

**MS4 General Permit  
Town of Fairfield - 2022 Annual Report  
Existing MS4 Permittee  
Permit Number GSM 000012  
[January 1, 2023 – December 31, 2023]**

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This report documents the Town of Fairfield's efforts to comply with the conditions of the MS4 General Permit to the maximum extent practicable (MEP) from January 1, 2020 to December 31, 2020.

## Part I: Summary of Minimum Control Measure Activities

### 1. Public Education and Outreach (Section 6 (a)(1) / page 19)

#### 1.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
1-1 Implement public education and outreach	In progress	Giving out SW Brochures in Engineering Office and Library. Stormwater regs and messages on Eng. Website.	No. of Brochures	W. Hurley	Ongoing beg Jul 1, 2018	Distributed 250 brochures and 250 flyers. Item completed for year and continuing.	Still have brochures left. Distributed 30 brochures this year at public mtg. 2018-19 BSA distributed 300 flyers about contaminated runoff.
1-2 Address education/ outreach for pollutants of concern*	In progress	Hazardous Waste Collection Days	1-2 per year	SW&R	Ongoing beg Jul 1, 2018	Completed-Annual Events, continuing.	Fairfield and New Haven Locations.
1-3 Additional BMPs, see sec. 1.3 for list	In Progress	Additional Public Educational and Outreach opportunities	No. of events 1 (covid)	Conservation, JM, WH, LP	Ongoing beg July 1, 2018	Completed and on-going. Distributed brochures at neighborhood mtgs.	Brochures, talks, workshops, materials, postings, discussions.
1-4 Education at the counter program	In Progress	Provide consultants, builders, contractors, public information on SWQ and new MS4 regs.	No. of permits issued 300	W. Hurley	Ongoing beg Jul 1, 2018	Extra BMP measure	Brochures, charts, permits, workshops, materials, postings, discussions.

### 1.2 Describe any Public Education and Outreach activities planned for the next year, if applicable.

Engineering will continue to update website and Office Bulletin Board with new detention, and BMP requirements and various information on stormwater pollutants, raingardens and groundwater recharging/stormwater infiltration. (using 25 yr storm). Also working with Fairfield Bike and Ped Committee to promote recently BOS endorsed "Complete Streets" policy to the public and Town officials. Proposing Rooster River Clean up with friends of Rooster River in June 2021- B'port and Fairfield.

### 1.3 Details of activities implemented to educate the community on stormwater

Program Element/Activity	Audience (and number of people reached)	Topic(s) covered	Pollutant of Concern addressed (if applicable)	Responsible dept. or partner org.
<i>Classroom/youth group education</i>	Students, parents, teachers (approx. 100) 3 events	Impact of impervious cover, stormwater infiltration	Bacteria, nitrogen and misc. pollutants.	W Hurley, J Marsilio, Conservation, BOE, BSA, GSA Fairfield Prep- Environmental Science Class talk/workshop/BOS mtg. Sept 2018. Also Girl Scout in Gov't Day, April 2018, 2019. Covid 2020
<i>Brochures distributed at Engineering desk</i>	Developers, home owners (approx. 300)	Impact of impervious cover, Septic systems & Fertilizer use	Bacteria, Ecoli, metals, household pollutants.	Engineering Distributing.
<i>Mill River Watershed Study</i>	300-1000 people higher number if Mill River Watershed group gets involved.	Stormwater Management and improve shellfishing	Bacteria, Ecoli,	Conservation Dept. hired Consultant to concentrate on Mill River Watershed per 319 EPA watershed management grant. Data summary published and discussed at Feb 2020 Conservation meeting.
<i>Hazardous Waste Day</i>	500 people	Household waste	Bacteria, Ecoli, metals, household pollutants	SW & R Director
<i>Earth Day Environmental Fair</i>	1000 people	Stormwater, Pollution, Solar Energy	Bacteria, Ecoli, metals, household pollutants	SW & R Director Earth Day Festival April 2018 at FTC. No event in 2020 due to covid.
<i>Pet Waste Management</i>	1000 people	Pet waste collection	Nitrogen, animal waste	Conservation-open space
<i>Neighborhood meetings</i>	150 people	FLOODING with WQ	Various-Riverine buffers	JM, Milone & MacBroom,, W Hurley – Rooster River, Bennett/Bond, Lynnbrook and Little Brook Neighborhoods
<i>Presentation hosted by Sasco Brook Pollution Abatement Committee</i>	Est 20	Microbial source tracking	Fecal coliform, ecoli	Conservation. Sasco Brook off TMDL list.

## 2. Public Involvement/Participation (Section 6(a)(2) / page 21)

### 2.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Location Posted	Date completed or projected completion date	Additional details
2-1 Comply with public notice requirements for the Stormwater Management Plan	In Progress	Stormwater management Plan posted on Town/DPW Website	Update annually or sooner meet DEEP requirement.	W. Hurley	Fairfieldct.org	4/3/2017 completed and ongoing.	SWMP and yearly report Posting on Website Feb, 2020. Continuous posting, Last Update Feb 16, 2021.
2-2 Comply with public notice requirements for Annual Reports	Done	Annual Report Posting on Website.	Submitted to DEEP-meet DEEP req.	W. Hurley	Fairfieldct.org	Posted on website, Feb 15, 2018, last updates March 1, 2019, April 12, 2019, Website Feb 2022	Posted on website, Feb 15, 2018, last updates March 1, 2019, April 12, 2019, Website Feb 2022
2-3 Beach and Riverfront clean ups	In Progress	Beach and River clean ups performed.	2 Completed (annually)	Conservation	Fairfieldct.org	July 1, 2017 and on going	Sept., Oct and November 2018 riverine, beach cleanups from storms per DPW, Conservation..
2-4 Create Volunteer Watershed Organizations	Pending public involvement	Maintain watershed groups, create new ones if possible.	Maintain or create 1 group	Conservation W Hurley	Fairfieldct.org	July 1, 2017 and on going	Sasco Brook and Mill River watershed steering committees meet quarterly with Conservation.
2-5 Storm Drain Stenciling, Medallions, or Decals	Pending Public Involvement	Boy Scouts, Volunteer Groups	Number of basins "marked" 100/yr	J Clancy, George K W. Hurley T. Bishop	Fairfieldct.org	July 1, 2017 and on going	BSA (40 scouts) installed 200 storm drain markers, April 1-2, 2017. Engineering installed 10 in 2019..
2-6 Establish in house stormwater committee	Pending Public Involvement	In process of identifying committee members- 3 public members min.	Provide roundtable discussions to coordinate SWMP implementation across Depts.	Eng/TPZ/Conservation	N/A	Spring-Fall 2018	Roundtable/Committee will represent town departments & commissions with stake in stormwater mgmt.

## 2.2 Describe any Public Involvement/Participation activities planned for the next year, if applicable.

Hold semi annual or sooner, stormwater committee roundtable meetings to review SMP implementation progress. Next set for March 2, 2021.  
 Earth Day Clean up for Penfield/Jennings Beach, Mill River, Ash Creek. Will seek help from Scouts again?  
 There will be follow up meetings with neighborhoods , mostly regarding flooding but will also mention water quality issues and SWMP/yearly Report. Town hired Consult to design detention areas for Rooster River Watershed held public info meeting Fall 2021.

## 2.3 Public Involvement/Participation reporting metrics

Metrics	Implemented	Date	Posted
Availability of the Stormwater Management Plan announced to public	YES	2019, 2/14/20, 2/16/21, 2/10/22	DPW website, Engineering Office
Availability of Annual Report announced to public	YES	2019, 2/14/20, 2/13/21, 2/10/22	Town website, Engineering Office

## 3. Illicit Discharge Detection and Elimination (Section 6(a)(3) and Appendix B / page 22)

### 3.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Date completed or projected completion date	Additional details
3-1 Develop written IDDE program	In progress	Town is in process of completing written IDDE program based on portions of the CT IDDE program template	Develop written plan of IDDE program	Engineering/DPW/Health	Developing program. Will forward to Town officials Spring 2022.. Anticipate ordinance/document after budget season- say Summer 2022	Some text is being revised from template. New set of Town officials: FS, BOS, DPW Director

3-2 Develop list and maps of all MS4 stormwater outfalls in priority areas	Complete	Outfalls mapped several years ago. Rare updates are needed.	Complete map and list.	Engineering W Hurley, J Harris	Completed 2016.	GIS storm system map. Hard copy in engineering Office. May consider entire Town priority area since 70-80% is anyway.
3-3 Implement citizen reporting program	On going	Runoff, turbidity and spill complaints	Continue Q alert system	W. Hurley, JM, Conservation, Health Dept., First Selectmans' office	Completed 7/1/2017 and on going	Complaints are logged into system, closed out when completed. Record is saved.
3-4 Establish legal authority to prohibit illicit discharges	Partially complete	Health Dept, Engineering, Conservation and Zoning	Complete task	Health, Fire Dept, Engineering, TPZ Conservation	Town using existing regulations. Goal of creating one source for IDDE.	Town using existing regulations. Goal of creating one source for IDDE.
3-5 Develop record keeping system for IDDE tracking	Currently using Q alert system	Also using Inspectors for outfalls, Fire and health Dept logs. Harbor Watch performing WQ monitoring in Mill River watershed.	Keeping records of results of inspections/complaints. Harbor watch monitoring results for Mill River in Appendix.	W Hurley, C Rogers, S. Cleary, Fire Dept., JM, JZ	Implementing tracking system, on going. Harbor Watch developing Data and Map for monitoring results.	Goal: create one source of IDDE rather than compiling, combining records.
3-6 Address IDDE in areas with pollutants of concern-(Applies for most of Town).	Currently using Q alert system	Also using Inspectors for outfalls, Fire and health logs.	Keeping records of results of inspections/complaints	J Zebrowski, W Hurley, J Clancy, S. Cleary, Fire Dept. B. Carey	Implementing tracking system, on going.	Goal: create one source of IDDE rather than compiling, combining records.
3-7 Develop catchment areas for each outfall	Developed	Developed through GIS query.	Can obtain map at any time via GIS.	M. Jain	Completed 7/1/2017	Used, when applicable.
3-8 Map or list stormwater treatment Structures	Completed	Created list of structures	Create list, record cleanings.	Engineering	Completed 7/1/2015	Gave list to DPW for cleaning schedule. Depends on sediment amount, budget and need-goal minimum 4 year cycle. All done circa 2016.



3-9 Tracking IDDE Spreadsheets. Septic field repairs and list of spills. REF: sec 3.6 .	On going	Record number of repairs, new septic systems, spills.	42 septic repairs (2020). Est. 10 new septic systems. 84 recorded spills.	J. Oldham and Mary Cannon-Health	Completed 7/1/2017	Annual list from FHD.
3-10 Implement Appendix B- IDDE Protocol	Not started yet	none	Develop plan or protocol.	Engineering	Projected 2022	Develop plan, protocol.

### 3.2 Describe any IDDE activities planned for the next year, if applicable.

The written program will be posted to the Dept of Public works webpage and will be listed in next year's Annual Report; will update the written IDDE program as needed throughout the permit term.

Maintain master IDDE tracking spreadsheet and educate all employees involved in IDDE program to follow recording process.

### 3.3 List of citizen reports of suspected illicit discharges received during this reporting period.

Date of Report	Location / suspected source	Response taken
Ref: Q alert or master sheets for now	See sec 3.4, See appendix, Eng., Q alert files	See appendix- addressed all water quality complaints.
Note- est 450 (2018-19), 75 (2020) flooding drainage, icing complaints vs half dozen of illicit discharge complaints each year	Contact Engineering	Investigated all illicit discharge complaints, still responding to some of the flooding complaints. See Appendices for other departments' spills/illicit discharge data.

3.4 Provide a record of illicit discharges occurring during the reporting period and SSOs occurring July 2012 through end of reporting period using the following table.

Location (Lat long/ street crossing /address and receiving water)	Date and duration of occurrence	Discharge to MS4 or surface water	Estimated volume discharged	Known or suspected cause / Responsible party	Corrective measures planned and completed (include dates)	Sampling data (if applicable)
Ref: Q alert or master sheets some examples listed below:	See appendix, see below					
Ref: WPCA list of SSO in appendix	See Appendix				Working with Save the Sound to address. WPCA 5 year plan	Sample data/ NA
60 Reynolds Dr	2/28/20	Potential	unknown	Accident	ACV Enviro cleaned contaminants and vac CB	NA
71 Davis Road	3/27/20	potential	unknown	unknown	Inspection found no discolored water or any remnants.	3/30/20 Vis. inspection
238 Berekeley Rd	4/15/20	yes	ODOR	Narrowed to 3 residents	Petro odor in dry low pt CB. Sent cert. letters to property owners warning of future inspections, testing etc.. Worked with DEEP.	Cctv also DEEP Town insp.
350 Jennings Road	4/28/20	potential	NONE	B. Warner & G. Ceraso	Worried but found no contamination. Sent emails, TPZ discussed with Gas Station and performed site inspection.	NA
288 Jefferson St	6/18/20	Potential	None	Unknown	Resident said cement was dumped into CB- not true. WPCA inspected some debris so and had Contractor cleaned out silt sacks for pending storm.	NA
109 Mass. Ave	7/3/20	yes	< 5 gal	SCG	SCG contractor hit sewer line- repaired.	None- Holiday weekend
1335 Cross Hwy	9/15/20	Potential		Patterson Club	Irrigation or septic? Still investigate?	None
2629 Easton Tpk	10/2/20	Potential	None	Unknown	DPW found fuel in soil. DEEP dispatched. Site restored. Case Closed by Health Dept. See other cases from Health Dept. file/list.	None
99-100 Sunset Circle	2/8/21	Potential	None	Unknown	Resident called about sulfuric acid odor. Inspection found no odor, no residue.	None





Catchment investigations complete ( 50 catchment subbasins)	# 19
Estimated percentage of MS4 catchment area investigated (% CB-%catchment)	38 %

**3.8 Briefly describe the IDDE training for employees involved in carrying out IDDE tasks including what type of training is provided and how often is it given (minimum once per year).**

Currently, Health Dept. staff is trained in spotting, and reporting illicit discharges such as failing septic systems and questionable discharges. Most Fire Dept. personnel are Haz-Mat trained and can identify colored, turbid and foamy/oily discharges and are familiar with reporting requirements. Conservation Personnel and Engineering staff have trained inspectors and professional Engineers that can identify most illicit discharges and are familiar with reporting protocol. DPW, Town Marina and WPCF hold annual training sessions and cover spill kits, illicit and hazardous discharges, spills and reporting requirements.

#### **4. Construction Site Runoff Control (Section 6(a)(4) / page 25)**

##### **4.1 BMP Summary**

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Date completed or projected completion date	Additional details
4-1 Implement, upgrade, and enforce land use regulations or other legal authority to meet requirements of MS4 general permit	Partial completion On going	Engineering requires any building permit application to meet MS4 regulations prior to sign off. Zoning investigating adding MS4 language to Zoning and Subdivision regulations.	Engineering won't sign permits/Co's unless they meet New MS4 requirements. Required for TPZ regs?	W Hurley J Wendt-TPZ AJ- Conservation	Most regs in place. Goal: to include in TPZ land Use and subdivision regulations by July 2019	Pending approval for separate legal auth. Existing land use regs are enforced by several Dept.,
4-2 Develop/Implement plan for interdepartmental coordination in site plan review and approval	Completed On going	Code Enforcement review, roundtable meetings	Already performing task	W Hurley L Pulie- Eng. J Wendt, E. H. Conservation	Completed, 7/1/2017.	TPZ and Conservation refer to each other and Engineering for approvals for permit process.
4-3 Review site plans for stormwater quality concerns	Completed On going	Engineering has developed checklist and calculation sheet for easier project review.	Required for permits. SWPPP required for 1-5 acres.	A Santiago, M Jain, WH, Engineering	Completed 7/1/2017.	Review required, routine or structure installation inspections required.
4-4 Conduct site inspections	Completed On going	Inspectors log. Permit log with detention req. and date.	No. of permits. E & S complaint system, GW recharge and No net increase.	A Santiago-Eng M. Decker TPZ J. Chizmadia	Completed 7/1/2017	Routine or structure Installations Inspections required.
4-5 Implement procedure to allow public comment on site development	Completed On going	Q alert complaint/comment system-Public Hearings for larger projects.	No. of complaints, No. of Public hearings	J Wendt, AJ, W Hurley	Completed 7/1/2017	For minor project this could cause unnecessary delay? For larger or impact projects- process already in place.
4-6 Implement procedure to notify developers about DEEP construction stormwater permit	Completed On going	Posted requirements. Included in Permit requirements.	No. of Permits No. of Website visits	L. Pulie W Hurley J. Wendt E. Harrigan, AJ	Completed 7/1/2017.	In order to receive approval, Developer/Engineer must know SW permit requirements
4-7 Continue Engineering requirements for WQ, runoff < 1 acre.	Completed on going	Checklist, calculation sheet checklist	No. of permits. Applies to 200 sf or more.	L Pulie W Hurley A Santiago	Completed July 1, 2017	Program implemented in 2005 has resulted in less abutter complaints.

4-8 Continue Citizen Reporting Process via Phone, Q alert.	Completed On going	Est. 30-100 complaints Town wide regarding mostly drainage or flooding but some, SWQ issues.	No. of complaints, No. of complaints resolved.	First Selectman's Office	Completed 7/1/2017	Keeps record and result of complaint. See appendix.
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#### 4.2 Describe any Construction Site Runoff Control activities planned for the next year, if applicable.

Continue and improve on stormwater compliance checklist for review process.  
Propose or include MS4 permit requirements/ reference in Zoning Regulations.  
See checklist in appendix.

### 5. Post-construction Stormwater Management (Section 6(a)(5) / page 27)

#### 5.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Date completed or projected completion date	Additional details
5-1 Establish and/or update legal authority and guidelines regarding LID and runoff reduction in site development planning	Pending	On site detention requirement. Investigate LID/BMP measures.	Establish legal authority – although in place through permit process.	J Wendt W Hurley Conservation	Project July 2019	Conservation has had in this recommendation/requirement in place for several decades. LID listed in TPZ Plan of Conservation and Development

5-2 Enforce LID/runoff reduction requirements for development and redevelopment projects	pending	No net increase in runoff required. To Reduce DCIA 1% consider existing impervious or LID	Establish legal authority – although in place through permit process	J Wendt W Hurley L Pulie Emmaline H.	Projected July 2019	Already considered for most projects. Enforcement through permit or bond process.
5-3 Identify retention and detention ponds in priority areas	On going	GIS and part time employees putting SW easements into GIS system	List/ map of Detention ponds in priority area	AS (PT vacant)	Projected July 2019	Inspection of detention systems and structures scheduled for 2021.
5-4 Implement long-term maintenance plan for stormwater basins and treatment structures	On going	Conservation Requirement	Release of bonds, certified maintenance reports	Conservation S Neafsey L Pulie	Completed July 2017.	Confirming all Detention ponds have maintenance plans? Nitrogen for LIS, Bacteria concerns
5-5 DCIA mapping	On going	MetroCOG, CLEAR and Fairfield GIS have impervious cover maps.	Record Map	Engineering MetroCOG	Completed and on going January July 1, 2018	See map in appendix.
5-6 Address post-construction issues in areas with pollutants of concern	On going	Inspections, Q alert complaints, testing/Monitoring?	No. of inspections, no. of Q alert closeouts.	Engineering W Hurley L Pulie AS	Started 2019-all new projects over 200 sf must meet WQV and contain detention.	Attend workshops for ideas. Use UCONN CLEAR/Listserve. Nitrogen for LIS, Bacteria concerns
5-7 Involve Other Depts. Use Q alert System and GIS to identify problems	On going	Roundtable meetings Inspections workshops	No. of meetings, Detailed report	W Hurley J Wendt EH, GK, DN, JM,	Completed and on-going	Last Roundtable discussion held Feb 4, 2021
5-8 Bond Release Process	On going	Conservation, TPZ requirement	Bond releases, certified maintenance reports	SN,(Conservation) J Wendt (TPZ) AS (Eng)	Completed and on going.	Established practice always in progress.
Consider: Additional Detention areas to improve water quality and reduce flooding potential	On going	Consultant developed Rooster River report Sept 2019. Final Plans 2022	Consultant report completion- Construction	W. Hurley	Report April rev.Sept 2019. Prelim.Plans 2020 Final Plans permits due 2022.	Public support shown at public info meeting, Consultant applied for permits 2022.

## 5.2 Describe any Post-Construction Stormwater Management activities planned for the next year, if applicable.

Have DPW clean or Hire company to maintain highest priority detention ponds.

DPW cleaned Brentwood Det. Basin fall 2021. DPW cleaned debris from Rooster River Feb 2023

For new or redevelopment, applicant responsible for retaining additional runoff and ½-1 inch runoff from existing land use/sources on site. Effective Oct 1, 2017 trial basis and implemented January 2, 2018.

All Gross Particle separators should be inspected and any that need to maintenance will be cleaned.

DPW went to salt (KCl) mixture for snow removal. No sand which has decreased amounts in Gross Particle Separators.

## 5.3 Post-Construction Stormwater Management reporting metrics

Metrics – SUMMARY -Estimate only, calculating actual in March 2023	
Baseline (2012) Directly Connected Impervious Area (DCIA) est 37% of 30 Sq Mi.	11.1 sq. Miles= 7104 ac
DCIA disconnected (redevelopment plus retrofits) 222 detention permits (2022)	97.8 ac (thru 2021), 120.6 ac (2022)
Disconnected: Est. .034 ac per drive, .10 ac DCIA each permit= 33.7 ac +31.4 ac + 7.3 ac (Code Enforcement projects) + 10 ac Estate redevelopment + DPW 0.2 ac bulbout	119.5 (2022)
Retrofits completed = 150 small projects. 3 large projects @ Smith Rich Golf Course, SHU dorms/rink, 2446 Bronson Road (10 ac of 21 ac parcel) -raingardens, det. Systems. plus est. 6 code enforcement projects 7.3 acres(through 2020), Mill Hill School + Fairfield U Town House, two small projects (2021), three new multi-unit complexes and a religious center (2022) See Appendices	# 466 (2018), 174+12= 186 (2019) 99+310+6+ 2= 417 (2020) 111 + 5= 116 (2021) 222 + 4 = 226 (2022)
DCIA disconnected: 2158 permits from 2012-2016= 216 ac = 0.34 sq. mi (double check older code enforcements 2012-2018) (2017) (2018) (2019) basing no. on 113.35 acres not 216 ac. Plus 82.6 ac (2020) Summation of disconnected from 2012 thru 2020 = 412.0 ac vs benchmark 7104 ac DCIA.or 19584 ac total area. Estimated 35 ac (2021), 25 ac (2022)	0.04 % this year / 6.6 % total since 2012
Estimated cost of retrofits 2100/ea, (public and private)	\$875,700 inc. detent, gravel, labor, equip.
Detention or retention ponds identified ( 1-2 cleaning per year)	Est. 50 , 1 cleaned.
No. of Hydrodynamic separators, swirl concentrators, WQ Oil sep./chambers (Town Maint.)	52- none cleaned 2021 DPW used Salt/Mild winter conditions- 6 inches of snow and maybe 2 sleet events.

