

**STORMWATER
POLLUTION
PREVENTION PLAN
(SWPPP)**



Town of Wilton
Transfer Station
128 Mather Street
Wilton, Connecticut 06897

December 2017

Prepared By:



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**Stormwater Pollution Prevention Plan
Town of Wilton Transfer Station
128 Mather Road - Wilton, Connecticut**

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1.0 INTRODUCTION

This Stormwater Pollution Prevention Plan (SWPPP) was prepared on behalf of the Town of Wilton by Cardinal Engineering Associates, Incorporated (Cardinal) for the Town's Transfer Station located at 128 Mather Street in Wilton, Connecticut. Information contained in this SWPPP has been obtained from site inspections, facility records, state records, and interviews with Town personnel and employees working at the site.

This plan has been prepared in accordance with the requirements of the General Permit for the Discharge of Stormwater Associated with Industrial Activity (General Permit) effective October 1, 2016, and conforms to the requirements outlined in the Connecticut Department of Energy and Environmental Protection's (CTDEEP's) Guidance Document for Preparing a Stormwater Pollution Prevention Plan. In addition, this plan supersedes any previously existing SWPP Plans (if any) prepared for the Town of Wilton Transfer Station. The intent of this plan is to prevent the pollution of surface waters from stormwater that is generated by site operations occurring at the 128 Mather Street property. A copy of this plan shall be maintained at the site and an electronic copy of the plan shall also be placed on the Town's website.

2.0 SITE DESCRIPTION & CONTACT INFORMATION

2.1 Facility Description

The Town of Wilton Transfer Station property is situated on the east side of Mather Street and comprises 73.34 acres. The property is situated in a largely rural, residential area with undeveloped wooded parcels as neighboring parcels. The Wilton Transfer Station is located at 128 Mather Street in Wilton, Connecticut. It is open to residents Monday through Friday from 8:00 AM to 4:00 PM and on Saturday from 9:00 AM to 12:00 PM except for Town recognized holidays. The Town Department of Public Works is responsible for the operations and maintains a list of certified operators. It is staffed with a certified Solid Waste Operator, a full-time assistant, and a full-time roll-off driver. It operates under the State of Connecticut, Department of Energy and Environmental Protection General Permit #1610958-MTSGP.

The Transfer Station property contains three (3) onsite buildings that include the following:

1. Administration / Scale House: The Administration / Scale House building is a wood framed structure that houses administrative functions only. The building, which was recently constructed, covers approximately 450± square feet and is heated with electricity. There is also a small attic space used for mechanical equipment and storage. There are no floor drains and any discharge from within the building goes to an on-site underground septic system with leaching field.
2. Garage/Equipment Storage Building: The Garage is a 1,200± square foot metal building that is used to store miscellaneous equipment including the site backhoe. The garage is heated electrically, has no floor drains and has no water or sewers.
3. Compactor Control Building: A small (60± square foot) portable steel building located adjacent to the household waste compactor contains the controls for the compactor. This structure has no discharge to the site.

The site also contains multiple covered and uncovered “roll-off” containers used in the day-to-day operations of the transfer station. In addition, there is a covered trailer for electronics recycling, two portable structures housing equipment for the cell tower, and an empty (and deactivated) above

ground diesel (Convault) tank temporarily stored at the Transfer Station. The site was once the location of Wilton's Landfill (approximately 6 acres – 8%) which has been closed and is presently being monitored and with reporting to CTDEEP.

The Transfer Station accepts the following items free of charge:

- Automotive Batteries
- Clothing and Shoes
- Commingled Containers (Cardboard, Metal, Glass, Plastics 1-7)
- Fluorescent Lamps (No Ballasts)
- Paper products including Books and Catalogs
- Scrap Metal
- TV's, Computers, Laptops, Monitors and Printers

The following items are accepted for a fee:

- Appliances with Freon
- Non-Covered Electronic Devices (CED's)
- Tires
- Household Waste
- Bulky Waste / Construction Debris

Approximately 3% of the site is paved with asphalt. A drainage system with catch basins and pipe collects and conveys surface drainage from the paved area to a drainage swale that extends along the access drive. This swale then discharges into a more natural channel that meanders northwest through the woods, where it terminates at a flat forested area located 120-feet ± north of the access drive. The topography of the parcel slopes generally downwards from the northeast to the southwest towards Mather Street. Residential properties downgradient of the facility do not receive any surface runoff from the site.

The primary industrial activity at the Transfer Station property is classified under the Primary Standard Industrial Classification (SIC) Code of 4953 – Refuse Systems. The site is used for collection and transferring of household and other waste products for disposal off-site by authorized transporters and is therefore required to implement a SWPPP and register for a General Permit for the Discharge of Stormwater Associated with Industrial Activity.

2.2 General Location Map

Figure 1 in Appendix A depicts the general location of the Town of Wilton's Transfer Station at 128 Mather Street. The facility is located on the east side of Mather Street approximately 3,000-feet north of the intersection with Honey Hill Road and approximately 2,750-feet south of Old Mill Road. The total acreage of the property is approximately 74.33 acres of which the Transfer Station occupies approximately 4 percent.

2.3 Environmental Setting

The CTDEEP's November 2015 Water Quality Classification Map (Appendix A) indicates that the Town of Wilton Transfer Station is situated in a GA groundwater classified area. The GA groundwater classification indicates that the groundwater may be suitable for private and public drinking water supplies without the need for treatment. This map also indicates that the site is not within an Aquifer Protection Area or within an area of contribution to a public water supply well. The nearest surface water body, the Norwalk River, is located approximately 1,500-feet to the west. The Norwalk River is classified as a Class "B" surface water body, which indicates that it may be used for Class B designated uses such as habitat for fish and aquatic life and wildlife; recreation; navigation; and industrial and agricultural water supply.

The Transfer Station site is situated within the Norwalk River watershed (7300-00) which is a part of the Western Coastal Area Watershed (Appendix A). The CTDEEP's Impaired Waters Monitoring Requirements Table (Effective October 1, 2011) (Appendix A) indicates that this water body or drainage basin is impaired. In addition, the Transfer Station property is not situated within a coastal boundary or coastal area. A review of the current Federal Emergency Management Agency (FEMA) flood maps indicated that the site is not situated within the 100-year floodplain (Appendix A).

The CTDEEP's June 2017 Natural Diversity Data Base Areas map for the Town of Wilton indicates that there are no state-listed special concern, threatened, and/or endangered species on or adjacent to the site.

According to the Town of Wilton's property records, the Transfer Station property does not have any conservation or preservation restrictions, and it is not situated within any federally recognized Indian lands.

2.4 **Pollution Prevention Team**

This SWPPP was developed on behalf of the Town of Wilton by Cardinal Engineering Associates, Inc. (Cardinal). Cardinal and/or the Town of Wilton is also responsible for making any necessary revisions to the SWPPP, based upon any changes to existing site conditions or activities that may occur in the future. The proper implementation of this plan is ultimately the responsibility of the Town of Wilton employees designated as the “Pollution Prevention Team” members. The Pollution Prevention Team listed below is responsible for implementing this SWPPP and ensuring that all Town of Wilton employees working at the Transfer Station property are familiar with the protocols outlined in the SWPPP. In addition, the team members must be familiar with the Town’s Emergency Response Plan (ERP) – Appendix A, including the regulatory spill reporting requirements, spill cleanup procedures and spill prevention measures. The Pollution Prevention Team is also responsible for relaying any critical information to Cardinal regarding changing conditions or other activities that would warrant any revisions to either the SWPPP or ERP.

This SWPPP was prepared by:

Consultant: Cardinal Engineering Associates, Inc.
Contact: Gary J. Giroux, P.E.
Telephone (office): (203) 238-1969
Email: gary@cardinal-engineering.com

The following Town of Wilton personnel are designated as the Transfer Station’s **Pollution Prevention Team** members:

Town of Wilton

Leader: Michael S. Ahern, P.E. Title: Interim Manager, Public Works
Telephone (office): (203) 503-0152
Telephone (mobile): (203) 216-8385
Email: mike.ahern@wiltonct.org

Responsibilities: Coordinate and implement all facets of the SWPP plan, including: ensuring that all inspections are conducted; employees are trained and familiar with the plan contents; training and inspection records are kept up to date; making the plan and general permit available to other team members; correct any plan or facility deficiencies that may become evident in the future; and notify Cardinal of any changes that would warrant updates to the plan.

Member: Jennifer Fascitelli Title: DPW Administrator, Manager/Program Coordinator
Telephone (office): (203) 503-0152
Telephone (mobile): (203) 321-3987
Email: jennifer.fascitelli@wiltonct.org

Responsibilities: Ensure that all Town of Wilton employees on duty are familiar with this plan, as well as the ERP; be a responsible person in charge to make sure all spills are cleaned up promptly and reported.

Member: Nicholas Dipisa Title: Transfer Station Operator
Telephone (office): (203) 503-0152
Telephone (mobile): (203) 313-4018
Email: Nicholas.dipisa@wiltonct.org

Responsibilities: Ensure that all Town of Wilton employees on duty are familiar with this plan, as well as the ERP; be a responsible person in charge to make sure all spills are cleaned up promptly and reported.

3.0 POTENTIAL POLLUTANT SOURCES

3.1 Site Map

On October 13, 2017, Cardinal personnel toured the Transfer Station- property in order to document current site conditions. The Town of Wilton provided Cardinal an existing site plan from 1999 (Figure 2) showing property boundaries, onsite structures and pertinent site features. Figure 3 is an aerial photo of the entire Transfer Station property with site drainage. Figure 4 is a 2016 aerial photo of the facility showing the various locations of active areas of the Transfer Station property. All figures are found in Appendix A.

Drainage from the site is collected by an enclosed drainage system consisting of catch basins and pipes. The catch basins collect stormwater runoff from the paved portions of the site and minimal adjacent areas – see Figures 3 and 4. Discharge from this system is into an open drainage swale that parallels the site access drive and flows west / northwest. This swale forms a more natural channel that meanders through the woods, where it discharges at a flat, forested area located approximately 120-feet north of the first turn of the access drive. Excess runoff not infiltrated or retained in the forested area eventually drains to the Norwalk River.

