

CITY OF SHELTON STORMWATER MANAGEMENT PLAN



MS4 GENERAL PERMIT 2018 ANNUAL REPORT

Permit Number GSM000045

**OFFICE OF THE CITY ENGINEER
JANUARY 2019**

CITY OF SHELTON
STORMWATER MANAGEMENT PLAN – MS4 GENERAL PERMIT
2018 ANNUAL REPORT

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(1) Public Education and Outreach

- During the 2017 calendar year, the City established a dedicated Stormwater Management page on its Website.
- The City continued to maintain its Waste Disposal & Recycling page on its Website. Information on hazardous waste, hazardous waste collection as well as leaf collection and disposal is provided.
- The City implemented a public education program by placing educational pamphlets in three locations citywide. The displays, located in City Hall, the Community Center and the Library, contain information on Septic System Care, Illicit Discharge, Soil Erosion, Animal Waste, Lawn Care and Pesticides. Copies of those pamphlets can be found in Appendix G. A photo of our public information display is in Appendix F.
- A catch basin/storm drain stencil marking program is under consideration for the 2019 calendar year.

(2) Public Involvement and Participation

- The new City Stormwater Management Plan dated July 2017, prepared by Environmental Partners Group, has been online on our dedicated Stormwater Management webpage since July 2017. No comments from the public were received.
- The annual Hazardous Water Collection Day was held on Saturday, September 29, 2018. See the appendix for additional details and a manifest of materials collected.
- The 2018 MS4 Annual Report is scheduled to be posted on the City Website on or before January 11, 2019. The 2017 MS4 Annual Report was posted on February 7, 2018. No comments were received by the City.
- The eleventh annual Shelton Clean Sweep was held during the week of Earth Day (April 21 to April 29, 2018). There were 25 groups who registered with the City. The Shelton Clean Sweep is sponsored by the Shelton Anti-Litter Committee. The 2019 annual Clean Sweep has been scheduled for April 20 to April 28. See the news articles in the appendix.
- The Shelton Anti-Litter Committee, an ad-hoc committee formed by the Board of Aldermen, maintains the 'Don't Trash Shelton' website (donttrashshelton.org), hosts a discussion board, and sponsors the clean sweep and the adopt-a-street programs.
- The annual Housatonic River Clean Up/Green Sweep sponsored by Housatonic River Clean Up, Inc., was held on Saturday, April 21, 2018. The Sunnyside Boat Ramp in Shelton was one of the two check-in locations. See the news articles in the appendix.

(3) Illicit Discharge Detection and Elimination

- The City plans to engage a consulting engineer to develop the written IDDE Program, perform the Impaired Waters Monitoring, perform the DCIA tasks, perform the IDDE Monitoring and complete the Detailed Stormwater System Mapping. Proposals were solicited for the consultant to complete those required tasks over the next 30 months based upon the DEEP implementation deadlines. There is insufficient City staff and resources to complete the tasks in-house. Two proposals were received and they are being evaluated.
- The lists and maps of all MS4 stormwater outfalls were substantially completed in 2010. New outfalls that were installed as part of new subdivision construction will need to be digitally plotted and added to the outfall list. The maps cannot be digitally updated until the City fills the civil engineering technician position that has been vacant since November 2015. These existing maps and lists will be revised to incorporate the future data components required by the current MS4 regulations.
- While a formal citizen reporting program has not been developed, the City departments that may receive complaints about illicit discharges (Highways & Bridges, Sewer Administrator/WPCA or the City Hall receptionist) know to direct these calls to the Engineering Department for documentation and follow-up.
- The City now records illicit discharge abatement activities and maintains a Sanitary Sewer Overflow (SSO) inventory. Recordkeeping commenced on July 1, 2017.
- The City adopted Ordinance No. 855, Illegal Discharge and Illicit Connections to the Public Storm Drainage System, in September 2010. The City will review this ordinance for compliance with the new general permit regulations. See Appendix A.
- The City received no reports or complaints about illicit discharge or dumping into the MS4 during 2018.
- There were no records of any illicit discharges during the 2018 calendar year. There were two (2) SSO incidents in 2018. For the period from July 1, 2012 to December 31, 2018, a list of the SSO's is provided in Appendix B.
- The City has currently mapped and listed 585 municipal storm sewer outfalls and nine state owned outfalls.
- There are no known interconnections at this time.
- The outfall mapping is 98% complete. Digital revisions and additions are required.
- In 2018, the City completed a citywide map and inventory of the 20 stormwater detention ponds that are owned and maintained by the City.

(4) Construction Site Runoff Control

- The City of Shelton currently has interdepartmental coordination for site plan review between the conservation, inland wetlands, engineering and the planning & zoning departments.
- Site plans are currently reviewed for stormwater quality concerns. Planning & Zoning issues Soil Erosion and Sediment Control certificates for all subdivisions and site developments. E&S plans are required for each application.
- The Wetlands and the Zoning Enforcement staff continued to inspect and monitor the installation and maintenance of all erosion and sediment control measures on active construction sites. The Planning & Zoning Administrator, who has the supervisory responsibility of overseeing E&S measures on construction sites, notifies City staff and developers of potential heavy rainfall events by email and/or telephone. This procedure has been utilized since at least 2009. Some of the severe weather notifications issued in 2018 are contained in Appendix C.
- Soil Erosion and Sediment problems are reported to the Planning & Zoning office by those departments who have personnel in the field and observe deficiencies. Those departments include Engineering, Building, Sewer, Inland Wetlands, and Highways & Bridges.
- The public has and utilizes their right to comment on site development during both public hearings held by the Inland Wetlands and Planning & Zoning commissions and during the public portion at each regular meeting.
- Developers are informed of their obligation to obtain the DEEP construction stormwater permit. Copies of the DEEP application are on display in the Planning & Zoning Office and are printed for distribution.
- In regards to development, there were three new applications approved by the Planning & Zoning Commission which met the threshold for requiring the submission of a Stormwater Management Plan. They were the following:
 - ☐ R.D Scinto Light Industrial – 9 Research Drive (4.9 Acres)
 - ☐ Fountain Square Mixed Use – 801 Bridgeport Avenue (10 Acres)
 - ☐ Great River Water Club Apartments/Marina – 722 River Road (6.2 Acres)

- The following development projects that received final approval in 2016/2017 were under construction and will continue through 2019:
 - ☐ Hawks Ridge Residential – Long Hill Cross Road (36.4 Acres)
 - ☐ Primrose Companies Realty – 131 Canal/6 Bridge Street (2.71 Acres)
 - ☐ R.D. Scinto Light Industrial – 20 Waterview Drive (7.89 Acres)
 - ☐ R.D. Scinto Mixed Use – 905 Bridgeport Avenue (2.50 Acres)
 - ☐ Brookview Apartments – 309 Bridgeport Avenue (3.29 Acres)
 - ☐ Hawks Ridge Assisted Living/Apartments – 30 & 60 Beard Sawmill Road (10.9 Acres)

- The following development projects that were approved prior to January 1, 2016, were substantially completed in 2018:
 - ☐ Perry Hill Estates – 80 Perry Hill Road (13.5 Acres)
 - ☐ Big Y Retail Center – 405 Bridgeport Avenue (11.73 Acres)
 - ☐ R.D. Scinto Commercial – 100 Commerce Drive (5.31 Acres)
 - ☐ Bishop Management Mixed Use – 762 River Road (4.0 Acres)

- The following development has been approved but construction has not yet commenced:
 - ☐ 223 Canal LLC Apartments – 223 Canal Street (1.26 Acres)

- No Notice of Violations were issued to the contractors performing work on these aforementioned developments in 2018.

(5) Post-construction Stormwater Management in New Development or Redevelopment

- The City adopted Ordinance No. 854, Stormwater Management/Operation and Maintenance Requirements, in September 2010. It requires all corporate, light industrial, retail and private residential developments to perform routine maintenance of their stormwater collection systems on an annual basis. The ordinance also authorizes representatives of the City to conduct on-site inspections of BMP's and maintenance activities. See Appendix A.
- While not scheduled for implementation until July 1, 2019, the City has begun the process to inventory all City and private stormwater detention basins. The City owned and maintained structures have been inventoried.
- The City of Shelton currently requires all developments to provide stormwater detention to limit increases in the post development runoff rates. While this requirement is not in the Planning & Zoning regulations, the goal of limiting runoff rates to pre-construction levels has been met with great success.
- The City also requires developments and single family homes to employ some degree of ground infiltration for site generated runoff to be retained on-site.
- In response to a resident's inquiry, the City investigated a runoff complaint from an assisted living facility. This office found that there was a lack of maintenance of the stormwater collection system. The owner of the facility was notified of the situation and informed of our ordinance requirements. The required maintenance was completed as directed. Copies of our notification letter and responses from the property owner/operator can be found in Appendix H.

(6) Pollution Prevention/Good Housekeeping

- City snow management practices include using only straight pre-treated salt for de-icing operations. A small supply of a sand/salt mix is maintained for limited use in locations with significant grades and only during specific hazardous road conditions.
- The 2018 street sweeping program included funding for contract sweeping. The contractor swept 225.6 curb miles while the City sweeper completed 102.1 curb miles of roadway. The number of curb miles swept in 2018 was double that of 2017.
- The Highways & Bridges facility, located at 41 Myrtle Street, continues to accept the following liquid waste products from residents Monday through Friday:
 - ☐ Diesel Fuel
 - ☐ Kerosene
 - ☐ Transmission Fluid
 - ☐ Hydraulic Oil
 - ☐ Motor Oil
 - ☐ Antifreeze
- The current catch basin cleaning program consists of periodically assigning the foremen to perform visual inspections of the catch basins. The inspections are done by both snow plow routes and streets scheduled for resurfacing. The City repaired or replaced 41 catch basins in 2018. Only 35% of the inspected catch basins needed cleaning by machine, which can be attributed to the use of straight pre-treated salt for the last six years.
- There were no redevelopment or retrofit projects that resulted in a reduction of Directly Connected Impervious Areas (DCIA) from the City MS4.
- Catch Basin Cleaning Metrics
 - ☐ Total catch basin in MS4 – approximately 4,000
 - ☐ Catch basins inspected - 736
 - ☐ Catch basins cleaned – approximately 260
 - ☐ Volume of material removed – 108 tons
- Street Sweeping Metrics
 - ☐ Curb miles swept – 327.7 miles
 - ☐ Volume of material collected – 502 tons
 - ☐ Dates – 4/23/18 to 8/14/18

- Snow Management Metrics
 - ☐ Type of de-icing material used – pre-treated salt and salt brine
 - ☐ Amount of de-icing material applied – 3,475 tons of salt
 - 500 gallons of salt brine
 - ☐ Amount of sand/salt mix applied - none
 - ☐ Type of de-icing equipment used–All season spreaders with brine application system
 - ☐ Lane miles treated – 442 miles
 - ☐ Snow disposal location – 799 Howe Avenue
 - ☐ Staff training – ten (10) employees received winter storm training through CIRMA

- Road Network Mileage Update – No changes in 2018
 - ☐ The miles of city maintained roads – 220 miles
 - ☐ The number of lane miles is 442

APPENDIX A

STORMWATER ORDINANCES


ORDINANCE #855

Illegal Discharges and Illicit Connections to the Public Storm Drainage System

Adopted by the Board of Aldermen: September 9, 2010

Approved by the Mayor:

9.29.10
Date


Mayor's Signature

Attested to:


City/ Town Clerk

ORDINANCE #855

Illegal Discharges and Illicit Connections to the Public Storm Drainage System

BE IT ORDAINED BY THE BOARD OF ALDERMEN THAT:

Section 1. Purpose/Intent.