## 5.4 Briefly describe the method to be used to determine baseline DCIA.



2012 aerial photos, 2012 engineering, Conservation and TPZ development and permit records could take significant time. NEMO/CLEAR data stated 37 % impervious and estimated average impervious per permit. Assumes 0.1 acre impervious per (private property) permit for retrofit. Determined watershed area disconnected with installation of Town retrofit project. Also trying to use NEMO/CLEAR formula and disconnection in acres and % each year.

Also added "code enforcement" commercial projects. Ex. SHU expansion, commercial knockdown-rebuild retrofits, apartment complexes. 2022 list included in appendix.

## 6. Pollution Prevention/Good Housekeeping (Section 6(a)(6) / page 31)

### 6.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Date completed or projected completion date	Additional details
6-1 Develop/implement formal employee training program	annually	Training sign in sheet	Annual report	DPW, George K.	Completed annually 2016- 2023	Marina 12/12/20WPCF training well 12/31/20. DPW 12/31/20.
6-2 Implement MS4 property and operations maintenance	On going	DPW to follow SWPPP for DPW yard and evaluate all Town buildings and facilities for use, storage, disposal of petroleum and other products	Highlight/follow maintenance schedule	DPW Doug Novak, George K. BOE, Police/Fire	Completed for DPW Projected July 2018 for Police, Fire	Confirm that BOE bus facility has own SWPPP and maintenance procedures. Leaf pickup, management of yard through contractors
6-3 Implement coordination with interconnected MS4s	On going	Initiated conversations with adjoining municipalities.	Sasco Brook watershed study and TMDL, Rooster River watershed plan	Engineering W Hurley	Ongoing- Sasco Brook taken off list of impaired water in 2020s.	So far Coordinating with DOT improving BUT now working w/Bridgeport, Trumbull regarding Rooster River . Westport w/ Sasco Brook
6-4 Develop/implement program to control other sources of pollutants to the MS4	pending	Review plans for new construction Permits. Town facilities controlled by EPA phase 1, SWPPPs. Record # of oil tank removals. Est.100 (2019)	Phase 1 requirements being met for Town facilities. # of oil tank removals	Doug Novak (DPW), George K (DPW) W. Hurley (Eng) L. Pulie (Eng)	Completed for permitted Town facilities. Expand review for other facilities.	Code enforcement for new development. Investigate or research for other sources via complaints, monitoring etc.
6-5 Evaluate additional measures for discharges to impaired waters*	pending	Watershed studies and investigations through Conservation, Health Dept, Fire and Engineering.	Identified problem areas or sites. Annual list of oil tank removals.	S. Cleary- Health T. Bishop Conserv. W Hurley Eng D. McCarthy Fire	On going	List and investigations of illicit discharges, spills and complaints and follow up investigations.
6-6 Track projects that disconnect DCIA	Complete and On going	Through permit process, development must address 0.5 -1 inch rainfall for existing impervious cover.	No of permits	AS -Eng L. Pulie -Eng W. Hurley - Eng	Completed 7/1/2017 and On going	Engineering is Tracking via permits and GIS. Optional Assistance through MetroCOG available.

6-7 Implement infrastructure repair/rehab program	On going	Repairs performed via complaints and inspections	No. of repairs. Est 6 repairs this year.	George K. (DPW) J Zebrowski (Eng)	On going. Project 2021	Includes rebuilt catch basins, headwall repairs, cleaning outlets. Nordstrand Ave, Doreen Drive
6-8 Develop/implement plan to identify/prioritize retrofit projects	Starting to collect data and permit info	Recording permit locations to list and/or GIS	Investigating to see if permits alone can reduce DCIA or if additional plans are necessary.	Engineering L Pulie, W Hurley	Starting, on going, Projected 2020  SLR consultant and CIRCA investigating Fairfield Center	Town will list key projects on 5 year capital improvement plan potential Det areas- RR station 2019 and for 2020 SR Golf Course parking lot.
6-9 Implement retrofit projects to disconnect 2% of DCIA	On going	Hard to do for urbanized area. Permit process reducing DCIA. Town investigating reducing impervious areas when rehabilitation is needed	N/A (removed as per template changes)	Engineering AS, L Pulie, W Hurley	Starting and on going,. Projected 2022.	Town investigating reducing impervious areas in ROW or on Town property. Implemented 5 projects last two years. Consider New Haven/Lyme "box".
6-10 Develop/implement street sweeping program	On going	Town has had plan for several years/decades.	DPW has schedule of sweeping program- 2 weeks to 1 yr cycle.	George K. DPW Carlos M. DPW	Completed 7/1/2017 and on going	Still Exceeding requirements.  Bi weekly-Monthly downtown, bi monthly key areas, annual every street.
6-11 Develop/implement catch basin cleaning program	On going	Town's schedule via plowing routes.	No. of CB cleaned or by route/region.	Carlos M. DPW George K. DPW	Completed 7/1/2017 and on going	Maintenance based on past records, needs.  Catch basins cleaned 0.5 to 3 year cycle.
6-12 Develop/implement snow management practices	On going	Last year DPW installed double wall brine tank.	Reduction of sand or chemicals	Doug Novak, George K (DPW)	Completed 7/1/2017 and on going	Weather Dependent numbers can vary. Limited Budget may provide ways of decreasing applications.
Considering???Example additional BMP: 6-13 Map & Inventory highly erosive areas in town ROW	Started slowly	Collect information on eroding areas in ROW from highway maintenance personnel over course of normal operations	ID areas contributing large volume of sediment to town waterbodies	DPW- GK	July 1, 2020	Reason for addition: Reduce sedimentation of waterways near town ROWs-currently Using Q alert system.

6.2 Describe any Pollution Prevention/Good Housekeeping activities planned for the next year, if applicable.

Hold Roundtable discussion/meeting on how to reduce % chemicals, reduce salt and severely limit sand applications. Identify process for measurements to contractors for sand/sediment collection.

Based on public demand and DPW budget. Using pre treatment when practical.

### 6.3 Pollution Prevention/ Good Housekeeping reporting metrics- provided by Engineering and DPW.

Metrics (Estimate only awaiting # from DPW)		Annual -last one, Dec 16 Dec 30, 2022
Employee training provided for key staff		Every 2-4 weeks annually
Street sweeping- Fairfield Center, Southport and Grasmere Other Streets		288 miles
Street miles swept		1650 tons
Volume (or mass) of material collected 1800 tons per DPW .		
Catch basin cleaning		Est. # 6000
Total catch basins in priority areas- assuming all- take out sasco/GH area		# 7541
Total catch basins in MS4		Est. # 1000
Catch basins inspected----est. 1000 per DPW .		Est # 1000
Catch basins cleaned - est. 1000 cleaned, plus several storm lines		Est. 5 tons
Volume (or mass) of material removed from all catch basins-measure collection bay		Est. 3 tons
Volume removed from catch basins to impaired waters (if known)-assume 100% 3cf/cb		
Snow management		
Type(s) of deicing material used ( no liq. Calcium Chloride in 2020- mild winter)		Salt
Total amount of each deicing material applied- 1671.21 tons salt, 8.9 tons Bag deicer, 0 gal Liq Cal pretreatment.		2107 tons
Type(s) of deicing equipment used		sander jet
Lane-miles treated 270 mi x 2 lanes= 540 miles ( x 10 events info provided by DPW)		26,670 miles/yr
Snow disposal location		Jennings, Kiwanis, Mohegan parking lots
Staff training provided on application methods & equipment		12/30/2021
Municipal turf management program actions (for permittee properties in basins with N/P impairments)		Greensway Property services
Reduction in application of fertilizers (subcontracted out) (Town already using IPM)		0 lbs or 0 %
Reduction in turf area (since start of permit)		0 acres

Lands with high potential to contribute bacteria (dog parks, parks with open water, & sites with failing septic systems)- Lake Mohegan, Ash Creek, Mill River open space	Signs.Pet waste bags provided.
Cost of mitigation actions/retrofits	\$ 200

#### 6.4 Catch basin cleaning program

Briefly describe the method used to optimize your catch basin inspection and cleaning schedule. [Complete this section for the 2017 Annual Report only]

Town hires Contractor to clean out catch basins via snow plow (neighborhood) route and through Revize/complaint system, if applicable. Catch basins that notoriously need cleaning soon on placed on priority list. Town also inspects headwalls before major storms that can lead to other catch basin cleanings.

#### 6.5 Retrofit program

Briefly describe the Retrofit Program identification and prioritization process, the projects selected for implementation, the rationale for the selection of those projects and the total DCIA to be disconnected upon completion of each project.

Town implemented 5 retrofit projects in 2017-18 Sherman Green, Sanford St, FBR, Penfield Lot, Southport RR station. Fairfield Center green infrastructure study has been recently completed that gave the Town a list of potential projects . Created pocket park and Raingarden for Kings Hwy, retrofit St. Thomas roof and Porous pavement for RR Station in 2019. For 2020 DPW renovated Smith Richardson Golf Course parking lot with green infrastructure and Buena Vista bulbouts but Covid and limited budget prevented additional retrofits. As a countermeasure, the Engineering Department has incorporated DCIA into its drainage requirements and new (or re) development proposals must address existing impervious surfaces that drain into Town systems or watercourses. Town using Flooding complaints, Rooster River watershed reports (2019-2020), Sasco Brook TMDL studies, Southport Harbor Study by Harbor Watch, Mill River watershed study, Downtown GI report, Rooster River Water Quality report (2013), Harbor Watch performed Ash Creek and Aspetuck River sampling and analysis in their Fairfield County River Report -2020. Harbor Watch performed sampling and analysis on Ash Creek, Rooster River, Horse Tavern Brook, and Sasco Brook in 2021. Harbor Watch will perform Rooster River sampling and analysis for 2022.

Describe plans for continuing the Retrofit program beyond this permit term with the goal to disconnect 1% DCIA annually over the next 5 years.

Town hopes to apply for grant money to accomplish this goal. Otherwise it will list smaller retrofit projects on its 5 year capital plan. Engineering will continue it's reducing DCIA in its drainage permit requirements. Conservation currently has a 10 post development to 2 year pre development requirement for wetland permit projects. Town purchased 150 Villa Ave. parcel and will remove pipe sections, invasive plantings to create sediment basins and wetland enhancements.

DPW to disconnect impervious surface or reduce impervious surface by removing pavement. DPW/Engineering to explore potential locations. Potential traffic calming (bulbouts) projects along Old Post Road, Wilson Street/Church Hill Road.

Projects listed: Fairfield Center green infrastructure study has been recently completed that gives the Town a list of potential projects- see report. 6 Detention areas/ponds in Rooster River watershed. Bioswales in the Fairfield Center area. Stratfield 4 corners area. Wilson Street neighborhood improvements.



**Part II: Impaired waters investigation and monitoring [This section required beginning with 2018 Annual Report]**

**1. Impaired waters investigation and monitoring program**

**1.1 Indicate which stormwater pollutant(s) of concern occur(s) in your municipality or institution.** This data is available on the MS4 map viewer: <http://s.uconn.edu/ctms4map>.

Nitrogen/ Phosphorus ☐

Bacteria ☒

Mercury ☐

Other Pollutant of Concern ☒

**1.2 Describe program status.**

Discuss 1) the status of monitoring work completed, 2) a summary of the results and any notable findings, and 3) any changes to the Stormwater Management Plan based on monitoring results.

Harbor Watch has monitored 18 sites along Mill River/Southport harbor. Town is behind on some monitoring for this year. Three major flooding events have monopolized Town resources. Flooding Complaints outnumbers water Quality complaints over 450 vs 14 past few years. Town realizes that by reducing flooding potential, there are Water quality improvement opportunities as well. Town performed 50 dry weather monitoring outfalls in 2020. Town will begin internal wet monitoring late Spring 2021. Town has tested (12) wet monitoring sites in 2022.

**2. Screening data for outfalls to impaired waterbodies (Section 6(i)(1) / page 41)**

**2.1 Screening data collected under 2017 permit**

Complete the table below for any outfalls screened during the reporting period. Each Annual Report will add on to the previous year's screening data showing a cumulative list of outfall screening data.

Outfall ID	Sample date	Parameter (Nitrogen, Phosphorus, Bacteria, or Other pollutant of concern)	Results	Name of Laboratory (if used)	Follow-up required?
Ex. 6-3B	7/30/17	Bacteria	- E. coli 1,000 col/100ml - T Coliform 600 col/100ml	Chemworks	Yes
See appendix					

Harbor Watch has monitored approx.. 18 outfalls for Southport Harbor/Mill River watershed in 2018. Additional 28 for Mill River and 7 for Ash Creek/Aspetuck outfalls by Harbor Watch (2019 and 2020).

\*Follow-up investigation required (last column) if the following pollutant thresholds are exceeded:

Pollutant of concern	Pollutant threshold
Nitrogen	Total N > 2.5 mg/l
Phosphorus	Total P > 0.3 mg/l
Bacteria (fresh waterbody)	<ul style="list-style-type: none"> <li>E. coli &gt; 235 col/100ml for swimming areas or 410 col/100ml for all others</li> <li>Total Coliform &gt; 500 col/100ml</li> </ul>
Bacteria (salt waterbody)	<ul style="list-style-type: none"> <li>Fecal Coliform &gt; 31 col/100ml for Class SA and &gt; 260 col/100ml for Class SB</li> <li>Enterococci &gt; 104 col/100ml for swimming areas or 500 col/100 for all others</li> </ul>
Other pollutants of concern	Sample turbidity is 5 NTU > in-stream sample

## 2.2 Credit for screening data collected under 2004 permit

If any outfalls to impaired waters were sampled under the 2004 MS4 permit, that data can count towards the monitoring requirements under the modified 2017 MS4 permit. Complete the table below to record sampling data for any outfalls to impaired waters under the 2004 MS4 permit.

Outfall	Sample date	Parameter (Nitrogen, Phosphorus, Bacteria, or Other pollutant of concern)	Results	Name of Laboratory (if used)	Follow-up required?
Ex. 1-1A	11/4/16	Nitrogen	TN - 1.5 mg/l	Chemworks	No
Ex. 1-1B	10/15/16	Nitrogen	TN - 5.2 mg/l	Chemworks	Yes
Formerly 1	9/19/16	Bacteria	E> 24196	PH-0116	Yes-method SM9223B
F 2	9/19/16	Bacteria	e15531	PH-0116	Yes
F 3	9/19/16	Bacteria	e15531	PH-0116	Yes
F 4	9/19/16	Bacteria	e12997	PH-0116	Yes
F 5	9/19/16	Bacteria	e17329	PH-0116	Yes
F 6	9/19/16	Bacteria	e7701	PH-0116	Yes

Project to start summer 2019. Six outfalls were studied from 2004-2016.

## 3. Follow-up investigations (Section 6(i)(1)(D) / page 43)

Provide the following information for outfalls exceeding the pollutant threshold.

Outfall	Status of drainage area investigation	Control measure implementation to address impairment
Ex. 1-1B	Completed investigation of outfall drainage area – athletic field complex drains into waterbody	Reduce fertilizer use on fields and create 50 foot vegetated buffer.
	Inspect/monitor original 6 (yr 2004) outfalls	
	Continue follow up re: Harbor Watch Mill River Report	
	Fairfield cinemas closed- parking area closed. F6	Assuming no new pollutants.

#### 4. Prioritized outfall monitoring (Section 6(i)(1)(D) / page 43)

Once outfall screening has been completed for at least 50% of outfalls to impaired waters, identify 6 of the highest contributors of any pollutants of concern. Begin monitoring these outfalls on an annual basis by July 1, 2020.

Outfall	Sample Date	Parameter(s)	Results	Name of Laboratory (if used)
N/A yet			July 1, 2021	

By late Spring 2021, Engineering may have to decide which 6 outfalls to test based on Harbor watch report, Q alert system, past history of inspections or knowledge of poor water quality based on land use or ground cover inspections.

Currently Town is looking at sampling worst 1 or 2 samples at each watercourse, preliminary locations for sampling/monitoring:

Horse Tavern Brook 2 and 3 Stratfield Road, Wilson St @ Valley

Londons Brook 1 @ Montauk St.

Rooster River sites 3.5 and 2.5

Mill River-Fulling Mill or Cider Mill at Bronson Rd

Southport Harbor- Harbor Rd @ River Road

Note:

Aspetuck 5 –looks pretty good.

**Part III: Additional IDDE Program Data** [This section required beginning with 2018 Annual Report]

**1. Assessment and Priority Ranking of Catchments data** (Appendix B (A)(7)(c) / page 5)

Provide a list of all catchments with ranking results (DEEP basins may be used instead of manual catchment delineations).

1. Catchment ID (DEEP Basin ID)	2. Category	3. Rank
4011-00-2-R3	High Priority	3
4000-33-2-R2	Low Priority	10
See appendix		TBD

**2. Outfall and Interconnection Screening and Sampling data** (Appendix B (A)(7)(d) / page 7)

**2.1 Dry weather screening and sampling data from outfalls and interconnections**

Provide sample data for outfalls where flow is observed. Only include Pollutant of concern data for outfalls that discharge into stormwater impaired waterbodies.

Outfall / Interconnection ID	Screening / sample date	Ammonia	Chlorine	Conductivity	Salinity	E. coli or enterococcus	Surfactants	Water Temp	Pollutant of concern	If required, follow-up actions taken
Example only:		Ex. 0.3 mg/l	Not detected	400 uS/cm	0.4 ppt	E. coli 200 col/100ml	0.2 mg/l	15 C	n/a	No
Ex. 6-4B	3/20/17									Evidence of prior dry weather flow – raised priority of catchment investigation
See appendix for this years' results										
See Appendix for Harbor Watch Reports										

Checking inspector's report from spring/summer 2022- some input has been printed- see appendix.

## 2.2 Wet weather sample and inspection data

Provide sample data for outfalls and key junction manholes of any catchment area with at least one System Vulnerability Factor.

Outfall / Interconnection ID	Sample date	Ammonia	Chlorine	Conductivity	Salinity	E. coli or Enterococcus	Surfactants	Water Temp	Pollutant of concern
Project 2021									

See Harbor watch Report in appendix

## 3. Catchment Investigation data (Appendix B (A)(7)(e) / page 9)

### 3.1 System Vulnerability Factor Summary

For those catchments being investigated for illicit discharges (i.e. categorized as high priority, low priority, or problem) document the presence or absence of System Vulnerability Factors (SVF). If present, report which SVF's were identified. An example is provided below.

Outfall ID	Receiving Water	System Vulnerability Factors
<i>Example only 1-1C</i>	Mill River	1, 3, 5, 6, 8
<b>Actual</b>	Sasco Brook (lower)	10 ? removed from impaired list
	Sasco Brook (midsection)	10 ? removed from impaired list
<b>1-18</b>	Mill River/Southport Harbor	10 ?
	Pine Creek	10
	Cricker Brook	
	Long Island Sound	10
	Ash Creek	1, 10
	Rooster River	1, 10
	Aspetuck River	None

Where SVFs are:

- History of SSOs, including, but not limited to, those resulting from wet weather, high water table, or fat/oil/grease blockages.
- Sewer pump/lift stations, siphons, or known sanitary sewer restrictions where power/equipment failures or blockages could readily result in SSOs.
- Inadequate sanitary sewer level of service (LOS) resulting in regular surcharging, customer back-ups, or frequent customer complaints.
- Common or twin-invert manholes serving storm and sanitary sewer alignments.
- Common trench construction serving both storm and sanitary sewer alignments.
- Crossings of storm and sanitary sewer alignments.
- Sanitary sewer alignments known or suspected to have been constructed with an underdrain system;
- Sanitary sewer infrastructure defects such as leaking service laterals, cracked, broken, or offset sanitary infrastructure, directly piped connections between storm drain and sanitary sewer infrastructure, or other vulnerability factors identified through Inflow/Infiltration Analyses, Sanitary Sewer Evaluation Surveys, or other infrastructure investigations.
- Areas formerly served by combined sewer systems.
- Any sanitary sewer and storm drain infrastructure greater than 40 years old in medium and densely developed areas.

11. Widespread code-required septic system upgrades required at property transfers (indicative of inadequate soils, water table separation, or other physical constraints of the area rather than poor owner maintenance).
12. History of multiple local health department or sanitarian actions addressing widespread septic system failures (indicative of inadequate soils, water table separation, or other physical constraints of the area rather than poor owner maintenance).

