Sample pH	4500-HB	7.88 pH units	Phoenix - Manchester, CT
Rain pH	Field	6.0 pH units	NA
Hardness	200.7	181 mg/L	Phoenix - Manchester, CT
Conductivity	SM2510B	496 umhos/cm	Phoenix - Manchester, CT
Oil & Grease	1664A	<1.4 mg/L	Phoenix - Manchester, CT
COD	SM5220D	44 mg/L	Phoenix - Manchester, CT
Turbidity	SM2130B	22.8 NTU	Phoenix - Manchester, CT
TSS	SM2540D	46 mg/L	Phoenix - Manchester, CT
TP	SM4500PE	0.238 mg/L	Phoenix - Manchester, CT
Ammonia	350.1	0.12 mg/L	Phoenix - Manchester, CT
TKN	351.1	0.76 mg/L	Phoenix - Manchester, CT
NO_3+NO_2	353.2	1.30 mg/L	Phoenix - Manchester, CT
E. coli	SM9223B	346 MPN/100 mL	Phoenix - Manchester, CT

STATEMENT OF ACKNOWLEDGMENT

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

Authorized Official: Philip J. Sissick
(Print Name)

Signature: _____ Date: 12/1/16

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

Stormwater Monitoring Report Form

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

PERMITTEE INFORMATION

Town: Windsor Locks

Mailing Address: Windsor Locks Public Works, 6 Stanton Rd, Windsor Locks, CT 06096

Contact Person: Philip J. Sissick Title: Director of Public Works

Phone: 860-627-1405 Permit Registration #GSM: 000010

SAMPLING INFORMATION

Discharge Location (Lat/Long or other description): Sample WL-3(Northgate) N41.939345 W -72.655423

Please check the appropriate area description: ☐ Industrial ☒ Commercial ☐ Residential

Receiving Water (name, basin): Connecticut River (4000-00)

Time of Start of Discharge: 9:00

Date/Time Collected: 11/15/2016 10:45 Water Temperature: 13.7 C

Person Collecting Sample: Anna Chase (ESS Group, Inc.)

Storm Magnitude (inches): 0.70 Storm Duration (hours): 8

Date of Previous Storm Event: 10/30/2016

MONITORING RESULTS

Parameter	Method	Results (units)	Laboratory
Sample pH	4500-HB	6.38 pH units	Phoenix - Manchester, CT
Rain pH	Field	6.0 pH units	NA
Hardness	200.7	7.2 mg/L	Phoenix - Manchester, CT
Conductivity	SM2510B	46 umhos/cm	Phoenix - Manchester, CT
Oil & Grease	1664A	<1.4 mg/L	Phoenix - Manchester, CT
COD	SM5220D	69 mg/L	Phoenix - Manchester, CT
Turbidity	SM2130B	10.8 NTU	Phoenix - Manchester, CT
TSS	SM2540D	56 mg/L	Phoenix - Manchester, CT
TP	SM4500PE	0.143 mg/L	Phoenix - Manchester, CT
Ammonia	350.1	1.97 mg/L	Phoenix - Manchester, CT
TKN	351.1	2.96 mg/L	Phoenix - Manchester, CT
NO_3+NO_2	353.2	1.83 mg/L	Phoenix - Manchester, CT
E. coli	SM9223B	<10 MPN/100 mL	Phoenix - Manchester, CT

STATEMENT OF ACKNOWLEDGMENT

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

Authorized Official: Philip J. Sissick
(Print Name)

Signature: _____ Date: 12/1/16

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

Stormwater Monitoring Report Form

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

PERMITTEE INFORMATION

Town: Windsor Locks

Mailing Address: Windsor Locks Public Works, 6 Stanton Rd, Windsor Locks, CT 06096

Contact Person: Philip J. Sissick Title: Director of Public Works

Phone: 860-627-1405 Permit Registration #GSM: 000010

SAMPLING INFORMATION

Discharge Location (Lat/Long or other description): Sample WL-4(Loten) N41.920885 W -72.668600

Please check the appropriate area description: ☒ Industrial ☐ Commercial ☐ Residential

Receiving Water (name, basin): Farmington River tributary (4300-53)

Time of Start of Discharge: 9:00

Date/Time Collected: 11/15/2016 12:15 Water Temperature: 11.1 C

Person Collecting Sample: Anna Chase (ESS Group, Inc.)