3.2 Inventory of Exposed Materials & Summary of Potential Pollutant Sources

Materials that are stored and/or handled at the site that have the potential to be exposed to stormwater are listed in the following section of the report. This list includes the type of material stored, the method and storage location, the associated pollutants, and the control measures utilized to minimize exposure of the material to stormwater. This table should be updated if additional materials are stored at the site in order to keep the plan current. If new materials are added or altered, then the Town must make a determination if the materials will adversely impact the quality of stormwater runoff at the site. In addition, the Town must also implement any necessary storage controls prior to bringing the new materials to the site.

The following subsections describe each potential pollutant source area on the Town of Wilton Transfer Station property.

See Figure 4 for the various locations of active areas of the Transfer Station property. Quantity stored is what the site is permitted to store under its general permit. Actual amounts are generally less.

Used Automobile Batteries

Purpose / Description/Size/UST/AST:

Location: **See Figure 4**

Exposed in Last 3 Years: **No**

Likelihood of Contact with Stormwater:

Individual batteries on a pallet

Quantity Stored: **< 10**

Past Significant Leaks: **No**

Moderate

Freon Removal

Purpose / Description/Size/UST/AST:

Location: **See Figure 4**

Exposed in Last 3 Years: **Yes**

Likelihood of Contact with Stormwater:

Refrig. Devices containing Freon

Quantity Stored: **< 30 lbs.**

Past Significant Leaks: **No**

Low

Used Vehicle/Equipment Batteries

Purpose / Description/Size/UST/AST:

Location: **See Figure 4**

Exposed in Last 3 Years: **No**

Likelihood of Contact with Stormwater:

Vehicle/Equipment Batteries

Quantity Stored: **< 10**

Past Significant Leaks: **No**

Low

Used Tires

Purpose / Description/Size/UST/AST:

Location: **See Figure 4**

Exposed in Last 3 Years: **Yes**

Likelihood of Contact with Stormwater:

Car/Truck Tires

Quantity Stored: **< 30 cu.yd.**

Past Significant Leaks: **No**

Low

Clothing& Shoes

Purpose / Description/Size/UST/AST:

Location: **See Figure 4**

Exposed in Last 3 Years: **No**

Likelihood of Contact with Stormwater:

Recyclable Clothing & Shoes

Quantity Stored: **< 10 cu.yd.**

Past Significant Leaks: **No**

Low

Demolition and Non-Processable

Purpose / Description/Size/UST/AST:

Location: **See Figure 4**

Exposed in Last 3 Years: **Yes**

Likelihood of Contact with Stormwater:

Bulky Waste / Construction Debris

Quantity Stored: **< 80 cu.yd.**

Past Significant Leaks: **No**

Moderate

Electronics and Lamps

Purpose / Description/Size/UST/AST:

Location: **See Figure 4**

Exposed in Last 3 Years: **No**

Likelihood of Contact with Stormwater:

Electronics Drop-Off from Residents

Quantity Stored: **< 40 cu.yd.**

Past Significant Leaks: **No**

Low

Metal Scrap

Purpose / Description/Size/UST/AST:

Location: **See Figure 4**Exposed in Last 3 Years: **Yes**

Likelihood of Contact with Stormwater:

Containers for Scrap Metal Drop-OffQuantity Stored: **< 60 cu.yd.**Past Significant Leaks: **No****Moderate****Newspaper, Cardboard, Plastic, Tin & Glass**

Purpose / Description/Size/UST/AST:

Location: **See Figure 4**Exposed in Last 3 Years: **Yes**

Likelihood of Contact with Stormwater:

Drop-off for Single Stream RecyclingQuantity Stored: **< 80 cu.yd.**Past Significant Leaks: **No****Low to Moderate****3.3 Spills & Leaks**

There have been no spills or leaks of 5-gallons or greater of petroleum products and/or toxic or hazardous substances at the facility in the last three years. Any spills or leaks of 5- gallons or greater that occur on the site will be recorded using the form provided in Appendix B of this plan.

There was one incident involving actions required by CTDEEP in 2016, which involved spillage associated with an on-site waste oil tank used by residents. Public Works staff estimated spillage to be less than 5-gallons. This issue was closed out by removing the residential waste oil tank and restoring the surrounding area. Corrective actions were documented in a February 26, 2016 submittal and compliance statement to CTDEEP Bureau of Materials Management and Compliance Assurance. This waste oil collection program was discontinued at that time.

3.4 Presence of Non-Stormwater Discharges

On October 13, 2017, the Transfer Station was visually inspected by Cardinal personnel to determine if any non-stormwater discharges were occurring at the site. The site inspection included observations of the storm drain system, review of available facility mapping, and discussion with Town of Wilton Public Works officials. By definition allowable non- stormwater discharges include the following:

- landscape irrigation or lawn watering
- uncontaminated groundwater discharges such as pumped groundwater, foundation drains, water from crawl space pumps and footing drains
- discharges of uncontaminated air conditioner or refrigeration condensate

- water sprayed for dust control or at a truck load wet-down station
- naturally occurring discharges such as rising groundwater, uncontaminated groundwater infiltration, springs, and flows from riparian habitats and wetlands.

The site is located on the old landfill. The cells have been closed per an approved closure plan. The groundwater is impaired and both the groundwater and surface water are being monitored and the sample results being sent to the Connecticut Department of Environmental Protection twice annually.

3.5 Impaired Waters

The Norwalk River is the surface water body that would receive potential stormwater discharge runoff from the Transfer Station site. The Norwalk River is classified as a Class” B” surface water body and the CTDEEP’s Impaired Waters Monitoring Requirements Table and indicates that this is an “impaired waterbody”. Based upon activities conducted at the Transfer Station site, it is not expected that stormwater would be exposed to mercury. Stormwater monitoring for nitrogen in the form of nitrate and total Kjeldahl nitrogen shall be conducted in accordance with the requirements of the General Permit.

4.0 STORMWATER CONTROL MEASURES

4.1 Good Housekeeping

Utilizing good housekeeping practices at the Transfer Station site will reduce/eliminate any potential adverse impacts to stormwater. The following good housekeeping practices shall be continued/implemented at the Transfer Station property:

- Spills are immediately cleaned up with an absorbent.
- Spigots or funnels are used to minimize drips or leaks when transferring fluids.
- Dirty rags are stored in a covered container.
- No drums (empty or full, open or closed) are to be stored outdoors without a covered storage area.
- Hydraulic equipment is kept in good repair and drips are cleaned up promptly.
- Liquid and dry material storage is confined to a specific indoor area with proper containment and separation of potentially volatile materials.
- Areas around dumpsters are inspected and loose materials cleaned up.
- Catch basins will be inspected and cleaned.
- Asphalt and concrete surfaces will be inspected and swept if necessary (The Town sweeper will be requested to sweep affected areas).
- Asphalt and concrete surfaces will be inspected for cracks and potholes and patched.
- Retaining walls will be inspected and patch or re-aligned.
- Dumpster/Container covers will be maintained and kept in place unless loading is occurring.
- Empty demolition scrap metal and non-processible dumpster/container storage units.
- Outdoor vehicle and equipment washing is not permitted.
- All Town vehicles and equipment shall be maintained in good working order.
- All hydraulic equipment shall be maintained in good working order, and any drips shall be cleaned up promptly.
- Drip pans shall be utilized when changing fluids on Town vehicles and equipment.
- Containers containing flammable liquids shall be stored inside flammable storage

cabinets to the extent possible.

- Containers containing gasoline, diesel, oil, or other flammable liquids shall be inspected regularly to ensure that are sound and not leaking.
- The onsite parking and storage areas shall be kept clean and orderly at all times - Any leaks shall be terminated and cleaned up.
- All spills occurring onsite shall be promptly reported to member of the Pollution Prevention Team and shall be terminated and cleaned up immediately.
- Any spill control equipment and materials utilized to clean up a release shall be replaced and restocked immediately.
- The onsite catch basins and swales will be regularly inspected, properly maintained, and cleaned as needed to maintain proper sediment removal from stormwater.
- Keep dust collection areas clean, sweep the site regularly, and clean up all trash.

4.2 Vehicle & Equipment Washing

No vehicle or equipment washing is conducted.

4.3 Floor Drains

As stated in the previous subsection, the Garage has no floor drains.

4.4 Roof Areas

No roof areas were identified that would be subject to drippings, dust or particulates from exhausts or vents, or other sources of pollution. The only types of vents present on the building's roofs consist of airflow vents and vents associated with the heating systems.

4.5 Minimize Exposure

Section 3.3 of this plan discusses the potential stormwater pollution impacts at the Transfer Station property. The Town of Wilton is implementing best management practices to minimize and eliminate opportunities for stormwater impacts. These practices are also discussed in Section 3.3 of this plan. In addition, the Town shall be implementing additional measures in the future that will help minimize and eliminate stormwater impacts. An estimated schedule of completion for

these activities is included in Appendix C of this plan. The following actions shall be implemented by the Town for the Transfer Station to minimize and eliminate stormwater impacts:

- Repair all catch basins to make sure stormwater properly flows into each basin.
- Sweep active areas of the site every three months or as needed.

4.6 Sediment & Erosion Control

Sediment and erosion controls at the Transfer Station site shall conform to the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as well as the 2004 Connecticut Stormwater Quality Manual. The control of sediment transport by stormwater runoff is imperative in reducing/eliminating contamination of water bodies by stormwater.

Approximately 3% of the site is paved with asphalt. In some areas, there are no curbs along the pavement edges to allow for sheet flow runoff onto the unpaved areas. The edges of the unpaved areas are covered by stable vegetation and are relatively flat, and are therefore not subject to significant erosion. If sediment buildup or erosion is noted during the inspections, then additional control measures such as silt fences, hay bales, or other structural controls shall be implemented.

The onsite catch basins have sediment sumps that are cleaned out, at a minimum, on an annual basis. The catch basins are routinely inspected to determine if more frequent sediment removal is warranted.