### 3.2 Key junction manhole dry weather screening and sampling data

Key Junction Manhole ID	Screening / Sample date	Visual/ olfactory evidence of illicit discharge	Ammonia	Chlorine	Surfactants
See Mill River Report	2018-2019				
See Rooster River/Ash/Aspetuck River Report	2020				

### 3.3 Wet weather investigation outfall sampling data



Outfall ID	Sample date	Ammonia	Chlorine	Surfactants
See Mill River	2018-19			
See Rooster/Aspetuck	2020			

### 3.4 Data for each illicit discharge source confirmed through the catchment investigation procedure

Discharge location	Source location	Discharge description	Method of discovery	Date of discovery	Date of elimination	Mitigation or enforcement action	Estimated volume of flow removed
See Mill River Report	18-19						
See Rooster/Aspetuck	2020						
Rooster River		Prop 2022-23					



**Part IV: Certification**

<p>"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 this document or its attachments may be punishable as a criminal offense, in accordance with Section 22a-6 of the Connecticut General Statutes, pursuant to Section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute."</p>	
<p><b>Chief Elected Official or Principal Executive Officer</b></p>	<p><b>Document Prepared by</b></p>
<p>Print name: William Gerber, First Selectman</p>	<p>Print name: William Hurley P.E.</p>
<p>Signature / Date: </p>	<p>Signature / Date: 2/15/24, 4/1/24  2/14/24</p>

**NPDES PHASE 2 CONSTRUCTION SITE SWPPP CHECK LIST****Project:** \_\_\_\_\_ **Description:** \_\_\_\_\_

\_\_\_\_\_ 1.00-4.99 Acres Disturbed

**Location:** \_\_\_\_\_ Town of Fairfield IWPA# \_\_\_\_\_

Responsible Party \_\_\_\_\_

**Date:** \_\_\_\_\_ Phone# \_\_\_\_\_ available 24/7

- ☐ Requirements for construction site operators to implement appropriate erosion and sediment control best management practices;
- ☐ Requirements for construction site operators to control waste such as discarded building materials concrete truck washout, chemicals, litter, and sanitary waste that may cause adverse impacts to water quality;
- ☐ Requirements for construction site operators to develop and implement a storm water pollution prevention plan; and Drainage Report.
- ☐ Requirements to submit a site plan for review that incorporates consideration of potential water quality impacts to meet the latest MS4 regulations.
- ☐ Non-Structural BMPs
  - Minimizing Disturbance
  - Preserving natural Vegetation
  - Good Housekeeping
- ☐ Structural BMPs
  - Erosion Controls*
    - Mulch
    - Grass
    - Stockpile Covers
  - Sediment Controls*
    - Silt Fence
    - Inlet Protection
    - Check Dams
    - Stabilized Construction Entrances
    - Sediment Traps
    - Groundwater recharge

# Storm Water Plan Review

## Property Information

Date: \_\_\_\_\_

Address: \_\_\_\_\_

Name: \_\_\_\_\_

Contact: \_\_\_\_\_

Reviewed By: \_\_\_\_\_

## Type of Retention Required

☐ 25 Year Storm☐ Storm Water Quality☐ New Construction☐ 2005 or newer

## 10 Year Storm

Type of Development

☐ Addition☐ Additional Story☐ New Building☐ New Driveway☐ Driveway Addition☐ Patio/Walk☐ Covered Deck☐ Other

Square Feet \_\_\_\_\_

Square Feet \_\_\_\_\_

Square Feet \_\_\_\_\_

Square Feet \_\_\_\_\_

Square Feet \_\_\_\_\_

Square Feet \_\_\_\_\_

Square Feet \_\_\_\_\_

Square Feet \_\_\_\_\_

## Calculations

Total Impervious Square Feet \_\_\_\_\_

Required Cubic Feet (sf x 0.34) \_\_\_\_\_

Required Storage

☐ Cultech (or equal)

Units \_\_\_\_\_

☐ Rain Garden

Size \_\_\_\_\_

☐ Stone Trench

Size \_\_\_\_\_

## Storm Water Quality

Storm Water Contributes To

☐ Street☐ Water☐ Non Contributing☐ Within 75'☐ Within 75'

Square Feet \_\_\_\_\_

Square Feet \_\_\_\_\_

Roof Leaders

☐ Above Ground☐ Below Ground

## Calculations

Total Impervious Square Feet \_\_\_\_\_

Cubic Feet 1" Runoff (sf / 12) \_\_\_\_\_

Cubic Feet 1/2" Runoff (sf x 0.5 / 12) \_\_\_\_\_

Required Storage

☐ Cultech (or equal)

Units \_\_\_\_\_

☐ Rain Garden

Size \_\_\_\_\_

☐ Stone Trench

Size \_\_\_\_\_

## Notes

# Connecticut MS4 Guide

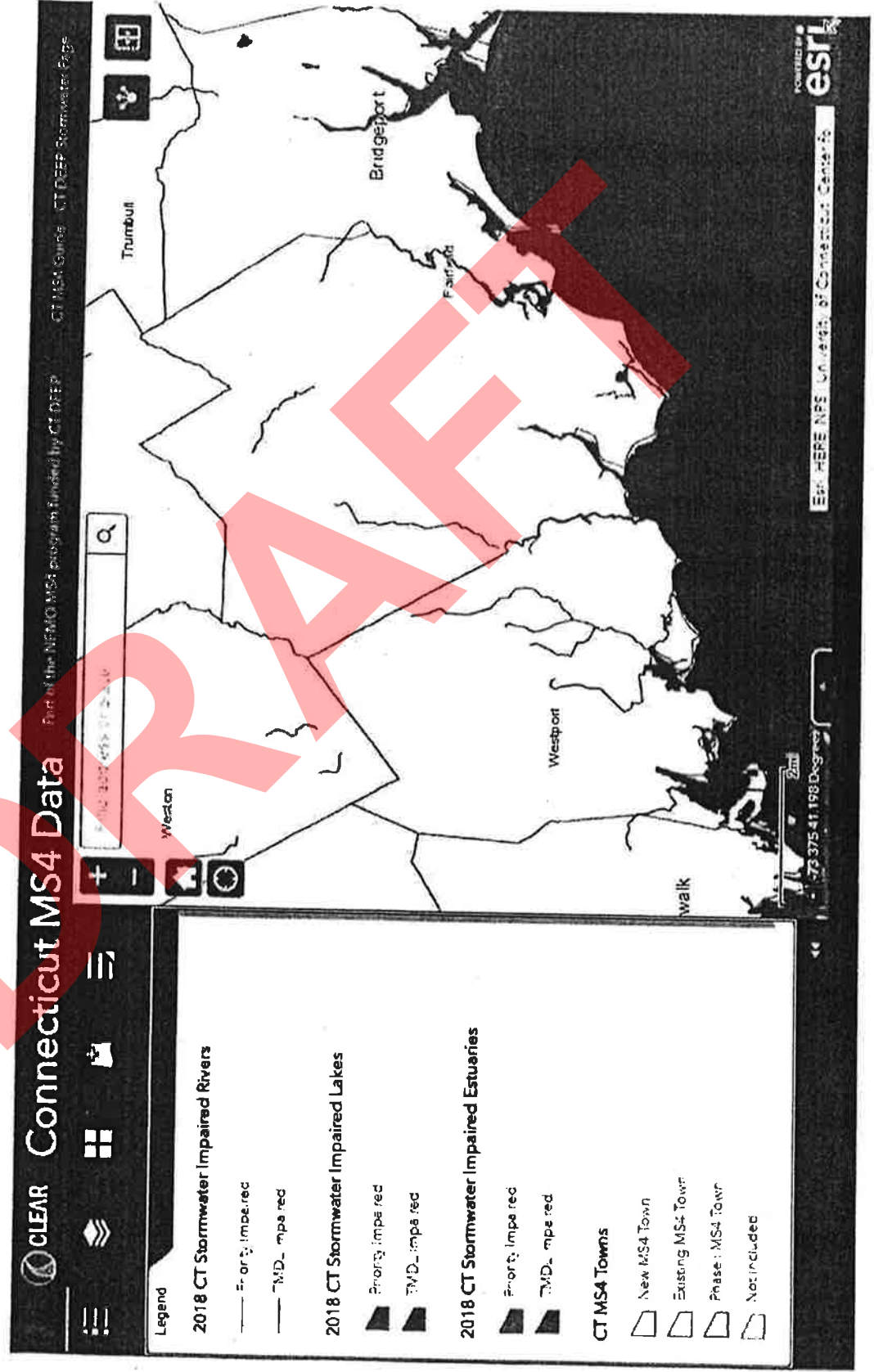


Home Basics Tasks Tools

ABOUT MS4 News NEMO CLEAR

## Tools

### MS4 Map





# Water Quality Targets for Waters for Which Bacteria is a Stormwater Pollutant of Concern

Water Quality Classification	E. Coli (Freshwater Rec) (cols/100mls)	Enterococci (Marine Rec) (cols/100mls)	Fecal Coliform (Marine Shellfishing) (cols/100mls)	Total Coliform (Freshwater Drinking) (cols/100mls)
AA	Instantaneous designated swimming 235 / Non designated Swimming 410 / All other Recreation 576 Geomean 126	N/A	N/A	Monthly Moving average <100 / Single Sample Maximum 500
A	Same as AA	N/A	N/A	N/A
B	Same as AA	N/A	N/A	N/A
SA (Direct Consumption)	N/A	Instantaneous Designated Swimming 104 / Instantaneous All other Uses 500 / Geomean 35	Geomean 14 / 90% of samples <31	N/A
SB (Indirect Consumption)	N/A	Same as SA waters	Geomean 88 / 90% of samples < 260	N/A

## RETROFITS and OTHER IMPROVEMENTS

DRAFT



## 2023 DPW improvements-water quality improvements

Remove pavement at Brookside Drive and Pansy Road Intersection

Rooster River Debris Clean up- labor and equipment share with Bridgeport

Duck Farm Road Bridge- Water quality improvements as part of the CT DEEP/US ACE and Fairfield Inland Wetlands Commission permit approvals.

WPCF Hardening project water quality improvements and drainage retrofits

DPW yard trench Drain cleaning ( maintenance)

Town of Fairfield Health Dept. List of New or Septic Field Repairs

Date	Permit #	Address
01/03/22	6-N	1330 Fencerow Dr.
01/04/22	29-R	76 Oxford Rd.
01/04/22	16-S	26 Mill River Rd
01/11/22	17-S	104 Florence Lane
01/18/22	18-S	98 Banks Place
02/15/22	30-R	105 Half Mile Ln.
02/16/22	1-A	1011 Pequot Ave.
03/02/22	19-S	300 Southgate Lane
03/02/22	31-R	2031 Redding Road
03/10/22	2-N	1111 Pequot Ave.
03/23/22	20-S	1158 Mill Hill Rd.
03/23/22	21-S	240 Fair Oak Dr.
03/28/22	32-R	98 Fair Oak Dr.
03/28/22	33-R	145 South Gate Lane
04/01/22	22-S	177 High Meadow Rd.
04/05/22	23-S	116 High Meadow Rd
04/05/22	24-S	1101 Mill Hill Road
04/05/22	34-R	1101 Mill Hill Road
04/08/22	W-2	38 Fallow Field Dr.
04/08/22	25-S	480 Mountain Laurel
04/12/22	26-S	1120 Hulls Hwy
04/12/22	27-S	1252 Pequot Ave.
04/12/22	28-S	1252 Pequot Ave. Lot 2
04/18/22	2-A	2713 Redding Rd.
04/28/22	35-R	375 Jennie Lane
05/03/22	29-S	1763 Cross Hwy
04/25/22	30-S	401 Springer Rd.
05/03/22	31-S	90 Brighton View Rd
05/03/22	32-S	546 Old Academy Rd.
05/04/22	36-R	141 Half Mile Rd.
05/04/22	37-R	2299 Burr Street
05/10/22	33-S	2100 North Ave
05/10/22	34-S	116 Melin Drive
05/11/22	38-R	843 Westport Tpk.
05/11/22	3-N	630 Hoydens Lane
05/12/22	35-S	865 Pequot Ave.
05/17/22	36-S	1005 Burr St.
05/19/22	W-3	375 Warner Hill Rd.
05/24/22	37-S	645 Hillside Rd.
05/24/22	38-S	701 Hillside Rd.
05/17/22	4-N	1120 Hulls Hwy
05/24/22	39-R	401 Springer Rd.
05/24/22	40-R	480 Mountain Laurel
05/24/22	41-R	1338 Brookside Dr.
05/26/22	39-S	33 Deer Run
05/26/22	40-S	4200 Congress St
06/10/22	41-S	332 North Cedar Rd.
06/17/22	42-S	812 Hillside Rd.
06/20/22	43-S	38 Oriole Ln
06/27/22	42-R	332 North Cedar Rd.

Town of Fairfield Health Dept. List of New or Septic Field Repairs

Date	Permit #	Address
06/27/22	44-S	1421 Merwins Lane
06/27/22	45-S	166 Lancelot Drive
06/27/22	46-S	1461 Merwins Lane
06/28/22	43-R	1020 Merwins Ln.
06/30/22	47-S	920 Redding Rd.
06/30/22	48-S	451 Wellington Dr.
07/06/22	1-S	30 Laurel Brooke
7/15/2022	2-S	1210 Mine Hill Rd.
7/18/2022	1-R	146 Bridle Trail
7/18/2022	3-S	585 Hoydens Ln.
7/22/2022	4-S	100 Mill River Rd.
7/25/2022	2-R	4200 Congress St.
7/27/2022	5-S	1685 Redding Rd.
7/29/2022	3-R	271 Long Meadow Rd.
8/4/2022	6-S	194 Ingleside Road
8/8/2022	1-A	96 Laurelbrook Ln.
8/15/2022	4-R	585 Hoydens Ln.
8/23/2022	2-A	1133 Cedar Rd.
8/30/2022	1-N	645 Hillside Rd.
9/8/2022	7-S	2124 Redding Rd.
9/12/2022	5-R	924 Cedar Road
9/13/2022	6-R	1763 Cross Hwy.
9/22/2022	3-A	184 Mill River Road
9/19/2022	7_R	90 Brighton View Rd.
9/7/2022	8-R	30 Laurel Brooke
9/28/2022	2-N	701 Hillside Rd
9/29/2022	8-S	325 Morehouse Lane
9/30/2022	9-R	38 Oriole Lane
10/4/2022	4-A	620 Greenfield Hill Rd.
10/4/2022	9-S	1881 Burr St.
10/6/2022	10-R	4601 Black Rock Tpk.
10/11/2022	5-A	275 N. Cedar Rd.
10/12/2022	6-A	490 Shurb Oak Lane
10/19/2022	10-S	431 Aran Hill Rd.
10/20/2022	11-S	1118 Cedar Rd.
10/28/2022	12-S	305 Misty Wood
11/9/2023	11-R	184 Mill River Road
11/14/2022	13-S	1546 Redding Rd.
11/17/2022	12-R	396 Midlock Rd.
11/22/2022	13-R	184 Lindamir Lane
11/22/2022	14-R	1546 Redding Rd.
11/29/2022	14-S	15 Mill River Road
12/7/2022	15-S	857 Bronson Road
12/14/2022	15-R	812 Hillside Rd.
12/16/2022	3-N	166 Lancelot
12/19/2022	16-S	497 Westport Tpk.
12/21/2022	17-S	184 Lindamir Lane
12/21/2022	16-R	1421 Merwins Lane
12/30/2022	18-S	99 Oriole Lane

## MS4 Achievements

DRAFT

## Gabriel, Betty

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**From:** Jacobson, Annette  
**Sent:** Friday, January 3, 2020 12:34 PM  
**To:** Gabriel, Betty  
**Subject:** FW: CT's Sasco Brook restored

This should be a Conservation agenda item

**From:** Carey, Brian <BCarey@fairfieldct.org>  
**Sent:** Friday, January 3, 2020 12:19 PM  
**To:** Jacobson, Annette <AJacobson@fairfieldct.org>; Jones, Edward <EJones@fairfieldct.org>  
**Subject:** FW: CT's Sasco Brook restored

This is great news.

Brian Carey, Conservation Director  
Sullivan Independence Hall, Second Floor  
725 Old Post Road  
Fairfield, CT 06824  
203-256-3071

*If you need to print this email or any attachments, reuse and recycle the paper.*

### **Current Weather**

<https://www.weatherlink.com/embeddablePage/show/39a644bf3dd64b778eb0901c1c3bd0aa/signature>

**From:** Mozian, Alicia <AMOZIAN@westportct.gov>  
**Sent:** Friday, January 3, 2020 11:32 AM  
**To:** Carla Nelson <carla@huntclubonline.org>; Geoffrey Steadman <geoffreysteadman@att.net>; Donzella, Carol - NRCS, Hamden, CT <carol.donzella@usda.gov>; Ratkiewicz, Peter <Pratkiewicz@westportct.gov>; Edwards, Stephen <SEDWARDS@westportct.gov>; Sarah Crosby (s.crosby@earthplace.org) <s.crosby@earthplace.org>; Dick Harris (rbharris39@gmail.com) <rbharris39@gmail.com>; Pete Fraboni <p.fraboni@earthplace.org>; Nikki Spiller <n.spiller@earthplace.org>; DeRosia-Banick, Kristin <Kristin.DeRosia-Banick@ct.gov>; Elaine Long <emlong01@aol.com>; Carey, Brian <BCarey@fairfieldct.org>; Cooper, Mark <mcooper@wwhd.org>  
**Cc:** Chris Malik <christopher.malik@ct.gov>  
**Subject:** FW: CT's Sasco Brook restored

Hello Everyone,

Happy New Year! See e-mail exchange between Chris Malik and the U.S. EPA. Sasco was officially de-listed off the state's list of impaired waterways.

I appreciate all that has been done over the years to help get us to this point by so many people. I know we still have our work cut out for us given this past summer's numbers but we should take a bow for a minute anyways.

All the best and thank you!!

Alicia

From: Malik, Christopher <[Christopher.Malik@ct.gov](mailto:Christopher.Malik@ct.gov)>  
Sent: Friday, January 3, 2020 10:54 AM  
To: Mozian, Alicia <[AMOZIAN@westportct.gov](mailto:AMOZIAN@westportct.gov)>  
Subject: FW: CT's Sasco Brook restored

From: Cote, Mel <[Cote.Mel@epa.gov](mailto:Cote.Mel@epa.gov)>  
Sent: Friday, January 3, 2020 10:01 AM  
To: Bedan, Erik <[Erik.Bedan@ct.gov](mailto:Erik.Bedan@ct.gov)>; Malik, Christopher <[Christopher.Malik@ct.gov](mailto:Christopher.Malik@ct.gov)>  
Cc: Trowbridge, Philip <[Philip.Trowbridge@ct.gov](mailto:Philip.Trowbridge@ct.gov)>; Winnett, Steven <[winnett.steven@epa.gov](mailto:winnett.steven@epa.gov)>  
Subject: FW: CT's Sasco Brook restored

Chris and Erik – Congratulations on getting Sasco Brook restored and off the 303(d) list! It's particularly gratifying for me to see this success story since it was one of the first watershed projects I worked on as the new LISS and CT 319 coordinator in 1993! A great partnership between EPA, NRCS, CT DEP, the SWCD, and municipalities. Congrats to everyone who was involved in making it happen in a very urbanized watershed.

Melville P. Coté, Jr., Acting Deputy Director  
Water Division  
U.S. Environmental Protection Agency, Region 1  
Five Post Office Square, Suite 100 (6-1)  
Boston, MA 02109  
(o) 617-918-1553  
(m) 857-294-1709

From: Feuerbach, MaryJo <[feuerbach.maryjo@epa.gov](mailto:feuerbach.maryjo@epa.gov)>  
Sent: Friday, December 27, 2019 4:40 PM  
To: Moraff, Kenneth <[Moraff.Ken@epa.gov](mailto:Moraff.Ken@epa.gov)>; Cote, Mel <[Cote.Mel@epa.gov](mailto:Cote.Mel@epa.gov)>  
Cc: Fancieullo, Sandra <[fancieullo.sandra@epa.gov](mailto:fancieullo.sandra@epa.gov)>; Deegan, Dave <[Deegan.Dave@epa.gov](mailto:Deegan.Dave@epa.gov)>; Beck, Erik <[beck.erik@epa.gov](mailto:beck.erik@epa.gov)>; Dombroski, Ian <[dombroski.ian@epa.gov](mailto:dombroski.ian@epa.gov)>; Wright, Bessie <[Wright.Bessie@epa.gov](mailto:Wright.Bessie@epa.gov)>; Perkins, Eric <[perkins.eric@epa.gov](mailto:perkins.eric@epa.gov)>; Pryor, Margherita <[Pryor.Margherita@epa.gov](mailto:Pryor.Margherita@epa.gov)>; Winnett, Steven <[winnett.steven@epa.gov](mailto:winnett.steven@epa.gov)>; O'Neill, Leah <[Oneill.Leah@epa.gov](mailto:Oneill.Leah@epa.gov)>  
Subject: CT's Sasco Brook restored

Ken and Mel,

A new nonpoint source (s.319) success story has been posted on our national website! CT's Sasco Brook has been restored to meet recreational water quality standards. Check out what happened and how s.319 funds helped support the restoration:

[https://www.epa.gov/sites/production/files/2019-12/documents/ct\\_sascobrook\\_1828\\_508.pdf](https://www.epa.gov/sites/production/files/2019-12/documents/ct_sascobrook_1828_508.pdf). Steve Winnett is our CT s.319 coordinator and can provide further details about this effort.

MaryJo

MaryJo Moubry Feuerbach, Chief  
Watershed & Nonpoint Source Management Section  
EPA - New England, Region 1  
5 Post Office Square, Suite 100  
Mail Code 06-1  
Boston, MA 02109-3912  
Office ph: (617) 918-1578  
[feuerbach.maryjo@epa.gov](mailto:feuerbach.maryjo@epa.gov)

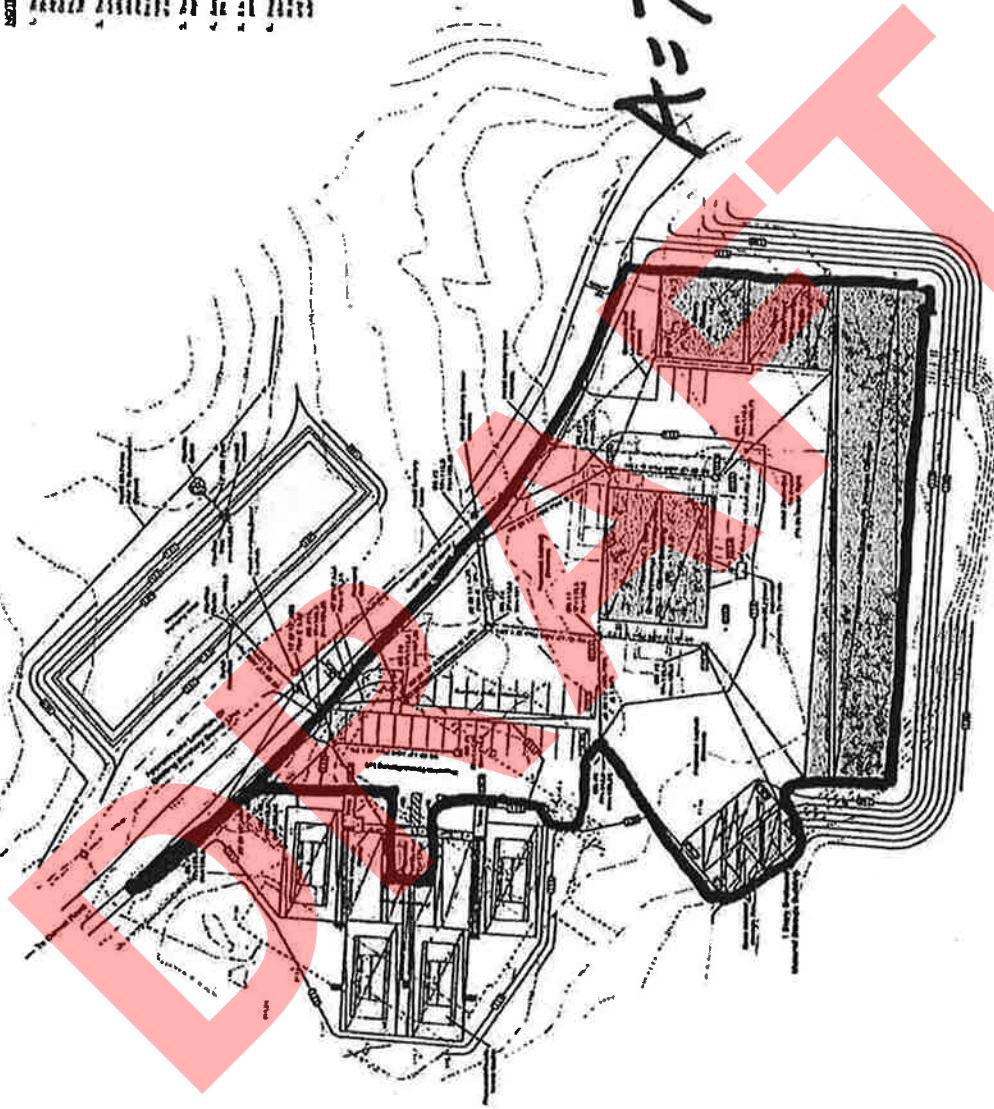
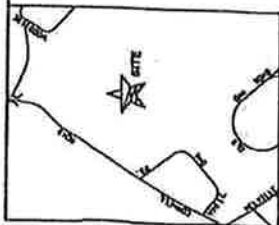


2023

DISCONNECTED IMPERVIOUS AREAS

<u>Location</u>	<u>Code</u>	<u>LOCATION OR ADDRESS</u>	<u>AREA DISCONNECTED -</u>
<u>Plan</u>	<u>Enft #</u>		
1	1523	760 Tahmore Drive - St. Catherine's Academy	2.45
2	Eg-23-0058	888 Oldfield Rd - Multi Family Complex	0.5
3	Eg-23-0108	345 Reef Road - Multi Unit Complex	1.65
4	Eg-23-0229	1173 North Benson Road - Fairfield U Residence Hall - Faber Hall North	0.34
5	Eg-23-0273	1173 North Benson Road - Fairfield U Residence Hall - Faber Hall North	1.15
6	Eg-23-0310	118 Jefferson St - Oxygen tank Storage Pad	0.01
7	1517	2405 Black Rock Turnpike - new gas station	0.48





$A = 77,683 \pm$

**NOTES:**

1. The owner has provided the site plan and all necessary data for the preparation of this plan. The engineer has verified the data and has found it to be correct.
2. The engineer has prepared this plan in accordance with the requirements of the Department of Transportation, Division of Highway Planning and Construction, and the Department of Public Works, Division of Planning and Design.
3. The engineer has prepared this plan in accordance with the requirements of the Department of Transportation, Division of Highway Planning and Construction, and the Department of Public Works, Division of Planning and Design.
4. The engineer has prepared this plan in accordance with the requirements of the Department of Transportation, Division of Highway Planning and Construction, and the Department of Public Works, Division of Planning and Design.
5. The engineer has prepared this plan in accordance with the requirements of the Department of Transportation, Division of Highway Planning and Construction, and the Department of Public Works, Division of Planning and Design.
6. The engineer has prepared this plan in accordance with the requirements of the Department of Transportation, Division of Highway Planning and Construction, and the Department of Public Works, Division of Planning and Design.