Storm Magnitude (inches): 0.70 Storm Duration (hours): 8

Date of Previous Storm Event: 10/30/2016

MONITORING RESULTS

Parameter	Method	Results (units)	Laboratory
Sample pH	4500-HB	7.12 pH units	Phoenix - Manchester, CT
Rain pH	Field	6.0 pH units	NA
Hardness	200.7	18.9 mg/L	Phoenix - Manchester, CT
Conductivity	SM2510B	112 umhos/cm	Phoenix - Manchester, CT
Oil & Grease	1664A	3.2 mg/L	Phoenix - Manchester, CT
COD	SM5220D	101 mg/L	Phoenix - Manchester, CT
Turbidity	SM2130B	17.5 NTU	Phoenix - Manchester, CT
TSS	SM2540D	26 mg/L	Phoenix - Manchester, CT
TP	SM4500PE	0.239 mg/L	Phoenix - Manchester, CT
Ammonia	350.1	1.47 mg/L	Phoenix - Manchester, CT
TKN	351.1	2.69 mg/L	Phoenix - Manchester, CT
NO_3+NO_2	353.2	1.70 mg/L	Phoenix - Manchester, CT
E. coli	SM9223B	74 MPN/100 mL	Phoenix - Manchester, CT

STATEMENT OF ACKNOWLEDGMENT

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

Authorized Official: Philip J. Sissick
(Print Name)

Signature: _____ Date: 12/1/16

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

Stormwater Monitoring Report Form

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

PERMITTEE INFORMATION

Town: Windsor Locks

Mailing Address: Windsor Locks Public Works, 6 Stanton Rd, Windsor Locks, CT 06096

Contact Person: Philip J. Sissick Title: Director of Public Works

Phone: 860-627-1405 Permit Registration #GSM: 000010

SAMPLING INFORMATION

Discharge Location (Lat/Long or other description): Sample WL-5(Fox) N41.919921 W -72.663972

Please check the appropriate area description: ☐ Industrial ☐ Commercial ☒ Residential

Receiving Water (name, basin): Farmington River tributary (4300-53)

Time of Start of Discharge: 9:00

Date/Time Collected: 11/15/2016 12:30 Water Temperature: 8.8 C

Person Collecting Sample: Anna Chase (ESS Group, Inc.)

Storm Magnitude (inches): 0.70 Storm Duration (hours): 8

Date of Previous Storm Event: 10/30/2016

MONITORING RESULTS

Parameter	Method	Results (units)	Laboratory
Sample pH	4500-HB	6.65 pH units	Phoenix - Manchester, CT
Rain pH	Field	6.0 pH units	NA
Hardness	200.7	9.1 mg/L	Phoenix - Manchester, CT
Conductivity	SM2510B	20 umhos/cm	Phoenix - Manchester, CT
Oil & Grease	1664A	8.2 mg/L	Phoenix - Manchester, CT
COD	SM5220D	92 mg/L	Phoenix - Manchester, CT
Turbidity	SM2130B	49.7 NTU	Phoenix - Manchester, CT
TSS	SM2540D	100 mg/L	Phoenix - Manchester, CT
TP	SM4500PE	0.589 mg/L	Phoenix - Manchester, CT
Ammonia	350.1	0.22 mg/L	Phoenix - Manchester, CT
TKN	351.1	0.89 mg/L	Phoenix - Manchester, CT
NO_3+NO_2	353.2	0.16 mg/L	Phoenix - Manchester, CT
E. coli	SM9223B	51 MPN/100 mL	Phoenix - Manchester, CT

STATEMENT OF ACKNOWLEDGMENT

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

Authorized Official: Philip J. Sissick
(Print Name)

Signature: _____ Date: 12/1/16

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

Stormwater Monitoring Report Form

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

PERMITTEE INFORMATION

Town: Windsor Locks

Mailing Address: Windsor Locks Public Works, 6 Stanton Rd, Windsor Locks, CT 06096

Contact Person: Philip J. Sissick Title: Director of Public Works

Phone: 860-627-1405 Permit Registration #GSM: 000010

SAMPLING INFORMATION

Discharge Location (Lat/Long or other description): Sample WL-6 (DPW) N41.915106 W -72.627324

Please check the appropriate area description: ☒ Industrial ☐ Commercial ☐ Residential

Receiving Water (name, basin): Dibble Hollow Brook (4000-13)

Time of Start of Discharge: 9:00

Date/Time Collected: 11/15/2016 13:30 Water Temperature: 9.7 C

Person Collecting Sample: Anna Chase (ESS Group, Inc.)