4.7 Management of Runoff

Stormwater runoff at the Transfer Station is managed as described in Section 3.1 of this report. The majority of site drainage is directed to drainage system that discharges to a vegetated swale that meanders northwest through the woods, where it discharges at a flat area located approximately 120-feet north of the first turn of the access drive. Excess runoff not infiltrated or retained in the forested area would eventually drain west to the Norwalk River.

All areas are routinely inspected to ensure that sedimentation buildup is not occurring. Additional stormwater management measures shall be evaluated and implemented if warranted by inspections

and stormwater quality testing.

4.8 Preventative Maintenance

Preventive measures through maintenance and inspections are a critical component in stormwater quality management. Section 5.0 of this plan describes the minimum inspection frequencies that must be conducted at the Transfer Station. Areas to be inspected and maintained include the following:

- catch basins
- stormwater outfalls, drainage swales, and wetland areas
- vehicle and equipment storage areas
- Active paved areas where containers/dumpsters are stored
- roof gutters and discharges

Any sediment buildups shall be removed as needed, and any noted spills shall be immediately cleaned up.

4.9 Spill Prevention & Response Procedures

The Town of Wilton has a written Emergency Response Plan (ERP) (dated November 1, 2017) to address policies and measures to mitigate impacts of a release at the Transfer Station. A copy of the ERP is maintained at the Transfer Station Scale House and all Town of Wilton employees working at the Transfer Station property shall be familiar with the requirements discussed in the ERP.

4.10 Employee Training

The Town of Wilton shall implement a stormwater management-training program for all Town employees, including the Pollution Prevention Team members listed in Section 2.3, working at the Transfer Station. The training will address the contents of this SWPPP, including good housekeeping measures and best management practices utilized to reduce and eliminate stormwater impacts, spill response procedures (per the Town's ERP), material management practices, preventative maintenance routines, and roles of the Pollution Prevention Team members.

Employees will be encouraged to participate and provide input as to ways to mitigate stormwater impacts at the site.

All new hires will be trained within 90 days of employment and at least once per year thereafter. Training shall be conducted or supervised by a member of the Pollution Prevention Team, or other qualified person. Employee training records shall be documented and maintained on the form enclosed in Appendix D of this plan.

Members of the Pollution Prevention Team shall meet at least once per year to discuss the contents and effectiveness of the SWPPP and the employee-training program in order to address any deficiencies that may need to be resolved.

4.11 Non-Stormwater Discharges

The Town of Wilton shall implement an inspection schedule to ensure that new non-stormwater discharges do not occur at the site in the future. The inspection shall be conducted on a quarterly basis and shall consist of visually inspecting the site during dry weather to observe if any non-stormwater discharges are occurring, especially in the swales, and wetland areas. The inspection of catch basin structures shall also be conducted during dry weather to ensure that the structures are sound and free of defects.

4.12 Discharges to Impaired Waters

The Town of Wilton Transfer Station property does not discharge stormwater to an impaired water body.

4.13 Sites Discharging to Municipal Separate Storm Sewer Systems

The Town of Wilton Transfer Station property does not discharge to a Municipal Separate Storm Sewer System (MS4). Therefore, there are no additional MS4 requirements.

5.0 INSPECTIONS

The General Permit requires that two types of inspections be conducted on the Town of Wilton Transfer Station: Semi-Annual Inspections and monthly Routine Inspections. The purpose of the inspections is to ensure that management practices and control measures documented in Section 4.0 of this plan are being implemented correctly and effectively. In addition, the inspections will aid in determining if changes to stormwater management are needed.

5.1 Semi-Annual Inspections

The Wilton Transfer Station property shall be inspected by at least one member of the Pollution Prevention Team identified in Section 2.3 of this SWPPP on a semi-annual basis. This comprehensive site inspection shall be conducted during the months of April and October during a rain event, if possible. The inspector(s) shall review the following documents prior to starting the semi-annual inspection:

- the current SWPPP and site plan(s)
- all routine inspection reports for the year
- all visual monitoring reports for the year
- all analytical stormwater monitoring for the year
- any other available documentation such as maintenance records, spill reports for the year

A Semi-Annual Inspection Form that details the items to be covered during the inspection is included in Appendix E of this plan. The form will assist the inspector in completing the semi-annual inspections, and it must be signed by the Wilton Director of Public Works to ensure that any recommended actions by the inspector are acknowledged and pursued. The completed Semi-Annual Inspection Forms must be kept on record at the Transfer Station property for a minimum of five (5) years.

5.2 Routine Inspections

At a minimum, routine inspections of the Transfer Station must be completed on a monthly basis.

If possible, the monthly inspections shall be made during a rainfall/precipitation event. A Routine Inspection Form that details the items to be covered during the inspection is included in Appendix E of this plan. The form will assist the inspector in completing the routine monthly inspections, and the completed forms must be kept on file with a copy of the SWPPP.

6.0 SCHEDULES & PROCEDURES FOR MONITORING

The General Permit requires both visual and analytical testing of the stormwater discharge-sampling site designated at the Transfer Station during a “measurable storm event”, which is a precipitation event that produces actual discharge from the site via the outfalls. Typically, stormwater grab samples shall be collected during the first thirty (30) minutes of the outfall discharge. If it is not possible to collect the samples within the first thirty minutes of discharge, the sample must be collected as soon as possible after, and documentation of why it was not possible to take the samples within the first thirty minutes must be made and kept with this plan. At least seventy-two (72) hours must have elapsed since the previous measurable storm event in order to collect appropriate stormwater samples.

The location of the sample location is depicted in Figure 3 – Site Plan, which is included in Appendix A of this plan. The sample location is the drainage system outlet at the point of discharge into the drainage swale.

If the Town of Wilton is unable to collect the appropriate stormwater samples, the Town must properly document the inability. In the case of the inability to collect the semi-annual samples, the Stormwater Monitoring Report (SMR) shall be submitted with the notation of “no discharge” and an explanation of the limitations restricting the sample collection. Acceptable reasons for not collecting a sample include the absence of a 72-hour period of dry weather, the absence of a rain event that produces a stormwater discharge, the absence of a discharge from a specific monitoring point, or safety considerations preventing access to a stormwater discharge location. The timing of a rain event is not an acceptable reason for failure to collect a sample, unless it precludes the analysis of a parameter within the acceptable laboratory holding time (i.e. the laboratory is closed for a holiday).

The following subsections describe the schedules and procedures for completing the required quarterly and semi-annual monitoring

6.1 Visual Monitoring - Quarterly

The General Permit requires that once per quarter, a visual assessment of the proposed stormwater

outfall location is conducted by a member of the Pollution Prevention Team during a rainfall event. Quarters begin on January 1, April 1, July 1, and October 1. The visual monitoring will be conducted by collecting a stormwater sample from the referenced sampling location in a clean, clear glass or plastic container. The stormwater sample shall be visually inspected for the following items:

- color
- odor
- clarity
- floating solids
- settled solids
- suspended solids
- foam
- oil sheen
- other obvious indicators of pollution

Appendix F contains the Visual Monitoring Form that will assist the Pollution Prevention Team Member responsible for completing the quarterly visual monitoring. The completed Visual Monitoring Forms shall be kept on file at the Transfer Station Scale House along with this plan. The forms do not require submission to the DEEP, unless specifically requested.

6.2 General Monitoring Requirements – Semi-Annual

The General Permit requires that stormwater samples be collected from the designated sampling location on a semi-annual for the periods between October 1 to March 31, and April 1 to September 30 of each year. This semi-annual monitoring can be conducted concurrently with the quarterly Visual Monitoring samples. For the semi-annual sampling, the Town of Wilton (or its Consultant) shall contract with a State-certified laboratory to conduct the required stormwater monitoring analyses for the duration of the General Permit. Prior to the collection of the stormwater samples, the Town of Wilton shall determine if Pollution Prevention Team Members or contracted laboratory personnel shall collect the appropriate stormwater samples. Arrangements with the laboratory shall be made prior to a storm event to provide the appropriate sampling containers,

labels, coolers, and chains of custody for proper stormwater collection. In addition, courier service or sample drop-off/pick-ups should be scheduled with the contracted laboratory in order to maintain the proper sampling holding times.

6.3 Standard Monitoring Parameters – Semi-Annual

A General Monitoring Form is enclosed in Appendix F of this plan, which includes the field observations that must be recorded for each semi-annual stormwater monitoring event. For the first two years of the implementation of this plan, the stormwater samples shall be analyzed for the following parameters:

- Chemical Oxygen Demand (COD)
- Total Oil & Grease (O & G)
- pH*
- Total Suspended Solids (TSS)
- Total Phosphorus
- Total Kjeldahl Nitrogen (TKN)
- Nitrate as Nitrogen
- Total Copper
- Total Lead
- Total Zinc
- Aquatic Toxicity (*daphnia pulex*) – 1 sample per calendar year

* In addition, one rainfall sample from each storm event shall also be collected and analyzed for pH. Instead of laboratory analysis, the rainfall pH can be measured in the field utilized a calibrated pH meter or test strips, and a clean, unpreserved sample container.

The laboratory results and completed General Monitoring Form from the semi-annual stormwater sampling event will be submitted along with the required Stormwater Monitoring Report (SMR) to the DEEP. Failure to conduct the appropriate monitoring and submit the SMR within 90 days of sample collection would be considered a violation of the General Permit that is subject to enforcement, including penalty.