PROJECT NUMBER: 000-000000-0000  
 DRAWING NUMBER: 000-000000-0000  
 DATE: 00/00/00  
 PROJECT NAME: 000-000000-0000

**DATA ACCUMULATION PLAN**  
 PREPARED FOR  
**BROOKLAWN COUNTRY CLUB, INC.**  
 #500 ALDRIDGE ROAD  
 FAIRFIELD, CONNECTICUT

DATE	00/00/00	BY	0000
CHECKED	00/00/00	BY	0000
APPROVED	00/00/00	BY	0000
SCALE	1" = 100'		
PROJECT NUMBER	000-000000-0000		
DRAWING NUMBER	000-000000-0000		
DATE	00/00/00		
BY	0000		
CHECKED	0000		
APPROVED	0000		
SCALE	1" = 100'		
PROJECT NAME	000-000000-0000		

8-4358

Drywell  
 Det area

#2

DCIA  
 Example #2  
 Retention shown  
 in yellow

- LEGEND**
- 1. Building Footprint
  - 2. Parking Area
  - 3. Roadway
  - 4. Retention Area
  - 5. Detention Area
  - 6. Drywell
  - 7. Easement
  - 8. Utility
  - 9. Boundary
  - 10. Other



WATER TO MULCHING, LIGHTLY DUMP SOIL AROUND THE ROOT BALL TO BRACE SHAUL. DO NOT OVER COMPACT. FROM THE PLANTING HOLE HAS BEEN ACCORDED, POUR WATER AROUND THE ROOT BALL TO SETTLE THE SOIL.

RENTAL

— BOTTOM OF ROOT BALL RESTS ON EXCITING OR RECOMPACTED

Ref: Project 50-218 - Pocket Rain Park/Garden

31108505 JURY 12 13

### 3. Method

**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF COLUMBIA**

— EXISTING GRADE

ALTYE SIIRG?ANE

**VERIFY SCALE**  
BAR IS 1 INCH ON  
ORIGINAL DRAWING  
IF NOT ONE INCH ON  
THIS SHEET, ADJUST  
SCALES ACCORDINGLY

[illegible]

LANDSCAPE DETAILS

1.1




C11.01

POCKET PARK DETAILS  
SCALE: 1" = 20' 40 FT

A horizontal scale bar with three segments. The first segment is labeled '0', the second '20', and the third '40'. Below the bar, the text 'SCALE IN FEET' is written.



[illegible]




[illegible]



1st number = Length  
 2nd number = Length x 2

~ 12 miles  
 -----  
 Total 2nd numbers

### FAIRFIELD CENTER STREET SWEEPING

*This program begins in late March or early April, and will continue until late December. The biggest concern as far as scheduling is freezing temperatures. Sweeping equipment operates with water. Low temperatures can present a problem while sweeping and while storing in the Town yard.*

*This will be set up every Thursday at 5:00 am, with Friday as a rain date.*

Route 1 from Sasco Hill Road to traffic circle 1.7 miles, 3.4 miles  
 Belmont Street .12 miles, .24 miles  
 Eliot Street .09 miles, .18 miles  
 Eliot Place .07 miles, .14 miles  
 North Benson Road from Route 1 to Eliot Street .03 miles, .06 miles  
 South Benson Road from Route 1 to Old Post Road .13 miles, .26 miles  
 Round Hill Road from Route 1 to Kinnie Drive .26 miles, .52 miles  
 Beach Road from Route 1 to Judson Road .46 miles, .92 miles  
 Old Post Road from Route 1 to Oldfield Road .92 miles, 1.69 miles  
 Unquowa Place from Route 1 to taxi cab office .10 miles, .20 miles  
 Sanford Street .10 miles, .20 miles  
 Miller Street .08 miles, .16 miles  
 Unquowa Road from Route 1 to Tomlinson School .21 miles, .42 miles  
 Reef Road from Oldfield Road to Route 1 .22 miles, .44 miles  
 Nichols Street from Reef Road to Catherine Street .08 miles, .16 miles  
 Sherman Street to Catherine Street .11 miles, .22 miles  
 Sherman Street to Sherman Court .20 miles, .40 miles  
 Ruane Street from Sherman Street to Route 1 .06 miles, .12 miles  
 Mill Plain Road from Route 1 to Mill Plain Green .31 miles, .62 miles  
 Rec Center lot .22 miles  
 Sherman Green lot .34 miles  
 Town Hall lots 1.1 miles

Total Sweeping  
 for lots

1<sup>st</sup> number = Length  
2<sup>nd</sup> number = Length x 2

~ 5.7 miles  
Total 2<sup>nd</sup> numbers

#### SOUTHPORT CENTER STREET SWEEPING

*This program begins in late March or early April, and will continue until late December. The biggest concern as far as scheduling is freezing temperatures. Sweeping equipment operates with water. Low temperatures can present a problem while sweeping and while storing in the Town yard.*

*This will be set up every other Friday morning at 5:00 am.*

Pequot Avenue from Chester Place to Route 1 .42 miles, .84 miles  
Mill Hill Road from Route 1 (SBC) to Bronson Road .06 miles, .12 miles  
Old Post Road from Pequot Avenue to Route 1 .44 miles, .88 miles  
Station Street .07 miles, .14 miles  
Main Street from Pequot Avenue to Harbor Road .25 miles, .50 miles  
Harbor Road from Rose Hill Road to Westway Road .27 miles, .54 miles  
Spruce Street South .14 miles, .28 miles  
John Street .19 miles, .38 miles  
Rennell Drive .20 miles, .40 miles  
Jelliff Lane .18 miles, .36 miles  
Spruce Street North .10 miles, .20 miles  
Center Street from Route 1 to Wakeman Club .32 miles, .64 miles  
Pease Avenue from Route 1 to traffic island .06 miles, .12 miles  
Pease Avenue from Route 1 and Rennell Drive around traffic islands .09 miles, .18 miles

1st number = Length  
2nd number = Length x 2

~ 8.7 miles  
Total 2nd numbers

#### GRASMERE CENTER STREET SWEEPING

This program begins in late March or early April, and will continue until late December. The biggest concern as far as scheduling is freezing temperatures. Sweeping equipment operates with water. Low temperatures can present a problem while sweeping and while storing in the Town yard.

This will be set up every other Friday morning at 5:00 am.

Route 1 from Old Post Road to Town line .47 miles, .94 miles  
Route 1 at Fair Auto .13 miles, .26 miles  
Riverside Drive from Route 1 to Shoreham Terrace .08 miles, .16 miles  
Kings Highway from Route 1 to Grasmere Avenue .44 miles, .88 miles  
Ardmore Street .20 miles, .40 miles  
Grasmere Avenue from Route 1 to Holland Hill Road .56 miles, 1.12 miles  
Kings Highway East from Grasmere Avenue to Kings Highway Cutoff .62 miles, 1.24 miles  
Commerce Drive .75 miles, 1.5 miles  
Fiske Street .07 miles, .14 miles  
Chambers Street .18 miles, .36 miles  
Webster Street .09 miles, .18 miles  
Duka Avenue .16 miles, .32 miles  
Johnson Drive .15 miles, .30 miles  
Black Rock Turnpike from Johnson Drive to Town Line over Bullard bridge .38 miles, .76 miles  
Cooldge Street from Commerce Drive to Rutland around traffic island .12 miles, .24 miles

~ 3.87 miles

FAIRFIELD AND SOUTHPORT RAILROAD STREET SWEEPING

*This program begins in late March or early April, and will continue until late December. The biggest concern as far as scheduling is freezing temperatures. Sweeping equipment operates with water. Low temperatures can present a problem while sweeping and while storing in the Town yard.*

Southport Railroad lots North and South sides and lot on Center Street , 8.5 miles

Fairfield Railroad lots North and South sides 2.2 miles

Carter Henry Drive from Route 1 to Unquowa Place , 3.2 miles

Railroad lot on Mill Plain Road across from Rec Center , 5.0 miles

Fairfield Railroad lots are swept three times per year.

- (1) Early spring; April, 1 a.m.
- (2) Midsummer; July, 3:00 a.m.
- (3) Late fall; November, 3:00 a.m.

Plus all roads are done annually.

Search Requests

▼ Q

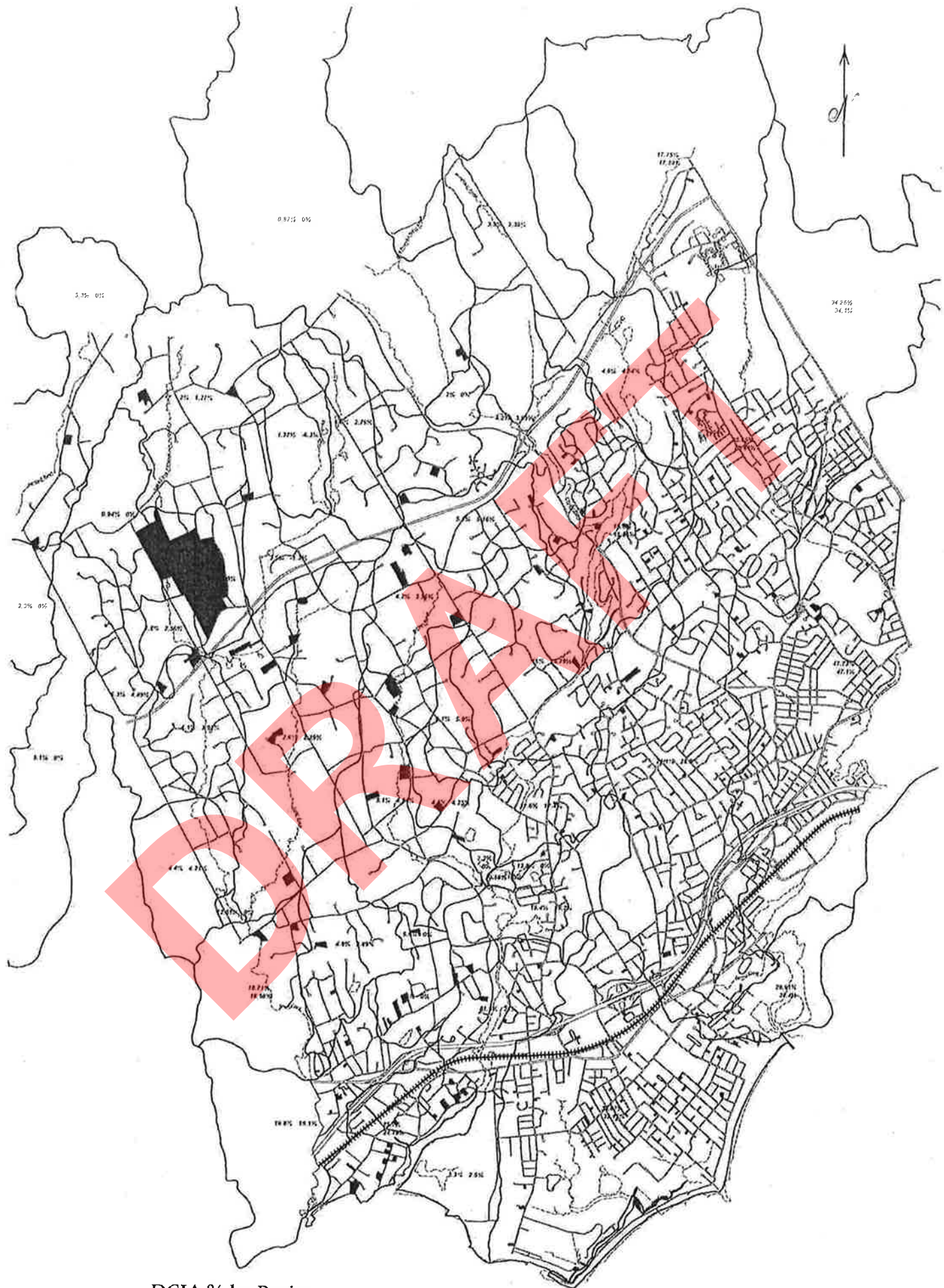
Refresh Map

ID	Request Type	Address	Create Date	Last Action	Submitter	Priority
89068	Drainage - Engineer	535 HILL FARM ROAD Fairfield	12/11/2019 2:08p	12/25/2019 2:08p	JULIE LOW	2
83078	Drainage - Engineer	323 TAHMORE DRIVE Fairfield	7/9/2019 8:37a	7/23/2019 8:41a	ROBERT KWAIT	2
81966	Drainage - Engineer	72 MERTON STREET Fairfield	6/10/2019 8:27a	6/24/2019 8:35a	JOSEPH MCGEE	2
81026	Drainage - Engineer	1380 OLD ACADEMY RO... Fairfield	5/16/2019 2:26p	5/30/2019 2:35p	CYNTHIA DODGE	2
80067	Drainage - Engineer	285 BULKLEY DRIVE Fairfield	4/23/2019 10:11a	5/7/2019 10:19a	WILLIAM HURLEY	2
78879	Drainage - Engineer	877 SOUTH PINE CREEK... Fairfield	3/20/2019 9:08a	4/3/2019 9:09a	VALERIE DANIELS	2
77658	Drainage - Engineer	135 RIDGE COMMON Fairfield	2/8/2019 12:30p	2/22/2019 12:33p	LAUREN TENNANT	2
76688	Drainage - Engineer	45 SPLIT ROCK ROAD Southport	1/9/2019 12:04p	1/23/2019 12:11p	ROBERT WEBER	2
76372	Drainage - Engineer	25 GRAY ROCK ROAD Southport	12/28/2018 12:32p	1/11/2019 12:35p	JOHN BLACK	2
73708	Drainage - Engineer	654 OLDFIELD ROAD Fairfield	10/10/2018 10:20a	10/24/2018 10:23a	CARL PERIGY	2
73459	Drainage - Engineer	895 BRONSON ROAD Fairfield	10/3/2018 12:40p	10/17/2018 12:46p	ANTHONY PAST...	2
83957	Drainage - Engineer	1540 STILLSON ROAD Fairfield	7/30/2019 3:14p	2/13/2020 5:23p	BRIAN CORDELL	2
76525	Drainage - Engineer	HILLSIDE ROAD and HIL... Fairfield	1/4/2019 8:41a	2/7/2019 6:13p	JON ANGEL	2
73226	Drainage - Engineer	TOF - ROOSTER RIVER Fairfield	9/27/2018 3:30p	11/5/2018 6:06p	JOE MACK	2
73658	Drainage - Engineer	70 LONG MEADOW ROAD Fairfield	10/9/2018 12:54p	10/31/2018 3:08p	STEVE MARKS	2
73750	Drainage - Engineer	820 FAIRFIELD WOODS R... Fairfield	10/10/2018 3:33p	10/26/2018 3:43p	ALAN GURNEY	2
85153	Drainage - Engineer	1438 POST ROAD Fairfield	8/29/2019 9:03a	2/13/2020 5:21p	ANN RERAT	2
83077	Drainage - Engineer	323 TAHMORE DRIVE Fairfield	7/9/2019 8:36a	7/9/2019 8:38a	Robert Kwait	2
75324	Drainage - Engineer	984 FAIRFIELD BEACH R... Fairfield	11/27/2018 11:29a	5/14/2019 2:18p	TIMOTHY DALY	2
77849	Drainage - Engineer	805 ROUND HILL ROAD Fairfield	2/19/2019 10:21a	5/14/2019 2:13p	James Bernstein	2
75867	Drainage - Engineer	896 RIVERSIDE DRIVE Fairfield	12/10/2018 2:03p	5/14/2019 2:11p	Amanda Sharkey	2
74835	Drainage - Engineer	PANSY ROAD and STILLS... Fairfield	11/14/2018 2:28p	2/25/2019 6:20a	BETTY GORTON	2
73356	Drainage - Engineer	ARBOR DRIVE and POST... Southport	10/1/2018 2:31p	10/1/2018 3:21p	Kelth michaelson	2
65242	Drainage - Engineer	17 WELCH TERRACE Fairfield	3/2/2018 11:49a	5/30/2018 2:54p	ERIKA DEUTSCH...	2

DCIA Analysis Map

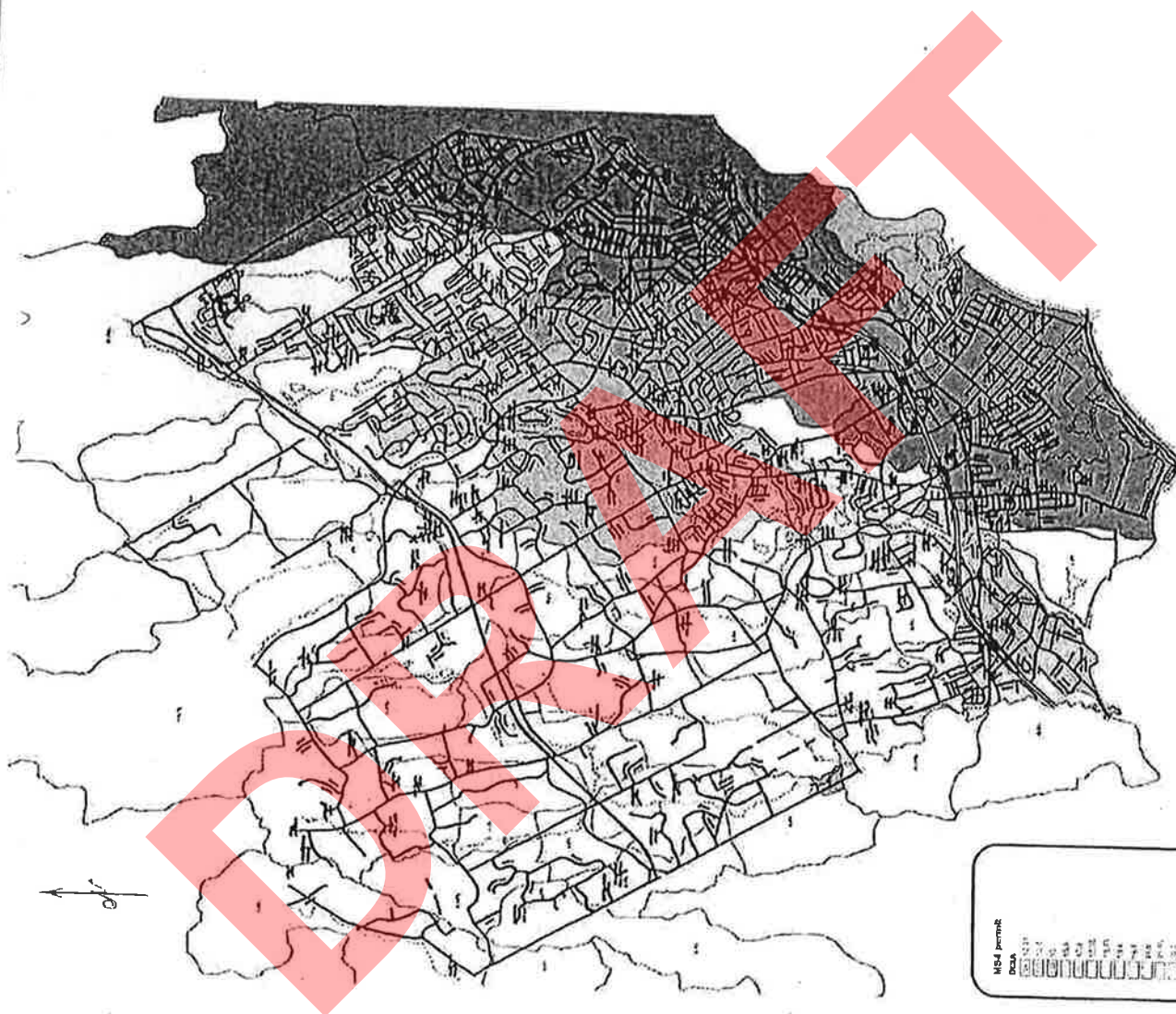
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DCIA % by Basin  
2021 Onsite Detention Permits (211) - blue





DCIA over 11%  
Fairfield, CT  
November 1, 2018

need to revise





example 2

Monitoring

DRAFT

# 2023 Fairfield County Water Quality Report

Nicole C. Spiller  
Kasey T. Burns  
Mary K. Donato  
Marisa Olavarria

Harbor Watch, Earthplace, Inc., Westport, CT 06880

*This report includes data on:*

Ash Creek Watershed (Ash Creek, Rooster River, Londons Brook, Horse Tavern Brook), Bruce Brook, Deadman's Brook, Farm Creek, Fivemile River, Horseneck Brook, Indian River, New Creek, Noroton River, Norwalk River Watershed (Norwalk Harbor, Norwalk River, Ridgefield Brook), Pequonnock River Watershed (Pequonnock River, Island Brook), Rippowam River, Sasco Brook Watershed (Sasco Brook, Great Brook), Slivermine River, and Stony Brook.