Storm Magnitude (inches): 0.70 Storm Duration (hours): 8

Date of Previous Storm Event: 10/30/2016

MONITORING RESULTS

Parameter	Method	Results (units)	Laboratory
Sample pH	4500-HB	6.79 pH units	Phoenix - Manchester, CT
Rain pH	Field	6.0 pH units	NA
Hardness	200.7	6.5 mg/L	Phoenix - Manchester, CT
Conductivity	SM2510B	20 umhos/cm	Phoenix - Manchester, CT
Oil & Grease	1664A	1.4 mg/L	Phoenix - Manchester, CT
COD	SM5220D	39 mg/L	Phoenix - Manchester, CT
Turbidity	SM2130B	29.2 NTU	Phoenix - Manchester, CT
TSS	SM2540D	47 mg/L	Phoenix - Manchester, CT
TP	SM4500PE	0.131 mg/L	Phoenix - Manchester, CT
Ammonia	350.1	0.14 mg/L	Phoenix - Manchester, CT
TKN	351.1	0.47 mg/L	Phoenix - Manchester, CT
NO_3+NO_2	353.2	0.10 mg/L	Phoenix - Manchester, CT
E. coli	SM9223B	<10 MPN/100 mL	Phoenix - Manchester, CT

STATEMENT OF ACKNOWLEDGMENT

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

Authorized Official: Philip J. Sissick
(Print Name)

Signature: _____ Date: 12/1/16

PHOENIX
Environmental Laboratories, Inc.

Tuesday, November 22, 2016

Attn: Mr Matt Ladewig
ESS Group Inc.
10 Hemingway Drive 2nd Floor
Riverside, RI 02915-2224

Project ID:
Sample ID#s: BV82950 - BV82955

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 22, 2016

FOR: Attn: Mr Matt Ladewig
ESS Group Inc.
10 Hemingway Drive 2nd Floor
Riverside, RI 02915-2224

Sample Information		Custody Information		Date	Time
Matrix:	STORM WATER	Collected by:		11/15/16	13:30
Location Code:	ESSGRPRI	Received by:	LB	11/15/16	14:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV82950
Phoenix ID: BV82950

Project ID:
Client ID: DPW

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Hardness (CaCO3)	6.5	0.1	mg/L	1	11/17/16		E200.7
Escherichia Coli	<10	10	MPN/100 mls	10	11/15/16 16:30	:B/RM/KDI	SM9223B-04
Total Coliforms	>24200	10	MPN/100 mls	10	11/15/16 16:30	:B/RM/KDI	SW9223B
C.O.D.	39	10	mg/L	1	11/17/16	MSF	SM5220D-97
Conductivity	20	5.00	umhos/cm	1	11/15/16	RR/EG	SM2510B-97
Ammonia as Nitrogen	0.14	0.05	mg/L	1	11/18/16	WHM	E350.1
Nitrate-Nitrite (N)	0.10	0.01	mg/L	1	11/16/16	GD	E353.2
Oil and Grease by EPA 1664	1.4	1.4	mg/L	1	11/18/16	MSF	E1664A
pH	6.79	0.10	pH Units	1	11/15/16 21:52	RR/EG	SM4500-H B-00
Nitrogen Tot Kjeldahl	0.47	0.10	mg/L	1	11/18/16	WHM	E351.1
Phosphorus, as P	0.131	0.010	mg/L	1	11/18/16	JR	SM4500PE-99
Total Suspended Solids	47	5.0	mg/L	1	11/16/16	KH	SM2540D-97
Turbidity	29.2	0.20	NTU	1	11/15/16 17:26	RWR	SM2130B-01
Total Metals Digestion	Completed				11/15/16	AG	