6.4 Standard Monitoring Benchmarks

The following are the benchmark concentrations for the standard stormwater monitoring parameters:

| <u>Parameter</u> | <u>Benchmark Concentration</u> |
|---------------------------------|--------------------------------|
| • Chemical Oxygen Demand (COD) | 75 mg/L |
| • Total Oil & Grease (O & G) | 5.0 mg/L |
| • pH | 5-9 |
| • Total Suspended Solids (TSS) | 90 mg/L |
| • Total Phosphorus | 0.4 mg/L |
| • Total Kjeldahl Nitrogen (TKN) | 2.3 mg/L |
| • Nitrate as Nitrogen | 1.1 mg/L |
| • Total Copper | 0.059 mg/L |
| • Total Lead | 0.076 mg/L |
| • Total Zinc | 0.16 mg/L |
| • Aquatic Toxicity | No Benchmark |

The benchmark concentrations are utilized in order to determine if modifications to the Transfer Station stormwater management control measures require modification. If the average of the first four sampling event results exceeds a benchmark concentration, then the Town must evaluate its stormwater control measures. In addition, if after the first sampling event, if one or more sample results make an exceedance of a benchmark concentration mathematically certain, then the Town must evaluate its stormwater control measures. These evaluations must be conducted within 120 days of the benchmark concentration exceedance(s) and must include corrective actions and updates to this plan. If benchmark concentration averages are not exceeded, then the Town may discontinue monitoring for that parameter for the duration of the permit.

6.5 Additional Monitoring of Discharges to Impaired Waters

The Town of Wilton Transfer Station does not discharge stormwater to an impaired water body.

6.6 Sector Specific Effluent Limitations

The Town of Wilton Transfer Station does not belong to a Sector that requires any numeric effluent limitations mandated by the EPA.

6.7 Record-Keeping of Implemented Activities

This plan requires that several types of forms, inspection reports, and monitoring records be kept and maintained with a copy of the plan. These additional documents may be required for review by DEEP inspection personnel and include the following:

- Permit records, including a copy of the general permit registration form, a copy of the general permit, and any correspondence from the DEEP.
- Spill records
- Employee training records
- Maintenance records
- Inspection records including routine facility inspections, quarterly reports, and comprehensive semi-annual site inspection reports
- Monitoring records including data collection forms, laboratory results, and SMRs.
- Corrective action records including any corrective actions and follow-up activities conducted to demonstrate compliance with the permit.

7.0 CERTIFICATIONS

7.1 Non-Stormwater Discharge Certification

"I certify that in my professional judgment, the stormwater discharge from the site consists only of stormwater, or of stormwater combined with wastewater authorized by an effective permit issued under Section 22a-430 or Section 22a-430b of the Connecticut General Statutes, including the provisions of this general permit, or of stormwater combined with any of the following discharges provided they do not contribute to a violation of water quality standards:

- Landscape irrigation or lawn watering;
- Uncontaminated groundwater discharges such as pumped groundwater, foundation drains, water from crawl space pumps and footing drains;
- Discharges of uncontaminated air conditioner or refrigeration controls;
- Water sprayed for dust control or at a truck load wet-down station;
- Naturally occurring discharges such as rising groundwater, uncontaminated groundwater infiltration (as defined at 40CFR 35.2005(2)), springs, and flows from riparian habitats and wetlands.

This certification is based on testing and/or evaluation of the stormwater discharge from the site. I further certify that all potential sources of non-stormwater at the site, a description of the results of any test and/or evaluation for the presence of non-stormwater discharges, the evaluation criteria or testing method used, the date of any testing and/or evaluation, and the on-site drainage points that were observed during the test have been described in detail in the Stormwater Pollution Prevention Plan prepared for the site. I further certify that no interior building floor drains exist unless such floor drain connection has been approved and permitted by the commissioner or otherwise authorized by a local authority for discharge as domestic sewage to sanitary sewer. I am aware that there may be significant penalties for false statements in this certification, including the possibility of fine and imprisonment for knowingly making false statements."

| | | |
|----------------|---|--------------|
| Signature |  | Date |
| Gary J. Giroux | | 12/7/17 |
| Name (Printed) | | Sr. Engineer |
| | | Title |

7.2 Professional Engineer Certification

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with Section 22a-6 of the Connecticut General Statutes, pursuant to Section 52a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute.

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

I also certify under penalty of the law that I have read and understand all conditions of the General Permit for the Discharge of Stormwater Associated with Industrial Activity effective October 1, 2011, that all conditions for eligibility for authorization under the General Permit are met, all terms and conditions of the General Permit are being met for all discharges which have been initiated and are the subject of this registration, and that a system is in place to ensure that all terms and conditions of this General Permit will continue to be met for all discharges authorized by this General Permit at the site. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly making false statements."

Signature

Date

12/7/17



Gary J. Giroux

Name (Printed)

Sr. Engineer

Title

7.3 Facility Certification

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with Section 22a-6 of the General Statutes, pursuant to Section 53a-l 57b of the General Statutes, and in accordance with any other applicable statute."



Signature



Date

Michael Ahern

Name (Printed)

Interim Manager of Public Works

Title

APPENDIX A

Miscellaneous Items

Figure 1 – General Location Plan

Figure 2 – Site Plan

Figure 3 – Aerial Map

Figure 4 – Detail Plan

Water Quality Classification Map

Watershed Basin Identification Map

Impaired Waters Monitoring Table (partial)

FEMA

Natural Diversity Database

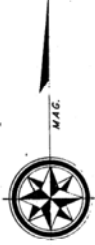
Emergency Response Plan

FIGURE 1



FIGURE 2

N



APPROX.



Note:

1. According to Section 8-3.(i) of the Connecticut General Statutes, all work in connection with this Site Development Plan shall be completed within five years after the approval of the plan. Said five-year period shall expire on October 28, 2004.
2. For conditions of approval for Special Permit, see Resolution #1099-23P.

Site Plan of Wilton Transfer Station

Prepared by
Wilton Dept. of Public Works

Scale: 1" = 100'

Date: April 7, 1994

Rev.: Sept. 23, 1999

REV. 1/4/2000 - P&Z RESOLUTIONS

1 inch = 100 feet
0 50 100 200 Feet

Wilton Transfer Station

FIGURE 3



2016 Aerial Photography
2013 Topo & GIS Dataset
Parcel Lines Approximate
(NAD 83, NAD 83)

1 inch = 100 feet
0 50 100 200 Feet

Wilton Transfer Station

Figure 4



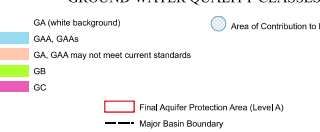
WATER QUALITY CLASSIFICATIONS
WILTON, CT

SURFACE WATER QUALITY CLASSES



NOTE:
Surface Water Classifications beginning with S refer to Coastal and Marine Surface Water.
B* is a subset of Class B where no direct wastewater discharges are allowed other than those consistent with Class SA, A, and SA surface waters.

GROUND WATER QUALITY CLASSES



EXPLANATION

WATER QUALITY CLASSIFICATIONS (WQC) MAPS are one of the elements of the Water Quality Standards (WQS) for the State of Connecticut. The WQS are a part of Connecticut's clean water program and are essential for protecting and improving water quality. The WQS follow the principles of Connecticut's Clean Water Act which is in Chapter 440C of the Connecticut General Statutes. The WQS provide policy guidance in many areas, for example decisions on acceptable discharges to water resources, siting of landfills, remediation or prioritization of municipal sewerage system projects. The first two elements of the WQS are the Standards, which set an overall policy for management of water quality, and the Criteria, which are descriptive and numerical standards that describe the allowable parameters and goals for various water quality classifications. A discussion of these two elements is found in the Water Quality Standards document available on the CT DEEP website. The third element is the Classifications and the Water Quality Standards document which shows the Classification assigned to each surface and groundwater resource throughout the State. The WQS are adopted using a public participation process. The WQS are adopted through hearings from the Standards and Criteria hearings. Revisions and adoption of the WQC data occurs in accordance with the public participation procedures contained in Section 22a-29 of the Connecticut General Statutes. Ground WQC is subject to Connecticut regulation and changes must be reviewed and adopted. All changes to the Surface WQC require an adoption process which is subject to federal review and approval in addition to CT regulation. The adoption dates for the WQC by major drainage basin are: Housatonic River, Hudson River and Southeast Coastal Basins - March 1999; Connecticut River and South Central Coastal Basins - February 1993; Thames River, Pawcatuck River and Southeast Coastal Basins - December 1986. Surface Water Classifications do not change after the adoption date until the next major revision. Ground Water Classifications may change after the adoption date under specific circumstances. The map may have more than one WQC adoption date because a town may be in more than one major drainage basin.

SURFACE WATERS in Connecticut are divided into freshwater classified as AA, A, B or B* and saline waters classified as SA or SB. Class AA designated uses are existing or proposed drinking water supplies, habitat for fish and other aquatic life and wildlife, recreation and water supply for industry and agriculture. Class A designated uses are habitat for fish and other aquatic life and wildlife, potential drinking water supplies, recreation, navigation and water supply for industry and agriculture. Class B designated uses are habitat for marine fish, other aquatic life and wildlife, shellfish harvesting for direct human consumption, recreation, industrial water supply, and navigation. Class B* designated uses are habitat for fish and other aquatic life and wildlife, recreation, navigation, and industrial and agricultural water supply. Class B*, applicable to "Confined" lakes, is a subset of Class B and is identical in all ways to the designated uses, criteria and standards for Class B waters except for the restriction on direct discharges. Class SB designated uses are habitat for marine fish and aquatic life and wildlife, commercial shellfish harvesting, recreation, industrial water supply, and navigation.