This report should be cited as:

N.C. Spiller, K.T. Burns, M.K. Donato, and M. Olavarria. 2023. Fairfield County Water Quality Report 2023. Harbor Watch, Earthplace, Inc. 1-61pp.

# 1. About Harbor Watch and This Report

Harbor Watch is one of the many program offerings at Earthplace, Inc. The mission of Earthplace is to build a passion in our community for nature and the environment through education, experience, and action. The Harbor Watch program is the cornerstone of environmental action at Earthplace. Our mission is to improve water quality and ecosystem health in Connecticut. Each day we strive to achieve this goal through the collection of actionable data, collaboration with our partners to address pollution threats to Long Island Sound, and hands-on education programs for high school and college students.

Since its inception in 1986, Harbor Watch has collected physical, chemical, and biological data in our local waterways and ecosystems. Key projects include dissolved oxygen profile surveys and participation in the Unified Water Study, a fish study, instream monitoring and pollution track-down using indicator bacteria, and salt marsh restoration research. This report will focus on our indicator bacteria monitoring, as well as riverine dissolved oxygen and water temperature. *E. coli* and enterococci were selected for study because they are the indicator bacteria of choice for the Environmental Protection Agency (EPA) and Connecticut Department of Energy and Environmental Protection (CT DEEP) for sewage pollution in freshwater systems and saltwater systems respectively. Their presence in high concentrations suggests that there are likely also more harmful pathogens present. Dissolved oxygen is an important water quality indicator because many aquatic species rely on it for survival, similarly to how land animals rely on oxygen in the air. When dissolved oxygen is not available, species like fish and macroinvertebrates will relocate to higher quality waters or die due to the lack of oxygen. Temperature is also an important parameter for aquatic species, which can be excluded from a given location if the temperature is too high or too low. Dissolved oxygen and water temperature can be negatively impacted if sewage is present.

For more information about our other projects and for previously published reports and journal articles, please visit our website ([www.harborwatch.org](http://www.harborwatch.org)).

Every effort has been made to ensure the accuracy of the information presented in this report. If you notice anything in this report that you believe may be an error, we welcome that or any other feedback. Please contact us by email at [harborwatch@earthplace.org](mailto:harborwatch@earthplace.org).

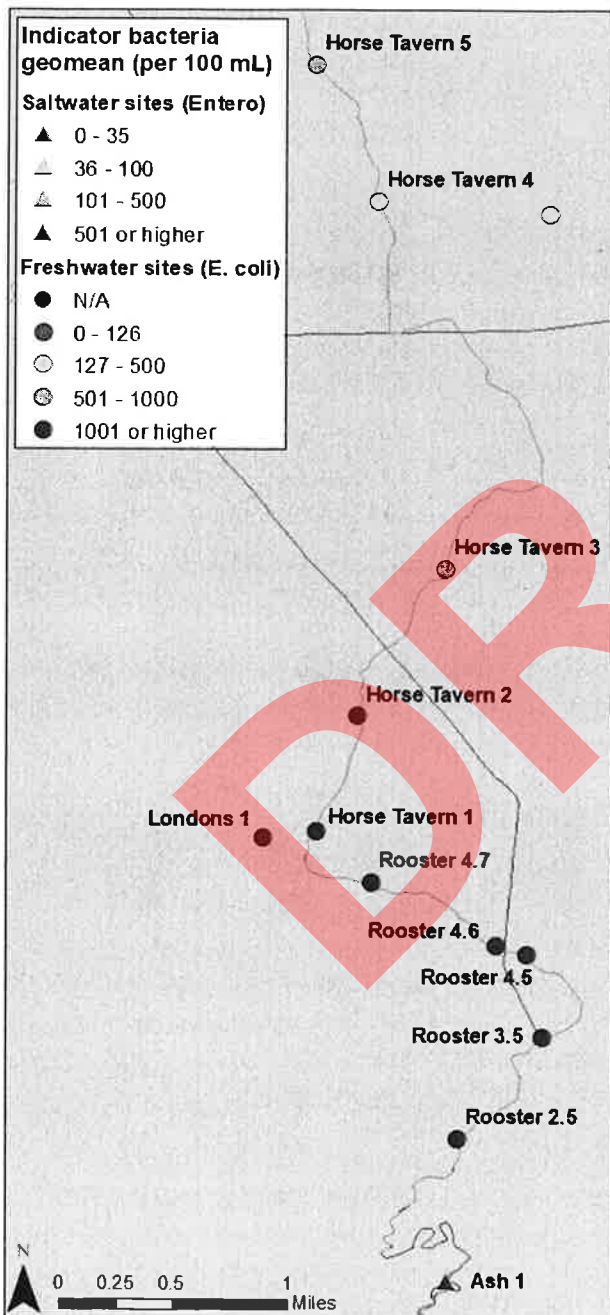
## 2. Acknowledgements

The authors would like to thank Ryan Burns, Gina Donato, Kyra McCarthy, Isaac Moore, Alicia Mozian, Sofia Sarak, Lara Thaner, Andres Palmer, Alexa Papageorge, and Annie Smith for their assistance with data collection and laboratory analysis. Funding for the research presented here was generously provided by the City of Bridgeport, City of Norwalk, City of Stamford, Connecticut Department of Energy and Environmental Protection, Elizabeth Raymond Ambler Trust, Jeniam Foundation, Long Island Sound Futures Fund, Long Island Sound Study, National Fish and Wildlife Foundation, New Canaan Community Foundation, Norwalk Mayor's Water Quality Committee, Norwalk River Watershed Association, Town of Fairfield, Town of New Canaan (Conservation Commission), Town of Ridgefield, Town of Stratford, Town of Westport, Town of Wilton, Upwell Coffee, and Westport Shellfish Commission. Additional support was provided by the generosity of individual donors. We thank our funders for their continued support, without which this work would not be possible!

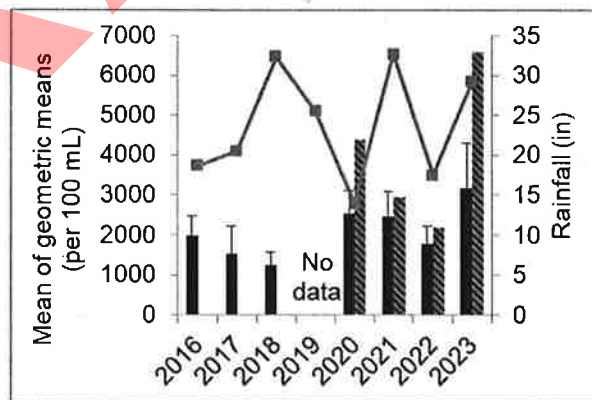


## A. Ash Creek Watershed (Ash Creek, Rooster River, Horse Tavern Brook, and Londons Brook)

The Ash Creek Watershed encompasses portions of Fairfield, Bridgeport, Trumbull, and Easton, CT. The watershed is approximately 9,800 acres or 15.3 square miles (CT DEEP, 2013). Land use within the watershed is a mix of medium density residential lots, and commercial properties (Fuss and O'Neill 2013). There are multiple tributaries that discharge to Ash Creek including Rooster River, Horse Tavern Brook, Londons Brook, and Ox Brook. Harbor Watch started monitoring the Ash Creek Watershed in 2016 due to its status on the impaired waters list. Data has been collected annually since then with the exception of 2019.



**Indicator bacteria:** In 2023, data were collected on 9 days. Bacteria data on 7/6 were excluded from analysis because quality control protocols were not met. All of the sites studied exceeded the CT DEEP geomean criteria for indicator bacteria (Figure A1). Additionally, 18% of all samples processed in the Ash Creek Watershed exceeded the CT DEEP single sample maximum criteria (Table A1). Bacteria concentrations in the watershed have historically exceeded CT DEEP criteria but mean concentrations in 2023 were observed to be elevated above years prior (Figure A2). Harbor Watch continues to partner with the City of Bridgeport and Town of Fairfield on pollution track-down work to locate sources of elevated concentrations. Prior track-down testing in 2022 identified a number of hot spots and we continue to investigate the systems to isolate sources.



**Figure A1.** (Left) Map of indicator bacteria, *E. coli* or enterococci, geomean concentrations at each site in the Ash Creek Watershed in 2023. The unlabeled site is Island Brook (see sub-section K). **Figure A2.** (Above) Mean of freshwater site geomeans (black bars; *E. coli*) and saltwater site geomeans (striped bars; enterococci) from 2016-2023 in the Ash Creek Watershed and total rainfall from May through September each year (grey squares and line).

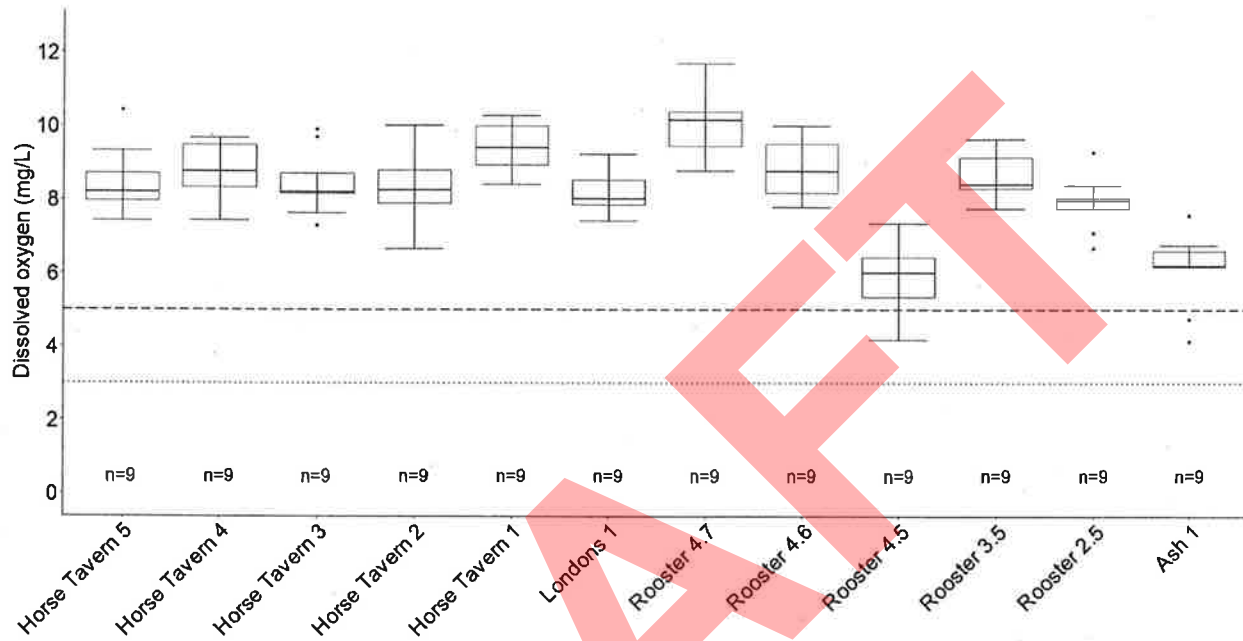
**Table A1.** Ash Creek Watershed *E. coli* and enterococci concentrations (MPN/100mL), geomeans, and percentage of samples exceeding the CT DEEP single sample maximum. Rainfall data gathered from the Norwalk Health Department website (Norwalk Health Department, n.d.).

Site	Indicator bacteria	5/17/2023	6/7/2023	6/15/2023	7/26/2023	8/8/2023	8/23/2023	8/28/2023	9/26/2023	Geomean	% Exceed SSM
Horse Tavern 5	<i>E. coli</i>	461	71	1,733	1,034	4,185	582	303	1,954	735	63%
Horse Tavern 4	<i>E. coli</i>	68	34	727	977	1,642	435	114	551	305	38%
Horse Tavern 3	<i>E. coli</i>	179	921	1,961	1,722	2,143	913	996	684	963	88%
Horse Tavern 2	<i>E. coli</i>	387	866	1,540	1,462	2,282	690	1,034	1,230	1,053	88%
Horse Tavern 1	<i>E. coli</i>	276	1,120	1,454	2,318	4,196	774	611	839	1,071	88%
Londons 1	<i>E. coli</i>	219	>2,420	2,092	3,654	2,306	1,741	504	1,658	1,385	75%
Rooster 4.7	<i>E. coli</i>	411	>2,420	1,842	2,098	2,187	987	556	779	1,173	75%
Rooster 4.6	<i>E. coli</i>	488	>2,420	1,633	4,106	1,720	1,086	480	1,761	1,371	75%
Rooster 4.5	<i>E. coli</i>	>4,839	>9,678	8,664	9,222	98,039	3,654	1,658	5,225	7,640	100%
Rooster 3.5	<i>E. coli</i>	2,407	7,945	15,531	28,272	54,750	9,769	8,212	4,500	10,654	100%
Rooster 2.5	<i>E. coli</i>	1,540	>4,839	7,945	15,531	48,391	12,033	10,344	4,725	8,457	100%
Ash 1	Enterococci	1,314	>24,196	19,863	5,475	7,701	1,918	4,884	14,136	6,582	100%
Accumulation 48 hours prior		0.00	0.00	0.42	0.56	1.12	0.00	0.00	0.92		

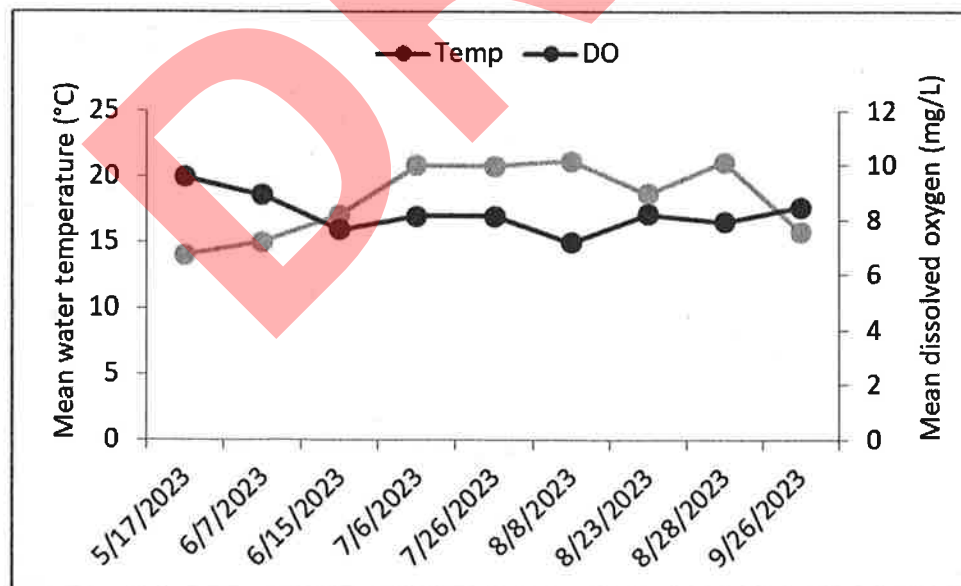
**Table A2.** GPS coordinates and site locations for the Ash Creek Watershed.

Site Name	Latitude	Longitude	Site location notes	River Name
Horse Tavern 5	41.24438	-73.23205	Revere Lane	Horse Tavern Brook
Horse Tavern 4	41.23572	-73.22811	Chestnut Hill Road	Horse Tavern Brook
Horse Tavern 3	41.21243	-73.22382	Vincellette Street	Horse Tavern Brook
Horse Tavern 2	41.20316	-73.22940	Wilson Street	Horse Tavern Brook
Horse Tavern 1	41.19585	-73.23199	Stratfield Road	Horse Tavern Brook
Londons 1	41.19538	-73.23540	Montauk Street	Londons Brook
Rooster 4.7	41.19260	-73.22850	Cornell Road	Rooster River
Rooster 4.6	41.18858	-73.22064	Brooklawn Avenue	Rooster River
Rooster 4.5	41.18807	-73.21872	Capitol Avenue	Rooster River
Rooster 3.5	41.18283	-73.21771	Brooklawn Avenue	Rooster River
Rooster 2.5	41.17648	-73.22304	North Avenue (Route 1)	Rooster River
Ash 1	41.16745	-73.22369	Commerce Drive/State Street Ext	Ash Creek

Dissolved oxygen and water temperature: Dissolved oxygen readings in the watershed varied by site throughout the season (Figure A3). While the majority of readings met the CT DEEP minimum criteria, 2 individual dissolved oxygen readings were observed below 5 mg/L at freshwater site Rooster 4.5. The low readings were predominantly observed during August when average water temperature was highest (Figure A4).



**Figure A3.** Box plot of dissolved oxygen concentrations at each sampling site in the Ash Creek Watershed. The dashed red line represents the CT DEEP minimum criteria for dissolved oxygen in freshwater, which is 5mg/L. The dotted red line represents the CT DEEP minimum criteria for dissolved oxygen in saltwater, which is 3mg/L. The only saltwater sampling site in this watershed is Ash 1.



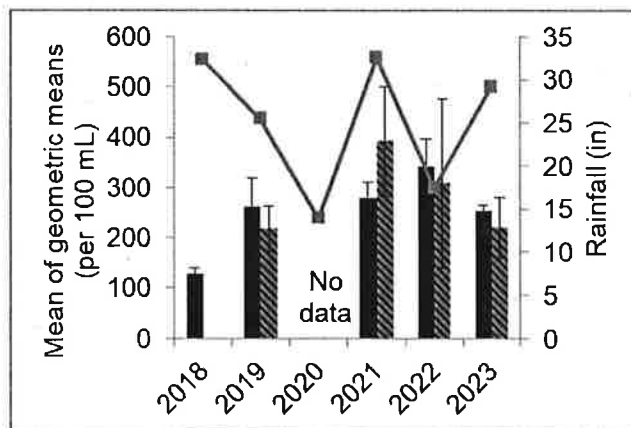
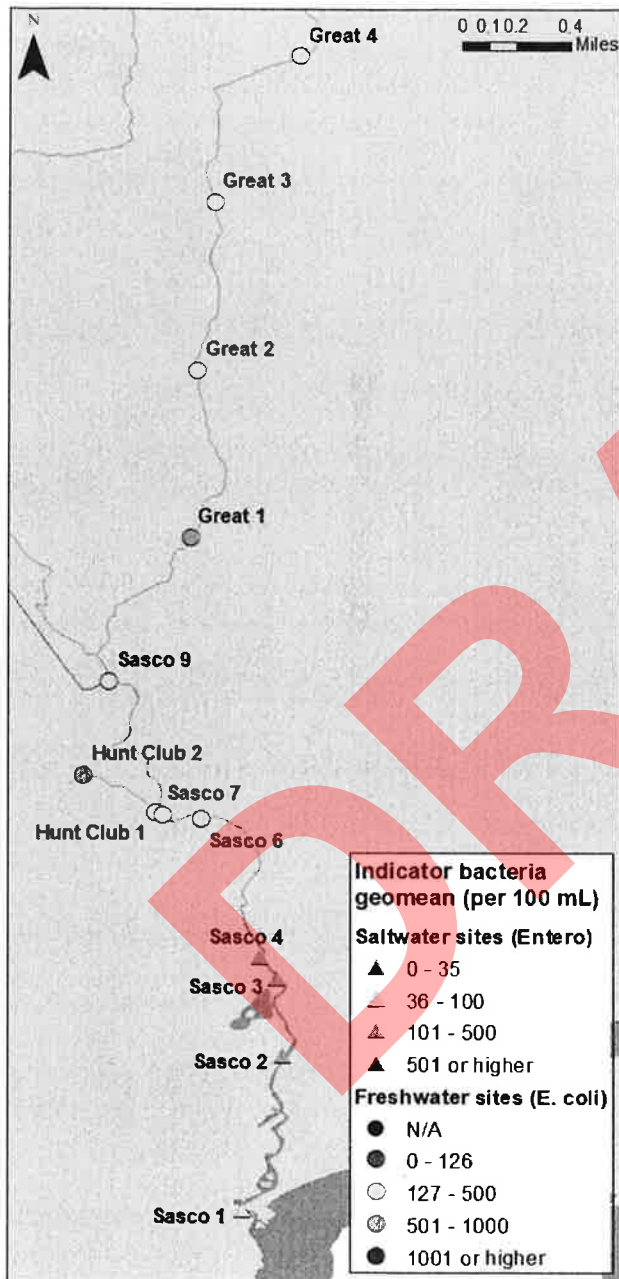
**Figure A4.** Mean water temperature and mean dissolved oxygen of all sites on each sampling date in the Ash Creek Watershed.

## M. Sasco Brook Watershed (Sasco Brook, Great Brook, Unnamed tributary Off Ulbrick Lane)

The Sasco Brook Watershed falls within Westport, Fairfield, and Easton, CT. The watershed is approximately 6,600 acres or about 10 square miles. The watershed consists of 55% woods, wetlands, and water surfaces, 32% of low density residential areas and open recreational spaces, 7% urban areas, and 6% agricultural lands (Sasco Brook Pollution Abatement Committee, 2011). Sasco Brook discharges

into Long Island Sound at Southport Beach. Harbor Watch has conducted monitoring in various portions of the watershed throughout the years with most recent efforts focused on the lower portion of the watershed where the brook forms the border between Fairfield and Westport and the small unnamed tributary (denoted as Hunt Club in this report) which branches off to the west between Sasco 8 and Sasco 6. In 2023, Harbor Watch added monitoring sites along Great Brook, a tributary to Sasco Brook that enters the brook upstream of Sasco 9.

**Indicator bacteria:** In 2023, data were collected on 10 days. All sites within the watershed exceeded the CT DEEP geomean criteria for indicator bacteria (Figure M1). Additionally, 35% of all samples processed in the watershed exceeded the CT DEEP single sample maximum criteria (Table M2). Bacteria concentrations in the lower portion of the watershed over the last 5 years have remained relatively consistent (Figure M2). Harbor Watch conducted pollution track-down in the unnamed tributary to attempt to isolate potential pollution sources, but none have been discovered at the time of this report.



**Figure M1.** (Left) Map of indicator bacteria, *E. coli* or enterococci, geomean concentrations at each site in the Sasco Brook Watershed in 2023. **Figure M2.** (Right) Mean of freshwater site geomeans (black bars; *E. coli*) and saltwater site geomeans (striped bars; enterococci) from 2017-2023 in the mainstem of Sasco Brook and total rainfall from May through September each year (grey squares and line).