Project ID:
Client ID: DPW

Phoenix I.D.: BV82950

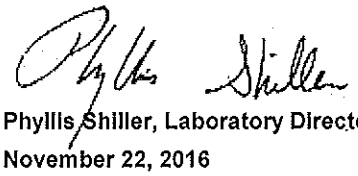
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director
November 22, 2016
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 22, 2016

FOR: Attn: Mr Matt Ladewig
ESS Group Inc.
10 Hemingway Drive 2nd Floor
Riverside, RI 02915-2224

Sample Information		Custody Information		Date	Time
Matrix:	STORM WATER	Collected by:		11/15/16	13:10
Location Code:	ESSGRPRI	Received by:	LB	11/15/16	14:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV82950
Phoenix ID: BV82951

Project ID:
Client ID: WEBB

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Hardness (CaCO3)	12.8	0.1	mg/L	1	11/17/16		E200.7
Escherichia Coli	2600	10	MPN/100 mls	10	11/15/16 16:30	:B/RM/KDI	SM9223B-04
Total Coliforms	>24200	10	MPN/100 mls	10	11/15/16 16:30	:B/RM/KDI	SW9223B
C.O.D.	69	10	mg/L	1	11/17/16	MSF	SM5220D-97
Conductivity	53	5.00	umhos/cm	1	11/15/16	RR/EG	SM2510B-97
Ammonia as Nitrogen	0.17	0.05	mg/L	1	11/18/16	WHM	E350.1
Nitrate-Nitrite (N)	0.34	0.01	mg/L	1	11/16/16	GD	E353.2
Oil and Grease by EPA 1664	< 1.4	1.4	mg/L	1	11/18/16	MSF	E1664A
pH	6.69	0.10	pH Units	1	11/15/16 21:55	RR/EG	SM4500-H B-00
Nitrogen Tot Kjeldahl	1.00	0.10	mg/L	1	11/18/16	WHM	E351.1
Phosphorus, as P	0.355	0.010	mg/L	1	11/18/16	JR	SM4500PE-99
Total Suspended Solids	46	5.0	mg/L	1	11/16/16	KH	SM2540D-97
Turbidity	12.7	0.20	NTU	1	11/15/16 17:27	RWR	SM2130B-01
Total Metals Digestion	Completed				11/15/16	AG	

Project ID:
Client ID: WEBB

Phoenix I.D.: BV82951

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
November 22, 2016
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 22, 2016

FOR: Attn: Mr Matt Ladewig
ESS Group Inc.
10 Hemingway Drive 2nd Floor
Riverside, RI 02915-2224

Sample Information		Custody Information		Date	Time
Matrix:	STORM WATER	Collected by:		11/15/16	12:55
Location Code:	ESSGRPRI	Received by:	LB	11/15/16	14:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV82950
Phoenix ID: BV82952

Project ID:
Client ID: SM OUTLET

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Hardness (CaCO3)	181	0.1	mg/L	1	11/17/16		E200.7
Escherichia Coli	346	10	MPN/100 mls	10	11/15/16 16:30	:B/RM/KDI	SM9223B-04
Total Coliforms	>24200	10	MPN/100 mls	10	11/15/16 16:30	:B/RM/KDI	SW9223B
C.O.D.	44	10	mg/L	1	11/17/16	MSF	SM5220D-97
Conductivity	496	5.00	umhos/cm	1	11/15/16	RR/EG	SM2510B-97
Ammonia as Nitrogen	0.12	0.05	mg/L	1	11/18/16	WHM	E350.1
Nitrate-Nitrite (N)	1.30	0.01	mg/L	1	11/16/16	GD	E353.2
Oil and Grease by EPA 1664	< 1.4	1.4	mg/L	1	11/18/16	MSF	E1664A
pH	7.88	0.10	pH Units	1	11/15/16 21:58	RR/EG	SM4500-H B-00
Nitrogen Tot Kjeldahl	0.76	0.10	mg/L	1	11/18/16	WHM	E351.1
Phosphorus, as P	0.238	0.010	mg/L	1	11/18/16	JR	SM4500PE-99
Total Suspended Solids	46	5.0	mg/L	1	11/16/16	KH	SM2540D-97
Turbidity	22.8	0.20	NTU	1	11/15/16 17:27	RWR	SM2130B-01
Total Metals Digestion	Completed				11/15/16	AG	