The purpose of this ordinance is to provide for the health, safety, and general welfare of the citizens of the City of Shelton through the regulation of non-storm water discharges to the storm drainage system to the maximum extent practicable as required by federal and state law. This ordinance establishes methods for controlling the introduction of pollutants into the **municipal separate storm sewer system (MS4)** in order to comply with requirements of the National Pollutant Discharge Elimination System (NPDES) permit process. The objectives of this ordinance are:

- (1) To regulate the contribution of pollutants to the municipal separate storm sewer system (MS4) by stormwater discharges by any user
- (2) To prohibit Illicit Connections and Discharges to the municipal separate storm sewer system
- (3) To establish legal authority to carry out all inspection, surveillance and monitoring procedures necessary to ensure compliance with this ordinance

Section 2. Definitions.

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

Authorized Enforcement Agency: employees or designees of the director of the municipal agency designated to enforce this ordinance.

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

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

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

Hazardous Materials. Any material, including any substance, waste, or combination thereof, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may cause, or significantly contribute to, a substantial present or potential hazard to human health, safety, property, or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.

Illegal Discharge. Any direct or indirect non-storm water discharge to the storm drain system, except as exempted in Section 7 of this ordinance.

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

Any drain or conveyance, whether on the surface or subsurface, which allows an illegal discharge to enter the storm drain system including but not limited to any conveyances which allow any non-storm water discharge including sewage, process wastewater, and wash water to enter the storm drain system and any connections to the storm drain system from indoor drains and sinks, regardless of whether said drain or connection had been previously allowed, permitted, or approved by an authorized enforcement agency or, Any drain or conveyance connected from a commercial or industrial land use to the storm drain system which has not been documented in plans, maps, or equivalent records and approved by an authorized enforcement agency.

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

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

Non-Storm Water Discharge. Any discharge to the storm drain system that is not composed entirely of storm water.

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

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

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

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

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

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

Wastewater means any water or other liquid, other than uncontaminated storm water, discharged from a facility.

Section 3. Applicability.

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

Section 4. Responsibility for Administration.

The Director of Public Works shall be responsible for administration, implementation and enforcement of the provisions of this Ordinance. Any and all powers granted to or imposed upon said Director hereunder may be delegated, in whole or in part, by said Director, in writing, to such employees or officials of the City of Shelton as said Director may determine from time to time. Any such designation shall be made in writing and a copy thereof shall be filed with the City Town Clerk, with the office of the Mayor and with the Clerk of the Board of Aldermen. Said designations shall be updated if the individuals change and, in any event, a current list shall be filed with each of the above entities in January of each year.

Section 5. Severability.

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

Section 6. Ultimate Responsibility.

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

Section 7. Discharge Prohibitions.

Prohibition of Illegal Discharges.

No person shall discharge or cause to be discharged into the municipal storm drain system or watercourses any materials, including but not limited to pollutants or waters containing any pollutants that cause or contribute to a violation of applicable water quality standards, other than storm water. The commencement, conduct or continuance of any illegal discharge to the storm drain system is prohibited except as described as follows:

- (1) The following discharges are exempt from discharge prohibitions established by this ordinance: water line flushing or other potable water sources, landscape irrigation or lawn watering, diverted stream flows, rising ground water, ground water infiltration to storm drains, uncontaminated pumped ground water, foundation or footing drains (not including active groundwater dewatering systems), crawl space pumps, air conditioning condensation, springs, non-commercial washing of vehicles, natural riparian habitat or wetland flows, swimming pools (if dechlorinated – typically less than one PPM chlorine), fire fighting activities, and any other water source not containing Pollutants.
- (2) Discharges specified in writing by the authorized enforcement agency as being necessary to protect public health and safety.
- (3) Dye testing is an allowable discharge, but requires a verbal notification to the authorized enforcement agency prior to the time of the test.
- (4) The prohibition shall not apply to any non-storm water discharge permitted under an NPDES permit, waiver, or waste discharge order issued to the discharger and administered under the authority of the Federal Environmental Protection Agency, provided that the discharger is in full compliance with all requirements of the permit, waiver, or order and other applicable laws and regulations, and provided that written approval has been granted for any discharge to the storm drain system.

Prohibition of Illicit Connections.

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

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

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

Section 8. Suspension of MS4 Access.

Suspension due to Illegal Discharges in Emergency Situations

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

Suspension due to the Detection of Illegal Discharge

Any person discharging to the MS4 in violation of this ordinance may have their MS4 access terminated if such termination would abate or reduce an illegal discharge. The Director of Public Works or his designee will notify a violator of the proposed termination of its MS4 access and shall specify a reasonable time for abatement. The violator may petition the authorized enforcement agency for a reconsideration and hearing. A person commits an offense if the person reinstates MS4 access to premises terminated pursuant to this Section, without the prior approval of the authorized enforcement agency.

Section 9. Industrial or Construction Activity Discharges.

Any person subject to an industrial or construction activity NPDES storm water discharge permit shall comply with all provisions of such permit. Proof of compliance with said permit may be required in a form acceptable to the Director of Public Works or his designee prior to the allowing of discharges to the MS4.

Section 10. Monitoring of Damages.

1. Applicability.

This section applies to all facilities that have storm water discharges associated with industrial activity, including construction activity.

2. Access to Facilities.

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

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

- (3) The Director of Public Works or his designee shall have the right to set up on any permitted facility such devices as are necessary in the opinion of the authorized enforcement agency to conduct monitoring and/or sampling of the facility's storm water discharge.
- (4) The Director of Public Works or his designee has the right to require the discharger to install monitoring equipment as necessary. The facility's sampling and monitoring equipment shall be maintained at all times in a safe and proper operating condition by the discharger at its own expense. All devices used to measure stormwater flow and quality shall be calibrated to ensure their accuracy.
- (5) Any temporary or permanent obstruction to safe and easy access to the facility to be inspected and/or sampled shall be promptly removed by the operator at the written or oral request of the Director of Public Works or his designee and shall not be replaced. The costs of clearing such access shall be borne by the operator.
- (6) Unreasonable delays in allowing the Director of Public Works or his designee access to a permitted facility is a violation of a storm water discharge permit and of this ordinance. A person who is the operator of a facility with a NPDES permit to discharge storm water associated with industrial activity commits an offense if the person denies the authorized enforcement agency reasonable access to the permitted facility for the purpose of conducting any activity authorized or required by this ordinance.
- (7) If the Director of Public Works or his designee has been refused access to any part of the premises from which stormwater is discharged, and he/she is able to demonstrate probable cause to believe that there may be a violation of this ordinance, or that there is a need to inspect and/or sample as part of a routine inspection and sampling program designed to verify compliance with this ordinance or any order issued hereunder, or to protect the overall public health, safety, and welfare of the community, then the authorized enforcement agency may seek issuance of a search warrant from any court of competent jurisdiction.

Section 11. Requirement to Prevent, Control, and Reduce Storm Water Pollutants by the Use of Best Management.

The City of Shelton will adopt requirements identifying Best Management Practices for any activity, operation, or facility which may cause or contribute to pollution or contamination of storm water, the storm drain system, or waters of the U.S. The owner or operator of a commercial or industrial establishment shall provide, at their own expense, reasonable protection from accidental discharge of prohibited materials or other wastes into the municipal storm drain system or watercourses through the use of these structural and non-structural BMPs. Further, any person responsible for a property or premise, which is, or may be, the source of an illicit discharge, may be required to implement, at said person's expense, additional structural and non-structural BMPs to prevent the further discharge of pollutants to the municipal separate storm sewer system. Compliance with all terms and conditions of a valid NPDES permit authorizing the discharge of storm water associated with industrial activity, to the extent practicable, shall be deemed compliant with the provisions of this section. These BMPs shall be part of a **stormwater pollution prevention plan (SWPP)** as necessary for compliance with requirements of the NPDES permit.

Section 12. Notification of Spills.

Notwithstanding other requirements of law, as soon as any person responsible for a facility or operation, or responsible for emergency response for a facility or operation has information of any known or suspected release of materials which are resulting or may result in illegal discharges or pollutants discharging into storm water, the storm drain system, or water of the U.S. said person shall take all necessary steps to ensure the discovery, containment, and cleanup of such release. In the event of such a release of hazardous materials said person shall immediately notify emergency response agencies of the occurrence via emergency dispatch services. In the event of a release of non-hazardous materials,

said person shall notify the authorized enforcement agency in person or by phone or facsimile no later than the next business day. Notifications in person or by phone shall be confirmed by written notice addressed and mailed to the City of Shelton, Director of Public Works within three business days of the phone notice. If the discharge of prohibited materials emanates from a commercial or industrial establishment, the owner or operator of such establishment shall also retain an on-site written record of the discharge and the actions taken to prevent its recurrence. Such records shall be retained for at least three years.

Section 13. Enforcement.

1. Notice of Violation.

Whenever the Director of Public Works or his designee finds that a person has violated a prohibition or failed to meet a requirement of this Ordinance, the authorized enforcement agency may order compliance by written notice of violation to the responsible person. Such notice may require without limitation:

- a) The performance of monitoring, analyses, and reporting;
- b) The elimination of illicit connections or discharges;
- c) That violating discharges, practices, or operations shall cease and desist;
- d) The abatement or remediation of storm water pollution or contamination hazards and the restoration of any affected property; and
- e) Payment of a fine to cover administrative and remediation costs; and
- f) The implementation of source control or treatment BMPs.

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

Section 14. Appeal of Notice of Violation.

Any person receiving a Notice of Violation may appeal the determination of the Director of Public Works or his designee. Said appeal may be taken to the Housing Board of Appeals, which is hereby designated as the agency to hear all appeals permitted under this Ordinance. The decision of the Housing Board of Appeals shall be final.

Section 15. Enforcement Measures After Appeal.

If the violation has not been corrected pursuant to the requirements set forth in the Notice of Violation, or, in the event of an appeal, within 30 days of the decision of the municipal authority upholding the decision of the authorized enforcement agency, then representatives of the authorized enforcement agency shall enter upon the subject private property and are authorized to take any and all measures necessary to abate the violation and/or restore the property. It shall be unlawful for any person, owner, agent or person in possession of any premises to refuse to allow the government agency or designated contractor to enter upon the premises for the purposes set forth above.

Section 16. Cost of Abatement of the Violation.

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

the property for the amount of the assessment. Any person violating any of the provisions of this article shall become liable to the city by reason of such violation.

Section 17. Injunctive Relief.

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

Section 18. Compensatory Actions.