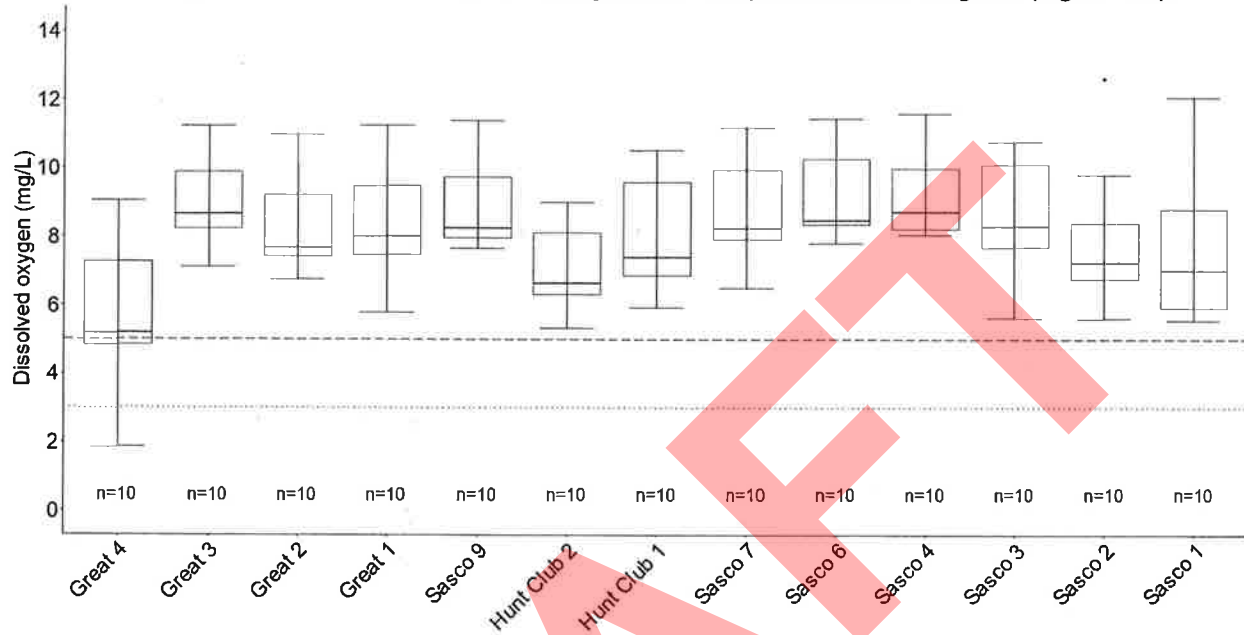
**Table M1.** Sasco Brook Watershed *E. coli* and enterococci concentrations (MPN/100mL), geomeans, and percentage of samples exceeding the CT DEEP single sample maximum. Rainfall data gathered from the Norwalk Health Department website (Norwalk Health Department, n.d.).

Site	Indicator bacteria	5/3/2023	5/18/2023	5/31/2023	6/13/2023	7/5/2023	7/27/2023	8/9/2023	8/17/2023	9/6/2023	9/12/2023	Geomean	% Exceed SSM
Great 4	<i>E. coli</i>	99	37	17	1,046	2,420	651	523	356	398	1,164	313	40%
Great 3	<i>E. coli</i>	91	18	20	365	>2,420	582	690	271	>4,839	2,190	358	50%
Great 2	<i>E. coli</i>	52	127	56	613	>2,420	476	177	271	153	924	266	30%
Great 1	<i>E. coli</i>	121	99	135	1,414	2,240	3,106	977	496	449	1,089	572	50%
Sasco 9	<i>E. coli</i>	83	108	96	1,414	722	259	332	162	216	630	264	30%
Hunt Club 2	<i>E. coli</i>	84	2,420	68	1,986	4,839	475	1,302	913	2,190	992	835	70%
Hunt Club 1	<i>E. coli</i>	49	185	53	>2,420	>4,839	493	440	418	420	1,379	443	30%
Sasco 7	<i>E. coli</i>	81	105	108	1,011	1,159	252	242	176	192	870	268	30%
Sasco 6	<i>E. coli</i>	74	62	65	1,553	1,454	181	222	156	133	582	225	30%
Sasco 4	Enterococci	41	10	10	3,076	2,603	528	473	379	345	1,081	255	40%
Sasco 3	Enterococci	75	51	52	3,076	4,352	504	331	359	288	884	363	40%
Sasco 2	Enterococci	74	20	10	365	5,794	298	197	417	74	612	180	20%
Sasco 1	Enterococci	10	72	62	22	8,164	74	74	134	96	20	80	10%
Accumulation 48 hours prior		0.01	0.00	0.00	0.50	1.43	0.56	0.07	0.10	0.00	2.17		

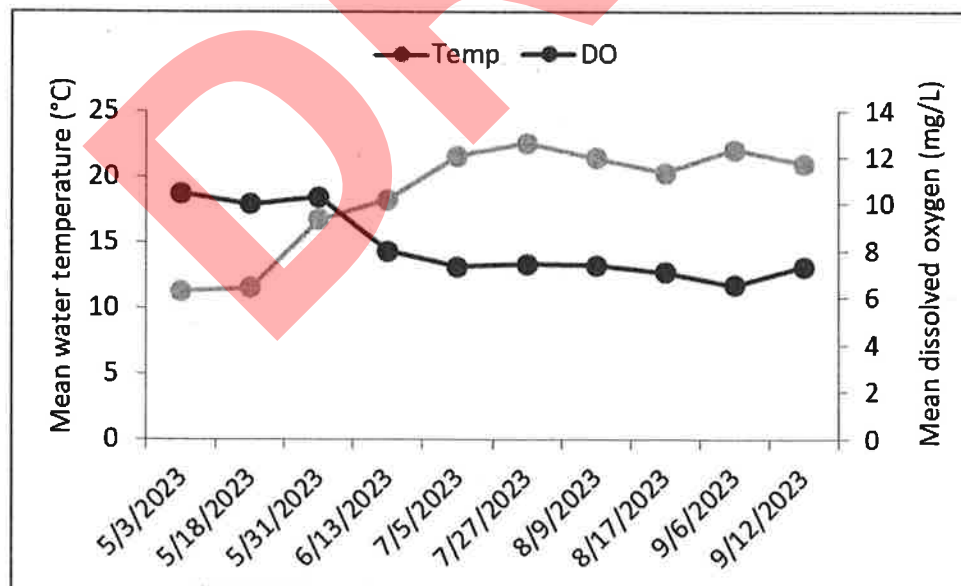
**Table M2.** GPS coordinates and site locations for the Sasco Brook Watershed.

Site Name	Latitude	Longitude	Site location notes	River Name
Great 4	41.186111	-73.295942	Congress Street	Great Brook
Great 3	41.178274	-73.300464	Dunham Road	Great Brook
Great 2	41.169402	-73.301349	Merwins Lane	Great Brook
Great 1	41.160474	-73.301709	Morehouse Lane	Great Brook
Sasco 9	41.15280	-73.30605	210 Hulls Farm Road	Sasco Brook
Hunt Club 2	41.14786	-73.30736	Bulkley Avenue N	Unnamed Tributary
Hunt Club 1	41.14587	-73.30357	Ulbrick Lane	Unnamed Tributary
Sasco 7	41.14573	-73.30314	8 Ulbrick Lane	Sasco Brook
Sasco 6	41.14556	-73.30111	Old Road	Sasco Brook
Sasco 4	41.13813	-73.29793	Route 1	Sasco Brook
Sasco 3	41.13702	-73.29708	408 Greens Farm Road	Sasco Brook
Sasco 2	41.13293	-73.29675	32 Westway Road	Sasco Brook
Sasco 1	41.12478	-73.29888	Pequot Avenue	Sasco Brook

Dissolved oxygen and water temperature: Dissolved oxygen readings in the watershed varied by site throughout the season (Figure M3). While the majority of readings met the CT DEEP minimum criteria, 4 individual dissolved oxygen readings were observed below 5 mg/L at site Great 4. Low readings were observed during July and September when average water temperatures were highest (Figure M4).



**Figure M3.** Box plot of dissolved oxygen concentrations at each sampling site in the Sasco Brook Watershed. The dashed red line represents the CT DEEP minimum criteria for dissolved oxygen in freshwater, which is 5mg/L. The dotted red line represents the CT DEEP minimum criteria for dissolved oxygen in saltwater, which is 3mg/L. The saltwater sampling sites in this watershed are Sasco 4, Sasco 3, Sasco 2, and Sasco 1.



**Figure M4.** Mean water temperature and mean dissolved oxygen of all sites on each sampling date in the Sasco Brook Watershed.

Dry Weather Inspection Results/Report

DRAFT



(Sample)

est  
= 350

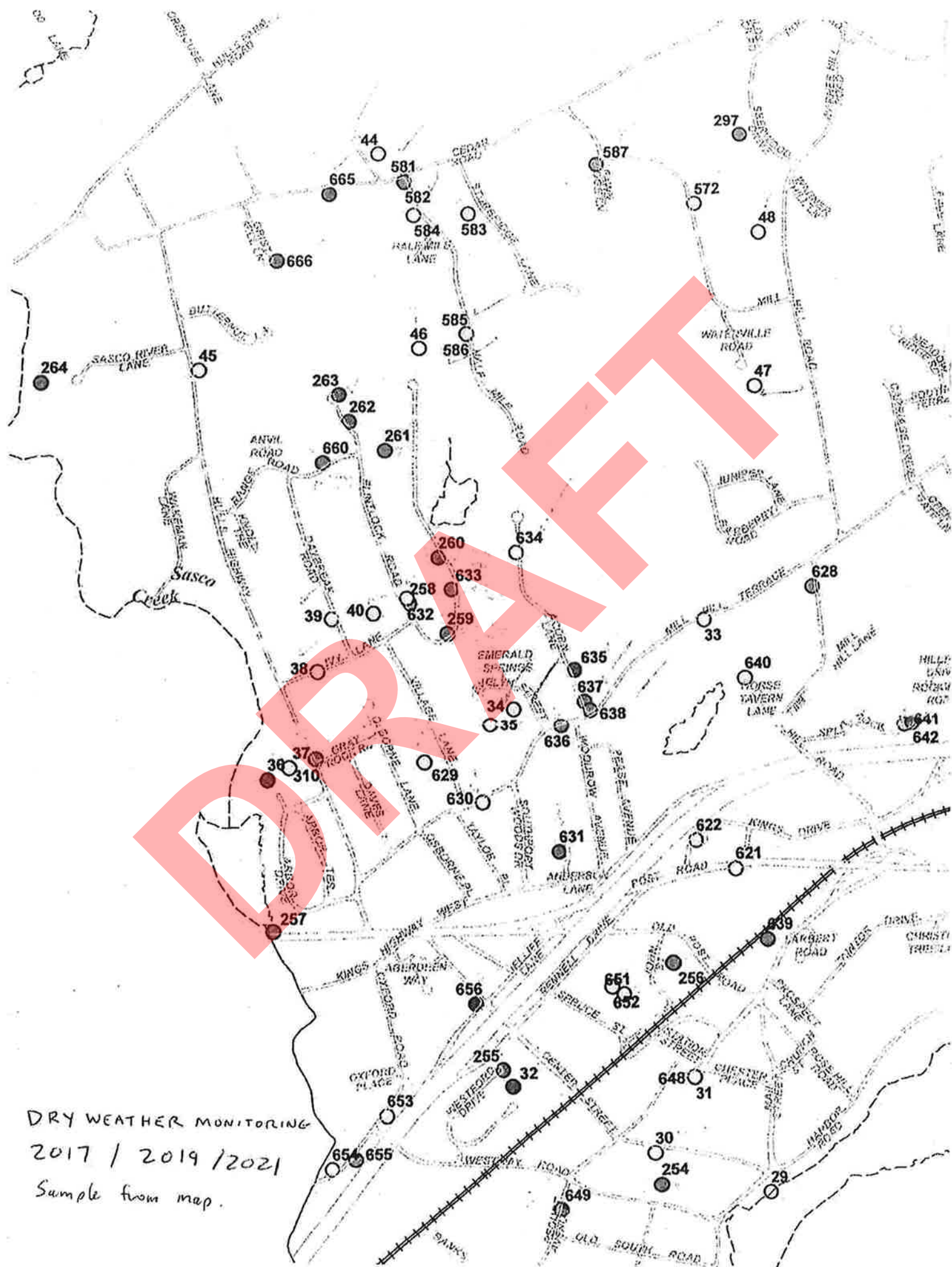
Since  
(2017)

outfalls

Inspected

#	Latitude	Longitude	Height	Num. Sct.	POOP	Date/Time	Duration (hr:mm:ss)	Correction	HV(D) Size	Type	Duration	Weather
1	41.1236053	-73.2566499	-26.0025839	7	2.02	2/3/2017 11:07	0:01:53	Uncorrected	n r 0 12"	Plastic	2 min	Overcast
2	41.11861344	-73.26256833	-28.51042311	11	1.33	2/2/2017 14:46	0:01:16	WAAS	n r 2 15"	Plastic	2 min	Overcast
3	41.1315285	-73.25023027	-13.30425516	8	2.31	2/8/2017 11:01	0:00:56	Uncorrected	n r 11 18"	Concrete	2 min	Clear
4	41.14437788	-73.23758443	-30.61919077	8	2.28	2/15/2017 9:52	0:01:08	WAAS	n r 17 48"	Metal	2 min	Overcast
5	41.18221922	-73.28673277	43.52457748	7	2.41	3/9/2017 9:02	0:00:52	Uncorrected	n r 289 36"	Plastic	2 min	Clear
6	41.15123439	-73.23641232	-24.6650233	9	1.61	2/15/2017 9:31	0:00:53	WAAS	n r 19 15"	Concrete	2 min	Overcast
7	41.18222297	-73.28676528	44.67985176	7	2.4	3/9/2017 9:03	0:00:40	Uncorrected	n r 290 36"	Plastic	2 min	Clear
8	41.15709477	-73.23707309	-24.63947796	7	2.16	2/15/2017 9:15	0:01:43	Uncorrected	n r 20 60"	Concrete	2 min	Overcast
9	41.1820399	-73.28723876	51.19759069	8	2.24	3/9/2017 9:06	0:00:44	Uncorrected	n r 1001 15"	Plastic	2 min	Clear
10	41.14752046	-73.27122441	-22.37766487	8	1.87	2/6/2017 12:05	0:00:50	WAAS	n r 50 12"	Concrete	2 min	Clear
11	41.18204299	-73.28724996	52.92339612	9	1.83	3/9/2017 9:07	0:00:44	Uncorrected	n r 459 15"	Concrete	2 min	Clear
12	41.15440832	-73.25216225	-15.92593371	10	1.62	2/8/2017 14:13	0:01:05	Uncorrected	n r 53 36"	Concrete	2 min	Clear
13	41.1802963	-73.28499122	33.04254033	9	1.79	3/9/2017 9:14	0:01:19	Uncorrected	n r 98 18"	Concrete	2 min	Clear
14	41.16733949	-73.22372283	-27.44272523	7	1.96	2/6/2017 10:19	0:00:59	WAAS	n r 54 72"	unknown	2 min	Clear
15	41.18024108	-73.28556768	32.60263229	10	1.69	3/9/2017 9:16	0:00:49	Uncorrected	n r 99 24"	Concrete	2 min	Clear
16	41.18158198	-73.21993004	-21.51561035	9	1.9	2/17/2017 9:55	0:00:44	Uncorrected	n r 81 60"	Metal	2 min	Clear
17	41.18027555	-73.2855698	37.45875335	10	1.69	3/9/2017 9:17	0:01:41	Uncorrected	n r 1002 12"	Concrete	2 min	Clear
18	41.18153058	-73.22693595	-5.08659323	8	2.21	2/17/2017 9:37	0:00:53	WAAS	n r 82 30"	Concrete	2 min	Clear
19	41.18010012	-73.28594051	31.26415444	10	1.67	3/9/2017 9:20	0:00:51	WAAS	n r 458 36"	Concrete	2 min	Clear
20	41.2051598	-73.22913467	10.40147984	8	2.38	2/21/2017 11:08	0:00:55	Uncorrected	n r 189 15"	Concrete	2 min	Clear
21	41.17975664	-73.28695655	29.33632648	8	2.05	3/9/2017 9:23	0:00:53	WAAS	n r 100 36"	Metal	2 min	Clear
22	41.19086966	-73.22301129	-6.72166491	8	1.84	2/17/2017 10:36	0:00:41	WAAS	n r 203 36"	Concrete	2 min	Clear
23	41.17486244	-73.28675701	24.23083212	9	1.95	3/9/2017 9:27	0:00:56	WAAS	n r 69 24"	Concrete	2 min	Clear
24	41.19092379	-73.2231505	-8.94571982	9	1.74	2/17/2017 10:38	0:00:42	WAAS	n r 204 36"	Concrete	2 min	Clear
25	41.17420222	-73.28475702	34.33457626	9	1.91	3/9/2017 9:29	0:02:32	WAAS	n r 70 15"	Concrete	2 min	Clear
26	41.2031825	-73.22935759	5.41493586	7	2.27	2/21/2017 10:51	0:00:36	WAAS	n r 205 36"	Concrete	2 min	Clear
27	41.17838841	-73.28057242	40.57147626	9	1.85	3/9/2017 9:35	0:01:39	WAAS	n r 453 24"	Concrete	2 min	Clear
28	41.19598921	-73.23208623	1.71322711	9	1.72	2/21/2017 10:28	0:00:38	WAAS	n r 206 24"	Metal	2 min	Clear
29	41.17838303	-73.28050596	41.53507333	9	1.84	3/9/2017 9:37	0:01:53	WAAS	n r 97 24"	Concrete	2 min	Clear
30	41.20445407	-73.2291432	4.32153261	7	2.39	2/21/2017 11:02	0:00:34	WAAS	n r 236 15"	Metal	2 min	Clear
31	41.18895628	-73.26031336	-9.31636975	8	2.26	3/9/2017 9:52	0:01:05	Uncorrected	n r 284 15"	Concrete	2 min	Clear
32	41.20568336	-73.22916058	4.98212215	8	2.4	2/21/2017 11:10	0:00:47	Uncorrected	n r 237 15"	Plastic	2 min	Clear
33	41.18790628	-73.26015138	-11.32244838	9	1.88	3/9/2017 10:02	0:00:46	Uncorrected	n r 285 15"	Concrete	2 min	Clear

Having issue with data retrieval from  
EPICollect 5 - info pending. See example next sheet



DRY WEATHER MONITORING

2017 / 2019 / 2021

Sample from map.



< Back

Delete entry 

Date

09/09/2019

ID No. 186



Time

11:06



Outfall Location

EPI COLLECTS DATA EXAMPLE

Latitude Not set yet

Longitude Not set yet



< Prev

Next >

## MS4 Outfall Inspection

### Notes

Jonathan Zebrowski, 15"  
concrete pipe from CB on  
Morehouse Road— needs to be  
cleaned out as leaves and soil  
have obstructed 50% of flow.

# Swirl Concentrator Inventory

Most recent update:

11/15/2015

<u>DATE</u>	<u>LOCATION</u>	<u>AMOUNT CLEANED</u>
9/8/2014	Arbor Drive	Not Cleaned
10/3/2014	Daybreak Road	55 gal
9/15/2014	DPW yard	1.5 yards
9/8/2014	Duck Farm Road	55 gal
9/5/2014	Ennis Lane	20 gal
9/8/2014	Evelyn Street	1.5 yards
9/8/2014	Flintlock Road (@ Ivy)	55 gal
9/5/2014	Flintlock Road #2	clean
9/9/2014	Fulling Mill	30 gal
9/9/2014	Gallop Hill Road (L)	3 yard
9/17/2014	Gallop Hill Road (R)	5 yard
9/23/2014	Green Cycle	6 yards
9/9/2014	Guiden Lane (Dry Well)	clean
	Hillside (@ Stone)	55 gal
	Horse Tavern	New
9/5/2014	Jennings Road	55 gal
9/17/2014	Metro Center #1	55 gal
	Metro Center #2	Clean
	Metro Center #3	Clean
	Metro Center #4	Clean
9/5/2014	Mill Hill Terrace	1.5 yards
9/23/2014	Mill Plain Road (Bridge)	6 yards
9/19/2014	Morehouse (N) (@ Canterbury)	6 yards
9/19/2014	Morehouse (S)	7 yards
9/10/2014	Norwegin Woods	110 gal
9/8/2014	Osborne Lane	25 gal
9/8/2014	Pansy Road	1 yard
9/23/2014	Patricia Lane	clean

9/23/2014	Sconset Drive	clean
9/24/2014	Sheerwood Farm #1	clean
9/24/2014	Sheerwood Farm #2	50 gal
9/24/2014	Sheerwood Farm #3	Inspected but did not clean due to wall in easement
10/3/2014	Southport Ridge	110 gal
9/16/2014	Stonewall Lane	25 gal
10/3/2014	Town Hall	110 gal

Σ = 335

<u>DATE</u>	<u>SCHOOL</u>	<u>AMOUNT CLEANED</u>
-------------	---------------	-----------------------

June to September 2015	Burr Street School #1	
	Burr Street School #2	
	Dwight School	
	Fairfield Warde Highschool #1 (Field)	
	Fairfield Warde Highschool #2 (Front)	
	Fairfield Woods Middle School	
	Ludlow Middle School #1	
	Ludlow Middle School #2	
	Ludlow Middle School #3	
	McKinley School #1	
	McKinley School #2	
	Mill Hill School	
	Riverfield School	
	Stratfield School #1	
	Stratfield School #2	
Stratfield School #3		
Tomlinson Middle School		

\*\*Town went with Calcium Chloride snow removal solution. Town uses sand only for emergency spills.

Σ = 52

Training

DRAFT





Town of Fairfield  
Department of Public Works  
Fairfield, CT 06824

Page \_\_\_\_ of \_\_\_\_

Training Subject: Storm Water Training

Agency/Group: DPW Highway

Date: 12-26-23

Employee Name	Signature	Badge Number
John DiTullio		99
Abelino Monteiro		46
Anthony Santos		21
Brian Buchanan		3
Manuel Rocha		47
Ron Shomsky		40
Kevin Moore		66
Tony T		9
Paul Totti		26
Matt Malton		11
Joe Kaczegowicz		28
Konstantino Stefanidis		16
Marcello Stalanga		
Joe Piccolo		4
Bob Lazar		50
Paulo Seara		73
Marc Thompson		23
Carlos Monteiro		

Instructor(s): George Kaczegowicz  
Signature(s):

No. of Hours: 1  
From: 7 AM to: 8 AM

MS 4

Sign In

12/22/23

**TOWN OF FAIRFIELD**  
**Water Pollution Control Facility**

John Bodie- Superintendent



- Chemist





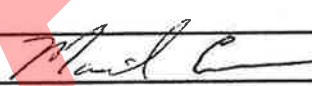

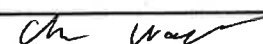


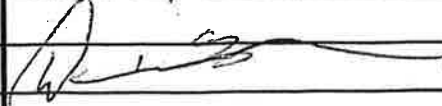
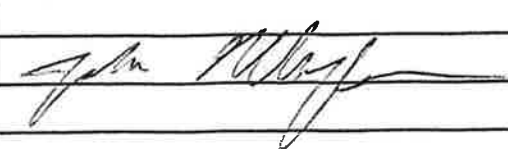
Ronald Wallace-Assistant Supt.