Project ID:
Client ID: SM OUTLET

Phoenix I.D.: BV82952

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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Phyllis Shiller, Laboratory Director
November 22, 2016
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 22, 2016

FOR: Attn: Mr Matt Ladewig
ESS Group Inc.
10 Hemingway Drive 2nd Floor
Riverside, RI 02915-2224

Sample Information		Custody Information		Date	Time
Matrix:	STORM WATER	Collected by:		11/15/16	10:45
Location Code:	ESSGRPRI	Received by:	LB	11/15/16	14:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV82950
Phoenix ID: BV82953

Project ID:
Client ID: NORTHGATE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Hardness (CaCO3)	7.2	0.1	mg/L	1	11/17/16		E200.7
Escherichia Coli	<10	10	MPN/100 mls	10	11/15/16 16:30	:B/RM/KDI	SM9223B-04
Total Coliforms	798	10	MPN/100 mls	10	11/15/16 16:30	:B/RM/KDI	SW9223B
C.O.D.	69	10	mg/L	1	11/17/16	MSF	SM5220D-97
Conductivity	46	5.00	umhos/cm	1	11/15/16	RR/EG	SM2510B-97
Ammonia as Nitrogen	1.97	0.05	mg/L	1	11/18/16	WHM	E350.1
Nitrate-Nitrite (N)	1.83	0.01	mg/L	1	11/16/16	GD	E353.2
Oil and Grease by EPA 1664	< 1.4	1.4	mg/L	1	11/18/16	MSF	E1664A
pH	6.38	0.10	pH Units	1	11/15/16 22:01	RR/EG	SM4500-H B-00
Nitrogen Tot Kjeldahl	2.96	0.10	mg/L	1	11/18/16	WHM	E351.1
Phosphorus, as P	0.143	0.010	mg/L	1	11/18/16	JR	SM4500PE-99
Total Suspended Solids	56	5.0	mg/L	1	11/16/16	KH	SM2540D-97
Turbidity	10.8	0.20	NTU	1	11/15/16 17:28	RWR	SM2130B-01
Total Metals Digestion	Completed				11/15/16	AG	

Project ID:
Client ID: NORTHGATE

Phoenix I.D.: BV82953

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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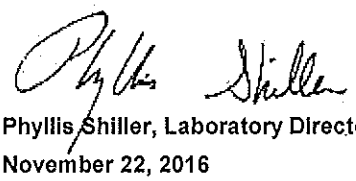

Phyllis Shiller, Laboratory Director
November 22, 2016
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 22, 2016

FOR: Attn: Mr Matt Ladewig
ESS Group Inc.
10 Hemingway Drive 2nd Floor
Riverside, RI 02915-2224

Sample Information		Custody Information		Date	Time
Matrix:	STORM WATER	Collected by:		11/15/16	12:15
Location Code:	ESSGRPRI	Received by:	LB	11/15/16	14:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV82950
Phoenix ID: BV82954

Project ID:
Client ID: LOTEN

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Hardness (CaCO3)	18.9	0.1	mg/L	1	11/17/16		E200.7
Escherichia Coli	74	10	MPN/100 mls	10	11/15/16 16:30	:B/RM/KDI	SM9223B-04
Total Coliforms	>24200	10	MPN/100 mls	10	11/15/16 16:30	:B/RM/KDI	SW9223B
C.O.D.	101	10	mg/L	1	11/17/16	MSF	SM5220D-97
Conductivity	112	5.00	umhos/cm	1	11/15/16	RR/EG	SM2510B-97
Ammonia as Nitrogen	1.47	0.10	mg/L	2	11/18/16	WHM	E350.1
Nitrate-Nitrite (N)	1.70	0.01	mg/L	1	11/16/16	GD	E353.2
Oil and Grease by EPA 1664	3.2	1.4	mg/L	1	11/18/16	MSF	E1664A
pH	7.12	0.10	pH Units	1	11/15/16 22:04	RR/EG	SM4500-H B-00
Nitrogen Tot Kjeldahl	2.69	0.20	mg/L	2	11/18/16	WHM	E351.1
Phosphorus, as P	0.239	0.010	mg/L	1	11/18/16	JR	SM4500PE-99
Total Suspended Solids	26	5.0	mg/L	1	11/16/16	KH	SM2540D-97
Turbidity	17.5	0.20	NTU	1	11/15/16 17:29	RWR	SM2130B-01
Total Metals Digestion	Completed				11/15/16	AG	