In lieu of enforcement proceedings, penalties, and remedies authorized by this Ordinance, the authorized enforcement agency may impose upon a violator alternative compensatory actions, such as storm drain stenciling, attendance at compliance workshops, or watercourse cleanups.

Section 19. Violations Deemed a Public Nuisance.

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

Section 20. Penalties.

Any person or entity which knowingly violates a provision of this Ordinance, after the effective date thereof, or any person who unknowingly violates this Ordinance, and continues to violate the Ordinance after notice of a violation shall be liable to criminal prosecution to the fullest extent of the law and shall be subject to a criminal penalty of \$250.00 per violation per day. The Director of Public Works, on behalf of the City, may recover all attorneys' fees, court costs and other expenses associated with the enforcement of this Ordinance, including sampling and monitoring expenses.

Section 21. Remedies Not Exclusive.

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

Section 22. Adoption of Ordinance.

This ordinance shall be in full force and effect 30 days after its final passage and adoption. All prior ordinances and parts of ordinances in conflict with this ordinance are hereby repealed.

ORDINANCE #854

Stormwater Management/Operation and Maintenance Requirements

Adopted by the Board of Aldermen: September 9, 2010

Approved by the Mayor:

9.29.10
Date


Mayor's Signature

Attested to:


City/ Town Clerk

ORDINANCE #854

Stormwater Management/Operation and Maintenance Requirements

BE IT ORDAINED BY THE BOARD OF ALDERMEN THAT:

Section 1. Purpose and Authority

In accordance with the provisions of Chapters 98, 124, 126, 440, 444, and 446h of the General Statutes of the State of Connecticut, as amended, the City of Shelton hereby adopts the following Stormwater Management Ordinance for the following purposes:

Increased development without proper consideration of stormwater impacts can be a significant source of pollution to Long Island Sound, its tributaries, and other waters of the state. The state's water resources are valuable natural, economic, recreational, cultural and aesthetic resources. The protection and preservation of these waters is in the public interest and is essential to the health, welfare and safety of the citizens of the state. It is, therefore, the purpose of this ordinance to protect and preserve the waters within Shelton from nonpoint sources of pollution through the proper management of stormwater flows and minimization of inputs of suspended solid, pathogens, toxic contaminants, nitrogen and floatable debris to these flows.

Section 2. Definitions

aquifer – a geologic formation, group of formations or part of a formation that contains sufficient saturated, permeable materials to yield significant quantities of water to wells and springs

BMPs – best management practices - techniques or structural devices that are effective practical ways of preventing or reducing the discharge of pollutants directly or indirectly to receiving waters or stormwater conveyance systems. BMP's also include treatment practices, operating procedures and maintenance requirements.

"first inch of rain" – the first inch of rainfall during a single event. The initial runoff from the first inch of rain contains higher pollutant concentrations than the subsequent runoff, due to initial washing off of dry weather deposits in significantly higher concentrations than those washed off later in a storm. This effect is particularly pronounced with initial heavy rainfalls.

groundwater – water found beneath the ground surface that completely fills the open spaces between particles of sediment and within rock formations

impervious surface – material or structure on, above or below the ground that does not allow precipitation or surface water to penetrate directly into the soil

site – a single parcel, together with any adjacent waters, which is the subject of an application for zoning approval, subdivision approval, coastal site plan review, or an inland wetlands permit

site stormwater management plan – a document approved at the site design (application) phase that outlines the measures and practices used to control stormwater runoff at a site. The document shall include an operation maintenance manual with schedules.

sediment – solid material, either mineral or organic, that is in suspension, is transported, or has been

moved from its site or origin by erosion

trash hood – feature in a catch basin which traps debris such as litter and keeps it from being discharged from the catch basin

urban stormwater runoff – precipitation that falls onto the surfaces of roofs, streets, parking lots, roads and the grounds of developed areas. Urban precipitation is not absorbed by the ground or retained in its surface, but collects and runs off, carrying a wide variety of pollutants such as oil-based contaminants, heavy metals (copper and lead), nutrients and bacteria

Section 3. Application Thresholds for Requiring Stormwater Management Plans

A stormwater management plan shall be included as a part of any application for zoning approval, subdivision approval, coastal site plan review, or an inland wetlands permit where:

- (1) the application pertains to a development or construction project disturbing one or more acres of total land area on a site
- (2) the application pertains to any site with one acre or more of impervious cover;
- (3) the application proposes new residential development of five or more units;
- (4) the application pertains to any new industrial or commercial project.

Section 4. Stormwater Management Plan Content

Where a stormwater management plan is required, such plan shall provide, at a minimum, the following information:

- (1) Soil characteristics of the site.
- (2) Location of the closest surface water bodies and wetlands to the site, and the depth to any groundwater or aquifer areas on or adjacent to the site. In the case of tidal waters, provide the mean high water and high tide elevations.
- (3) Location and description of all proposed stormwater control BMPs for both construction activities and post-construction long-term stormwater control.
- (4) An operation and maintenance manual and schedules for any trash hoods, catch basins, or other BMP devices used to treat runoff, plus a BMP inspection plan with maintenance report forms.
- (5) Calculations of stormwater runoff rates, suspended solids removal rates, and soil infiltration rates before and after completion of the activity proposed in the application.
- (6) A hydrologic study of pre-development site conditions. Hydrology studies shall be conducted at a level of detail commensurate with the probable impact of the proposed activity.
- (7) An executive summary of the plan.
- (8) As-Built Record Drawing of the onsite collection system and post construction BMPs.

The Stormwater Management Plan shall be sealed/endorsed by a Professional Engineer registered in the State of Connecticut.

Section 5. Stormwater Management Plan Goals

Stormwater Systems shall be designed for the following goals and objectives:

- (1) Prevent flooding of onsite or offsite properties
- (2) Feed and recharge inland wetlands, surface and subsurface waters.

- (3) Minimize pollutant loads in stormwater runoff into inland wetlands, surface and subsurface waters.
- (4) Maintain the hydrology of existing sub watersheds including wetlands and watercourses.
- (5) All on-site stormwater facilities shall be properly maintained by the owner such that they do not become nuisances.
- (6) All stormwater management systems and runoff control structures located on private property shall be accessible at all times for inspection by City forces.

Section 6. Design Standards

The stormwater management plan shall be consistent with the following design criteria. If an application is also subject to the requirements of an aquifer protection overlay zone or any other requirements for nonpoint source pollution control, the more stringent requirements shall control.

- (1) Direct channeling of untreated surface water runoff into adjacent ground and surface waters shall be discouraged.
- (2) No adverse increase in urban stormwater runoff from the site shall result from the proposed activity.
- (3) Design and planning for site development shall provide for minimal disturbance of pre-development natural hydrologic conditions, and shall reproduce such conditions after completion of the proposed activity, to the maximum extent feasible.
- (4) Pollutants shall be controlled at their source to the maximum extent feasible in order to contain and minimize contamination.
- (5) Stormwater management systems shall be designed and maintained to manage site runoff in order to eliminate surface and groundwater pollution, prevent flooding and, where required, control peak discharges and provide pollution treatment.
- (6) Stormwater management systems shall be designed to collect, retain and treat the first inch of rain on-site, so as to trap floating material, oil and litter. BMP techniques to achieve treatment of the first inch of rainfall include oil and grit separators, and trash hoods.
- (7) On-site storage of stormwater shall be employed to the maximum extent feasible. On-site storage methods include but are not limited to landscaped depressions, grass swales, infiltration trenches and retention or detention basins.
- (8) Post-development runoff rates and volumes shall not exceed pre-development rates and volumes where required. Stormwater runoff rates and volumes shall be controlled by slowing runoff velocities and encouraging infiltration. BMP methods for controlling runoff and encouraging infiltration include the minimization of impervious surfaces, minimization of curbing and collection, the use of grass or vegetative filter zones, landscape depressions, slotted curb spacers, perforated pipes for conveying stormwater, establishment of buffers from streams, wetlands and waterbodies, and any combination of methods, where appropriate.
- (9) Stormwater treatment systems shall be employed where necessary to ensure that the average annual loadings of total suspended solids (TSS) following the completion of the proposed activity at the site are no greater than such loadings prior to the proposed activity. BMP methods for stormwater treatment include infiltration through vegetative strips, grass swales and detention basins.
- (10) All stormwater BMPs shall be designed in a manner to minimize the need for maintenance and reduce the chances of failure. Design guidelines are outlined in the most recent version of the Connecticut Stormwater Quality Manual.

Section 7. Requirements for Site Plan Revisions/Modifications

In cases where an application for a site plan revision or modification is submitted to Planning and Zoning or Inland Wetlands, the following requirements shall apply:

- (1) Any site plan application that proposes a major expansion of the development footprint i.e. the expansion of surface parking or the increase of impervious surface shall require the submission of a Stormwater Management Plan for the new construction proposed for the site.
- (2) Any site plan application that proposes a modification or expansion shall require the submission of an Operation and Maintenance Manual with a Maintenance Schedule for the entire stormwater collection system on the site, in the event that no such document was submitted to and approved by the City when the original development was constructed.
- (3) A site plan application that proposes a modification or expansion may require the applicant/property owner to retrofit the existing stormwater collection system with catch basin hoods.
- (4) The requirements of Section 7 shall apply to any development approved or constructed prior to the effective date of this ordinance.

Section 8. Stormwater System Operation and Maintenance

The operation and maintenance of a private stormwater management or collection system is the sole responsibility of the property owner. The requirements and responsibilities detailed in this section applies to all sites and existing developments, whether commercial, industrial or residential. Private stormwater management and collection systems constructed before the effective date of this ordinance are subject to these operation and maintenance regulations.

Routine Maintenance

- (1) All stormwater BMPs shall be maintained according to the measures outlined in the most recent version of the Connecticut Stormwater Quality Manual and as detailed in the Stormwater Management Plan for the approved development.
- (2) All Stormwater BMPs shall be maintained by the property owner of any development constructed prior to the effective date of this ordinance, whether or not there is an operations and maintenance manual for the existing stormwater collection system.
- (3) The person(s) or organization(s) responsible for maintenance shall be designated in the Stormwater Management Plan. Options include:
 - Property owner
 - Homeowner's association, provided that provisions for financing necessary maintenance are included in deed restrictions or other contractual agreements
 - The City of Shelton through an executed maintenance agreement
- (4) Maintenance agreements shall specify responsibility for financing maintenance

Non-routine Maintenance

- (1) Non-routine maintenance includes maintenance activities that are expensive but infrequent, such as pond dredging or major repairs to stormwater structures.
- (2) Non-routine maintenance shall be performed on an as-needed basis based on information gathered during regular inspections.

Annual O&M Certification

- (1) The Property Owner is required to obtain an annual certification from a Registered Professional Engineer (P.E.) that maintenance is being performed on structural best management practices (BMPs) and the onsite stormwater collection system. The annual certification must be submitted to the City with the appropriate maintenance report forms."

Failure To Maintain

- (1) If routine or non-routine maintenance activities are not completed in a timely manner or as specified in the approved Stormwater Management Plan or Operation and Maintenance Manual, the City of Shelton may complete the necessary maintenance at the owner's/operator's expense.
- (2) The City reserves the right to require the owner of any development constructed before the effective date of this ordinance to prepare an Operation and Maintenance Manual for a private stormwater management system that is not properly maintained and/or causes a nuisance.