DATA SOURCES

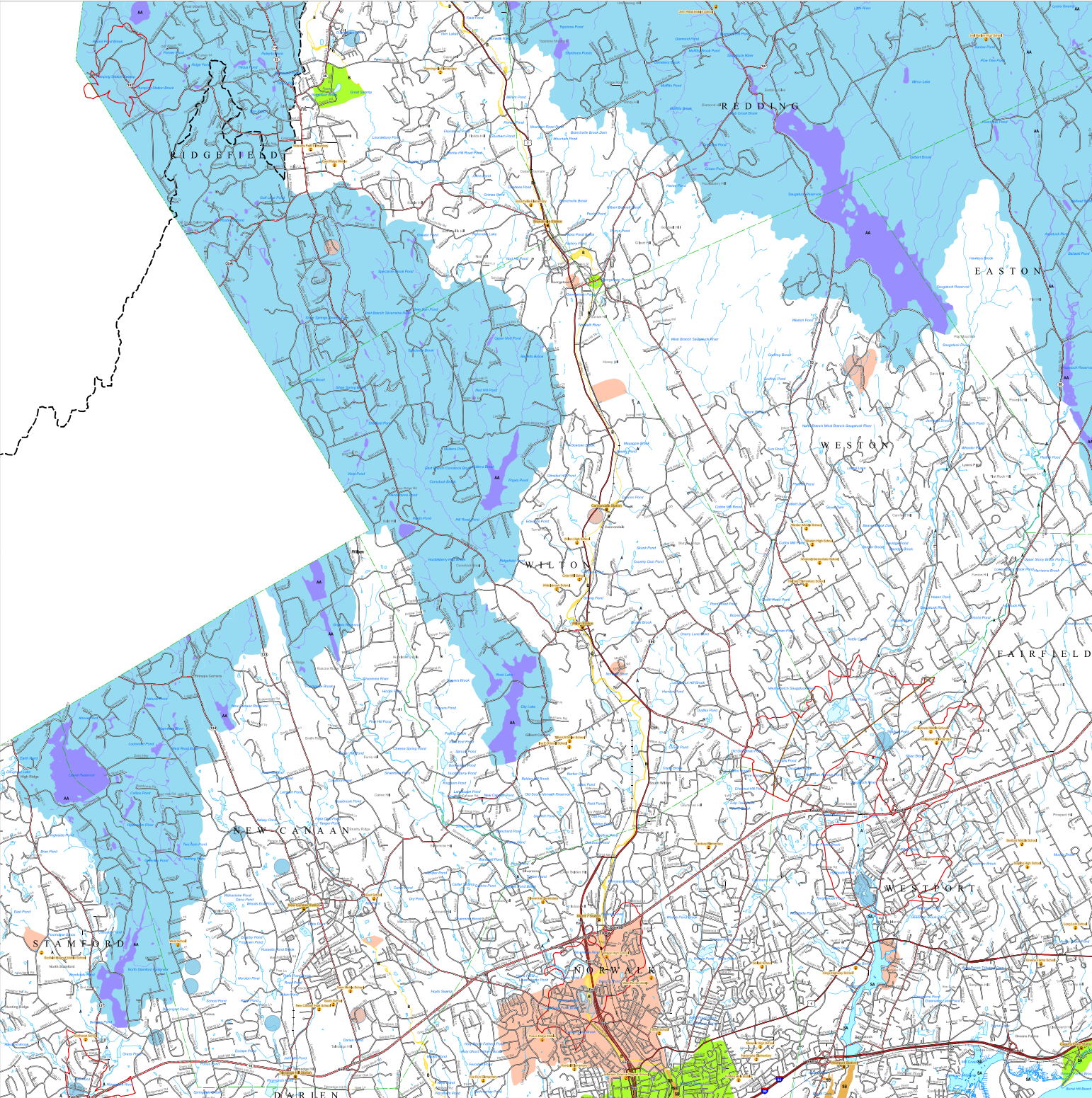
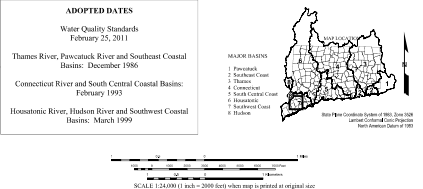
WATER QUALITY CLASSIFICATIONS DATA - Water quality classifications shown on this map are based on information from the following digital spatial datasets that are typically shown together - Ground Water Quality Classification Poly, Surface Water Quality Classification Line, and Surface Water Quality Classification Poly. The map legend shows reflects the content of these data sources. These WQC data were initially compiled on 1:24,000 scale 7.5 minute USGS topographic quadrangle maps and later digitized at 1:24,000 scale. For example, the Surface Water Quality Classification Line and Surface Water Quality Classification Poly digital data assigns surface water quality classifications to water bodies such as rivers, streams, reservoirs, lakes, ponds and even small 1:24,000 scale hydrography data available from CT DEEP. The hydrography may not include the waterbodies in Connecticut. The Ground Water Quality Classification Poly data assigns ground water quality classifications at 1:24,000 scale, to the remaining land areas in Connecticut.

AQUIFER PROTECTION AREA DATA - Aquifer Protection Areas shown on this map are from the Aquifer Protection Area digital dataset which contains polygon data intended to be used at 1:24,000 scale. The dataset contains regulated areas classified as Level A, Aquifer Protection Area (I) and Level B, Aquifer Protection Area (II). The Level B areas are not shown on the WQC maps. The data was collected from 1991 to the present and is actively updated as Final area mapping replaces earlier Preliminary areas. The Aquifer Protection Areas are delineated by

the individual water companies owning the well fields and submitted to the CT DEEP for approval. Preliminary mapping provides a general estimate of the area contributing ground water to the well field. Final mapping is based on extensive, site-specific, detailed modeling of the ground water flow system. CT DEEP may adjust Final area boundaries to be consistent with 1:24,000 scale topography and land use map data where appropriate during the approval process.

MAJOR DRAINAGE BASIN DATA - Major drainage basins shown on this map are from Major Basin Line data developed by CT DEEP and intended to be used at 1:24,000 scale. BASE MAP DATA - Based on data originally from 1:24,000 scale USGS 7.5 minute topographic quadrangle maps published between 1960 and 1992. It includes political boundaries, railroad, street, hydrography, geographic names and geographic places. Streets and street names are from 1:62,500 scale topographic data. Base map information is neither current nor complete.

RELATIONSHIP INFORMATION - This data is intended to be printed at its original dimensions in order to maintain the 1:24,000 scale (1 inch = 2000 feet). WATER QUALITY STANDARDS (WQS) - The CT DEEP website for a summary and the full text of the "Water Quality Standards" and for other information on water quality. AQUIFER PROTECTION AREAS - Go to the CT DEEP website for more information.



WILTON

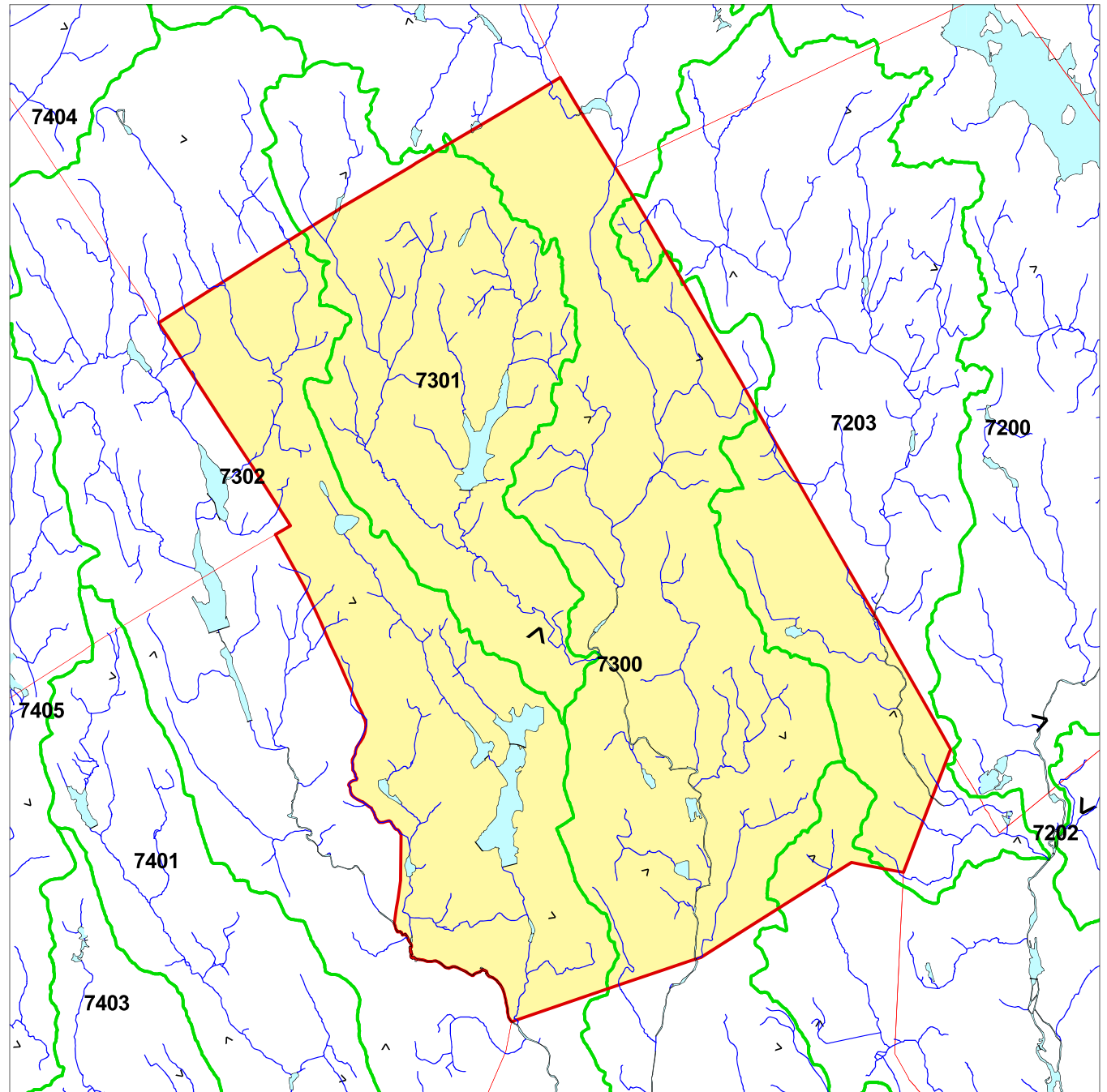
CONNECTICUT SUBREGIONAL BASINS AND SURFACE WATER FLOW DIRECTIONS

Explanation

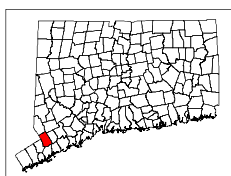
- Town Boundary
- Subregional Watershed Boundary
- 4201** Subrg. Basin ID# - as designated by CTDEP
- Watercourse Open Water
- < Basin Outlet
- < Surface Water Flow Direction

The table provides statistics for each subregional basin. Shown are the areas of the basin within the town, the percentage for that area, and the percent of the town covered by each basin.

| Sbas_nc | AcresInTw | Percofb | Percoftwn |
|---------|-----------|---------|-----------|
| 7200 | 318.81 | 1.0 | 1.8 |
| 7203 | 1777.93 | 23.3 | 10.2 |
| 7300 | 6609.70 | 31.7 | 37.8 |
| 7301 | 4046.03 | 86.1 | 23.1 |
| 7302 | 4738.78 | 32.9 | 27.1 |



Town Area: 17491 Acres



Digital layers provided by the CTDEP.
Map composed by the NEMO project.
For educational purposes only.