Project ID:
Client ID: LOTEN

Phoenix I.D.: BV82954

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 22, 2016
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 22, 2016

FOR: Attn: Mr Matt Ladewig
ESS Group Inc.
10 Hemingway Drive 2nd Floor
Riverside, RI 02915-2224

Sample Information		Custody Information		Date	Time
Matrix:	STORM WATER	Collected by:		11/15/16	12:30
Location Code:	ESSGRPRI	Received by:	LB	11/15/16	14:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV82950
Phoenix ID: BV82955

Project ID:
Client ID: FOX

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Hardness (CaCO3)	9.1	0.1	mg/L	1	11/17/16		E200.7
Escherichia Coli	51	10	MPN/100 mls	10	11/15/16 16:30	:B/RM/KDI	SM9223B-04
Total Coliforms	24200	10	MPN/100 mls	10	11/15/16 16:30	:B/RM/KDI	SW9223B
C.O.D.	92	10	mg/L	1	11/17/16	MSF	SM5220D-97
Conductivity	20	5.00	umhos/cm	1	11/15/16	RR/EG	SM2510B-97
Ammonia as Nitrogen	0.22	0.05	mg/L	1	11/18/16	WHM	E350.1
Nitrate-Nitrite (N)	0.16	0.01	mg/L	1	11/16/16	GD	E353.2
Oil and Grease by EPA 1664	8.2	1.4	mg/L	1	11/18/16	MSF	E1664A
pH	6.65	0.10	pH Units	1	11/15/16 22:15	RR/EG	SM4500-H B-00
Nitrogen Tot Kjeldahl	0.89	0.10	mg/L	1	11/18/16	WHM	E351.1
Phosphorus, as P	0.589	0.020	mg/L	2	11/18/16	JR	SM4500PE-99
Total Suspended Solids	100	5.0	mg/L	1	11/16/16	KH	SM2540D-97
Turbidity	49.7	0.20	NTU	1	11/15/16 17:30	RWR	SM2130B-01
Total Metals Digestion	Completed				11/15/16	AG	

Project ID:
Client ID: FOX

Phoenix I.D.: BV82955

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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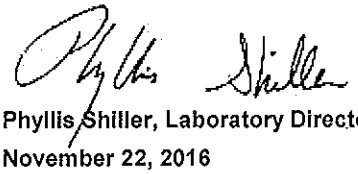


Phyllis Shiller, Laboratory Director
November 22, 2016
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