Inspections

- (1) The person(s) or organization(s) responsible for maintenance of a commercial, industrial or residential development shall inspect stormwater BMPs on a regular basis as outlined in the Operation and Maintenance plan. If there is no Operation and Maintenance Plan, the stormwater collection system shall be inspected at least once per calendar year, preferably on or about April 15th. All sidewalks and parking lots shall be swept clean of all accumulated sand or grit applied for winter traction purposes at or about the same time.
- (2) Authorized representatives of the City of Shelton may enter a property at reasonable times to conduct on-site inspections of stormwater BMPs and maintenance activities being performed on those BMPs.
- (3) For BMPs maintained by the property owner or homeowner's association, inspection and maintenance reports shall be filed with the Office of the City Engineer as provided for in the plan.

Section 9. Violations Deemed a Public Nuisance

Any condition caused or permitted to exist in violation of any of the provisions of Section 8 of this Ordinance, or is a threat to public health, safety and welfare and is declared and deemed a nuisance, may be summarily abated or restored at the violator's expense and/or a civil action to abate, enjoin or otherwise compel the cessation of such nuisance may be taken.

Any person or entity permitting such condition to exist in violation of Section 8 or who permits a declared deemed nuisance to exist, may be fined a penalty not to exceed \$250.00 for each violation which may be enforced pursuant to Section 7-148 10a of the Connecticut General Statutes. The persons authorized to issue such citations are the City Engineer, the Assistant City Engineer or the Director of Public Works.

Section 10. Adoption of Ordinance

This ordinance shall be in full force and effect 30 days after its final passage and adoption. All prior ordinances and parts of ordinances in conflict with this ordinance are hereby repealed.

SANITARY SEWER OVERFLOW (SSO) INVENTORY

Location (Street address and/or receiving water)	Date	Duration of Occurrence	Discharge to MS4 or surface water	Estimated volume discharged	Known or suspected cause / Responsible party	Corrective measures planned and completed
500 River Road	9/25/12	1.75 hours	MS4	100 gallons	Grease	Flushed line (River Road Pump Station)
25 Kneen Street Ext.	2/18/13	2 hours	MS4	500 gallons	Object	Removed object, flushed line
71 Rocky Rest Road	5/22/13	3 hours	MS4	2,000 gallons	Grease	Line flushed, will be televised
75 River Road	3/25/14	2 hours	Housatonic River	1,000 gallons	Roots	Line flushed, will be televised
25 Riverdale Avenue	4/30/14	1 hour	MS4	30,000 gallons	SCADA	SCADA System Logic to be added
30 Little Fawn Drive	8/30/14	4 hours	MS4	30 gallons	Roots	Line flushed, root treatment to follow
14 Regent Drive	11/22/14	1.75 hours	MS4	2,500 gallons	Roots	Line flushed, roots to be removed
1 Trap Falls Road	1/29/15	1.5 hours	MS4	200 gallons	Wipes	Line flushed, will be televised
19 Forest Parkway	4/28/15	1 hour	MS4	50 gallons	MH debris	Line flushed, removed debris
119 Yutaka Trail	6/21/16	1.25 hours	Farmill River	100 gallons	Wipes	Line flushed, will monitor
78 William Street	2/24/18	1.5 hours	MS4	100 gallons	Wipes	Cleaned wipes from manhole, jetted line
11 Cribbins Avenue	5/30/18	1 hour	MS4	50 gallons	Wipes/rags	Jetted line, cleaned manhole of rags & wipes

APPENDIX B

SANITARY SEWER OVERFLOW (SSO) INVENTORY

Robert Kulacz

From: Lori Vano
Sent: Thursday, March 01, 2018 3:11 PM
To: Ed Comboni; Robert Kulacz
Cc: Garritt Ogden
Subject: FW: Shelton: Sewage Bypass

FYI

Lori Vano
Shelton City Hall (Sewer & Engineering)
54 Hill Street
Shelton, CT 06484
(203)924-1555 x1511
(203)924-1136 (fax)
Hours 8:00 a.m. – 5:30 p.m. Tuesday-Friday (closed Monday)

-----Original Message-----

From: DEEP.BOG@ct.gov [mailto:DEEP.BOG@ct.gov]
Sent: Thursday, March 01, 2018 10:52 AM
To: Tom Sym <t.sym@cityofshelton.org>; Lori Vano <l.vano@cityofshelton.org>
Subject: Shelton: Sewage Bypass

Reporting Municipality or Utility: Shelton

Town where event occurred: Shelton

Submitted by: Thomas Sym/Lori Vano

Phone number: 203-924-1555 x 1511

Closest street address: 78 William Street

Weather conditions: Rain <1" per hour

Date and time event started: Sat Feb 24 14:45:00 EST 2018

Date and time event ended: Sat Feb 24 16:15:00 EST 2018

Location of bypass: Manhole

Type of bypass: Raw Sewage

Cause of bypass: Sewer Line Blockage - Other

How was event discovered? Homeowner called in plumber who determined it was City main

Estimated volume or quantity of bypass: 51 - 500 gallons

How was quantity determined? Visual by Sewer Administrator

If reported, final volume or quantity: 100 gallons

Did bypass reached a waterbody: Yes

Waterbody name: Catch basin on Cribbins Ave drains to water course approx 1500 feet from Housatonic River

Comments: Jetted line ASAP, cleaned manhole of flushable wipes, pressure washed roadway, will review videotape.

Note: A copy of this email is being sent to the Department of Energy and Environmental Protection, Bureau of Water Protection and Land Reuse, Municipal Wastewater Section. If the bypass event is reported to have reached a waterbody and have a volume greater than 1,000,000 gallons then a copy of this email is sent to Department of Energy and Environmental Protection Public Affairs Office. If the bypass is reported to have reached a waterbody and the location is in Ansonia, Branford, Bridgeport, Clinton, Darien, Derby, East Haven, East Lyme, Fairfield, Greenwich, Groton, Guilford, Ledyard, Madison, Milford, Montville, New Canaan, New Haven, New London, North Stonington, Norwalk, Norwich, Old Lyme, Old Saybrook, Orange, Seymour, Shelton, Stamford, Stonington, Stratford, Trumbull, Waterford, West Haven, Westbrook, or Westport then a copy of this email is sent to the Department of Agriculture Bureau of Aquaculture. If the bypass is reported to have reached a waterbody and have a volume greater than zero then a copy of this email is sent to the local health department. If the bypass is reported to have reached a waterbody, have a volume greater than zero, and be located in Branford, Bristol, Cheshire, Danbury, Goshen, Groton, Hamden, Manchester, Mansfield, Middletown, North Branford, North Haven, Norwalk, Plymouth, Ridgefield, Shelton, Stamford, Vernon, Wallingford, or Woodstock then a copy of this email is sent to the Department of Public Health. If the bypass is reported to have reached a waterbody, have a volume greater than zero, and the event occurred between April and September then a copy of this email is sent to the Department of Energy and Environmental Protection Bureau of Water Protection and Land Reuse, Planning and Management Division.

Disclaimer: This email is being sent by the DEEP Bypass and Overflow Group (BOG) solely for the convenience of the recipients. It does not relieve any person of any obligations under law. DEEP has not reviewed or verified, and is not responsible for, any information conveyed in this email.

Lori Vano

From: DEEP.BOG@ct.gov
Sent: Wednesday, May 30, 2018 12:22 PM
To: Tom Sym; Lori Vano
Subject: Shelton: Sewage Bypass

Reporting Municipality or Utility: Shelton

Town where event occurred: Shelton

Submitted by: Tom Sym/Lori Vano/Peter Pavone

Phone number: 203-924-1555 x1349

Closest street address: 11 Cribbins Avenue

Weather conditions: Dry

Date and time event started: Wed May 30 09:30:00 EDT 2018

Date and time event ended: Wed May 30 10:30:00 EDT 2018

Location of bypass: Manhole

Type of bypass: Raw Sewage

Cause of bypass: Sewer Line Blockage - Other

How was event discovered? Homeowner called in reporting service connection not working.

Estimated volume or quantity of bypass: 1 - 50

How was quantity determined? Visual

If reported, final volume or quantity: null

Did bypass reached a waterbody: No

Waterbody name: null

Comments: Jetted line, cleaned manhole of clothing and flushable wipes.

Note: A copy of this email is being sent to the Department of Energy and Environmental Protection, Bureau of Water Protection and Land Reuse, Municipal Wastewater Section. If the bypass event is reported to have reached a waterbody and have a volume greater than 1,000,000 gallons then a copy of this email is sent to Department of Energy and Environmental Protection Public Affairs Office. If the bypass is reported to have reached a waterbody and the location is in Ansonia, Branford, Bridgeport, Clinton, Darien, Derby, East Haven, East Lyme, Fairfield, Greenwich, Groton, Guilford, Ledyard, Madison, Milford, Montville, New Canaan, New Haven, New London, North Stonington, Norwalk, Norwich, Old Lyme, Old Saybrook, Orange, Seymour, Shelton, Stamford, Stonington, Stratford, Trumbull, Waterford, West Haven,

APPENDIX C

NOTIFICATION OF SIGNIFICANT RAINFALL EVENTS

Robert Kulacz

From: Rick Schultz
Sent: Thursday, January 11, 2018 9:33 AM
To: Robert Kulacz; Rimas Balsys; George Stachowicz; Charlie Kelly; Elaine Matto (E-mail); Ginny Harger (E-mail); Jimmy Tickey (jimmytickey@gmail.com); mark widomski (jwidomski@snet.net); nancy dickal; Ned Miller; Tony Panico (E-mail); Tony Pogoda (cclng@comcast.net)
Cc: Cyndee Burke; Paul DiMauro (pd06484@hotmail.com)
Subject: Notice of Severe Weather

Severe weather has been forecasted for Friday into Saturday morning with between 1.5 inches to 3 inches of rain before cold weather returns. Developers have been contacted by Staff to be prepared for extreme conditions with the upcoming rain and snowmelt. Staffing will be provided over the weekend to monitor the situation.

Rick Schultz

Robert Kulacz

From: Rick Schultz
Sent: Tuesday, February 27, 2018 12:43 PM
To: Robert Kulacz; Rimas Balsys; Cyndee Burke; Jack Bashar; Michael Maglione; George Stachowicz; Charlie Kelly; Elaine Matto (E-mail); Ginny Harger (E-mail); Jimmy Tickey (jimmytickey@gmail.com); mark widomski (jwidomski@snet.net); nancy dickal; Ned Miller; Tony Panico (E-mail); Tony Pogoda (cclng@comcast.net)
Cc: Rob Scinto (ras@scinto.com); Albert Grasso; Al Shepard (karen.nok@snet.net)
Subject: Notice of Soil and Erosion Problems/Severe Weather Forecasted

Staff has been notifying developers of problematic anti-tracking aprons at city-wide projects due to warm weather conditions. Heavy rain is also forecasted for Thursday night/Friday associated with a potential powerful northeaster. Additional measures are being required all of developers during this week and beyond until drier conditions exist.