1 0 1 Miles

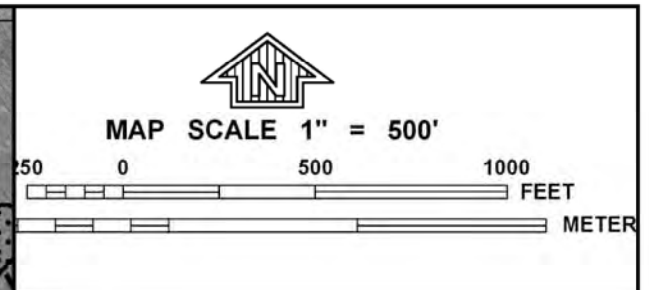
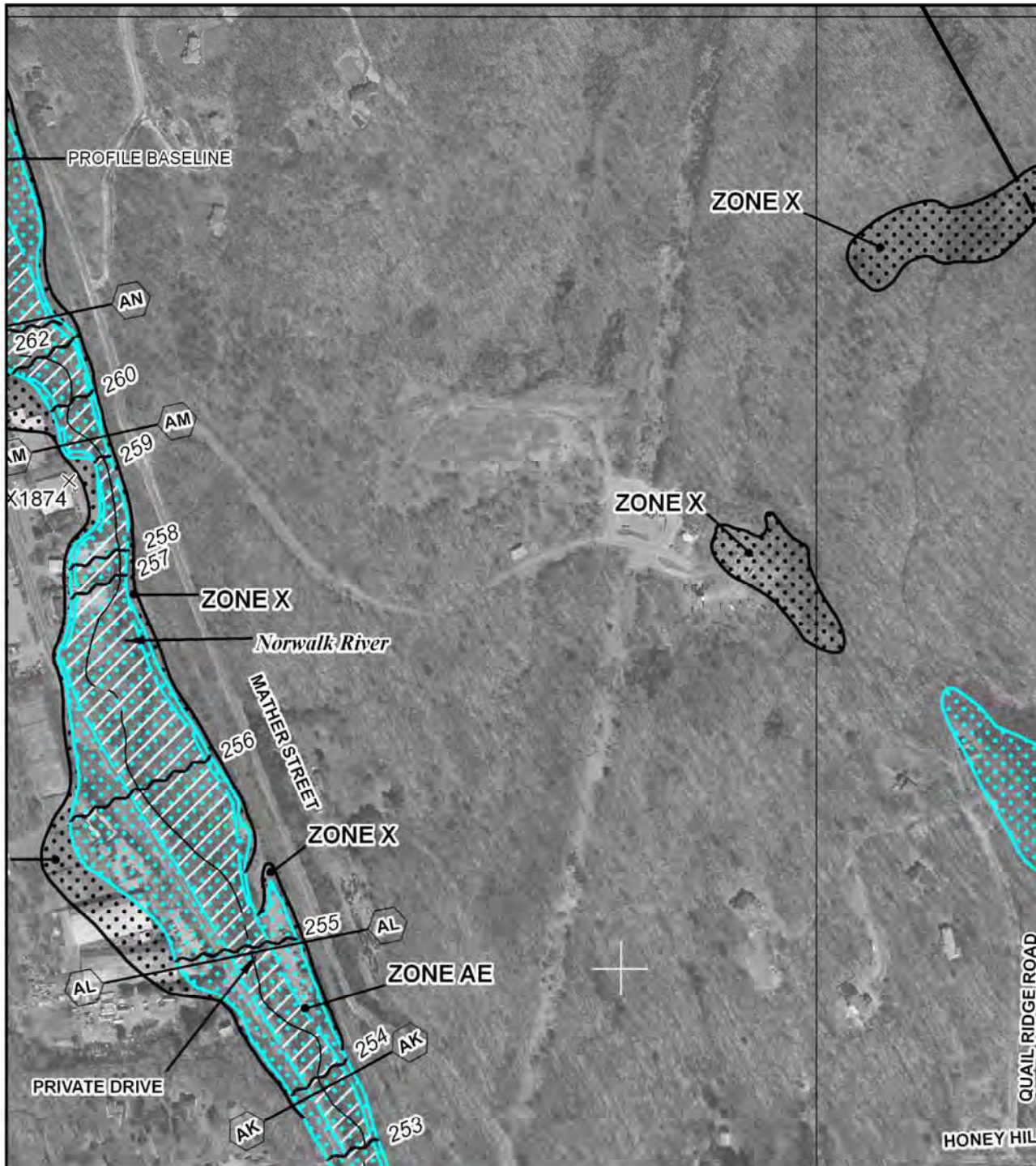
The University of Connecticut, CES: November 02, 1999

Impaired Waters Monitoring Table
General Permit for the Discharge of Stormwater Associated With Industrial Activity, Effective October 1, 2011

| Waterbody ID or 305B ID | Waterbody Name | Impaired Designated Use | Pollutant | Approved TMDL? | Impaired Waters Monitoring | Frequency |
|----------------------------|--|---|-------------------------------|-------------------|-------------------------------|---|
| CT7105-00_05 | Pequonnock River | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7105-01_01 | West Branch Pequonnock River | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7106-00_01 | Rooster River-01 | Recreation | Escherichia coli | Yes | Escherichia coli | Annually unless notified by CTDEEP |
| CT7107-00_01 | Cricker Brook (Fairfield)-01 | Recreation | Escherichia coli | No | Escherichia coli | annually unless notified by CTDEEP |
| CT7108-00_02a | Mill River (Fairfield / Easton)-02a | Recreation | Escherichia coli | Yes | Escherichia coli | Annually unless notified by CTDEEP |
| CT7108-00_02b | Mill River (Fairfield / Easton)-02b | Recreation | Escherichia coli | Yes | Escherichia coli | Annually unless notified by CTDEEP |
| CT7108-05_02 | Unnamed tributary, Easton Reservoir (Snow Farm)-02 | Habitat for Fish, Other Aquatic Life and Wildlife | Cause Unknown | No | None | n/a |
| CT7109-00_01 | Sasco Brook-01 | Habitat for Fish, Other Aquatic Life and Wildlife | Cause Unknown | No | None | n/a |
| CT7109-00_01 | Sasco Brook-01 | Recreation | Escherichia coli | Yes | Escherichia coli | Annually unless notified by CTDEEP |
| CT7109-00_02 | Sasco Brook-02 | Recreation | Escherichia coli | Yes | Escherichia coli | Annually unless notified by CTDEEP |
| CT7109-00-trib_01 | Unnamed tributary, Sasco Brook (Westport)-01 | Recreation | Escherichia coli | No | Escherichia coli | annually unless notified by CTDEEP |
| CT7109-00-trib_01 | Sasco Brook / Great Brook | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7109-02_01 | Sasco Brook / Unnamed Tributary | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7109-06_01 | Sasco Brook / Great Brook | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7109-06_02 | Sasco Brook / Great Brook | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7200-20-trib_02 | Unnamed tributary Hawleys Brook-02 | Habitat for Fish, Other Aquatic Life and Wildlife | Other flow regime alterations | No | None | n/a |
| CT7200-22_01 | Saugatuck River / Beaver Brook | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7200-24_01 | Saugatuck River / Kettle Creek | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7200-26_01 | Saugatuck River / Poplar Plain Brook | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7201-00_01 | Little River (Redding)-01 | Recreation | Escherichia coli | No | Escherichia coli | annually unless notified by CTDEEP |
| CT7203-04_01 | West Branch Saugatuck River / Cobbs Mill Brook | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7300-00_01 | Norwalk River-01 | Habitat for Fish, Other Aquatic Life and Wildlife | Cause Unknown | No | None | n/a |
| CT7300-00_01 | Norwalk River-01 | Habitat for Fish, Other Aquatic Life and Wildlife | Sedimentation/ Siltation | No | Total Suspended Solids | monitor for this parameter as already specified in the General Permit unless notified by CTDEEP |
| CT7300-00_01 | Norwalk River-01 | Recreation | Escherichia coli | Yes | Escherichia coli | Annually unless notified by CTDEEP |