November 22, 2016

QA/QC Data

SDG I.D.: GBV82950

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 367006 (umhos/cm), QC Sample No: BV82766 (BV82950, BV82951, BV82952, BV82953, BV82954)														
Conductivity			404	396	2.00	97.4						85 - 115	20	
Comment:														
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.														
QA/QC Batch 366988 (pH), QC Sample No: BV82766 (BV82950, BV82951, BV82952, BV82953, BV82954)														
pH			6.83	6.81	0.30	99.1						85 - 115	20	
Comment:														
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.														
QA/QC Batch 366899 (mg/L), QC Sample No: BV82857 (BV82950)														
Nitrate-N	BRL	0.02	0.27	0.27	0	104			106			85 - 115	20	
Comment:														
Additional criteria: LCS acceptance range is 85-115%. MS acceptance range is 90-110% for water matrix.														
QA/QC Batch 367126 (mg/L), QC Sample No: BV82873 (BV82950, BV82951, BV82952, BV82953, BV82954)														
C.O.D.	BRL	10	35	37	NC	106			99.5			85 - 115	20	
Comment:														
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.														
QA/QC Batch 366921 (mg/L), QC Sample No: BV82889 (BV82950, BV82951, BV82952, BV82953, BV82954, BV82955)														
Total Suspended Solids	BRL	5.0	<5.0	<5.0	NC	103						85 - 115	20	
Comment:														
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.														
QA/QC Batch 367132 (mg/L), QC Sample No: BV82908 (BV82950, BV82951)														
Ammonia as Nitrogen	BRL	0.05	0.12	0.10	NC	102			100			85 - 115	20	
Nitrogen Tot Kjeldahl	BRL	0.10	1.56	1.62	3.80	91.7			64.5			85 - 115	20	m
Comment:														
Low TKN samples matrix spike recovery due to sample matrix interference. However, the TKN blank spike, and LCS, had acceptable recoveries.														
QA/QC Batch 367323 (mg/L), QC Sample No: BV82909 (BV82950, BV82951, BV82952, BV82953, BV82954, BV82955)														
Oil and Grease by EPA 1664A	BRL	1.4				98.0						85 - 115	20	
Comment:														
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.														
QA/QC Batch 367326 (mg/L), QC Sample No: BV82933 (BV82950, BV82951, BV82952, BV82953, BV82954, BV82955)														
Phosphorus, as P	BRL	0.01	0.198	0.18	9.50	105			101			85 - 115	20	
Comment:														
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.														
QA/QC Batch 366875 (NTU), QC Sample No: BV82950 (BV82950, BV82951, BV82952, BV82953, BV82954, BV82955)														
Turbidity	BRL	0.20	29.2	32.6	11.0	98.3						85 - 115	20	
Comment:														
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.														
QA/QC Batch 367245 (mg/L), QC Sample No: BV82952 (BV82952, BV82953, BV82954, BV82955)														
Ammonia as Nitrogen	BRL	0.05	0.12	0.12	NC	96.2			89.2			85 - 115	20	

QA/QC Data

SDG I.D.: GBV82950

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Nitrogen Tot Kjeldahl	BRL	0.10	0.76	0.75	1.30	85.2			96.0			85 - 115	20
QA/QC Batch 367007 (umhos/cm), QC Sample No: BV82955 (BV82955)													
Conductivity	BRL	5.00	20	20.4	NC	95.0						85 - 115	20
Comment:													
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.													
QA/QC Batch 366989 (pH), QC Sample No: BV82955 (BV82955)													
pH			6.65	6.82	2.50	99.3						85 - 115	20
Comment:													
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.													
QA/QC Batch 367127 (mg/L), QC Sample No: BV82959 (BV82955)													
C.O.D.	BRL	10	18	22	NC	102			102			85 - 115	20
Comment:													
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.													
QA/QC Batch 366900 (mg/L), QC Sample No: BV82972 (BV82951, BV82952, BV82953, BV82954, BV82955)													
Nitrate-N	BRL	0.02	0.24	0.27	11.8	100			112			85 - 115	20
Comment:													
Additional criteria: LCS acceptance range is 85-115%. MS acceptance range is 90-110% for water matrix.													

m = This parameter is outside laboratory MS/MSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
November 22, 2016

Tuesday, November 22, 2016

Criteria: None

State: CT

Sample Criteria Exceedances Report

GBV82950 - ESSGRPRI

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Coolant: IPK ☐ ICE ☐ No ☐
Temp 0 C Pg 1 of

Data Delivery:
☐ Fax #:
☐ Email:

Customer: ESS Group Inc.
Address: 10 Hemingway drive
East Providence, RI 02915

Project:
Report to: Matt Ladewig
Invoice to: mladewig@essgroup.com
Phone #:
Fax #:

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature ______ Date: ______

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	CT MS4 stormwater	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl ( ) oz	GL Amber 1000ml [ ] As is [X] H2SO4	PL As is [ ] 250ml [ ] 500ml [X] 1000ml	PL H2SO4 [ ] 250ml [X] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria (as is)	Bacteria (w/thio)
82950	DPW	SW	11/15/16	13:30	X				1	1	1	1			1
82951	Webb	↓	↓	13:10	X				1	1	1	1			1
82952	SM outlet	↓	↓	12:55	X				1	1	1	1			1
82953	Northgate	↓	↓	10:45	X				1	1	1	1			1
82954	Loten	↓	↓	12:15	X				1	1	1	1			1
82955	Fox	↓	↓	12:30	X				1	1	1	1			1