Rick Schultz

Robert Kulacz

From: Rick Schultz
Sent: Friday, August 10, 2018 8:15 AM
To: Paul DiMauro (pd06484@hotmail.com); Robert Kulacz; Rimas Balsys; George Stachowicz; Michael Maglione; John Cook; Jack Bashar; Charlie Kelly; Elaine Matto (ematto@aol.com); Ginny Harger (Ginny Harger); Jimmy Tickey (jimmytickey@gmail.com); mark widomski (jwidomski@snet.net); nancy dickal; Ned Miller (nmiller@starshep.com); Tony Panico (Tony Panico); Tony Pogoda (cclng@comcast.net)
Cc: Rob Scinto (ras@scinto.com); Albert Grasso; Al Shepard (karen.nok@snet.net)
Subject: Notice of Severe Weather

There is a significant chance of severe flooding on Saturday with 2 to 4 inches of rain forecasted. I have advised developers to be prepared and address sediment and erosion control issues if needed. Staff will be monitoring the storm and will be available this weekend to make field inspections.

Rick Schultz

Robert Kulacz

From: Rick Schultz
Sent: Tuesday, August 21, 2018 8:46 AM
To: Paul DiMauro (pd06484@hotmail.com); Michael O'Bymachow; Albert Grasso; Rob Scinto (ras@scinto.com); Michael Maglione; Charlie Kelly; Elaine Matto (ematto@aol.com); Ginny Harger (Ginny Harger); Jimmy Tickey (jimmytickey@gmail.com); mark widomski (jwidomski@snet.net); nancy dickal; Ned Miller (nmiller@starshep.com); Tony Panico (Tony Panico); Tony Pogoda (cclng@comcast.net)
Cc: Robert Kulacz; Rimas Balsys; John Cook; Jack Bashar; Cyndee Burke
Subject: Notice of Severe Weather

Severe weather is expected tomorrow including heavy rain for most of day. Developers have been notified by Staff to inspect their sediment and erosion control measures and to maintain them as necessary. Staff will be in the field all day to monitor the situation.

Rick Schultz

Robert Kulacz

From: Rick Schultz
Sent: Tuesday, September 25, 2018 9:12 AM
To: Charlie Kelly; Elaine Matto (ematto@aol.com); Ginny Harger (Ginny Harger); Jimmy Tickey (jimmytickey@gmail.com); mark widomski (jwidomski@snet.net); nancy dickal; Ned Miller (nmiller@starshep.com); Tony Panico (Tony Panico); Tony Pogoda (cclng@comcast.net)
Cc: Paul DiMauro (pd06484@hotmail.com); George Stachowicz; Robert Kulacz; Rimas Balsys; Michael Maglione; Cyndee Burke; Jack Bashar
Subject: Notice of Severe Weather

The forecasters are projecting between 2 and 3 inches of rain today thru Wednesday. Developers have been advised to watch their sediment and erosion control measures throughout the storm period. Staff will be inspecting sites to ensure compliance.

Rick Schultz

APPENDIX D

NEWS ARTICLES

2018 Shelton Clean Sweep

April 21-April 29

An Earth Day celebration

Join our efforts to clean Shelton's public spaces and waterways by putting litter in its place. The location, date and time is at your discretion. Bags, gloves, and removal of the collected litter available. Work alone, organize a group effort, or join one of the following cleanup events:



Housatonic River Cleanup: Saturday, April 21, 2018, 8 am to 2 pm. Go to the Sunnyside Boat Launch anytime during that time window. Boaters will take volunteers up and down the river to collect litter (low tide is the easiest time for litter cleanup). Organized by Housatonic River Clean-up Inc.

Shelton Lakes Cleanup: Sunday, April 22 (Earth Day) at 1:00 pm. Meet at the Shelton Ave hiker lot where the powerlines cross (west of Nells Rock Road). Organized by the Shelton Anti-Litter Committee.

High School Community Service forms can be signed at both events.

Free custom iron-on patches to all participants. The 2018 patch features the Hope Lake dam. For more information, register your clean-up plans, or request patches, please visit:

www.DontTrashShelton.org

With your help we CAN make a difference...

Sponsored by the Shelton Anti-Litter Committee. Our mission is to create awareness of the litter problem in Shelton...clean up our streets, public recreation areas, waterways, hiking trails, and school grounds.


[Home](#)
[About](#)
[Clean Sweep](#)
[Adopt-a-Street](#)
[Recognitions](#)
[Community Service](#)
[Location List](#)

MENU

Shelton Clean Sweep

Banishing Litter from Shelton, CT

The 12th annual Clean Sweep will be held the *entire week* of Earth Day, April 22, 2019.

Begins: Saturday, April 20, 2019

Ends: Sunday, April 28, 2019

See Registered Events

Record a Cleanup

How to participate in Shelton Clean Sweep:

See recent cleanups

1. Join a cleanup or plan a cleanup in your neighborhood to remove litter from public spaces or waterways.

Patch & Certificate Request

Cleanup events open to the public:

Clean Sweep FAQs

Find a Location

Shelton Lakes Cleanup: Details to be announced.

Neighborhood Clean-Up Form (MS Word)

Clean Sweep Recognitions



See our blog



We encourage Sheltonites to organize cleanups in their neighborhoods. There are plenty of open space properties, waterways, roadways, and schools with litter problems. Clean-up event examples: one person cleaning up their roadway, a neighborhood group cleaning up an open space property where litter blows in from the street, a Scouting group cleaning up a park or school, and a business cleaning up a roadway.

2. Organize some volunteers to clean that location, or work alone, whatever works best for you. We have a [neighborhood flyer](#) that can help.

3. Register your cleanup event as early as possible so others can see what you plan to clean up and we avoid multiple groups cleaning up the same spot. See what other people have already signed up to clean so there's no conflict with clean-ups (if you want to clean up the same location as someone else, please choose a date **AFTER** the clean-up that was already scheduled). Note that we are flexible: Cleanups do not actually need to be held April 18-26. If some other date in April works better for you, that's fine (earlier is better).

4. Pick up bags and gloves from the Community Center or City Hall (Mayor's office, 2nd floor, or from the Natural Resource Manager Teresa Gallagher, Room 102).

5. Clean up litter anytime during the WEEK of Earth Day, April 22. If another day in April works better, that's OK, too. Consider taking photos for us.

6. If necessary, call Highways and Bridges to pick up the accumulated litter 203-924-9277 during business hours. Do not bring the trash home if you plan for Highways and Bridges to make a special trip - leave it along the nearest roadway.

7. File a Cleanup report that lets everyone know how much you picked up. This gives us a better picture of how many people have picked up litter throughout the city. If you didn't register, you can still file a cleanup report. We encourage it.

8. For certificates from the Mayor and/or free iron-on patches, please complete the request form (*see left menu*).

City announces 2018 Clean Sweep "Volunteer of the Year" awards

By Shelton Herald on August 11, 2018 in Community, Lead News, News ·

About author



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Hundreds of people participated in Shelton's annual Clean Sweep event last April by removing litter from their neighborhood streets, parks and waterways. All participants were eligible for free custom iron-on patches, which featured the Hope Lake dam in 2018, as well as certificates of appreciation signed by Mayor Mark Lauretti.



Each year, the City gives special recognition to a few of its most active volunteers.

Individual Category: Lisa Sutton

Lisa Sutton has been picking up litter around Shelton for years. One of the places she often cleans up is the Gristmill Trail area on Mill Street along the Far Mill River. The two parking areas and the fishing area around the dam are often a mess and she cleans that up, according to City organizers. She's also picked up litter from other trailhead parking areas, like the one at Eklund Garden at Shelton Lakes, from church parking lots and from roadsides. One of Sutton's pet peeves are cigarette butts, which contain plastic and are not biodegradable.

Group Category: Boy Scout Troop 28

Troop 28 has a tradition of removing large piles of debris from Shelton's Public Open Space, and, they did it again in 2018. They chose a location near the Shelton Lakes Community Garden and hiking trails, where abandoned junk was scattered along an area filled with thorny brush. The debris included four tires and rims, a hot water tank, a large metal desk, an old toilet, a mattress, aluminum siding, two lawn mowers, two 55-gallon drums, six large bags of smaller items and other debris. Plot holders at the nearby community garden were especially happy to see the junk removed from the woods.

Business Category: Tighe and Bond

Employees at Tighe and Bond's Shelton office (1000 Bridgeport Ave.) once again cleaned up portions of Isinglass Road and Huntington Street, abutting the land around Trap Falls Reservoir. They filled thirty-five large trash bags with litter and removed other items such as car parts and buckets. Tighe and Bond offers engineering and environmental consulting services.

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Thursday, November 29, 2018

"Identifying Serious Infections"



Lynn Green, MSN, RN-BC, COHN, PCOH
Critical Care Clinical Nurse Educator
St. Vincent's Medical Center

12:00 noon – 1:30 pm

Lord Chamberlain Nursing & Rehabilitation Center
7003 Main Street, Stratford
RSVP 203-375-5894 ext 168

Latest Tweets

For more information about Shelton Clean Sweep or it's Adopt-a-Street program, visit DontTrashShelton.org or contact Teresa Gallagher at conservation@cityofshelton.org

Related Posts:

1. Help kids learn about art at Annual Family Fun Day
2. Auditions for Mother Hicks in Shelton Aug. 23
3. The Armenian Church of the Holy Ascension to host its annual Armenian Picnic Festival
4. Bridgeport Art League holds opening reception

Previous Post
Boaters urged to watch for sea turtles following fatal boat strikes

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Conscious Cook: You say tomayto, I say tomahto

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0 Comments **SheltonHerald**

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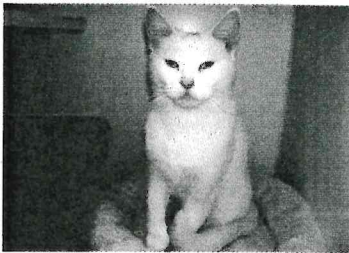
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Name

Be the first to comment.

Tweets by @SheltonHerald

Shelton Herald
@SheltonHerald
Four-year-old cat now available at Trumbull Animal Shelter is.gd/b1cOdR



Nov 26, 2018

Shelton Herald
@SheltonHerald
[Trixie needs a home is.gd/mUUIcQ](https://is.gd/mUUIcQ)



Embed [View on Twitter](#)

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Shelton Anti-Litter Committee

Shelton, CT

THURSDAY, AUGUST 9, 2018

2018 Clean Sweep Volunteers of the Year



The City of Shelton announces its 2018 Clean Sweep "Volunteer of the Year" Awards.

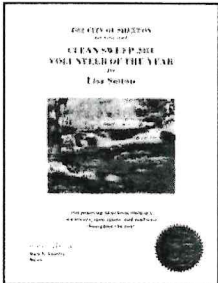
Hundreds of people participated in Shelton's annual Clean Sweep event last April by removing litter from their neighborhood streets, parks, and waterways. All participants were eligible for free custom iron-on

patches, which featured the Hope Lake dam in 2018, as well as certificates of appreciation signed by the Mayor.