Impaired Waters Monitoring Table
General Permit for the Discharge of Stormwater Associated With Industrial Activity, Effective October 1, 2011

| Waterbody ID or 305B ID | Waterbody Name | Impaired Designated Use | Pollutant | Approved TMDL? | Impaired Waters Monitoring | Frequency |
|----------------------------|---|---|------------------|-------------------|-------------------------------|------------------------------------|
| CT7300-00_02 | Norwalk River-02 | Recreation | Escherichia coli | Yes | Escherichia coli | Annually unless notified by CTDEEP |
| CT7300-00_03a | Norwalk River-03a | Recreation | Escherichia coli | Yes | Escherichia coli | Annually unless notified by CTDEEP |
| CT7300-00_03b | Norwalk River-03b | Recreation | Escherichia coli | Yes | Escherichia coli | Annually unless notified by CTDEEP |
| CT7300-00_04 | Norwalk River-04 | Recreation | Escherichia coli | Yes | Escherichia coli | Annually unless notified by CTDEEP |
| CT7300-00_05 | Norwalk River-05 | Recreation | Escherichia coli | Yes | Escherichia coli | Annually unless notified by CTDEEP |
| CT7300-02_01 | Ridgefield Brook-01 | Recreation | Escherichia coli | Yes | Escherichia coli | Annually unless notified by CTDEEP |
| CT7300-02_02 | Ridgefield Brook-02 | Habitat for Fish, Other Aquatic Life and Wildlife | Cause Unknown | No | None | n/a |
| CT7300-02_02 | Ridgefield Brook-02 | Recreation | Escherichia coli | Yes | Escherichia coli | Annually unless notified by CTDEEP |
| CT7301-00_01 | Comstock Brook (Wilton)-01 | Recreation | Escherichia coli | No | Escherichia coli | annually unless notified by CTDEEP |
| CT7302-00_01 | Silvermine River-01 | Recreation | Escherichia coli | Yes | Escherichia coli | Annually unless notified by CTDEEP |
| CT7302-00_02 | Silvermine River | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7302-13_trib_01 | Unnamed tributary Belden Hill Brook-01 | Habitat for Fish, Other Aquatic Life and Wildlife | Chlorine | Yes | Chlorine | annually unless notified by CTDEEP |
| CT7401-00_01 | Fivemile River | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7401-00_02 | Fivemile River | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7401-00_02 | Fivemile River (New Canaan)-02 | Habitat for Fish, Other Aquatic Life and Wildlife | Cause Unknown | No | None | n/a |
| CT7401-00_03 | Fivemile River | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7401-00_03 | Fivemile River (New Canaan)-03 | Habitat for Fish, Other Aquatic Life and Wildlife | Cause Unknown | No | None | n/a |
| CT7401-02_01 | Fivemile River / Unnamed Tributary | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7401-05_01 | Fivemile River / Holy Ghost Father's Brook | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7401-06_01 | Fivemile River / Keelers Brook | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7401-07_01 | Fivemile River / Unnamed Tributary to Keelers Brook | Recreation | Escherichia coli | Yes | Escherichia coli | annually unless notified by CTDEEP |
| CT7403-00_01 | Noroton River-01 | Habitat for Fish, Other Aquatic Life and Wildlife | Cause Unknown | No | None | n/a |
| CT7403-00_02 | Noroton River-02 | Habitat for Fish, Other Aquatic Life and Wildlife | Cause Unknown | No | None | n/a |
| CT7405-00_01 | Rippowam River-01 | Habitat for Fish, Other Aquatic Life and Wildlife | Cause Unknown | No | None | n/a |



NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0381F

FIRM

FLOOD INSURANCE RATE MAP

FAIRFIELD COUNTY,
CONNECTICUT
(ALL JURISDICTIONS)

PANEL 381 OF 626

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

| COMMUNITY | NUMBER | PANEL | SUFFIX |
|-----------------|--------|-------|--------|
| WESTON, TOWN OF | 090018 | 0381 | F |
| WILTON, TOWN OF | 090020 | 0381 | F |

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
09001C0381F

EFFECTIVE DATE
JUNE 18, 2010


Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Natural Diversity Data Base Areas

WILTON, CT

June 2017

 State and Federal Listed Species
& Significant Natural Communities

 Town Boundary

NOTE: This map shows general locations of State and Federal Listed Species and Significant Natural Communities. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDB) from a number of data sources. Exact locations of species have been buffered to produce the general locations. Exact locations of species and communities occur somewhere in the shaded areas, not necessarily in the center. A new mapping format is being employed that more accurately models important riparian and aquatic areas and eliminates the need for the upstream/downstream searches required in previous versions.

This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas. If the project is within a shaded area there may be a potential conflict with a listed species. For more information, complete a Request for Natural Diversity Data Base State Listed Species Review form (DEP-APP-007), and submit it to the NDDB along with the required maps and information. More detailed instructions are provided with the request form on our website.

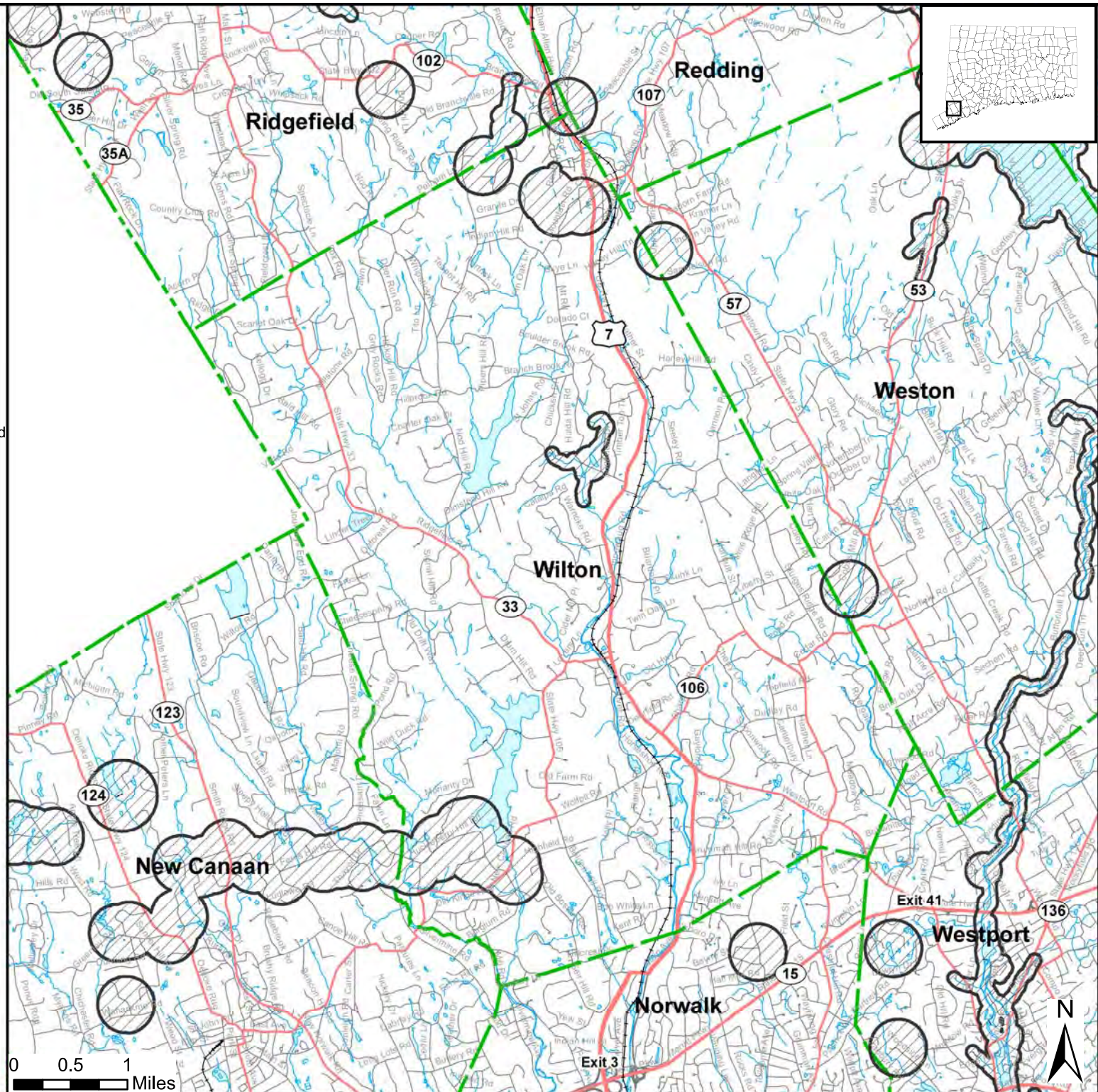
www.ct.gov/deep/nddbrequest

Use the CTECO Interactive Map Viewers at www.cteco.uconn.edu to more precisely search for and locate a site and to view aerial imagery with NDDB Areas.

QUESTIONS: Department of Energy and Environmental Protection (DEEP)
79 Elm St., Hartford CT 06106
Phone (860) 424-3011



Connecticut Department of
Energy & Environmental Protection
Bureau of Natural Resources
Wildlife Division