Christine Pacelli-Project Manager

Bronice Gage - Admin. Assist.

**DAILY WORK SCHEDULE ASSIGNMENTS**

<b>COLLECTION SYSTEM FOREMAN</b>	
1) Mark Ostrofsky	
<b>OPS FOREMAN</b>	
1) George Ciccone	
<b>OPERATORS</b>	
1) Steve Salvio	
2) Frank Culmone	
3)	
<b>LAB ASSISTANT</b>	
1) Marcial Cerna	
<b>ELECTRICIAN</b>	
1) Anthony Johnson	
1)	
<b>MAINTENANCE REPAIRMAN III</b>	
1) Jim Sullivan	
2) Chris Woods	
<b>MAINTENANCE REPAIRMAN II</b>	
1) Brian Trzcinski	
2) Matt Pellicano	
<b>LABORERS</b>	
1) Domenic Monteleone	
2)	
3) John Gallagher	

Storm water related permits

DRAFT

Application Date	Permit Date	Permit Number	Permit Type	Work Printkey / Address	MS4 Drainage Area Detained (sf)
11/9/2022	1/3/2023	EG-22-0243	Onsite Detention	73/151/A / 445 TAHMORE DRIVE	7000
12/20/2022	1/6/2023	EG-22-0285	Onsite Detention	182/308 / 111 PRATT STREET	6000
12/28/2022	1/10/2023	EG-22-0294	Onsite Detention	26/2 / 51 SKY TOP TERRACE	5500
1/19/2023	1/20/2023	EG-23-0009	Onsite Detention	179/268 / 256 STURGES ROAD	5500
1/19/2023	1/24/2023	EG-23-0010	Onsite Detention	249/2/J / 338 QUEENS GRANT ROAD	12000
12/20/2022	1/25/2023	EG-22-0282	Onsite Detention	28/584 / 39 BOND STREET	1000
1/18/2023	1/26/2023	EG-23-0006	Onsite Detention	77/184 / 148 ROSEVILLE STREET	8000
1/27/2023	1/27/2023	EG-23-0017	Onsite Detention	126/471 / 1454 NORTH BENSON ROAD	2000
1/27/2023	1/30/2023	EG-23-0016	Onsite Detention	171/1/A / 30 LAURELBROOK LANE	4500
1/20/2023	2/1/2023	EG-23-0012	Onsite Detention	44/17 / 186 WHITE OAK ROAD	550
1/30/2023	2/2/2023	EG-23-0018	Onsite Detention	76/305 / 100 MELODY LANE	1000
1/31/2023	2/6/2023	EG-23-0020	Onsite Detention	179/151 / 36 HENRY STREET	6500
2/1/2023	2/6/2023	EG-23-0021	Onsite Detention	232/101 / 1001 SOUTH PINE CREEK ROAD	10000
2/2/2023	2/6/2023	EG-23-0024	Onsite Detention	231/263 / 235 FAIRFIELD PLACE	6000
1/30/2023	2/6/2023	EG-23-0019	Onsite Detention	74/44 / 160 LUCILLE STREET NORTH	1000
1/19/2023	2/10/2023	EG-23-0007	Onsite Detention	232/85 / 723 SOUTH PINE CREEK ROAD	90000
2/9/2023	2/13/2023	EG-23-0028	Onsite Detention	182/203 / 82 ROWLAND ROAD	3000
1/10/2023	2/13/2023	EG-23-0004	Onsite Detention	229/109 / 220 HENDERSON ROAD	3000
1/20/2023	2/14/2023	EG-23-0011	Onsite Detention	138/106 / 11 NORCLIFF LANE	3500
2/14/2023	2/16/2023	EG-23-0030	Onsite Detention	139/280 / 107 NEWTON STREET	6300
2/15/2023	2/16/2023	EG-23-0031	Onsite Detention	177/186 / 879 BRONSON ROAD	2200
12/16/2022	2/17/2023	EG-22-0280	Onsite Detention	128/375 / 1685 JENNINGS ROAD	1800
2/17/2023	2/17/2023	EG-23-0032	Onsite Detention	42/80/A / 48 BERKELEY ROAD	3500



2/10/2023	2/17/2023	EG-23-0029	Onsite Detention	148/44/F / 115 DRAKE LANE	500
2/17/2023	2/21/2023	EG-23-0034	Onsite Detention	123/9 / 605 STILLSON ROAD	3200
12/27/2022	2/22/2023	EG-22-0291	Onsite Detention	182/490 / 229 ALDEN STREET	4000
2/22/2023	2/23/2023	EG-23-0036	Onsite Detention	143/180 / 20 OLD BARN ROAD	8000
5/31/2022	2/23/2023	EG-22-0048	Onsite Detention	139/445 / 340 BEACH ROAD	500
2/22/2023	2/23/2023	EG-23-0038	Onsite Detention	125/158 / 359 SZOST DRIVE	1000
11/10/2022	2/24/2023	EG-22-0244	Onsite Detention	182/845/A / 40 GOULD AVENUE	8500
2/27/2023	2/27/2023	EG-23-0040	Onsite Detention	76/277 / 263 KATONA DRIVE	5000
1/24/2023	3/2/2023	EG-23-0014	Onsite Detention	246/5/G / 809 CEDAR ROAD	4500
2/24/2023	3/2/2023	EG-23-0039	Onsite Detention	156/6/C / 490 SHRUB OAK LANE	1800
3/3/2023	3/3/2023	EG-23-0044	Onsite Detention	46/250 / 154 FERNCLIFF ROAD	800
3/3/2023	3/6/2023	EG-23-0042	Onsite Detention	126/63 / 847 JENNINGS ROAD	2000
3/2/2023	3/7/2023	EG-23-0041	Onsite Detention	73/187 / 637 WINNEPOGE DRIVE	2500
3/13/2023	3/14/2023	EG-23-0050	Onsite Detention	123/1 / 559 STILLSON ROAD	1200
3/15/2023	3/16/2023	EG-23-0053	Onsite Detention	165/13/C / 305 MISTY WOOD LANE	6500
3/15/2023	3/17/2023	EG-23-0054	Onsite Detention	180/55 / 190 SHERMAN STREET	500
1/19/2023	3/17/2023	EG-23-0008	Onsite Detention	232/85/A / 719 SOUTH PINE CREEK ROAD	9000
3/7/2023	3/20/2023	EG-23-0045	Onsite Detention	147/164/G / 1439 STILLSON ROAD	6000
3/20/2023	3/20/2023	EG-23-0058	Onsite Detention	232/162 / 888 OLDFIELD ROAD	22000
3/20/2023	3/21/2023	EG-23-0057	Onsite Detention	170/38 / 361 CROSS HIGHWAY	7800
3/27/2023	3/27/2023	EG-23-0063	Onsite Detention	214/16/A / 1176 WESTPORT TURNPIKE	55000
3/21/2023	3/27/2023	EG-23-0059	Onsite Detention	118/15 / 120 FLORENCE LANE	500
3/29/2023	3/29/2023	EG-23-0066	Onsite Detention	116/22 / 168 TANGLEWOOD LANE	500
3/24/2023	3/29/2023	EG-23-0061	Onsite Detention	138/228 / 593 ROWLAND ROAD	2200
3/24/2023	3/29/2023	EG-23-0062	Onsite Detention	130/149 / 101 TURNEY ROAD	3500
3/29/2023	3/31/2023	EG-23-0068	Onsite Detention	44/280 / 160 WARDE TERRACE	1700



3/28/2023	4/3/2023	EG-23-0065	Onsite Detention	143/49 / 83 SMEDLEY ROAD	3400
4/2/2023	4/3/2023	EG-23-0072	Onsite Detention	72/109 / 391 ROMANOCK ROAD	7200
3/31/2023	4/4/2023	EG-23-0071	Onsite Detention	228/19 / 857 BRONSON ROAD	2000
4/3/2023	4/4/2023	EG-23-0073	Onsite Detention	42/265 / 88 BLUE RIDGE ROAD	3500
4/6/2023	4/6/2023	EG-23-0078	Onsite Detention	30/436 / 1057 STRATFIELD ROAD	4500
4/1/2023	4/12/2023	EG-23-0081	Onsite Detention	243/226 / 960 MILL HILL TERRACE	3500
3/19/2023	4/12/2023	EG-23-0056	Onsite Detention	76/113 / 344 FARIST ROAD	500
4/13/2023	4/13/2023	EG-23-0082	Onsite Detention	145/48/B / 74 COLLEGE PARK DRIVE	800
4/13/2023	4/13/2023	EG-23-0083	Onsite Detention	241/145/A / 153 WILLOW STREET	11000
3/29/2023	4/14/2023	EG-23-0067	Onsite Detention	183/232 / 94 CUMMINGS AVENUE	500
4/7/2023	4/17/2023	EG-23-0079	Onsite Detention	182/90 / 228 ROWLAND ROAD	300
3/9/2023	4/17/2023	EG-23-0048	Onsite Detention	241/61 / 49 LARBERT ROAD	800
4/14/2023	4/19/2023	EG-23-0085	Onsite Detention	218/21 / 2713 REDDING ROAD	600
4/5/2023	4/19/2023	EG-23-0076	Onsite Detention	139/88 / 2 FERN STREET	1600
2/3/2023	4/20/2023	EG-23-0026	Onsite Detention	77/510 / 108 OAKWOOD DRIVE	10000
4/11/2023	4/20/2023	EG-23-0080	Onsite Detention	232/253 / 67 FLORA BOULEVARD	1000
4/19/2023	4/21/2023	EG-23-0090	Onsite Detention	234/247/A / 454 PINE CREEK AVENUE	4200
4/20/2023	4/21/2023	EG-23-0091	Onsite Detention	125/147 / 415 KATONA DRIVE	900
4/17/2023	4/21/2023	EG-23-0087	Onsite Detention	182/449 / 61 JAMES STREET	3000
4/24/2023	4/24/2023	EG-23-0097	Onsite Detention	28/428 / 69 STONELEIGH ROAD	600
4/4/2023	4/27/2023	EG-23-0074	Onsite Detention	73/173 / 393 WINNEPOGE DRIVE	800
4/28/2023	4/28/2023	EG-23-0103	Onsite Detention	141/3 / 106 OLD POST ROAD	2300
4/27/2023	5/1/2023	EG-23-0100	Onsite Detention	42/649 / 552 KNAPPS HIGHWAY	500
5/1/2023	5/2/2023	EG-23-0104	Curb	14/2 / 5545 PARK AVENUE	0
5/1/2023	5/2/2023	EG-23-0105	Sidewalk	14/2 / 5545 PARK AVENUE	0
5/2/2023	5/2/2023	EG-23-0106	Onsite Detention	229/194 / 668 BRONSON ROAD	1600

5/2/2023	5/3/2023	EG-23-0107	Onsite Detention	180/4 / 1038 OLD POST ROAD	1700
4/27/2023	5/5/2023	EG-23-0101	Onsite Detention	234/224 / 323 OLD DAM ROAD	1600
5/2/2023	5/5/2023	EG-23-0109	Onsite Detention	77/370 / 160 BOROSKEY ROAD	7500
5/9/2023	5/9/2023	EG-23-0116	Onsite Detention	180/178 / 155 GRANVILLE STREET	400
5/8/2023	5/10/2023	EG-23-0114	Onsite Detention	79/720 / 15 RENCHY STREET	500
5/8/2023	5/11/2023	EG-23-0115	Onsite Detention	180/116 / 226 RUANE STREET	800
5/14/2023	5/15/2023	EG-23-0120	Onsite Detention	47/332 / 50 BEVERLY LANE	5500
5/15/2023	5/16/2023	EG-23-0123	Onsite Detention	150/15/A / 910 BURR STREET	4500
5/5/2023	5/24/2023	EG-23-0112	Onsite Detention	228/52 / 768 MILL HILL TERRACE	4000
5/9/2023	5/24/2023	EG-23-0117	Onsite Detention	5/48 / 98 ROSEMERE AVENUE	1500
5/22/2023	5/24/2023	EG-23-0131	Onsite Detention	232/300 / 734 SASCO HILL ROAD	1500
3/13/2023	5/24/2023	EG-23-0051	Onsite Detention	231/170 / 82 LEE DRIVE	500
5/19/2023	5/25/2023	EG-23-0126	Onsite Detention	42/51/1A / 244 GREENFIELD STREET	5000
5/19/2023	5/25/2023	EG-23-0128	Onsite Detention	42/51/1A / 244 GREENFIELD STREET	5000
5/24/2023	5/25/2023	EG-23-0133	Onsite Detention	226/78 / 201 WHITES HILL LANE	2000
5/19/2023	6/5/2023	EG-23-0125	Onsite Detention	74/285 / 237 STEINER STREET	1000
6/2/2023	6/7/2023	EG-23-0142	Onsite Detention	155/42 / 2255 BURR STREET	1600
6/9/2023	6/12/2023	EG-23-0149	Onsite Detention	125/423 / 60 CENTERBROOK ROAD	2500
5/31/2023	6/13/2023	EG-23-0141	Onsite Detention	139/418 / 360 SOUTH BENSON ROAD	700
6/12/2023	6/14/2023	EG-23-0150	Onsite Detention	126/316 / 139 JENIFORD ROAD	400
6/5/2023	6/16/2023	EG-23-0143	Onsite Detention	229/56 / 60 TANTOR DRIVE	1600
6/16/2023	6/16/2023	EG-23-0156	Onsite Detention	47/324 / 75 ADLEY ROAD	400
6/19/2023	6/20/2023	EG-23-0157	Onsite Detention	145/84 / 1578 MILL PLAIN ROAD	600
6/14/2023	6/20/2023	EG-23-0151	Onsite Detention	165/33 / 35 FALLOW FIELD ROAD	1000
6/15/2023	6/21/2023	EG-23-0153	Onsite Detention	243/166 / 71 OSBORNE PLACE	8000
6/8/2023	6/21/2023	EG-23-0147	Onsite Detention	73/26 / 65 GLEN RIDGE ROAD	7500

6/16/2023	6/21/2023	EG-23-0154	Onsite Detention	138/18 / 118 MYREN STREET	6500
6/21/2023	6/23/2023	EG-23-0163	Onsite Detention	231/148 / 52 BEAUMONT PLACE	2200
6/29/2023	6/29/2023	EG-23-0172	Onsite Detention	147/56 / 102 MARGEMERE DRIVE	5500
6/7/2023	7/3/2023	EG-23-0145	Onsite Detention	179/123 / 79 HENRY STREET	800
6/30/2023	7/5/2023	EG-23-0173	Onsite Detention	77/424 / 205 ROSEVILLE TERRACE	850
7/3/2023	7/11/2023	EG-23-0175	Onsite Detention	182/137 / 206 MILLARD STREET	600
7/11/2023	7/11/2023	EG-23-0179	Onsite Detention	158/11 / 105 SHRUB OAK LANE	600
7/2/2023	7/11/2023	EG-23-0174	Onsite Detention	79/634 / 43 BIBBINS AVENUE	600
7/11/2023	7/13/2023	EG-23-0180	Onsite Detention	241/201/A / 560 PEQUOT AVENUE	1600
7/13/2023	7/13/2023	EG-23-0181	Onsite Detention	125/288 / 53 SLEEPY HOLLOW ROAD	2400
7/13/2023	7/13/2023	EG-23-0183	Onsite Detention	223/7 / 799 VERNA HILL ROAD	1100
7/14/2023	7/14/2023	EG-23-0182	Onsite Detention	239/3 / 893 SASCO HILL ROAD	55000
7/14/2023	7/21/2023	EG-23-0185	Onsite Detention	177/127 / 30 ROBERT COURT	7500
5/31/2023	7/24/2023	EG-23-0140	Onsite Detention	125/298 / 23 GREENBRIER CIRCLE	500
7/27/2023	7/27/2023	EG-23-0195	Onsite Detention	46/211 / 164 APPELGATE ROAD	2200
6/19/2023	7/27/2023	EG-23-0160	Onsite Detention	238/29 / 226 PINE CREEK AVENUE	4500
7/23/2023	7/28/2023	EG-23-0188	Onsite Detention	217/22/A / 206 CATAMOUNT ROAD	3300
7/24/2023	7/31/2023	EG-23-0189	Onsite Detention	231/14/A / 57 GENEVA TERRACE	500
7/26/2023	7/31/2023	EG-23-0194	Onsite Detention	177/201 / 15 WARNER HILL ROAD	5000
7/31/2023	7/31/2023	EG-23-0196	Onsite Detention	215/2 / 405 FALLOW FIELD ROAD	1100
6/26/2023	8/1/2023	EG-23-0168	Onsite Detention	47/214 / 111 GRANDVIEW ROAD	900
8/3/2023	8/3/2023	EG-23-0197	Onsite Detention	183/115 / 12 SANDY WAY	1600
8/3/2023	8/3/2023	EG-23-0198	Driveway Apron	183/115 / 12 SANDY WAY	0
8/3/2023	8/3/2023	EG-23-0199	Onsite Detention	182/96 / 288 ROWLAND ROAD	3600
8/4/2023	8/4/2023	EG-23-0202	Onsite Detention	139/256 / 365 SOUTH BENSON ROAD	800
6/22/2023	8/7/2023	EG-23-0165	Onsite Detention	130/207 / 208 SHOREHAM VILLAGE DRIVE	3500

8/9/2023	8/10/2023	EG-23-0206	Onsite Detention	138/176 / 624 PENFIELD ROAD	2200
6/20/2023	8/10/2023	EG-23-0162	Onsite Detention	14/80 / 318 TOLL HOUSE LANE	600
7/26/2023	8/11/2023	EG-23-0193	Onsite Detention	218/21 / 2713 REDDING ROAD	1200
12/14/2022	8/14/2023	EG-22-0277	Onsite Detention	139/149 / 236 PURITAN ROAD	7500
8/7/2023	8/14/2023	EG-23-0204	Onsite Detention	147/176/K / 45 HERSH ROAD	300
7/24/2023	8/15/2023	EG-23-0190	Onsite Detention	130/152 / 43 TURNEY ROAD	1500
8/10/2023	8/15/2023	EG-23-0208	Onsite Detention	153/24 / 1881 BURR STREET	300
8/16/2023	8/16/2023	EG-23-0214	Onsite Detention	285/1 / 936 KINGS HIGHWAY WEST	850
8/15/2023	8/17/2023	EG-23-0211	Onsite Detention	47/215 / 93 GRANDVIEW ROAD	400
8/16/2023	8/18/2023	EG-23-0215	Onsite Detention	130/199 / 294 SHOREHAM VILLAGE DRIVE	500
8/17/2023	8/18/2023	EG-23-0216	Onsite Detention	179/112 / 392 OLD MILL ROAD	3000
8/21/2023	8/21/2023	EG-23-0219	Onsite Detention	121/92 / 603 GALLOPING HILL ROAD	1200
8/21/2023	8/21/2023	EG-23-0220	Onsite Detention	77/1 / 1059 MERRITT STREET	400
8/18/2023	8/21/2023	EG-23-0217	Onsite Detention	72/103 / 490 ROMANOCK ROAD	7500
12/4/2022	8/21/2023	EG-22-0267	Onsite Detention	180/102 / 116 SHERMAN STREET	8000
8/23/2023	8/23/2023	EG-23-0225	Onsite Detention	79/302 / 528 BLACK ROCK TURNPIKE	10000
8/22/2023	8/23/2023	EG-23-0222	Onsite Detention	139/242 / 16 CLINTON STREET	3800
8/24/2023	8/24/2023	EG-23-0228	Onsite Detention	226/61 / 80 CEDAR ROAD	1400
8/24/2023	8/25/2023	EG-23-0227	Onsite Detention	77/350 / 145 OAKWOOD DRIVE	1000
8/25/2023	8/25/2023	EG-23-0229	Onsite Detention	143/160 / 1173 NORTH BENSON ROAD	15000
5/2/2023	8/25/2023	EG-23-0108	Onsite Detention	182/215 / 345 REEF ROAD	72000
8/23/2023	8/28/2023	EG-23-0226	Onsite Detention	72/44 / 251 WINNEPOGE DRIVE	800
8/7/2023	8/30/2023	EG-23-0203	Onsite Detention	228/10 / 510 MILL HILL ROAD	7500
8/28/2023	8/31/2023	EG-23-0230	Onsite Detention	174/40 / 812 HILLSIDE ROAD	6000
8/30/2023	8/31/2023	EG-23-0234	Onsite Detention	77/307 / 309 HUNYADI AVENUE	2200
8/31/2023	8/31/2023	EG-23-0235	Onsite Detention	77/16 / 205 STERLING STREET	400