Each year, the City also give special recognition to a few of its most active volunteers:

Individual Category: Lisa Sutton

Lisa Sutton has been picking up litter around Shelton for years. One of the places she often cleans up is the Gristmill Trail area on Mill Street along the Far Mill River. The two parking areas and the fishing area around the dam are often a mess and she cleans that up. She's also picked up litter from other trailhead parking areas like the one at Eklund Garden at Shelton Lakes, from church parking lots, and from roadsides. One of Ms Sutton's pet peeves are cigarette butts, which contain plastic and are not biodegradable.



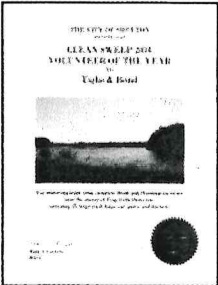
Group Category: Boy Scout Troop 28

Troop 28 has a tradition of removing large piles of debris from Shelton's Public Open Space, and they did it again in 2018. They chose a location near the Shelton Lakes Community Garden and hiking trails where abandoned junk was scattered along an area filled with thorny brush. The debris included four tires and rims, a hot water tank, a large metal desk, an old toilet, a mattress, aluminum siding, two lawn mowers, two 55-gallon drums, 6 large bags of smaller items, and other debris. Plot holders at the nearby community garden were

especially happy to see the junk removed from the woods.

Business Category: Tighe and Bond

Employees at Tighe and Bond's Shelton office (1000 Bridgeport Ave.) once again cleaned up portions of Isinglass Road and Huntington Street that abut the land around Trap Falls Reservoir. They filled thirty-five large trash bags with litter and removed other items such as car parts and buckets. Tighe and Bond offers engineering and environmental consulting services.



SEARCH THIS BLOG

Go!

LINKS

- Don't Trash Shelton
- Record Your Litter Cleanup
- See Clean Up Results
- Clean Sweep
- 2013 Clean Sweep Patches/Cert Request Form
- Adopt-a-Street

BLOG ARCHIVE

- ▼ 2018 (1)
 - ▼ August (1)
 - 2018 Clean Sweep Volunteers of the Year
- 2017 (2)
- 2016 (2)
- 2015 (5)
- 2014 (8)
- 2013 (11)

FOLLOW BY EMAIL

Email address...



Housatonic River Clean Up, Inc.
30 Regent Terrace – Milford, CT 06460
Chairman: Scott Mitchell – (203) 339-2514

Sponsorship Form

Company Name _____

Contact Person _____

Mailing Address _____

City State Zip _____

Phone _____ Email _____

I would like to donate. (please indicate amount below)

Level 1: \$50.00 \$ _____
and above

This will put your name on our billboard.

Level 2: \$150.00 \$ _____
and above

This will put your name on our billboard and T-shirt.

At this level you are entitled to (1) T-shirt. Please indicate a size _____

Level 3: \$300.00 \$ _____
and above

This will put your name and logo on our billboard and T-shirt.

At this level you are entitled to (3) T-shirts. Please indicate sizes _____

Other Support
Levels

Choose Your Own Level of Support \$ _____

In-kind Products &
Services

I would like to donate the following items: _____

Value \$ _____

Please call Melinda at 203-988-0883 to arrange for pick up of the donated items.

Donations over \$300.00 in value please email your logo to
hrcuteam@gmail.com

Please make checks payable to

Housatonic River Clean Up
30 Regent Terrace
Milford CT 06460.

To ensure your name appears on the cleanup billboard and t-shirts.
Your donation must be received by April 6, 2018.

Volunteers to assemble on Saturday for Housatonic River cleanup

By Melvin Mason on April 18, 2018 in Clubs & Organizations, Community, Lead News, News ·

Latest Tweets

Tweets by @StratfordStar



Volunteers armed with garbage bags and work gloves will work to clear the Housatonic River of waste on April 21 in Stratford and Shelton. — Contributed photo



Logs, tires and other garbage have been removed from the Housatonic River during past river cleanups. — Contributed photo

About author

Leon Sylvester has seen plenty of things pulled from the waters of the





Melvin Mason

Editor for the Stratford Star.
Former reporter for the
Darien Times.

Housatonic River.

From paper to plastic to styrofoam, the longtime fisherman and boater becomes saddened at how much is pulled from one of Connecticut's most famous waterways.

"We clean it and it comes back. You can't miss it. It's always there," said Sylvester, a Shelton resident and environmentalist.

So he and others concerned about the river's health will gather on Saturday to clean things up in the best way they can.

Volunteers in Stratford and Shelton will take to the river on April 21 as part of the annual Housatonic River Clean-Up.

This is the 30th year of the cleanup. Once organized by the Trophy Chasers boat club, the job is still as hefty and important as before.

Stratford volunteers will gather at the Birdseye Street boat ramp, while Shelton volunteers will assemble at Sunnyside boat ramp off River Road. The cleanup efforts will run from 8 a.m. to 2 p.m.

Sylvester, 43, has run the Shelton end of the cleanup for about 15 years. While state and federal environmental laws have helped cut down on some of the waste, Sylvester said the cleanup remains a big job, for locals who live along the river and high school students in Stratford and Shelton who want to lend a hand, especially since it falls on Earth Day weekend.

"We try to stop what's floating from the Housatonic in Massachusetts and try to stop it from getting to the [Atlantic] Ocean," Sylvester said.

Melinda Fonda, Stratford's town assessor, said she's seen more than 10 tons of garbage removed from the river from both locations in a given year. That includes plastic bottles, felled tree limbs, portions of decks damaged in storms, and even a barrel of chemicals.

"You would kind of be like, 'Wow it's that bad.' We just want to make people more aware of it."

Fonda, who has worked on the cleanup since 2009, said she cares greatly about making the river a little cleaner and hopes other volunteers heed the call for help.

"It's a nice community activity," she said. "It's just become part of my job."

Volunteers will receive a cleanup T-shirt. Coffee, refreshments and lunch will be provided by local sponsors.

Volunteers are asked to wear water-resistant footwear and work gloves, though garbage bags and work gloves will be provided.

For more information, visit facebook.com/Housatonic-River-Clean-Up-Inc.

Related Posts:

1. **Housatonic River Clean Up Saturday**
2. **Norwalk River 'One Fly' & Kids Fishing Tournament May 27**
3. **Save the Sound launches Unified Water Study of LI Sound**
4. **Trout Unlimited seeks help restoring stream**

Tags: clean rivers, clean waters, cleanup, earth day, Housatonic River, Housatonic River Clean Up, Housatonic River Cleanup, river health, shelton volunteers, stratford volunteers



52 people like this. Sign Up to see what your friends like.

Previous Post
Trying Out: Calls for art and auditions

Next Post
Bankwell launches Pet Adoption Project

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APPENDIX E

HAZARDOUS WASTE COLLECTION

**SHELTON'S HOUSEHOLD
HAZARDOUS WASTE
COLLECTION DAY**

DATE: Saturday, September 29, 2018

TIME: 9:00 AM – 1:00 PM

**PLACE: Shelton Highway Dept.
41 Myrtle Street**

**For More Information Contact:
Shelton Highway Department
203-924-9277 or 203-924-1555 X 1370**

Shelton Residents may participate in the Household Hazardous Waste Drop Collection free of charge.

See below for a listing of items that should be saved for disposal at Shelton's annual Household Hazardous Waste Collection Day.

To save time on collection day, you may print and complete the attached form and bring it with you.

Ammunition, Explosives and Fireworks should be taken to the Shelton Police Department. Call first – 203-924-1544

Used motor oil and antifreeze generated by individuals performing work on their own vehicles may be taken to the Highways and Bridges Department 41 Myrtle Street Monday –Friday 7:00 am – 2:30 pm 203-924-9277.



Upcoming Events

Board of Education-Finance Subcommittee

June 20 @ 5:00 pm - 6:00 pm

Board of Apportionment & Taxation – SPECIAL

June 21 @ 7:00 pm - 8:00 pm

Inland Wetlands Commission – SPECIAL

June 21 @ 7:00 pm - 9:00 pm

Parks & Recreation Commission

June 21 @ 7:30 pm - 8:30 pm

TEAM

June 25 @ 5:30 pm - 6:30 pm

Board of Aldermen-Finance Committee-CANCELLED

June 26 @ 6:30 pm - 7:00 pm

Board of Aldermen-Public Hearing on Ordinances-CANCELLED

June 26 @ 7:00 pm - 8:00 pm

[View Full Calendar>>](#)



924-1555 Ext.1304.

Hazardous Waste Information

City of Shelton Household Hazardous Waste Collection Day

DATE: Saturday, September 29, 2018

TIME: 9:00 AM – 1:00 PM

PLACE: Shelton Highway Department (City Yard) 41 Myrtle Street


For More Information Contact:

Shelton Highway Department 203-924-9277 or

Recycling Coordinator 203-924-1555 X 1370

Shelton Residents may participate in the Household Hazardous Waste Drop Collection **Free of Charge**.

See below for a listing of items that should be saved for disposal at Shelton's annual Household Hazardous Waste Collection Day.

To save time on collection day, you may print and complete the Collection Form  and bring it with you.

Ammunition, Explosives and Fireworks should be taken to the Shelton Police Department.

Call first: 203-924-1544

Used MOTOR OIL and ANTIFREEZE generated by individuals

performing work on their own vehicles may be taken during the year to:

Shelton Highways & Bridges Department

41 Myrtle Street

OPEN Monday thru Friday 7:00 am to 2:30 pm

203-924-9277

Items Accepted on Household Hazardous Waste Day:

- Artist Supplies
- Airplane Glue
- Brake Fluid/Carburator Cleaner
- Car Wax & Polishes
- Chemical Fertilizers
- Drain & Toilet Cleaner
- Driveway Sealer
- Engine Degreaser
- Fiberglass Resins
- Flea Control Products
- Floor & Metal Polish
- Fluorescent Light Bulbs- (Transfer Station)
- Fuels/Gasoline/Kerosene
- Fungicides
- Furniture Polish
- Hobby Supplies
- Insecticides

- Lighter Fluid
- Moth Balls
- Oven Cleaner
- Paint
- Paint Strippers/Thinners

- Photo Chemicals
- Poisons
- Roofing Tar
- Rubber Cement
- Rug & Upholstery Cleaner
- Solvent Adhesive
- Spot Remover
- Stains & Varnishes
- Swimming Pool Chemicals
- Transmission Fluid
- Weed Killers
- Wood Preservative

How can I Safely Transport These Hazardous Materials???











- Leave material in original containers
- Tighten caps and lids
- Sort and pack separately: paint, pesticides and household cleaners
- Pack containers in sturdy upright boxes and pad with newspaper
- NEVER MIX CHEMICALS
- Pack your car and drive directly to the collection site
- NEVER SMOKE while handling hazardous material

What NOT to bring!!!

- NO Ammunition, Fireworks, Explosives (call first /take to Police Dept.)
- NO Commercial or Industrial Waste
- NO Empty Containers (put in Trash Cart)
- NO Fire Extinguishers

- NO Infectious & Biological Waste
- NO Prescription Medicines/Syringes
- NO Propane or Pressurized Cylinders
- NO Radioactive Waste
- NO Smoke Detectors

City Resident Tools

	View and Pay Taxes
	Town Meetings
	Waste Collection Schedule
	Report Potholes
	Public Safety
	Public Works
	Parks & Rec
	Code Red
	Bids & RFPs
	Connecticut 2-1-1

September 29, 2018

PARTICIPANTS IN SHELTON HOUSEHOLD HAZARDOUS WASTE COLLECTION

Please have your driver's license out. Complete the form below; and give to a volunteer at the collection area.

Name _____

Address _____

LICENSE PLATE # _____

Please check the items that you are bringing. Enter the **approximate** amount of material, number of gallons, lbs. etc.

From the Workbench

- () Paints #of gals. _____
- () Paint Strippers/Thinners # _____
- () Lighter Fluid # _____
- () Solvent Adhesives # _____

From the House

- () Cleaning Supplies
- () Fiberglass Resins
- () Fluorescent Light Bulbs # _____
- () Hobby Supplies, Artist Supplies
- () Photo Chemicals

From the Garage

- () Brake Fluid # _____
- () Carburetor Cleaner# _____
- () Car Wax, Polishes # _____
- () Driveway Sealer # _____
- () Engine Degreaser # _____
- () Fuels/Gasoline/Kerosene# _____
- () Roofing Tar #gal. _____
- () Swimming Pool Chemicals# _____
- () Transmission Fluid # _____

From the Yard

- () Chemical Fertilizers #lbs _____
- () Flea Control Products
- () Moth Balls
- () Poisons, Insecticides, Fungicides
- () Weed Killers# _____

*OTHER _____

Miscellaneous

total # of gals. _____

STAY IN YOUR VEHICLE, if you need assistance, a volunteer will help you.



CUSTOMER RECEIPT:

BILL TO:

CITY OF SHELTON
DEPARTMENT OF HIGHWAY & BRIDGES
41 MYRTLE STREET
SHELTON, CT 06484
PHONE: 203-924-9277
CONTACT: RAY CHRZANOWSKI

260 cars

DATE: 9/29/2018

MANIFEST NUMBER: 012205491FLE

SHIPPING DESCRIPTION:

FIRE EXTINGUISHER ①	
AEROSOLS 3 bxs	
PROPANE ①	
FLAMMABLE LIQUID BULK 6 x 55g.	
PAINT RELATED MATERIAL 3 bxs	
FLAMMABLE SOLIDS 1 x 5g	
OXIDIZING LIQUID 1 x 55g	
OXIDIZING SOLID 1 x 55g	
ORGANIC PEROXIDE 1 x 5g	
PESTICIDE LIQUID 2 bxs	
PESTICIDE SOLID 1 bx	
TOXIC LIQ ②	
CORROSIVE ACID LIQUID 2 x 55g.	
CORROSIVE ACID SOLID 1 x 55g	
CORROSIVE BASIC LIQUID 2 bxs	
CORROSIVE BASIC SOLID 1 x 55g.	
MERCURY 1 x 55g.	
ASBESTOS ①	
NICKEL-HYDRIDE ①	
NI CAD BATTERIES 1 x 5g	
LITHIUM BATTERIES 1 x 5g	
MOTOR OIL / WATER 12 x 55g.	

OF HOUSEHOLDS: 260

MXI SIGNATURE:

CUSTOMER SIGNATURE:

www.mxiinc.com

LOCATIONS:

297 ZIMMERMAN LANE
LANGHORNE, PA 19047
(267)590-0043P
(267)590-0050F

6319 OLD TRAIL ROAD
ABINGDON, VA 24212
(276)628-6636P
(276)628-4435F



CUSTOMER RECEIPT:

BILL TO :

PAINT CARE INC.
1500 RHODE ISLAND AVE, NW
WASHINGTON, DC 20005
PHONE: 202-462-6272
CONTACT: MARJANEH ZARREHPARVAR

DATE: 9/29/2018

MANIFEST NUMBER: SHELTY92918B, SHELTY92918C

SHIPPING DESCRIPTION:

Y3 BOXES PAINT
Y3 BOXES LATEX PAINT PROCESSING

8 bxs.
13 bxs.

SITE ADDRESS:

Shelton Highway Department
41 Myrtle Street
Shelton, CT 06484
PAINT CARE SITE ID: 1740

MXI SIGNATURE:

A stylized, handwritten signature in dark ink, likely belonging to a representative of MXI.

www.mxiinc.com

CUSTOMER SIGNATURE:

A handwritten signature in dark ink, likely belonging to a representative of the customer, Paint Care Inc.

LOCATIONS:

297 ZIMMERMAN LANE
LANGHORNE, PA 19047
(267)590-0043P
(267)590-0050F

6319 OLD TRAIL ROAD
ABINGDON, VA 24212
(276)628-6636P
(276)628-4435F

APPENDIX F

PUBLIC EDUCATION DISPLAYS

Book Donations Suspended

Due to library renovation, we're unable to accept any book donations until further notice.

There will be no October sale, but we'll see you in May!!

Book Donations
Due to library renovation, we're unable to accept any book donations until further notice.

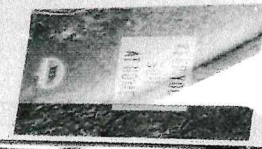
CLEAN WATER STARTS IN YOUR BACKYARD



CITY OF SHELTON
OFFICE OF THE CITY ENGINEER
<http://shelton.ct.gov/public-works/storm-water-management/>



Stormwater Pollution Prevention Guide



NONPOINT SOURCE WATER POLLUTION



SC WaterWays



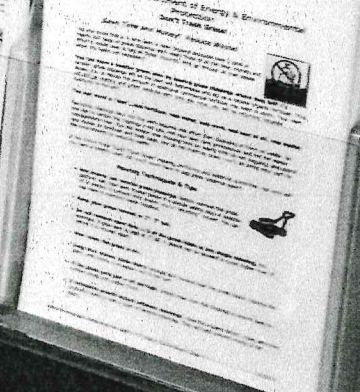
Clean Waters



Reduce the need for pesticides and herbicides



Connecticut Department of Energy & Environmental Protection



Alter
Dona

My Sister's P
380 Main Stre
Ansonia, CT 06
203-734-2960

Big Brothers Big
7 Clifton Avenue
Ansonia, CT 0640
203-308-2610
2 bag/box limit

New Haven Rea
Community Book
45 Bristol Street
New Haven, CT 06
203-752-1923

Good Stuff Shoppe
186 Coram Avenue
Shelton, CT
Church phone 203-92
(open 10-5 Thurs, Fri)

APPENDIX G

EDUCATIONAL PAMPHLETS



Clean Waters

Starting in Your Home and Yard

Clean Waters is a collaboration of the Connecticut Sea Grant Extension Program and the University of Connecticut Cooperative Extension System's NEMO Project, educating individuals about the impacts of everyday activities on water quality and simple techniques that help protect water resources from the home well to Long Island Sound.

Caring for Your Septic System

When you flush your toilet, or pour something down your drain, do you know where it goes? If your home is not on a municipal or community system, your wastewater probably goes into an on-site sewage disposal system, commonly called a septic system. A septic system is designed to collect, treat and dispose of wastewater on site so that it can percolate into the ground without clogging the soil or contaminating ground or surface waters.

In Connecticut, nearly 40% of homes use some form of on-site sewage disposal system to treat and dispose of household wastewater. When properly sited, designed, installed and maintained, a septic system can be a cost-effective method of wastewater treatment. However, since wastewater disposal is something most of us don't spend much time thinking about, many systems are out of date, not functioning properly, or clearly failing.

Domestic wastewater contains several kinds of pollutants. The major pollutant is the pathogens (disease-causing microorganisms) like the bacteria and viruses that cause dysentery, hepatitis, and typhoid fever. Fortunately, soil and soil bacteria can effectively remove most pathogens from wastewater treated by a properly functioning septic system.

When nutrients such as nitrogen and phosphorus are discharged from septic systems into the groundwater, they can contaminate drinking water supplies, and also represent a potentially important nonpoint source of pollution to ponds, streams, and estuaries such as Long Island Sound. In freshwater systems, phosphorus causes excessive aquatic weed growth that can limit the uses of ponds and lakes. In the Sound, excess nitrogen fuels massive algal blooms, which in turn die, using up oxygen as they decompose.

The improper use of septic systems has been

shown to contribute to contamination of groundwater by toxic chemicals. Contaminants that may enter groundwater through septic systems include heavy metals and toxic chemicals from small commercial establishments, toxic household products, and organic chemicals typically found in septic tank cleaning products.

How Does A Septic System Operate?

Most systems have two main components: the septic tank and the leach field. A distribution box is often found between these two components to distribute wastewater to all parts of the leach field.

The septic tank receives the wastewater and provides a site for the solids to separate and settle and for some decomposition of solids and contaminants to occur. Heavy solids settle to the bottom of the tank forming a layer of sludge. Lighter solids, like grease, float to the top forming a layer of scum. The wastewater in the middle is pushed out into the leach field as more wastewater moves into the tank. Solids need time to settle to prevent them from being pushed out into the leach field and they also need to be periodically pumped from the tank. A properly sized tank will hold 2-3 days worth of wastewater to allow for proper settling. A two-chambered tank allows for more complete settling of solids because there is less turbulence in the second chamber, resulting in cleaner water leaving the tank.

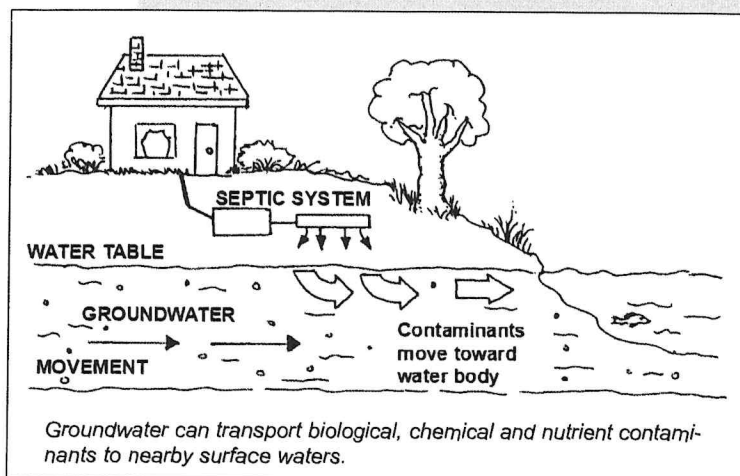
The leach field consists of trenches or a bed, often lined with gravel or coarse sand, and is buried one to three feet below the surface of the ground.

Perforated pipes or drain tiles run through the trenches. Wastewater trickles from the perforat-

3

Fact Sheet

December 1999



ed pipes through the gravel and into the soil, which acts as a biological filter. Microorganisms found in the soil, and the soil itself, continue the treatment process begun in the tank by removing harmful organisms, organic matter and some nutrients.