Relinquished by:	Accepted by:	Date:	Time:
Am J. Clm	TFOWW	11/15/16	14:17

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

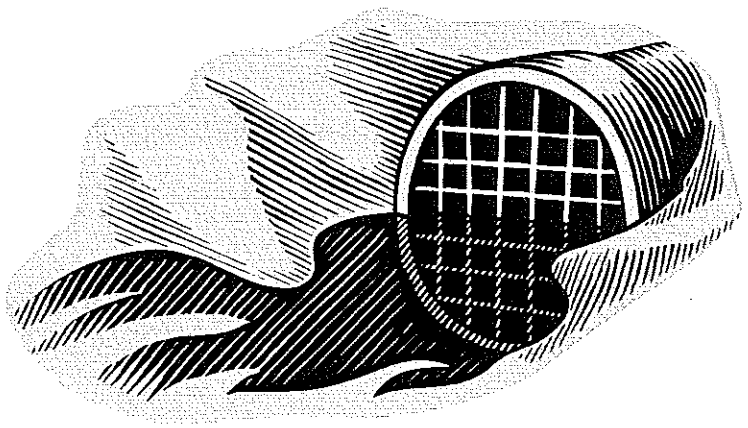
Data Format
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

* SURCHARGE APPLIES

MINIMUM CONTROL MEASURE:

DRY WEATHER SAMPLING OF OUTFALLS



Primary Contact Person for General Information:

Philip Sissick, Director of Public Works
6 Stanton Road
Windsor Locks, CT 06096
(860) 627-1405, ext 201

Description of BMP's and Samples of Work Performed

MONITORING OUTFALLS S-2

Dry weather sampling of outfalls annually

Responsible Party – Philip Sissick, Director of Public Works

Start Date: January 9, 2004 **End Date:** January 1, 2017

Activities scheduled for permit years:

Year #2	Year #3	Year #4	Year #5	Year #6
Year #6	Year #7	Year #8	Year #9	Year #10
Windsor Locks Public Works			Year #11	**Year #12**

BMP Description:

On an annual basis, the Town of Windsor Locks performs random checks of outfalls during dry weather. This typically takes place while catch basins are being cleaned of road sand and debris.

Measurable Goal:

To evaluate outfalls from different parts of Town to detect if any illegal discharging is taking place.

YEAR #2

Public Works crews performed random checks of outfalls during the catch basin cleaning program. No violations were reported.

YEAR #3

Public Works crews performed random checks of outfalls during the catch basin cleaning program. No violations were reported.

YEAR #4

Public Works crews performed random checks of outfalls during the catch basin cleaning program. No violations were reported.

YEAR # 5

Public Works crews performed random checks of outfalls during the catch basin cleaning program. No violations were reported.

YEAR # 6

Public Works crews performed random checks of outfalls during the catch basin cleaning program. During our inspections this year a failing outfall was reported. During our construction season the faulty outfall was replaced with a new structure and rip rap was placed in the channel to help stabilize the watercourse.

YEAR # 7

Public Works crews performed random checks of outfalls during the catch basin cleaning program. No violations were reported.

YEAR # 8
Public Works crews performed random checks of outfalls during the catch basin cleaning program. No violations were reported. After Storm Alfred outfalls were also checked for fallen trees / debris. Any debris was reported and removed.

YEAR # 9
Public Works crews performed random checks of outfalls during the catch basin cleaning program. No violations were reported.

YEAR # 10
Public Works crews performed random checks of outfalls during the catch basin cleaning program. No violations were reported.

YEAR # 11
Public Works crews performed random checks of outfalls during the catch basin cleaning program. No violations were reported.

YEAR # 12
Public Works crews performed random checks of outfalls during the catch basin cleaning program. No violations were reported.

YEAR # 13
Public Works crews performed random checks of outfalls during the catch basin cleaning program. No violations were reported. Litter and debris was also cleaned from outfall locations.