5/29/2023	9/1/2023	EG-23-0136	Onsite Detention	232/202 / 368 SOUTH STREET	2000
8/31/2023	9/5/2023	EG-23-0237	Onsite Detention	249/4 / 660 SILVER SPRING ROAD	500
8/30/2023	9/6/2023	EG-23-0233	Onsite Detention	182/604/A / 920 OLD POST ROAD	2500
9/6/2023	9/7/2023	EG-23-0241	Onsite Detention	40/341 / 149 BEAVER STREET	700
8/25/2023	9/8/2023	EG-23-0213	Onsite Detention	77/217 / 36 CEDARHURST LANE	1600
9/7/2023	9/8/2023	EG-23-0245	Onsite Detention	241/145 / 968 HARBOR ROAD	700
9/6/2023	9/8/2023	EG-23-0240	Onsite Detention	139/388 / 222 SUNNIE HOLME DRIVE	900
8/31/2023	9/8/2023	EG-23-0238	Onsite Detention	171/43 / 1857 HILLSIDE ROAD	1000
9/11/2023	9/12/2023	EG-23-0248	Onsite Detention	231/438/A / 34 HARBOR ROAD	500
9/12/2023	9/13/2023	EG-23-0251	Onsite Detention	47/322 / 111 ADLEY ROAD	4500
9/13/2023	9/13/2023	EG-23-0252	Onsite Detention	73/57 / 2918 BLACK ROCK TURNPIKE	2000
9/14/2023	9/14/2023	EG-23-0254	Onsite Detention	254/45 / 80 STEWARD HILL CIRCLE	400
9/16/2023	9/19/2023	EG-23-0255	Onsite Detention	139/75 / 149 JUDSON ROAD	3000
9/8/2023	9/20/2023	EG-23-0247	Onsite Detention	177/34 / 137 DOREEN DRIVE	4000
9/18/2023	9/20/2023	EG-23-0258	Onsite Detention	118/34/B / 2405 CONGRESS STREET	2400
9/20/2023	9/20/2023	EG-23-0262	Onsite Detention	47/21 / 1749 STRATFIELD ROAD	200
9/11/2023	9/21/2023	EG-23-0249	Onsite Detention	74/326 / 3 OLD BLACK ROCK TURNPIKE	14000
9/18/2023	9/21/2023	EG-23-0257	Onsite Detention	182/342 / 277 CATHERINE TERRACE	1000
9/18/2023	9/21/2023	EG-23-0259	Onsite Detention	246/1/B / 54 BUTTERNUT LANE	4000
9/5/2023	9/22/2023	EG-23-0239	Onsite Detention	177/39 / 223 DOREEN DRIVE	2600
9/22/2023	9/25/2023	EG-23-0268	Onsite Detention	126/173 / 315 CRESTWOOD ROAD	700
9/25/2023	9/26/2023	EG-23-0269	Onsite Detention	231/6 / 106 WELCH TERRACE	1000
9/20/2023	9/27/2023	EG-23-0261	Onsite Detention	168/40/A / 60 BRETT ROAD	16000
7/25/2023	9/27/2023	EG-23-0191	Onsite Detention	147/294 / 175 ALMA DRIVE	3000
10/2/2023	10/2/2023	EG-23-0277	Onsite Detention	138/159 / 260 BIRCH ROAD	600
9/28/2023	10/3/2023	EG-23-0275	Onsite Detention	145/72/LL / 214 MAILANDS ROAD	1400



10/2/2023	10/3/2023	EG-23-0278	Onsite Detention	153/5 / 2710 CONGRESS STREET	1300
9/28/2023	10/6/2023	EG-23-0273	Onsite Detention	143/160 / 1073 NORTH BENSON ROAD	50000
9/21/2023	10/10/2023	EG-23-0263	Driveway Apron	31/202 / 447 STRATFIELD ROAD	0
9/21/2023	10/10/2023	EG-23-0264	Onsite Detention	31/202 / 447 STRATFIELD ROAD	6000
10/10/2023	10/17/2023	EG-23-0281	Onsite Detention	47/324 / 75 ADLEY ROAD	7000
10/18/2023	10/18/2023	EG-23-0286	Onsite Detention	182/705 / 51 NICHOLS STREET	2000
10/19/2023	10/19/2023	EG-23-0287	Onsite Detention	67/10/A / 600 HOYDENS LANE	1000
9/21/2023	10/20/2023	EG-23-0266	Onsite Detention	44/155 / 20 BLUEBERRY LANE	800
10/26/2023	10/26/2023	EG-23-0292	Onsite Detention	243/186 / 624 CENTER STREET	300
10/25/2023	10/31/2023	EG-23-0291	Onsite Detention	130/83 / 167 TURNEY ROAD	2700
9/6/2023	11/1/2023	EG-23-0242	Onsite Detention	152/22 / 32 HICKORY LANE	1900
10/27/2023	11/2/2023	EG-23-0297	Onsite Detention	254/49 / 30 QUAIL RUN CIRCLE	3200
10/19/2023	11/2/2023	EG-23-0288	Onsite Detention	232/301 / 702 SASCO HILL ROAD	1000
10/19/2023	11/2/2023	EG-23-0288	Onsite Detention	232/301 / 702 SASCO HILL ROAD	
11/2/2023	11/2/2023	EG-23-0299	Onsite Detention	167/15/A / 2800 REDDING ROAD	20000
11/3/2023	11/3/2023	EG-23-0302	Onsite Detention	182/438 / 211 JAMES STREET	4700
11/4/2023	11/6/2023	EG-23-0301	Onsite Detention	143/96 / 85 NOYES ROAD	400
9/28/2023	11/6/2023	EG-23-0274	Onsite Detention	228/19/A / 855 BRONSON ROAD	300
11/3/2023	11/7/2023	EG-23-0305	Onsite Detention	65/19 / 240 BLUE BELL LANE	500
10/23/2023	11/8/2023	EG-23-0289	Onsite Detention	281/35 / 1376 PEQUOT AVENUE	20000
11/2/2023	11/9/2023	EG-23-0300	Onsite Detention	125/376 / 195 MAYFAIR ROAD	1000
11/3/2023	11/9/2023	EG-23-0304	Onsite Detention	76/273 / 181 KATONA DRIVE	1600
11/13/2023	11/13/2023	EG-23-0310	Onsite Detention	13/4 / 118 JEFFERSON STREET	500
11/15/2023	11/15/2023	EG-23-0308	Onsite Detention	121/28/M / 220 SPRINGER ROAD	900
11/14/2023	11/17/2023	EG-23-0311	Onsite Detention	77/592 / 142 MORITZ PLACE	600
11/20/2023	11/20/2023	EG-23-0318	Onsite Detention	155/23 / 2001 BURR STREET	800

11/20/2023	11/20/2023	EG-23-0319	Onsite Detention	182/474 / 196 EASTLAWN STREET	2000
11/16/2023	11/27/2023	EG-23-0316	Onsite Detention	126/355/D / 1012 JENNINGS ROAD	400
11/27/2023	11/27/2023	EG-23-0325	Onsite Detention	148/39 / 140 MILL RIVER ROAD	500
11/20/2023	11/28/2023	EG-23-0321	Onsite Detention	176/26/D / 236 SHERWOOD FARM ROAD	2500
8/4/2023	11/30/2023	EG-23-0200	Onsite Detention	232/203 / 346 SOUTH STREET	3600
11/29/2023	12/6/2023	EG-23-0328	Onsite Detention	241/115/A / 141 CENTER STREET	4000
12/7/2023	12/7/2023	EG-23-0331	Onsite Detention	228/44 / 1022 MILL HILL ROAD	4000
11/16/2023	12/8/2023	EG-23-0315	Onsite Detention	239/7/F / 1173 SASCO HILL ROAD	48000
11/7/2023	12/14/2023	EG-23-0307	Onsite Detention	49/62 / 311 HARVESTER ROAD	1500
11/29/2023	12/21/2023	EG-23-0326	Onsite Detention	147/274 / 99 FOX RUN ROAD	1100
11/17/2023	12/26/2023	EG-23-0314	Onsite Detention	220/6 / 1597 REDDING ROAD	3800
12/26/2023	12/27/2023	EG-23-0336	Onsite Detention	74/326/A / 9 OLD BLACK ROCK TURNPIKE	8500

(Sample)

Illicit Discharge Complaints

DRAFT

example of  
correcting illicit discharge



## TOWN OF FAIRFIELD

William Hurley, P.E.  
Manager

Fairfield Connecticut 06824  
Engineering

Sullivan Independence Hall  
725 Old Post Road  
(203) 256-3010  
FAX (203) 256-3080

January 06, 2020

Alex ~~MARTIN~~  
Woodrow Avenue  
Fairfield CT, 06890

Dear Property Owner,

This is a notice regarding the discharging of water from your property into the public right of way. As a result of the water discharge icing conditions are occurring in the travel way of Woodrow Avenue. You may be liable for any damages or injury caused by this situation. Town regulation requires the property owner to contain all runoff on their own property.

Please contact Jonathan Zebrowski in our Engineering Department at 203-256-3015 to discuss your options in resolving this issue.

Cordially,

William Hurley, P.E.  
Engineering Manager

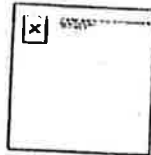
Original - outlet pipe at driveway and into street.  
Result - (mitigation) owner relocated pipe into drywell on side yard.  
redirected

Case closed

**Hurley, William**

**From:**  
**Sent:**  
**To:**  
**Subject:**

Town of Fairfield <webmaster@fairfieldct.org>  
Wednesday, January 02, 2019 11:22 AM  
Hurley, William  
Activity has been posted on Service Request #76393 (Other Sidewalk Issues) - Fairfield, CT



## Fairfield, CT

Activity was posted on service request ID 76393.

Activity Details	
<b>Date/Time</b>	1/2/2019 11:22 AM
<b>User</b>	jzebrowski
<b>Comments</b>	Spoke with property owner and met with police. Vehicles are being towed and fluid stains will be remediated.

Service Request Details	
<b>ID</b>	76393
<b>Date/Time</b>	12/31/2018 8:45 AM
<b>Type</b>	Other Sidewalk Issues
<b>Address</b>	911 POST ROAD, Fairfield
<b>Comments</b>	Steve Warren of Fairfield Shopping Center (Bob's) called to say sidewalks look great, however an orange truck and yellow back hoe with no markings on it has been parked in the lot for a while now without any movement. said it needs to be moved, especially because one of them is leaking oil/transmission fluid. he wanted to know if they were outside contractors trucks or the towns, told him I didn't know but that someone would call him to let him know. he said he would call the contractor himself if need be. Please call with status of getting these trucks moved from the parking lot.



**Hurley, William**

**From:** Town of Fairfield <servicerequest@fairfieldct.org>  
**Sent:** Tuesday, October 26, 2021 7:34 AM  
**To:** Hurley, William  
**Subject:** Service Request #111589 (Catch Basins) has been closed - Fairfield, CT



# Fairfield, CT

Service request ID 111589 has been closed by gkaczegowicz.

## Closing Details

**Date/Time** 10/26/2021 7:33 AM

User gkaczegowicz

**Comments** This was checked and a small amount of debris was in the basin .

## Service Request Details

**ID 111589**

**Date/Time** 9/21/2021 9:33 AM

## Type Catch Basins

**Address** 297 MILL PLAIN ROAD, Fairfield

**Comments** said the storm drain in front of his home has been giving off an odor. Please check out and let him know what can be done

## Submitter Information

**WHELAN, PATRICK**  
297 MILL PLAIN ROAD  
Fairfield, CT 06824  
860-833-5271

Reporting QAlert Administration

Search Requests

Q

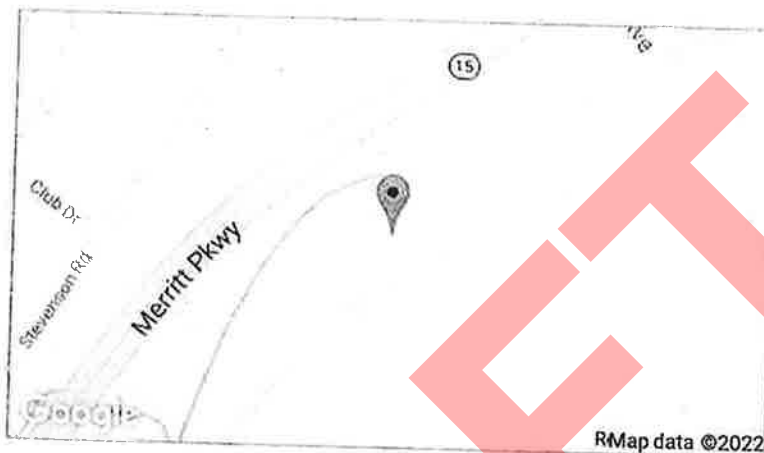
D	Request Type	Address	Create Date	Last Action	SU
15138	Drainage - Engineer	1881 BURR STREET Fairfield	1/12/2022	1/26/2022	CA
14158	Drainage - Engineer	328 NEPAS ROAD Fairfield	12/14/2021	12/28/2021	FE
12455	Drainage - Engineer	841 CEDAR ROAD Southport	10/15/2021	10/29/2021	GR
11752	Drainage - Engineer	26 GARDEN DRIVE Fairfield	9/24/2021	10/8/2021	SC
11751	Drainage - Engineer	272 FLEMING LANE Fairfield	9/24/2021	10/8/2021	SY
11525	Drainage - Engineer	395 HIGH RIDGE ROAD Fairfield	9/20/2021	10/4/2021	FE
11439	Drainage - Engineer	200 GALLOPING HILL ROAD Fairfield	9/16/2021	9/30/2021	BO
11436	Drainage - Engineer	935 HARBOR ROAD Southport	9/16/2021	9/30/2021	JUL
11316	Drainage - Engineer	327 WEEPING WILLOW LANE Fairfield	9/14/2021	9/28/2021	MA

# Service Request 111316

## Record Info

**Request ID:** 111316  
**Priority:** 2  
**Date Submitted:** 9/14/2021 10:39:00 AM  
**Address:** 327 WEeping WILLOW LANE  
Fairfield

**Request Type:** Drainage - Engineer  
**Entered By:** Knapolitano  
**Cross Street:**



**District:**

**Additional Info:**

**Comments:**

Concerned about drainage from Park Ave. One of the conditions for the approval of the new apartments was a drainage study, and he wants to make sure they are protected from water damage from the construction.

**Private Notes:**

## Submitter Info

**Name:** WEISS, MARSHALL S  
**Address:** 327 WEeping WILLOW LANE  
FAIRFIELD, CT 06825  
**Phone #:**  
**Alt. Phone #:**  
**Notify:** ☐

**Email:** weisstaxact@aol.com

## Activity List

**Date:** 9/14/2021 10:39:00 AM  
**User:** Knapolitano  
**Comments:** Service Request Open - ID 111316  
Routed To: DPW\_Admin, DPW\_Admin\_Garage, DPW\_Engineering  
Comments: Concerned about drainage from Park Ave. One of the conditions for the approval of the new apartments was a drainage study, and he wants to make sure they are protected from water damage from the construction.

---

**Date:** 9/28/2021 10:47:00 AM  
**User:** admin  
**Comments:** Notification of service request escalation sent to DPW\_Director

**Date:**

2/15/2022 3:09:00 PM

**User:**

whurley

**Comments:**

Service request printed by whurley

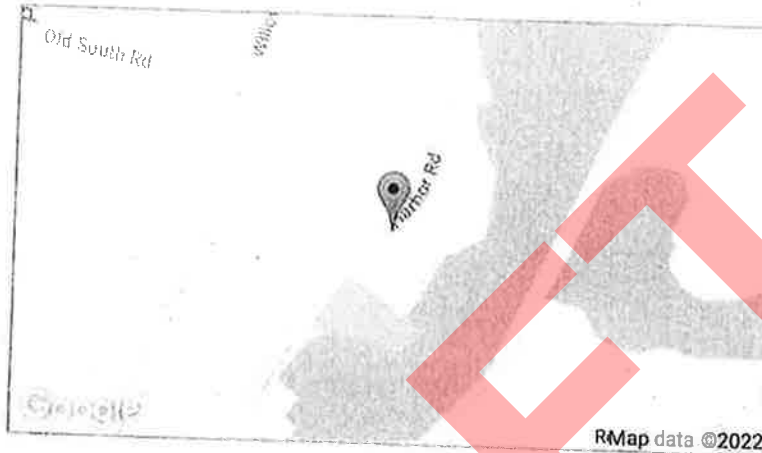
DRAFT

# Service Request 111436

## Record Info

**Request ID:** 111436  
**Priority:** 2  
**Date Submitted:** 9/16/2021 4:22:00 PM  
**Address:** 935 HARBOR ROAD  
Southport

**Request Type:** Drainage - Engineer  
**Entered By:** bgabriel  
**Cross Street:**



**District:**

**Additional Info:**

**Comments:**

Judy Urquhart called to report that the storm drain just beyond her home at 935 Harbor Road is full of leaves

**Private Notes:**

## Submitter Info

**Name:** URQUHART, JUDY  
**Address:** 935 HARBOR ROAD  
SOUTHPORT, CT  
**Phone #:** 203-259-2613  
**Alt. Phone #:**  
**Notify:** ☐

**Email:**  
**Extension:**

## Activity List

**Date:** 9/16/2021 4:22:00 PM  
**User:** bgabriel  
**Comments:** Service Request Open - ID 111436  
Routed To: DPW\_Admin, DPW\_Admin\_Garage, DPW\_Engineering  
Comments: Judy Urquhart called to report that the storm drain just beyond her home at 935 Harbor Road is full of leaves

---

**Date:** 9/30/2021 4:28:00 PM  
**User:** admin  
**Comments:** Notification of service request escalation sent to DPW\_Director

---

**Date:** 2/15/2022 3:09:00 PM  
**User:** whurley



Views

Request Types

Search Requests

Q

ID	Request Type	Address	Create Date	Last Action	Submitter	Priority
70009	Dirty	1004 REEF ROAD Fairfield	6/25/2018	7/2/2018	LINDA FERRANTE	2

4 Back

Colored

Dirty

Smell

Only 1 water quality issue reported through Q alert system.

# July 1, 2022 - December 31, 2022 Water Pollution/Spills

Date	Location / Information	Type	Category	Incident Type	Release Substance
7/6/2022	1 Rod Highway	Water Pollution	Transportation	Petroleum Incident	Hydraulic Oil
7/8/2022	I-95 South Exit 22, I-95 South Exit 22	Water Pollution	Transportation	Petroleum Incident	Diesel
7/18/2022	555 Turney Road, Fairfield, CT	Water Pollution	Transportation	Petroleum Incident	Motor Oil
7/21/2022	120 Merwins Lane	Water Pollution	Nature	Dielectric Fluid Incident	Transformer Oil
7/28/2022	975 Kings Highway	Water Pollution	Fixed Facility	Petroleum Incident	Gasoline
8/5/2022	145 Alma Drive	Water Pollution	Residential Petroleum Tank System	Petroleum Incident	#2 Fuel Oil
8/14/2022	412 Woodbridge Avenue	Water Pollution	Fixed Facility	Petroleum Incident	#2 Fuel Oil
8/18/2022	80 Ironside Road	Water Pollution	Utility pole with transformer	Dielectric Fluid Incident	Transformer Oil
8/23/2022	I-95 South service plaza	Water Pollution	Transportation	Petroleum Incident	Diesel
8/26/2022	95 sb prior to exit 23	Water Pollution	Transportation	Petroleum Incident	Diesel
8/26/2022	Interstate 95 North Fairfield Rest Area	Water Pollution	Transportation	Petroleum Incident	Diesel
8/30/2022	425 Half Mile Road	Water Pollution	Residential Petroleum Tank System	Petroleum Incident	#2 Fuel Oil
9/1/2022	429 Round Hill Road	Water Pollution	Residential Petroleum Tank System	Petroleum Incident	#2 Fuel Oil
9/9/2022	159 Fieldsrock road	Water Pollution	Residential Petroleum Tank System	Petroleum Incident	#2 Fuel Oil
9/14/2022	Long Island Sound	Water Pollution	Transportation	Petroleum Incident	Gasoline
9/14/2022	1209 Post Rd	Water Pollution	Fixed Facility	Petroleum Incident	#2 Fuel Oil
9/15/2022	I-95 South Rest Area	Water Pollution	Fixed Facility	Chemical Incident	Chlordane
9/30/2022	14 Stonybrook Road	Water Pollution	Residential Petroleum Tank System	Petroleum Incident	#2 Fuel Oil
10/3/2022	306 Woodside Circle	Water Pollution	Residential Petroleum Tank System	Petroleum Incident	#2 Fuel Oil
10/10/2022	4180 Black Rock Turnpike	Water Pollution	Transportation	Petroleum Incident	Gasoline
10/21/2022	2600 Post Rd	Water Pollution	Fixed Facility	Dielectric Fluid Incident	Transformer Oil
10/21/2022	319 Fairland Drive	Water Pollution	Residential Petroleum Tank System	Petroleum Incident	#2 Fuel Oil
10/24/2022	40 Ann Street	Water Pollution	Residential Petroleum Tank System	Petroleum Incident	#2 Fuel Oil
10/24/2022	59 Robin lane	Water Pollution	Transportation	Petroleum Incident	Motor Oil
10/25/2022	167 Rock Major Road	Water Pollution	Residential Petroleum Tank System	Petroleum Incident	#2 Fuel Oil
10/29/2022	Round Hill Road	Water Pollution	Fixed Facility	Sewage Incident	Sewage
11/15/2022	5 Greenlawn dr	Water Pollution	Residential Petroleum Tank System	Petroleum Incident	#2 Fuel Oil
12/9/2022	49 Old Farm Rd.	Water Pollution	Fixed Facility	Petroleum Incident	#2 Fuel Oil
12/13/2022	43 Mayflower Circle	Water Pollution	Residential Petroleum Tank System	Petroleum Incident	#2 Fuel Oil
12/19/2022	212 Coventry Lane	Water Pollution	Residential Petroleum Tank System	Petroleum Incident	#2 Fuel Oil
12/30/2022	324 Woodside Circle	Water Pollution	Fixed Facility	Petroleum Incident	#2 Fuel Oil

## Miscellaneous Information

DRAFT



## TOWN OF FAIRFIELD

Fairfield, Connecticut 06824  
W.P.C.A. / Sewer Office

FROM: JOHN CLANCY (CALL BEFORE YOU DIG)

TO: FIRE MARSHAL OFFICE, Jennifer Far

SUBJECT: C.B.Y.D., OIL TANK REMOVAL

DATE: 3/28/23

This list of intended removal of underground storage tanks with start dates of:

TANK REMOVAL INFORMATION		
MONTH	LOCATION	CONTRACTOR
3/14/2022	2031 Black Rock Turnpike	DEITZ Inc.
3/21/2022	129 Alberta St	ENVIROSHIELD INC.
3/21/2022	448 Ruane Street	ENVIROSHIELD INC.
3/25/2022	550 Commerce Drive	LIBERTY AUTO & ELECTRIC
4/1/2022	2405 Black Rock Turnpike	JOHN R. MORGAN, INC.
4/5/2022	128 Stonybrook Road	ENVIROSHIELD INC.
4/12/2022	126 Old Spring Road	KERIGANS FUEL INC.
4/26/2022	138 High Ridge Road	ABSOLUTE TANK TESTING, INC.
4/26/2022	290 Knollwood Drive	KERIGANS FUEL INC.
4/27/2022	243 Eastlawn Street	ENVIROSHIELD INC.
4/27/2022	92 Bibbins Ave.	ENVIROSHIELD INC.
4/28/2022	532 Fairfield Woods Road	COMPLETE TANK LLC
6/27/2022	248 Sunnieholme Drive	DR CHARLES ENVIRONMENTAL CONSTRUCTION
9/8/2022	612 Davis Road	KERIGANS FUEL INC.

This is the completed list for the months of *March, April, June* and *September* 2022. The start date is not necessarily the day they start to dig, it is ball park date. If you have any questions please give me a call at 203-256-3004 (Monday –Friday 8:30-10:30 am).

John Clancy  
W.P.C.A. / C.B.Y.D.