Care and Maintenance of the System

Proper siting, design and installation are all critical to the proper functioning and long life of a septic system. The owner/user of that system plays an equally important role. Using preventive practices, maintaining the system and watching for signs of failure are key.

Preventive practices include (a) improving the quality of wastewater, (b) reducing the amount of wastewater, and (c) protecting the leach field. Simply put, use care in what you put into the system. It was designed for one purpose and one purpose only...to treat wastewater exiting the home.

Do not use the wastewater disposal system as a wastebasket, household chemical disposal site, or use unnecessary additives in your system. Also, the use of a garbage disposal further taxes the system. If you use a garbage disposal, your septic tank should be pumped more frequently.

Conserve water where possible. The less

water entering the system, the less turbulence and better settling that will occur. For example, decrease the amount of water going into the tank by spreading out water-using activities (like laundry) during the course of the week. Install low-flow showerheads, use a "toilet tummy" or a half-gallon milk jug filled with water in the toilet tank and encourage short showers in the household.

Lastly, protect the leach field. Avoid compacting the soil or crushing the pipes. Don't let heavy vehicles or animals cross

the leach field; don't place heavy objects like swimming pools or storage sheds over the field. Also, avoid planting trees within the leach field as the roots can cause damage to the system. Grass is the best thing to grow over the leach field.

Maintenance means inspection and pumping of the tank. An inspection should include checking sludge and scum levels as well as checking baffles to be sure that they have not been damaged.

Tank pumping is needed to remove the solids that cannot be broken down by bacteria and which should not enter the leach field. Frequency of pumping will depend upon the number of members in the household as well as the tank size. The state of Connecticut Department of Public Health recommends pumping every 3-5 years. Some towns in Connecticut require routine pumping. Keep maintenance records, using something like the attached record-keeping chart, to avoid the "out of sight, out of mind" problem.

A failing system can result in the spread of disease from improperly treated wastewater/sewage. You should be able to recognize the signs of a failed system and be prepared to act to correct problems. If you experience sewage backup in drains or toilets, slowly draining sinks, tubs and toilets, foul odors, repeated intestinal illnesses in household members, standing waste-

water or soggy areas on the ground above or near the septic system, or excessive growth of lush, green plants over the leach field even during dry weather, your septic system is probably failing.

Use of Additives

There are several types of septic system additives available. Generally, additives are marketed to: digest or "liquify/gasify" the solids in a septic tank; rejuvenate stressed bacterial populations in the tank; and/or increase "settleability" of solids in the tank. Though some of the products may do what they suggest, the necessity of such additives is not proven. Others, though harmless to the system, are ineffective. Others still may actually prove damaging, particularly to the leach field and the soils.

In Connecticut, the State Department of Public Health does not recommend the use of additives. The U.S. Environmental Protection Agency also does not recommend the use of these products.

If you have questions about the location of your septic system, contact your local health department. Also, be sure to maintain records of location, pumping, maintenance or repair should you decide to sell your property. A savvy buyer will want to have confidence in the status of your home's septic system.

Use the record sheet on the back page to keep track of your septic system's location and maintenance.

Tank size (gals.)	Household Size (number of people)					
	1	2	3	4	5	6
500	5.8	2.6	1.5	1.0	0.7	0.4
750	9.1	4.2	2.6	1.8	1.3	1.0
900	11.0	5.2	3.3	2.3	1.7	1.3
1000	12.4	5.9	3.7	2.6	2.0	1.5
1250	15.6	7.5	4.8	3.4	2.6	2.0
1500	18.9	9.1	5.9	4.2	3.3	2.6
1750	22.1	10.7	6.9	5.0	3.9	3.1
2000	25.4	12.4	8.0	5.9	4.5	3.7
2250	28.6	14.0	9.1	6.7	5.2	4.2
2500	31.9	15.6	10.2	7.5	5.9	4.8

*Estimated septic tank pumping frequencies in years.
These figures assume there is no garbage disposal unit in use.
(Source: Pennsylvania State University Cooperative Extension Service)*

Sources:

Long Island Sound Study, "The Impact of Septic Systems on the Environment," Fact Sheet #13, September 1991.

The University of Rhode Island Department of Natural Resources Science, "Maintaining Your Septic System", Fact Sheet 88-2, April 1988.

"Small Flows" Newsletter, Spring 1997, Vol. 11, No. 2, 'Septic Tank Additives', page 10.

Written by-

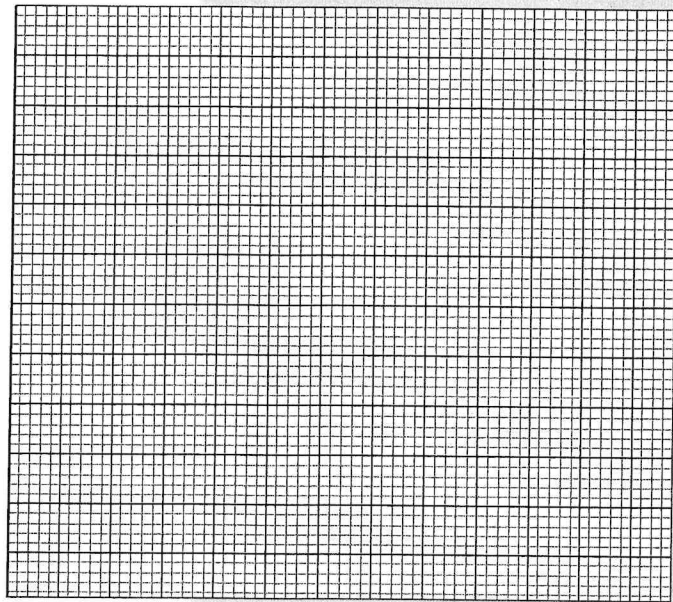
Karen K. Filchak
Extension Educator
University of Connecticut
Cooperative Extension System

For more information contact: Connecticut Sea Grant,
1084 Shennecossett Rd. Groton, CT 06340
www.seagrants.uconn.edu



The Connecticut Sea Grant College Program, based at the University of Connecticut, is part of a national network of university-based programs sponsoring coastal and marine-related research, outreach and education.





Record Sheet

Septic System Layout

If you do not have a sketch of your septic system to place in this file, you should fill in the space provided, showing the relative location of your septic system components in relation to your house.

Date	Work Done	Firm	Cost

Preventive Maintenance Record

Keeping a record of your septic system maintenance experience will help you anticipate when the next cleaning may be needed.

If you should move, leaving a copy of this record will help the new homeowner.

Your Septic System Pumper

Name _____
 Address _____
 Date Installed _____
 Phone _____

Your Septic System Installer

Name _____
 Address _____
 Date Installed _____
 Phone _____

APPENDIX H

STORMWATER MANGEMENT O&M CORRESPONDENCE



203-924-1555 ext 1509
Fax: 203-924-1136
Email: shelton.eng@cityofshelton.org

City of Shelton
Office of the City Engineer
54 Hill Street
Shelton, Connecticut 06484-3207

Robert F. Kulacz, P.E.
City Engineer

Rimas J. Balsys
Assistant City Engineer

May 29, 2018

Gardner Heights Realty
C/o Apple Health Care
21 Waterville Rd
Avon, CT 06001

Re: 172 Rocky Rest Road, Shelton, CT – Stormwater Collection System;
Stormwater System Operation and Maintenance

Dear Sir or Madam:

This office received an inquiry from a resident regarding potential runoff from your facility at 172 Rocky Rest Road. A cursory inspection of your stormwater collection system revealed one catch basin that was completely filled and another that contained significant debris.

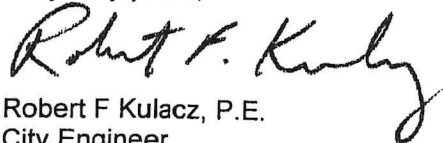
Under the City Stormwater Management/Operation and Maintenance Requirements (Ordinance No. 854), the operation and maintenance of a private stormwater collection system is the responsibility of the owner. A copy of the ordinance is enclosed for your use. We have highlighted Section 8, which details your responsibilities.

At this time you are directed to inspect and clean the stormwater collection system on your property. In the event that you do not have records of the system, we have enclosed a copy of the February 1983 Drainage Plan that delineates the storm sewer system and the underground infiltration (containment) system. The City maintained (municipal) storm sewer system has been highlighted in green. The catch basins that require attention are highlighted in yellow.

It is imperative that your system be properly maintained to avoid adverse impact to adjacent properties and the City storm sewer system, and to reduce the discharge of pollutants to the waters within Shelton. If you or your contractor has any questions regarding this correspondence, please don't hesitate to contact us.

Kindly notify this office when an inspection of the system has been completed and the deficiencies have been corrected. Your timely attention is expected in this matter.

Very truly yours,



Robert F Kulacz, P.E.
City Engineer

Enclosures: Ordinance No. 854
Drainage Plan dated 2/7/83
Planimetric Map (100 scale)

Cc: Paul DiMauro, Director of Public Works
George Stachowicz, Superintendent of Highways & Bridges
Rimas J Balsys, Assistant City Engineer

File: 1) Street File
2) Site Plan File
3) ~~MS4 File~~

Date 6/12/18 Hour 9:30am

To Bob

WHILE YOU WERE OUT

M Diana Huenerberg

Of Dir. Maint. Graceland Hgts

Phone 203 1924-6272

E-Mail _____

Telephoned <input checked="" type="checkbox"/>	Returned Call <input type="checkbox"/>	Left Package <input type="checkbox"/>
Please Call <input checked="" type="checkbox"/>	Was In <input type="checkbox"/>	Please See Me <input type="checkbox"/>
Will Call Again <input type="checkbox"/>	Will Return <input type="checkbox"/>	Important <input type="checkbox"/>

Message re: letter

She has quotes to clean
out 4 steam drains, but
question on location
of the four. Needs
clarification - makes
difference to quotes.
Wants to make sure
they're doing right ones.

Signed PU

REORDER NO. 50-226

Date 6/11/18 Hour _____

To Bob

WHILE YOU WERE OUT

M Dan Brennwald

Of Dir. of Physical Plant
Apple Rehab

Phone (860) 678-9755

E-Mail _____

Telephoned <input checked="" type="checkbox"/>	Returned Call <input type="checkbox"/>	Left Package <input type="checkbox"/>
Please Call <input type="checkbox"/>	Was In <input type="checkbox"/>	Please See Me <input type="checkbox"/>
Will Call Again <input type="checkbox"/>	Will Return <input type="checkbox"/>	Important <input type="checkbox"/>

Message FYI

- acknowledged letter

- in process of correcting
getting quotes

- will take pictures
send receipts when
done

- call if you need

Signed PU

REORDER NO. 50-226



**Office of the City Engineer
City of Shelton**

Memo

To: MS4 File
From: Robert F. Kulacz, City Engineer *RFK*
Date: September 5, 2018
Re: 172 Rocky Rest Road – Gardner Heights

On September 4, 2018, the writer inspected the stormwater collection system. All catch basins were cleaned in compliance with correspondence/directive dated May 29, 2018.

This office was notified that work was complete by Diana Uniberg on 7/23/18. Telephone is 203-924-6272.

File: 1) Street File
2) Site Plan File