1 inch = 60 feet
0 30 60 120 Feet

Wilton Transfer Station Emergency Response Plan

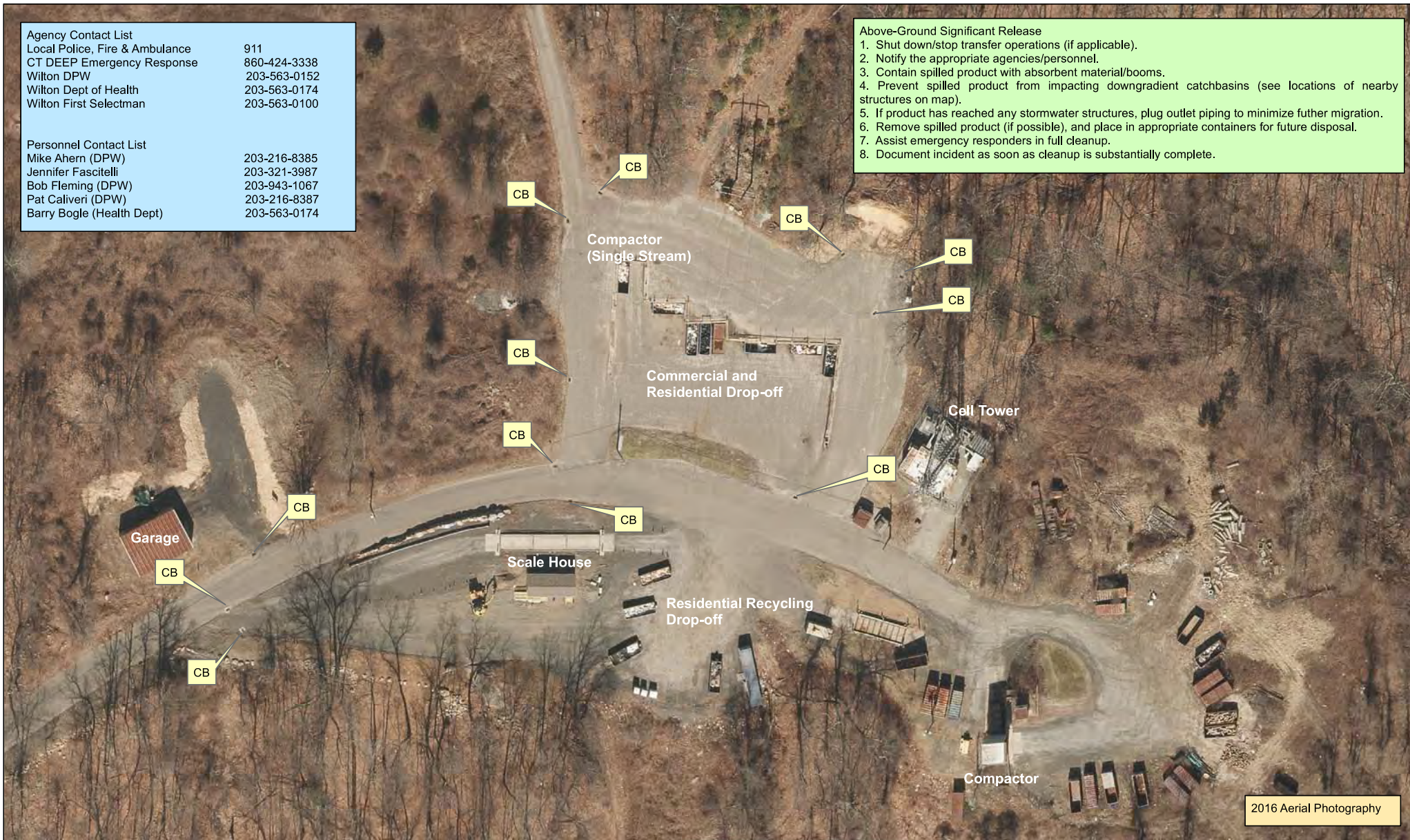


Agency Contact List
Local Police, Fire & Ambulance 911
CT DEEP Emergency Response 860-424-3338
Wilton DPW 203-563-0152
Wilton Dept of Health 203-563-0174
Wilton First Selectman 203-563-0100

Personnel Contact List
Mike Ahern (DPW) 203-216-8385
Jennifer Fascitelli 203-321-3987
Bob Fleming (DPW) 203-943-1067
Pat Caliveri (DPW) 203-216-8387
Barry Bogle (Health Dept) 203-563-0174

Above-Ground Significant Release

1. Shut down/stop transfer operations (if applicable).
2. Notify the appropriate agencies/personnel.
3. Contain spilled product with absorbent material/booms.
4. Prevent spilled product from impacting downgradient catchbasins (see locations of nearby structures on map).
5. If product has reached any stormwater structures, plug outlet piping to minimize further migration.
6. Remove spilled product (if possible), and place in appropriate containers for future disposal.
7. Assist emergency responders in full cleanup.
8. Document incident as soon as cleanup is substantially complete.



2016 Aerial Photography

APPENDIX B

Record of Spills & Leaks

Spills & Leaks

List in the following table any spills and leaks of 5-gallons or more of petroleum products, or toxic or hazardous substances. Use the back side or an additional sheet if more room is needed.

[illegible]

Spills & Leaks

List in the following table any spills and leaks of 5-gallons or more of petroleum products, or toxic or hazardous substances. Use the back side or an additional sheet if more room is needed.

[illegible]

APPENDIX C

Implementation Plan Schedule

Appendix C - Implementation Plan Schedule

Town of Wilton Transfer Station
128 Mather Street
Wilton, Connecticut

| <u>Activity</u> | <u>Estimated Date of Completion</u> | <u>Actual Date of completion</u> |
|---|-------------------------------------|----------------------------------|
| a. Repair all catch basins to make sure stormwater properly flows into each basin | November 2018 | |
| b. Sweep Active Areas every three (3) months or as needed | November 2018 | |

APPENDIX D

Employee Training Records

**Stormwater Pollution Prevention Plan
Town of Wilton Transfer Station
128 Mather Street
Wilton, Connecticut**

Topics: _____

[illegible]

**Stormwater Pollution Prevention Plan
Town of Wilton Transfer Station
128 Mather Street
Wilton, Connecticut**

Topics: _____

[illegible]

Record of Annual Employee Training Form

**Stormwater Pollution Prevention Plan
Town of Wilton Transfer Station
128 Mather Street
Wilton, Connecticut**

I have attended the annual employee training session and have read and understand the Transfer Station Stormwater Pollution Prevention Plan

Topics: _____

Briefing Date: _____ Instructor(s): _____

Employees in Attendance (please print):

[illegible]

Record of Annual Employee Training Form

**Stormwater Pollution Prevention Plan
Town of Wilton Transfer Station
128 Mather Street
Wilton, Connecticut**

I have attended the annual employee training session and have read and understand the Transfer Station Stormwater Pollution Prevention Plan

Topics: _____

Briefing Date: _____ Instructor(s): _____

Employees in Attendance (please print):

[illegible]

Record of Annual Employee Training Form

**Stormwater Pollution Prevention Plan
Town of Wilton Transfer Station
128 Mather Street
Wilton, Connecticut**

I have attended the annual employee training session and have read and understand the Transfer Station Stormwater Pollution Prevention Plan

Topics: _____

Briefing Date: _____ Instructor(s): _____

Employees in Attendance (please print):

[illegible]

APPENDIX E

Site Inspection Forms

Routine Inspection Form - Monthly

**Town of Wilton – Transfer Station
128 Mather Street
Wilton, Connecticut**

This form must be filled out completely by a Pollution Prevention Team Member. The form must be signed by the inspector and must be kept with the SWPPP copy at the Transfer Station.

The inspection should be done during a rainfall event if possible to properly document conditions at the site.

| Area | YES | NO | Comments |
|--|-----|----|----------|
| <u>Equipment Garage</u> | | | |
| Evidence of spills or leaks inside building | | | |
| Evidence of spills or leaks outside building | | | |
| | | | |
| | | | |
| | | | |
| <u>Catch Basins</u> | | | |
| Functioning Properly | | | |
| Sediment buildup observed | | | |
| Filled with trash or other debris | | | |
| <u>Recycling and Solid Waste Storage Areas</u> | | | |
| Evidence of spills or leaks | | | |
| <u>Stromwater Outfalls</u> | | | |
| Evidence of spills or leaks | | | |
| Clear of debris and sediment buildup | | | |
| | | | |

Name of Inspector: _____

Title: _____

Inspector Signature: _____

Date: _____

Weather: _____

Semi-Annual Inspection Form

Town of Wilton – Transfer Station

**128 Mather Street
Wilton, Connecticut**

This form must be filled out completely by a Pollution Prevention Team Member. The form must be signed by the inspector and the Director of Public Works, and must be kept with the SWPPP copy at the Transfer Station Scale House.

The inspection should be done during a rainfall event to properly document conditions at the site. The inspector should have the current SWPPP, as well as the site plan (Figure 2 in the SWPPP). Prior to starting the inspection, the inspector should review the year's previous inspection reports, visual monitoring reports, analytical stormwater monitoring, maintenance records, and spill reports. Note any and all issues that may cause pollution.

Name of Inspector: _____

Title: _____

Date: _____

Weather: _____

Inspection Areas: **Transfer Station :**

| | | |
|--------------|--|----------|
| (Circle One) | Evidence of spills or leaks inside building: | Yes / No |
| | Interior spill kits need replenishing: | Yes / No |
| | Any new storage areas inside or outside of building: | Yes / No |
| | Evidence of spills or leaks outside building: | Yes / No |

If answered Yes to any item above, please explain below. If additional space is needed, please use the back of this sheet:

Observations/Comments: _____

Actions Taken/Recommended: _____

Catch Basins:

| | | |
|--------------|--|----------|
| (Circle One) | Catch basins in need of repairs: | Yes / No |
| | Area need sweeping: | Yes / No |
| | Sediment needs to be removed from sumps: | Yes / No |
| | Debris or litter needs to be removed: | Yes / No |

If answered Yes to any item above, please explain below. If additional space is needed, please use the back of this sheet:

Observations/Comments: _____

Actions Taken/Recommended: _____

Stormwater Outfalls

(Circle One)

Evidence of spills or leaks: Yes / No

Any new discharges observed: Yes / No

Any sheen or foaming observed: Yes / No

Sediment buildup observed in swale: Yes / No

Trash or litter observed in swale: Yes / No

Evidence of soil erosion: Yes / No

Observations/Comments: _____

Actions Taken/Recommended: _____

Based upon the results of this inspection the SWPPP needs revision(s): Yes / No

If yes, please contact Pollution Prevention Team Leader immediately at (203) 503-0152.

The undersigned acknowledge reviewing the contents of this form in regards to the comprehensive inspection that was conducted at the Public Works property. Any problems that were noted must be addressed immediately in order to prevent stormwater pollution.

Inspector Signature: _____

Date: _____

Public Works Director Signature: _____

Date: _____

APPENDIX F

Site Monitoring Forms

**Town of Wilton – Transfer Station
128 Mather Street – Wilton, Connecticut**

Visual Monitoring Form - Quarterly Collection

| | |
|--|---------------|
| Sample Location | Sample Site 1 |
| Date/Time Sample Collected: | |
| Snow or Ice Melt in Sample (yes/no) | |
| Sample Name: | |

| | | |
|------------------|-----------------|---------------------------------|
| Color: | Odor: | Clarity: |
| Floating Solids? | Settled Solids? | Suspended Solids? |
| Foam? | Oil Sheen? | Other indications of Pollution? |

Notes:

**Town of Wilton – Transfer Station
128 Mather Street – Wilton, Connecticut**

General Monitoring Form

| | |
|--------------------------------------|---------------|
| Sample Location: | Sample Site 1 |
| Date/Time Sample Collected: | |
| Snow or Ice Melt in Sample: (yes/no) | |
| Sampler Name: | |

| | |
|------------------------------------|--|
| Date of Previous Storm Event: | |
| Rainfall pH (if measured in field) | |
| Laboratory Name: | |

Notes:
