

Public Involvement & Participation

Appendix

City of Poquoson Annual Report

VAR# 040024

Fiscal Year 2023

Submitted to DEQ October 2nd, 2023

<u>BMP 2</u>	<u>PUBLIC INVOLVEMENT/PARTICIPATION</u>
2.1	SOP for Responding to Spills
2.2	See Public Participation Sheet listed under BMP 1.3
2.2	PY1 Planned Public Participation Activities

Updated MS4 Program Plan July 1, 2022 - June 30, 2023

2. Public Involvement/Participation							
BMP	BMP Description	Measurable Goals	Metric	Responsible Party	Timeline	Associated Documents	PY 5 Status
2.1	Public Involvement						
2.1a	Develop and implement procedures for public to report illicit discharges, spills, and other environmental concerns	Implement procedures	Procedures	SW Program Administrator & IT Department	PY1	Annual report	Compliant. Procedures developed in PY1 and revised in PY5. The public can contact the City using the information provided on the Stormwater Quality website (see 2.1c). See SOPs in Appendix
2.1b	Establish methods to receive, respond to, and document public input on the MS4 program	Establish methods	Methods and documentation	SW Program Administrator & IT Department	PY1	Annual report	Compliant. The permit, program plan, annual reports, and how to provide comments are posted on the City website (see 2.1c). The Engineering department tracks and documents comments. To date, no comments have been received.
2.1c	Establish a dedicated webpage for the MS4 program that includes: 1) the MS4 permit and coverage letter, 2) Program Plan, 3) annual reports, 4) a way to report illicit discharges, and 5) methods for how the public can provide input on the Program Plan	Establish a dedicated MS4 webpage	Presence of materials on dedicated MS4 webpage	SW Program Administrator & IT Department	Before 2/1/19	Annual report	Compliant. See https://www.ci.poquoson.va.us/278/Stormwater-Quality
2.2	Public Participation						
2.2a	Offer a minimum of four local activities per year from two or more categories in Table 2	activities held from public participation, education and restoration categories.	Activities offered	SW Program Administrator	Annually	Public Participation Spreadsheet in Appendix (see BMP 1.3)	Compliant. Spreadsheet is located in the Appendix

Updated MS4 Program Plan July 1, 2022 - June 30, 2023

2. Public Involvement/Participation							
BMP	BMP Description	Measurable Goals	Metric	Responsible Party	Timeline	Associated Documents	PY 5 Status
2.2b	Identify a metric for each public participation activity	Identify metrics	Examples include the weight of debris collected or number of participants	SW Program Administrator & activity sponsors	Annually	Public Participation Spreadsheet	Compliant. Spreadsheet is located in the Appendix
2.2c	Schedule of public participation activities	Document the anticipated time periods the activities will occur	Time periods documented	SW Program Administrator	Annually	Planned Public Participation Activities	Compliant. Spreadsheet is located in the Appendix
2.3	Evaluation and Assessment	Evaluate and assess whether the activities are beneficial to improving water quality.		SW Program Administrator	Annually	Annual report	Compliant. Permit requirements were met. City is providing more than required number of events.

Standard Operating Procedures for Responding to Spill Reports and Environmental Concerns

	<u>Standard Operating Procedure</u>
<u>Purpose</u>	In accordance with its MS4 permit, Poquoson must develop a standard operating procedure to react to reports of and mitigate to the maximum extent practicable illicit discharges into its stormwater system. These SOP's are intended to accomplish this goal.
<u>Scope</u>	Reacting to reports of and eliminating illicit discharges is the joint responsibility of all employees. All City departments will respond to reports of illicit discharges by notifying the proper authority in a timely manner.
<u>Notification and Tracking</u>	While several departments (listed below) are equipped to and routinely respond to reports of illicit discharges, City employees receiving reports of illicit discharges are to report all potential spills to the Environmental Compliance Officer (ECO) at 868-3040. Spills occurring within the City's drainage system can also be reported to the Public Works Department. The Environmental Compliance Officer will coordinate the response, first contacting the Public Works and Engineering Departments. In the event the Environmental Compliance Officer is not available, the Engineering Department will take the lead on coordinating the response. The ECO will keep records of and track the spill response and resolution.
<u>Investigation</u>	Upon receiving a report of a spill, the ECO will coordinate the City response, ensure the issue is addressed and arrange for a staff member to investigate the site within a business day. The Fire Department will be notified and take the lead on all spills 5 gallons or larger in size. The ECO will take the lead on E&SC, stormwater and CBPA violations. Public Works will take the lead on other issues impacting the flow, maintenance or condition of the City's drainage system. As spills often involve more than one department's area, Public Works, the ECO and Engineering will be copied on correspondence for all reports.
<u>Enforcement</u>	The legal authority for enforcement is located in the City Code Chapter 34 Article V. The ECO, in conjunction with the Engineering Department, shall have the option to coordinate with law enforcement and the City Attorney to charge the responsible party. The ECO will also have the option to issue a fine of up to \$1,000 a day for each day the violation took place or have the responsible party pay for all costs associated with monitoring, cleaning, and containment of the illicit discharge. If it is determined that no enforcement action needs to take place, a letter will be sent to the responsible party stating that the City reserves the right to use these enforcement actions on activities in the future should the responsible party commit another act.
<u>Fire Department</u>	Will respond to hazardous waste spills and spills of 5 gallons and larger. The FD will notify and file reports with the state EOC, which in turn will notify DEQ if warranted. The FD will follow its SOPs to place booms or other absorbent devices about the spill and to dispose of clean up materials properly. The status of clean up will be communicated to the ECO and the Engineering Department.

Standard Operating Procedures for Responding to Spill Reports and Environmental Concerns

<u>Public Works Employees</u>	Will respond to reports of spills, obstructions, and other discharges impacting the City's streets or drainage system. In the event the spill is potentially hazardous or is more than 5 gallons, PW will notify and coordinate with the FD. Public works employees will deploy their spill kit materials as needed to ensure the spill is contained and will dispose of all materials used in the appropriate container at the Public Works yard so that the items are properly disposed of. Public works will restore or will coordinate the repair and restoration of all damaged City infrastructure if work is performed by the party responsible for the spill. Public Works will track all expenses related to spill response. Public Works will communicate with and provide updates to the ECO and the Engineering Department.
<u>City Inspector</u>	The City Inspector or the designee of the City Inspector is a Public Works Employee and will take the lead in coordinating the Public Works response.
<u>Engineering Department</u>	The Engineering Department will assist by inspecting, notifying property owners or coordinating the response in the event the ECO is not available. The Department will consolidate spill information for inclusion in the annual MS4 permit report.

2.2 Permit Year 1 Possible Public Involvement Opportunities

<u>EVENT</u>	<u>SCHEDULE</u>	<u>METRIC</u>	<u>TABLE 2 CATEGORY</u>	<u>NOTES</u>
Poquoson Seafood Festival	Fall 2023; 3RD FULL WEEKEND IN OCTOBER	Attendance; number of giveaways	Educational	Poquoson has reserved the AskHRgreen trailer for the event and will use the trailer for environmental education.
Clean the Bay or Keep Poquoson Beautiful Volunteer Clean Up	Spring to early summer, near Earth Day	# Volunteers; amount of waste collected	Restoration	The annual Clean the Bay Day cleanup will go forward as planned in 2024. The City is also keeping the participation opportunity going by maintaining a "Keep Poquoson Beautiful" clean up kit in the library. Small groups can use the kit to perform smaller scale restoration events.
Household Hazardous Waste Collection Events	Quarterly	# Events	Collection/Disposal	Regional effort. At least one is held each year within Poquoson, and citizens are welcome to participate in events held in neighboring localities.
Bay Star Homes, Businesses and Pet Waste Stations Programs	throughout the year	# new homes and pet waste stations	Pollution Prevention	Ongoing participation opportunity for individual homes.
Library Education Programs	Throughout the year; primarily in the summer	Attendance	Educational	Ongoing.
Poquoson Adopt a Spot	Continuously	# groups participating	Restoration	Ongoing.

Developed in PY 1; expanded in PY2. The number of planned activities exceeds permit requirements. # actual PY1 activities is subject to change because of the pandemic, public safety, inclement weather and changes to regional program.

Illicit Discharge Detection and Elimination

Appendix

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Submitted to DEQ October 2nd, 2023

BMP 3	<u>ILLICIT DISCHARGE DETECTION AND ELIMINATION</u>
3.1	Service area & Outfall Map
3.1	MS4 Outfall Information Table (includes City-owned Water Quality BMPs)
3.1	Illicit Discharge Prohibition Ordinance
3.2	Dry weather screening protocol with prioritization/scheduling; Dry weather screening standard operation procedures
3.2	Summary of screenings table; typical dry weather monthly screening form
3.3	IDDE Procedures
3.3	Hazardous Waste Spill Procedures
3.3	IDDE Summary Table
3.3	Supplemental information for spill responses. This includes communications, Public Works forms, and Fire Department reporting forms
3.3	Utility Department Report: Sanitary Sewer System Improvements
3.4	Sanitary Sewer Overflow Reports: No sanitary sewer system spills this year (therefore no forms provided)

Updated MS4 Program Plan July 1, 2022 - June 30, 2023

3. Illicit Discharge Detection and Elimination							
BMP	BMP Description	Measurable Goals	Metric	Responsible Party	Timeline	Associated Documents	PY 5 Status
3.1	Storm Sewer System Map						
3.1a	MS4 service area map using the 2010 CUA	Maintain and update mapping	Updated Map	SW Program Administrator/IT Dept. (GIS)	Annually	Service area map	Compliant. No new outfalls this year. Outfall map provided in Appendix.
3.1b	MS4 outfall or point of discharge information table	Maintain and update table	Updated Table	SW Program Administrator/IT Dept. (GIS)	Annually	Information Table	Compliant. No new outfalls this year. Table included in Appendix
3.1c	Provide to DEQ a GIS-compatible shapefile of the MS4 map	Provide file	Provide to DEQ	SW Program Administrator/IT Dept. (GIS)	No later than 7/1/19	Shapefile	Compliant. Provided in PY1 prior to 7/1/19 in accordance with permit requirements

Updated MS4 Program Plan July 1, 2022 - June 30, 2023

3. Illicit Discharge Detection and Elimination							
BMP	BMP Description	Measurable Goals	Metric	Responsible Party	Timeline	Associated Documents	PY 5 Status
3.1d	New outfalls or recently approved TMDLs	Update map and table	Updated map and table	SW Program Administrator/ IT Dept. (GIS)	No later than October 1 each year, incorporate updates through June 30	Map and information table	Compliant. No new outfalls or recently approved TMDLs in PY5.
3.1e	Provide written notification to downstream MS4s	Identify and notify, in writing, any downstream adjacent MS4 of any known physical interconnection established or discovered after permit effective date.	Develop map, Regional Stormwater Workgroup Meetings, letters	SW Program Administrator	Annually	Letters; meeting attendance	Compliant. Poquoson is downstream of all other MS4s. VDOT owns the only upstream MS4. While the City has not been contacted by VDOT, we are aware of the system and have contact information for VDOT if needed.
3.1f	Prohibit illicit discharges through ordinance	Continue implementing and enforcing the illicit discharge/stormwater ordinance.	Current Ordinance	SW Program Administrator/ Fire Dept	As necessary	City Code Section 34-207, Phobition on non-stormwater discharges	Compliant. Relevant City code section is included in the Appendix.
3.2	Dry Weather Screening (DWS)						

Updated MS4 Program Plan July 1, 2022 - June 30, 2023

3. Illicit Discharge Detection and Elimination							
BMP	BMP Description	Measurable Goals	Metric	Responsible Party	Timeline	Associated Documents	PY 5 Status
3.2a	Maintain and implement dry weather screening protocol	Implement written dry weather field screening methodologies for IDDE. Track the outfall unique identifier, time since last precipitation event, estimated quantity of the last precipitation event, site description, whether a discharge was observed and if so, rate of discharge, and visual characteristics	Protocol	SW Program Administrator/ SW Inspector	Continuously	DWS Protocol	Compliant. See dry weather screening SOP in Appendix.
3.2b	Develop a prioritized schedule for field screening and the rationale for the prioritization	Implement the schedule and document the rationale	Schedule	SW Program Administrator/ SW Inspector	Annually	DWS Protocol	Compliant. FY 2024 plan is included in the Appendix

Updated MS4 Program Plan July 1, 2022 - June 30, 2023

3. Illicit Discharge Detection and Elimination							
BMP	BMP Description	Measurable Goals	Metric	Responsible Party	Timeline	Associated Documents	PY 5 Status
3.2c	Field testing & outfall reconnaissance inventory (ORI)	Perform dry weather screening of a minimum of 50 outfalls (or all if < 50 outfalls in MS4)	Documentation of screening performed and results	SW Program Administrator/ SW Inspector	Annually	Summary Spreadsheet and typical form provided in Appendix. In past years DEQ reviewers asked that we include the summary and sample form rather than all forms in report. All forms available upon request.	Compliant. Summary sheet and typical screening form included in the Appendix. City inspected 122 outfalls and over 80,000 linear feet of outfall ditching. Inspection included areas prioritized area selected in PY4
3.3	IDDE program implementation						
3.3a	Maintain and implement written procedures for IDDE	Implement written IDDE procedures	Procedures	SW Program Administrator	Continuously	Procedures	Compliant. Procedure included in Appendix.
3.3b	Public IDDE Reporting	Promote & publicize IDDE reporting	Presence of contact information on website	SW Program Administrator	Continuously	Locality website	Compliant. Information on how to report IDDE is available on the Poquoson Stormwater Quality website at https://www.ci.poquoson.va.us/278/Stormwater-Quality


Updated MS4 Program Plan July 1, 2022 - June 30, 2023

3. Illicit Discharge Detection and Elimination							
BMP	BMP Description	Measurable Goals	Metric	Responsible Party	Timeline	Associated Documents	PY 5 Status
3.3c	Prevent or minimize the discharge of hazardous substances and oil in the MS4 stormwater discharge.	Yard inspections; Develop/enhance reporting relationship with FD/Haz Mat Team; targeted education	Number of responses/ number of inspections	SW Program Administrator/ Fire Dept	Continuously	Fire Department and Inspection forms	Compliant. Example forms from responses this year and information about how the Fire Department handles illicit discharge is included in Appendix.
3.3d	IDDE activity tracking	Track illicit discharge detection and elimination activities.	Number of investigations and actions taken	SW Program Administrator/ Fire Dept	Ongoing	Illicit Discharge Response Summary	Compliant. See Appendix for summary spreadsheet.
3.3e	Continue Sanitary Sewer System improvements in coordination with SSO consent order	Continue to diagnose and correct deficiencies	Number of improvements	SW Program Administrator/ Public Utilities	Continuously	List of Improvements	Compliant. Improvements listed in Appendix.
3.4	Spill reporting						
3.4a	Report non sewer spills and releases from small MS4 operated properties that reach State waters to DEQ.	Report spills to the DEQ's Pollution Response Program (PREP), if applicable	Number of internal reports. If applicable, obtain PREP number.	SW Program Administrator/ Fire Dept	Continuously	Fire Department and Inspection forms	Compliant. See summary sheet and FD forms in Appendix.

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3. Illicit Discharge Detection and Elimination							
BMP	BMP Description	Measurable Goals	Metric	Responsible Party	Timeline	Associated Documents	PY 5 Status
3.4b	Report Sanitary Sewer Overflows through SSORS database.	Continue to utilize SSORS to report Sanitary Sewer Overflows	Number of overflows	Public Utilities Superintendent.	Continuously	List from SSORS	Compliant. No SSOs occurred in PY5.
3.5	Evaluation and Assessment	Evaluate and assess progress towards meeting measurable goals.		SW Program Administrator/ Fire Dept	Annually	Annual report	Compliant. The City exceeded dry weather screening requirements. Illicit discharges this year were a mix of car accidents, contractor violations, and boat leaks. Staff from Engineering, Community Development, and the Fire Department coordinate on these issues to respond to these situations quickly and adequately.







Outfall Type	VAHU6	HUC 12	Receiving Water	Impaired	Zone	Outfall ID	Impaired	Estimated Service Area (Ac)	Latitude	Longitude	Bay TMDL	Other TMDL		Predominant Land Use
												Latitude	Longitude	Bay TMDL
Ditch	CB21	20801080101	Poquoson River - Mouth	Yes	A	A001	Yes	7.60	37° 9' 33.541" N	76° 24' 3.124" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Roberts Creek - Upper	Yes	A	A002	Yes	1.64	37° 9' 28.286" N	76° 23' 53.346" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Roberts Creek - Upper	Yes	A	A003	Yes	3.53	37° 9' 27.547" N	76° 23' 51.928" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Roberts Creek - Upper	Yes	A	A004	Yes	3.84	37° 9' 26.055" N	76° 23' 49.998" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Poquoson River - Lower [DSS-OPEN]	Yes	A	A005	Yes	5.64	37° 9' 24.588" N	76° 24' 5.329" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Poquoson River - Lower [DSS-OPEN]	Yes	A	A006	Yes	8.12	37° 9' 22.303" N	76° 24' 7.024" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Roberts Creek - Lower	Yes	A	A007	Yes	2.43	37° 9' 21.321" N	76° 23' 27.070" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Roberts Creek - Upper	Yes	A	A008	Yes	4.59	37° 9' 21.206" N	76° 23' 57.651" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Poquoson River - Mouth	Yes	A	A009	Yes	2.78	37° 9' 20.528" N	76° 23' 8.322" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Roberts Creek - Upper	Yes	A	A010	Yes	2.07	37° 9' 20.029" N	76° 23' 51.188" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Unsegmented estuaries in Back River	Yes	A	A011	Yes	6.97	37° 9' 18.799" N	76° 23' 17.168" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Unsegmented Estuaries in Back River	Yes	A	A012	Yes	2.78	37° 9' 18.005" N	76° 23' 17.598" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Poquoson River - Lower [DSS-OPEN]	Yes	A	A013	Yes	2.45	37° 9' 16.387" N	76° 24' 20.259" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Poquoson River - Lower [DSS-OPEN]	Yes	A	A014	Yes	8.00	37° 9' 16.187" N	76° 24' 21.429" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Poquoson River - Mouth	Yes	A	A015	Yes	3.50	37° 9' 16.071" N	76° 23' 4.646" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Roberts Creek - Upper	Yes	A	A016	Yes	5.67	37° 9' 15.993" N	76° 23' 30.667" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Roberts Creek - Upper	Yes	A	A017	Yes	0.96	37° 9' 15.844" N	76° 23' 22.469" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Roberts Creek - Upper	Yes	A	A018	Yes	2.58	37° 9' 13.935" N	76° 23' 22.882" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Unsegmented estuaries in Back River	Yes	A	A019	Yes	0.78	37° 9' 12.784" N	76° 23' 0.339" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Roberts Creek - Upper	Yes	A	A020	Yes	1.58	37° 9' 12.211" N	76° 23' 17.612" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Poquoson River - Lower [DSS-OPEN]	Yes	A	A021	Yes	3.15	37° 9' 10.372" N	76° 24' 19.151" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Roberts Creek - Upper	Yes	A	A022	Yes	1.45	37° 9' 10.176" N	76° 23' 15.024" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Roberts Creek - Upper	Yes	A	A023	Yes	4.43	37° 9' 8.952" N	76° 23' 59.545" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Poquoson River - Lower [DSS-OPEN]	Yes	A	A024	Yes	1.21	37° 9' 7.995" N	76° 24' 14.327" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Lyons Creek - Upper Middle	Yes	A	A025	Yes	16.33	37° 9' 7.536" N	76° 23' 7.314" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Roberts Creek - Upper	Yes	A	A026	Yes	5.94	37° 9' 6.729" N	76° 23' 44.248" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Roberts Creek - Upper	Yes	A	A027	Yes	2.35	37° 9' 4.464" N	76° 23' 41.368" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Roberts Creek - Upper	Yes	A	A028	Yes	11.22	37° 9' 3.878" N	76° 23' 55.305" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Poquoson River - Lower [DSS-OPEN]	Yes	A	A029	Yes	1.90	37° 9' 3.582" N	76° 24' 25.246" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lyons Creek - Upper Middle	Yes	A	A030	Yes	7.05	37° 8' 59.122" N	76° 23' 15.224" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Roberts Creek - Upper	Yes	A	A031	Yes	7.96	37° 8' 58.235" N	76° 23' 36.584" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lyons Creek - Upper Middle	Yes	A	A032	Yes	5.95	37° 8' 57.332" N	76° 22' 58.309" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Roberts Creek - Upper	Yes	A	A033	Yes	4.97	37° 8' 57.145" N	76° 23' 47.497" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Roberts Creek - Upper	Yes	A	A034	Yes	35.25	37° 8' 54.054" N	76° 23' 52.238" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Roberts Creek - Upper	Yes	A	A035	Yes	1.80	37° 8' 54.024" N	76° 23' 52.197" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Roberts Creek - Upper	Yes	A	A036	Yes	6.47	37° 8' 51.139" N	76° 23' 35.796" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Roberts Creek - Upper	Yes	A	A037	Yes	5.26	37° 8' 50.504" N	76° 23' 27.345" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Lyons Creek - Upper Middle	Yes	A	A038	Yes	2.97	37° 8' 47.851" N	76° 23' 27.003" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Roberts Creek - Upper	Yes	A	A039	Yes	5.57	37° 8' 47.839" N	76° 23' 32.148" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Roberts Creek - Upper	Yes	A	A040	Yes	26.21	37° 8' 46.421" N	76° 23' 37.738" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lyons Creek - Lower	Yes	B	B001	Yes	1.84	37° 8' 59.405" N	76° 22' 33.410" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
BMP	CB21	20801080101	Lambs Creek - Poquoson River	Yes	B	B002	Yes	16.51	37° 8' 59.025" N	76° 24' 13.158" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Lambs Creek - Poquoson River	Yes	B	B003	Yes	2.16	37° 8' 56.320" N	76° 24' 33.488" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Lambs Creek - Poquoson River	Yes	B	B004	Yes	6.63	37° 8' 54.907" N	76° 24' 23.850" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lambs Creek - Poquoson River	Yes	B	B005	Yes	34.27	37° 8' 53.902" N	76° 24' 14.990" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Bennett Creek - Lower Middle	Yes	B	B006	Yes	8.06	37° 8' 51.578" N	76° 22' 31.678" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lambs Creek - Poquoson River	Yes	B	B007	Yes	9.32	37° 8' 48.353" N	76° 24' 30.981" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lyons Creek - Upper Middle	Yes	B	B008	Yes	0.53	37° 8' 48.500" N	76° 22' 56.941" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lambs Creek - Poquoson River	Yes	B	B009	Yes	4.31	37° 8' 48.20" N	76° 24' 33.086" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lyons Creek - Upper Middle	Yes	B	B010	Yes	1.13	37° 8' 46.829" N	76° 22' 58.987" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lyons Creek - Upper Middle	Yes	B	B011	Yes	7.31	37° 8' 46.592" N	76° 22' 53.086" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lambs Creek - Poquoson River	Yes	B	B012	Yes	1.20	37° 8' 46.169" N	76° 24' 39.048" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	White House Cove - Bennett Cr. Area	Yes	B	B013	Yes	1.74	37° 8' 45.142" N	76° 22' 32.294" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Lyons Creek - Upper Middle	Yes	B	B014	Yes	6.08	37° 8' 44.730" N	76° 22' 46.784" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Ditch	CB21	20801080101	Lambs Creek - Poquoson River	Yes	B	B015	Yes	20.08	37° 8' 44.013" N	76° 24' 30.506" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lyons Creek - Upper Middle	Yes	B	B016	Yes	1.74	37° 8' 43.532" N	76° 22' 15.259" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lyons Creek - Upper Middle	Yes	B	B017	Yes	2.23	37° 8' 42.873" N	76° 23' 2.111" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lyons Creek - Upper Middle	Yes	B	B018	Yes	5.23	37° 8' 41.356" N	76° 23' 16.940" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lambs Creek - Poquoson River	Yes	B	B019	Yes	2.51	37° 8' 40.369" N	76° 24' 26.801" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lyons Creek - Upper Middle	Yes	B	B020	Yes	4.48	37° 8' 40.210" N	76° 23' 19.520" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Pipe	CB21	20801080101	Lyons Creek - Upper Middle	Yes	B	B021	Yes	1.91	37° 8' 39.					

Pipe	CB24	20801080104	Unsegmented estuaries in Back River	Yes	G	G037	Yes	0.94	37° 6' 48.485" N	76° 20' 33.789" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018	Urbanized; no industrial; predominantly residential
Pipe	CB24	20801080104	Unsegmented estuaries in Back River	Yes	G	G038	Yes	0.19	37° 6' 46.386" N	76° 20' 32.739" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018	Urbanized; no industrial; predominantly residential
Pipe	CB24	20801080104	Unsegmented estuaries in Back River	Yes	G	G039	Yes	0.86	37° 6' 44.571" N	76° 20' 31.004" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018	Urbanized; no industrial; predominantly residential
Pipe	CB24	20801080104	Unsegmented estuaries in Back River	Yes	G	G040	Yes	0.40	37° 6' 41.691" N	76° 20' 29.100" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018	Urbanized; no industrial; predominantly residential
Pipe	CB24	20801080104	Front Cove - Upper	Yes	G	G041	Yes	4.45	37° 6' 39.547" N	76° 19' 14.512" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018	Urbanized; no industrial; predominantly residential
Pipe	CB24	20801080104	Unsegmented estuaries in Back River	Yes	G	G042	Yes	0.99	37° 6' 39.082" N	76° 20' 27.657" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018	Urbanized; no industrial; predominantly residential
Ditch	CB24	20801080104	Mainstem Back River	Yes	G	G043	Yes	0.65	37° 6' 36.029" N	76° 19' 19.456" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018	Urbanized; no industrial; predominantly residential
Pipe	CB24	20801080104	Mainstem Back River	Yes	G	G044	Yes	2.31	37° 6' 33.352" N	76° 19' 10.627" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018	Urbanized; no industrial; predominantly residential
Pipe	CB24	20801080104	Mainstem Back River	Yes	G	G045	Yes	1.08	37° 6' 30.568" N	76° 20' 23.358" W	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018	Urbanized; no industrial; predominantly residential

CITY OWNED BMPs

City-owned BMP Type	VAHUU	HUC 12	Receiving Water	Impaired	Zone	NAME	Estimated Service Area (Ac)	Estimated Impervious Area (Ac)	Latitude	Longitude	Bay TMDL	Other TMDL		Predominant Land Use
Wet Pond	CB21	20801080101	Bennett Creek - Upper (DSS_06-IR)	Yes	G	South Lawson Park Pond	16	2.297000000000	37.1249499	-76.35315853	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Constructed Wetland	CB22	20801080102	Northwest Br. Back River - Upper	Yes	G	City Hall Wetland	20	8.880000000000	37.12441521	-76.39738932	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential
Wet Pond	CB22	20801080102	Northwest Br. Back River - Upper	Yes	G	Library Pond	7	3.410000000000	37.12170898	-76.39790271	Yes	Fecal Coliform; approved by the SWCB Dec. 2017; by EPA FEB 2018		Urbanized; no industrial; predominantly residential

Sec. 34-207. Prohibitions on non-stormwater discharges.

- (a) It shall be a violation of this article to:
 - (1) Discharge, or cause or allow to be discharged, sewage, industrial wastes or other wastes into the storm sewer system, or any component thereof, or onto driveways, sidewalks, parking lots or other areas draining to the storm sewer system;
 - (2) Connect, or cause or allow to be connected, any sanitary sewer to the storm sewer system, including any sanitary sewer connected to the storm sewer system as of the date of adoption of this article;
 - (3) Throw, place or deposit or cause to be thrown, placed or deposited into the storm sewer system anything that impedes or interferes with the free flow of stormwater therein.
- (b) The following activities shall not be in violation of this article:
 - (1) Water line flushing;
 - (2) Landscape irrigation;
 - (3) Diverting stream flows or rising groundwater;
 - (4) Infiltration of uncontaminated groundwater;
 - (5) Public safety activities, including but not limited to, law enforcement and fire suppression;
 - (6) Well-point dewatering or pumping of uncontaminated ground water from potable water sources, foundation drains, irrigation waters, springs, or water from crawl spaces or footing drains;
 - (7) Air conditioning condensation;
 - (8) Watering and maintenance with landscaping chemicals in accordance with manufacturer's recommendations;
 - (9) Individual residential car washing;
 - (10) Flows from riparian habitats or wetlands;
 - (11) Swimming pool discharges that have been dechlorinated or are free of other disinfecting agents;
 - (12) Street washing;
 - (13) Any activity authorized by a valid Virginia Pollutant Discharge Elimination System (VPDES) permit or Virginia Pollution Abatement (VPA) permit; or
 - (14) Any other water source not containing sewage, industrial wastes or other wastes.
- (c) In the event any of the activities listed in subsection (b) above are found to cause sewage, industrial wastes or other wastes to be discharged into the storm sewer system, the administrator or his designee shall so notify the person performing such activities, and shall order that such activities be stopped or conducted in such a manner as to avoid the discharge of sewage, industrial wastes or other wastes into the storm sewer system. The failure to comply with such an order shall constitute a violation of the provisions of this article.

(Ord. No. 1489, § 2, 5-27-2014)

DRY WEATHER/ILLICIT DISCHARGE SCREENING PROTOCOL

<u>Purpose</u>	In accordance with its MS4 permit, Poquoson must develop a dry weather screening protocol to find and eliminate to the maximum extent practicable illicit discharges into its stormwater system. These SOP's are intended to accomplish this goal.
<u>Scope</u>	Dry weather screening is primarily conducted by Public Works and City Engineering employees. However, detecting and eliminating illicit discharges is the joint responsibility of all employees. City departments will incorporate good housekeeping measures and will notify the proper authority of suspected illicit discharges in a timely manner.
<u>Training</u>	In order to ensure all employees understand their responsibilities and required courses of action in the event of seeing or being informed of a possible illicit discharge, all department heads will be briefed on standard operating procedures at least once a permit cycle. Personnel charged with screening for, investigating or handling illicit discharges will be trained in accordance with MS4 permit requirements.
<u>Fire Department</u>	The Fire Department will respond to all reports of discharges of hazardous substances in accordance with DEQ requirements. Other City personnel shall notify the Fire Department if a hazardous discharge is suspected.
<u>Public Works Employees</u>	Public works employees serve as the front line of defense against and the primary screeners for illicit discharges. Poquoson is a low lying coastal community that routinely experiences flooding. Maintenance of the City's drainage system is a year-round, constant activity. All Public Works employees will be trained to identify, investigate and report illicit discharges. Those employees working in or near the drainage system will perform an initial screening of the entire length of the MS4 segment in which they are working prior to beginning work. The crew chief will fill out screening forms and report to the drainage supervisor. The drainage supervisor will keep all records and provide updates to the City Engineer. If a potential discharge is suspected, the crew chief will immediately follow the potential discharge to determine its source. If a source cannot be identified or if there are indicators that standing water in a ditch or pipe could be something other than groundwater or tidal water, the crew chief will notify the City Inspector and the City Engineer. The drainage supervisor will receive additional training on the importance of screening for and identifying illicit discharges, and will ensure his crews are properly trained.
<u>City Inspector</u>	The City Inspector will respond to all complaints of illicit discharges and follow up on any discharges identified by fellow employees. The City Inspector will initiate enforcement actions as needed; take samples of suspected discharges; and consult with the City Engineer and Environmental Compliance Officer.

Planned FY 2024 Inspections and Rationale

	<u>Priorities and Rationale</u>
General: Configuration of the City	Poquoson's primary land use is single family residential. There is a limited amount of commercial land uses supporting suburban living, such as restaurants and grocery stores. Most commercial land uses are located along Wythe Creek Road. There are a few marinas located outside the City's MS4 service area. There are no industrial land uses in the City. Over 99% of all homes are connected to public sewer. The City itself is configured into one concentrated, developed area surrounded on three sides by water and tidal wetlands.
History of Detecting Discharges	Adequate drainage and water flow is a key concern due to the community's low laying nature. In addition, the City has a strong focus on environmental issues. Due to these factors, as well as highly visible drainage systems, result in illicit discharges often being reported to the City as they are happening. Historically, that is how most large illicit discharges are detected and reported. Discharges that are discovered during inspections often tend to be discharges caused by common residential uses, such as yard waste, pet waste, motor oil, or cooking waste.
Areas of the City Where Illicit Discharges are most often found	Yard wastes, pool filter discharge lines, motor oil are typically found in the City's residential areas. Discharges tend to occur in open ditches as opposed to closed pipe systems. Commercial dumpsters are another source of possible illicit discharges. Prioritized areas are those portions of the system located downstream of dense residential development and outfalls of commercial areas. Outfalls located further downstream outside of the area easily accessed by residents are a lower priority. In addition to the MS4, the City should continue to monitor the Messick Point area, as this is an isolated area that has a history of chemical drop offs and frequent refuse.
FY 2024 Priorities	Public Works will continue to inspect outfalls in sub areas C, D, and E. C010 is downstream of a large ongoing construction project and should be inspected. E017 is also downstream of a large new construction site and should be inspected. Inspections will continue in the most populated areas of the City, with isolated and smaller outfall inspections occurring after the ones listed herein.
Additional Concerns	The 2023 Poquoson Seafood Festival is currently planned for October 2023. After the event is completed, the site will be inspected to make sure that proper cleanup has taken place. Note that this list of planned inspections is subject to change based on new construction, staffing, citizen input, pandemic related issues, and flooding concerns. If enough warning is given, be aware that staff members walk the entire drainage system prior to a hurricane.

Summary of Illicit Discharge and Dry Weather Screening Fiscal Year 2023

<u>Month</u>	<u>outfalls</u>	<u>length ditches, l.f.</u>	<u># outfalls</u>
Jul-22	A: 6a, 6b, 6c, 6d, 7, 7a, 9, 11, 12; B: 1, 1a, 2, 2a, 2b, 2c, 2d, 4, 5, 8c; C: 1a, 1d, 1e; E: 5e, 5f	16,695	24
Aug-22	B: 8, 11, 12, 13, 14, 15, 16, 17; E: 5b, 5d, 6, 7	3,414	12
Sep-22	C: 17, 18; E: 2e, 2f, 2g	1,054	5
Oct-22	C: 1a; F: 2a, 2b	1,769	3
Nov-22	E: 2d; F: 4a, 4b, 6, 6a; G: 5g	1,664	6
Dec-22	B: 8b, 8c; C: 9; E: 2e, 6; F: 6, 6a	12,115	7
Jan-23	C: 6, 6a, 7a, 9c; E: 2e, 2g, 5e	3,833	7
Feb-23	A: 5a, 5b, 11, 11a; B: 2b, 8c, 13; D: 3d, 8	7,088	9
Mar-23	B: 2a, 2c; C: 2c, 4, 5, 8; D: 7; E: 3b, 7; G: 1a	11,872	10
Apr-23	A: 1, 1c, 1d; C: 17, 18, 19, 20; E: 5e, 5f; G: 1d, 3n, 4, 4a	9,462	13
May-23	A: 2, 4, 5, 5b, 6, 7a; D: 3e; E: 5; F: 2a, 2b; G: 3b, 3c	4,802	12
Jun-23	A: 5a, 6b, 6c, 7, 9, 11, 11a; C: 2a, 2b, 2c; E: 2d, 2e, 2f, 2g	8,826	14
<u>total</u>		<u>82,594</u>	<u>122</u>

DRY WEATHER SCREENING
ILICIT DISCHARGE DETECTION DATA SHEET

Year <u>2023</u> <u>February</u>		DRY WEATHER SCREENING ILICIT DISCHARGE DETECTION DATA SHEET																															
Date		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th	21st	22nd	23rd	24th	25th	26th	27th	28th	29th	30th	31st	
Time		7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm	7am-3pm
Illicit Discharge		Illicit discharge found-address,information,pictures etc. Page # 2																															
PUBLIC WORKS I.D.NUMBER		*Check all city, clean leaves and debris as part of annual preventative maintenance & rain / storm events																															
SECTION		N/A	N/A	A	N/A	N/A	B	D	D	D	N/A	N/A	N/A	N/A	A	A	A	A	N/A	N/A	N/A	D	D	D	N/A	N/A	N/A	B	B				
DITCH		N/A	N/A	11/11a	N/A	N/A	2/B	3/D	3/D	3/D	N/A	N/A	N/A	N/A	5A/5B	5A/5B	5A/5B	5A/5B	N/A	N/A	N/A	8	8	8	N/A	N/A	N/A	13	8/C				
WEATHER :																																	
Rain- Warm-Cool- Snow		rain	rain	cool	N/A	N/A	cool	cool	cool	warm	rain	N/A	N/A	N/A	cool	warm	warm	rain	N/A	N/A	N/A	warm	warm	warm	warm	N/A	N/A	cool	warm				
Dry - Wind- Calm		wind	wind	wind	N/A	N/A	calm	calm	calm	dry	wind	N/A	N/A	N/A	calm	windy	calm	wind	N/A	N/A	N/A	dry	wind	wind	calm	N/A	N/A	dry	calm				
Sunny-Cloudy		cloudy	cloudy	sunny	N/A	N/A	sunny	sunny	sunny	cloudy	cloudy	N/A	N/A	N/A	sunny	sunny	cloudy	cloudy	N/A	N/A	N/A	cloudy	cloudy	sunny	sunny	N/A	N/A	sunny	sunny				
PAVED		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	450	N/A				
NON-PAVED		N/A	N/A	1295	N/A	N/A	800	250	250	N/A	N/A	N/A	N/A	N/A	773	773	773	773	N/A	N/A	N/A	520	520	520	N/A	N/A	N/A	N/A	3000				
TOTAL FEET		N/A	N/A	1295	N/A	N/A	800	250	250	N/A	N/A	N/A	N/A	N/A	773	773	773	773	N/A	N/A	N/A	520	520	520	N/A	N/A	N/A	N/A	450	3000			
CONDITION IS IT FILLED IN?		N/A	N/A	NO	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	N/A	NO	NO	NO	NO	N/A	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	NO	NO			
ILICIT DISCHARGE		N/A	N/A	NO	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	N/A	NO	NO	NO	NO	N/A	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	NO	NO				
ARE ANY PIPES OR DITCHES DUMPING SOMETHING OTHER THAN STORMWATER INTO DRAINAGE SYSTEM?																																	
YES - NO		N/A	N/A	NO	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	N/A	NO	NO	NO	NO	N/A	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	NO	NO			
IF YES , DESCRIBE WHAT YOU SAW AND ANY ACTION TAKEN:		N/A	N/A	NO	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	N/A	NO	NO	NO	NO	N/A	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	NO	NO			
PHYSICAL INDICATORS																																	
DID YOU NOTICE ANY UNUSUAL SMELLS?		N/A	N/A	NO	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	N/A	NO	NO	NO	NO	N/A	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	NO	NO			
SEWAGE		N/A	N/A	NO	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	N/A	NO	NO	NO	NO	N/A	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	NO	NO			
PETROLEUM		N/A	N/A	NO	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	N/A	NO	NO	NO	NO	N/A	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	NO	NO			
RANCID / SOUR		N/A	N/A	NO	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	N/A	NO	NO	NO	NO	N/A	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	NO	NO			
SULFUR (ROTTEN EGGS)		N/A	N/A	NO	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	N/A	NO	NO	NO	NO	N/A	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	NO	NO			
DID THE WATER HAVE UNUSUAL COLOR OR OILY SHEEN? IF SO,DESCRIBE:		N/A	N/A	NO	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	N/A	NO	NO	NO	NO	N/A	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	NO	NO			

WAS ANYTHING UNUSUAL FLOATING IN WATER? EX: TOILET PAPER, SUDS ETC.	N/A	N/A	NO	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	NO	NO	NO	NO	N/A	N/A	N/A	NO	NO	NO	N/A	N/A	NO	NO		
WAS ANYTHING UNUSUAL ABOUT THE VEGETATION?	N/A	N/A	NO	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	NO	NO	NO	NO	N/A	N/A	N/A	NO	NO	NO	N/A	N/A	NO	NO		
WAS THERE ANYTHING ELSE UNUSUAL IN THE AREA?	N/A	N/A	NO	N/A	N/A	NO	NO	NO	N/A	N/A	N/A	N/A	NO	NO	NO	NO	N/A	N/A	N/A	NO	NO	NO	N/A	N/A	NO	NO		

Standard Operating Procedures for Responding to Spill Reports and Environmental Concerns

	<u>Standard Operating Procedure</u>
<u>Purpose</u>	In accordance with its MS4 permit, Poquoson must develop a standard operating procedure to react to reports of and mitigate to the maximum extent practicable illicit discharges into its stormwater system. These SOP's are intended to accomplish this goal.
<u>Scope</u>	Reacting to reports of and eliminating illicit discharges is the joint responsibility of all employees. All City departments will respond to reports of illicit discharges by notifying the proper authority in a timely manner.
<u>Notification and Tracking</u>	While several departments (listed below) are equipped to and routinely respond to reports of illicit discharges, City employees receiving reports of illicit discharges are to report all potential spills to the Environmental Compliance Officer (ECO) at 868-3040. Spills occurring within the City's drainage system can also be reported to the Public Works Department. The Environmental Compliance Officer will coordinate the response, first contacting the Public Works and Engineering Departments. In the event the Environmental Compliance Officer is not available, the Engineering Department will take the lead on coordinating the response. The ECO will keep records of and track the spill response and resolution.
<u>Investigation</u>	Upon receiving a report of a spill, the ECO will coordinate the City response, ensure the issue is addressed and arrange for a staff member to investigate the site within a business day. The Fire Department will be notified and take the lead on all spills 5 gallons or larger in size. The ECO will take the lead on E&SC, stormwater and CBPA violations. Public Works will take the lead on other issues impacting the flow, maintenance or condition of the City's drainage system. As spills often involve more than one department's area, Public Works, the ECO and Engineering will be copied on correspondence for all reports.
<u>Enforcement</u>	The legal authority for enforcement is located in the City Code Chapter 34 Article V. The ECO, in conjunction with the Engineering Department, shall have the option to coordinate with law enforcement and the City Attorney to charge the responsible party. The ECO will also have the option to issue a fine of up to \$1,000 a day for each day the violation took place or have the responsible party pay for all costs associated with monitoring, cleaning, and containment of the illicit discharge. If it is determined that no enforcement action needs to take place, a letter will be sent to the responsible party stating that the City reserves the right to use these enforcement actions on activities in the future should the responsible party commit another act.
<u>Fire Department</u>	Will respond to hazardous waste spills and spills of 5 gallons and larger. The FD will notify and file reports with the state EOC, which in turn will notify DEQ if warranted. The FD will follow its SOPs to place booms or other absorbent devices about the spill and to dispose of clean up materials properly. The status of clean up will be communicated to the ECO and the Engineering Department.

Standard Operating Procedures for Responding to Spill Reports and Environmental Concerns

<u>Public Works Employees</u>	Will respond to reports of spills, obstructions, and other discharges impacting the City's streets or drainage system. In the event the spill is potentially hazardous or is more than 5 gallons, PW will notify and coordinate with the FD. Public works employees will deploy their spill kit materials as needed to ensure the spill is contained and will dispose of all materials used in the appropriate container at the Public Works yard so that the items are properly disposed of. Public works will restore or will coordinate the repair and restoration of all damaged City infrastructure if work is performed by the party responsible for the spill. Public Works will track all expenses related to spill response. Public Works will communicate with and provide updates to the ECO and the Engineering Department.
<u>City Inspector</u>	The City Inspector or the designee of the City Inspector is a Public Works Employee and will take the lead in coordinating the Public Works response.
<u>Engineering Department</u>	The Engineering Department will assist by inspecting, notifying property owners or coordinating the response in the event the ECO is not available. The Department will consolidate spill information for inclusion in the annual MS4 permit report.

Standard Operating Procedures Manual

City of Poquoson Fire and Rescue



City of Poquoson Fire and Rescue

830 Poquoson Ave.
Poquoson, VA 23662
757-868-3510
F757-868-3514

SPECIAL OPERATIONS

SOP#: SO 2.00

Title: Hazardous Materials Incident

Effective Date: 06/06/2008

Revised Date: 06/06/2008

Donald J. Abellour Jr.
Fire Chief's Signature

James P. Whelehan
City Manager's Signature

HAZARDOUS MATERIALS INCIDENTS

I. PURPOSE

This is to provide guidelines for engine company response to possible hazardous material incidents. Areas addressed within this guideline cover five general areas.

- Actions taken by the engine company upon receipt of and while en route to a possible hazardous materials incident.
- Actions to be taken by the engine company upon arrival at and while on the scene of a possible hazardous materials incident in transportation at fixed facilities.
- Proper response to roadway spills.
- The notification and possible response of the local Hazardous Materials Team.
- Emergency Decontamination of contaminated personnel.

This SOP is not all-inclusive and cannot encompass all situations that may be encountered.

II. APPLICATION

All Career and Volunteer Personnel

III. POLICY

Upon receipt of a call identifying a possible hazardous materials incident, the first responding officer should use the following guidelines to assist in the initial size-up of the incident.

1. Request all available information from the dispatcher.
 - Nature of the call
 - Who requested the Fire Department / number of calls
 - Type of facility or vehicle(s) involved
 - Number of injured persons, and any outward signs and symptoms.
 - Any specific chemicals, if known
2. Obtain wind speed and direction from the dispatcher.
3. Upon arrival
 - Determine that there is a problem
 - Look for signs of an intentional act; WMD
 - Isolate area of incident, deny entry.
 - **Refer to Emergency Response Guidebook for initial actions and isolation distances.**
 - Make notifications as soon as possible, example: Police, Haz-Mat team, Hospitals etc.

Fixed Site Incidents

SAFETY OF THE RESPONDING FIREFIGHTERS IS TO BE GIVEN FIRST CONSIDERATION BEFORE ANY ACTION IS UNDERTAKEN. (It is strongly suggested that the Incident Commander, advise all responding units to stage while an initial assessment is conducted.)

Apparatus should stage **UP-HILL-AND-UP-WIND** at a safe distance from the incident.

Establish Command and gather the following information:

- Locate the person who requested the Fire Department and verify the reason for requesting assistance.
- Attempt to determine the chemicals involved.
- Obtain all available information on the health hazards of the chemicals involved.
- Determine the quantity of chemicals involved.
- Gather all available information on the physical and chemical properties of the chemicals involved. Including if the chemicals react to other products/chemicals.
- Try to obtain MSDS sheets, Bill of Laden, Cargo Manifest or Shipping Papers on the chemicals involved.

Based upon the information gathered, determine if the Engine Company is capable of providing the actions required to **MITIGATE** the hazard.

Request the Hazardous Materials Team for specialized assistance if required.

Determine if evacuation is necessary.

Transportation Incidents

Establish command and gather information.

Attempt to locate the driver of the vehicle and ascertain what products are in the shipment.

Observe the vehicle from a safe distance noting trailer style and construction.

- Box trailer
- Tank trailer and shape of the tank

LOOK FOR PLACARDS, LABELS, U.N. / N.A. ID NUMBERS ON THE TANK AND RECORD THEM.

Look for leaks or spills.

- Amount of product that has spilled or leaked.
- Potential danger of entering waterways, storm sewers, or domestic systems

Determine the type and location of damage to vehicle.

Observe vapor production and direction of the vapor plume.

Attempt to obtain the Bill of Lading if it can be done SAFELY.

- Normally located in the pouch on the driver's door or on the driver's seat when the driver is away from the vehicle.
- If two trailers are being drawn in tandem (PIGGY-BACK) the Bill of Lading of the rear trailer may be locked in that trailer and unavailable.
- Intermodal tanks will have a tube secured to the tank with papers inside.

If the vehicle is involved in fire and has liquid or vapor products burning;

- DO NOT EXTINGUISH VALVE FIRES IF CONTAINER IS PRESSURIZED UNLESS THE LEAK CAN BE STOPPED IMMEDIATELY AFTER EXTINGUISHMENT. (Consider tank cooling to prevent B.L.E.V.E.)
- DO NOT ATTEMPT TO EXTINGUISH FIRES USING FOAM UNLESS ENOUGH FOAM IS AT THE INCIDENT TO SUCCESSFULLY EXTINGUISH THE FIRE.

Roadway Spills

For a small quantity fuel spill on the highways (defined as fuels in storage tanks designed for vehicle operation), spread control should be initiated as necessary to prevent contamination of surrounding waterways. City agencies may be requested as needed for

containment supplies. Because spill quantities should be limited (review above definition), debris can be removed from the scene and transported to the proper facility.

The department of Public Works can be called to the scene with a street sweeper and clean the roadway of any remnants.

Hazardous Materials Team

The Hazardous Materials Team shall be dispatched, by dispatch, during any of the following incidents:

- Any time an Incident Commander requires technical assistance concerning hazardous materials.
- When a hazardous materials incident requires evacuation of the general public or when the incident exposes a hospital, nursing home, school, and/or day care center.
- When personnel encounter products in excess of the following amounts:
 - Poisons - any amount
 - Radioactive - any amount
 - Organic Peroxides - any amount
 - Etiologic Agents (Biomedical materials) - any amount
 - Irritants - any amount
 - Explosives or Blasting Agents - any amount except set explosive devices
 - g) Flammable solids - any amount
 - Flammable Liquids - in excess of 50 gallons
 - Flammable Gases - any amount
 - Corrosives - any amount
 - Oxidizers - any amount
 - Chlorine/Ammonia - any amount
 - Combustible Liquids - in excess of 50 gallons
 - All confirmed Haz-Mat incidents
 - Petroleum spills - in excess of 50 gallons
 - Flammable spills which enter a storm drain or sewer system

Emergency Decontamination

The guidelines below are to be followed in those instances where the appropriate decontamination procedures cannot be followed for reasons of lack of manpower, lack of equipment, lack of time, etc. This technique to be used by the initial engine company, without the resources of the Hazardous Materials Team.

To facilitate this work, it is recommended that a pre-assembled Emergency DECON kit be carried having at least one brush, one bucket and some soap. Failing this, water should be used in copious amounts. A pumper or other water source is required.

The steps to be followed are:

- DECON area is identified.
- Brush off dry product.
- Remove all clothing.
- Thoroughly wash and rinse the victim with soap and water using a brush and not contacting the victim.

These steps should only take a few minutes. They may be altered as necessary.

Remember that speed is of the essence and that if time or equipment deficiency requires it, thorough washing with water is considered emergency decontamination.

Emergency decontamination is to be done rapidly, but effectively. This is very important to insure that there is no product migration from the incident site, so as not to contaminate the transport ambulance or receiving hospital.

If there is a question as to whether DECON is thorough, isolate decontaminated personnel until all doubts are answered.

Illicit Discharge Response Summary Table

Source of Illicit Discharge	Date observed, reported, or both	Was Discharge Discovered by Staff through Dry Weather Screening (DWS), Reported by the Public (RP), or by Other Means (OM)?	Investigation Resolution	Follow Up Activities	Date Investigation Was Closed	Did Spill Occur Within or Outfall into MS4?
Motor vehicle accident caused fluids to be leaked on to a public road.	10/20/2022	RP. The Fire department responded to a report of a car accident.	The Fire Department responded to the call and the spill was contained with oil dry.	Fire department cleaned up the spill and had a tow truck come and remove the crashed vehicle.	10/20/2022	Discharge did not reach the MS4 but occurred within the MS4 service area.
Contractor cleaned painting tools in residents yard and due to rain, contaminated runoff began flowing down the public road into the City drainage system.	12/7/2022	RP. The City staff and Fire department responded to a report of an illicit discharge at 18 Floyd Avenue.	The Fire Department and City staff responded to the call and placed an oil absorbent sock at the outfall to protect the waterway. Contractor agreed to use absorbent material and shop-vac to remove the contaminated water.	Fire Department and City staff conducted a follow up inspection the next day to ensure the cleanup had been completed.	12/8/2022	Discharge did reach MS4 and was cleaned up prior to outfalling into the waterway.
Boat at Marina appeared to be discharged oil into the water.	3/23/2023	RP. The Fire department responded to a report of a fuel spill at Whitehouse Cove Marina	The Fire Department responded to the call and investigated the area in order to find the source of the leak. It was determined to be diesel fuel leaking when the boat's bilge pump engaged. Fire Department gained access to the vehicle and shut down the pump. Fire then contacted VMRC and Newport News HAZMAT. Booms and pads were then used to clean up the area.	Once the oil was removed, the pads and booms were properly disposed of. The owner was then advised on proper cleanup and disposal procedures.	3/23/2023	Spill occurred in state waters and the relevant authorities were contacted.
Fuel spill at the Marina	6/4/2023	RP. The Fire department responded to a report of a fuel spill at Whitehouse Cove Marina	Fire Department responded to the call and placed a boom around the vessel.	Spill was less than 5 gallons. Contact was made with the owner of the boat and he was to investigate and fix his boat prior to future use.	6/4/2023	Spill occurred in state waters and the relevant authorities were contacted.



INCIDENT

Incident Number PF-2023-00000626	Incident Date 04/26/2023	NFIRS Number 0000293	Incident Type (410) - Combustible/flammable gas/liquid condition, other
FDID 73500	Station Station 2	Shift C-Shift	District
Initial Dispatch Code			
Alarms			
Working Fire? COVID-19 was a factor			
COVID-19 was a factor			
Critical Incident			
Critical Incident Team			
Temporary Resident Involvement			
Hazardous Materials Released (0) - Special HazMat actions required or spill >= 55 gal.			

Action Taken 1

(41) - Identify, analyze hazardous materials

Action Taken 2

(44) - Hazardous materials leak control & containment

Action Taken 3

(48) - Remove hazardous materials

AID

Aid Given/Received

(1) - Mutual aid received

Aided Agency

Their Incident Number

Aiding Agencies

LOCATION

Location Type

(1) - Street address

Address

105 RENS Road, Poquoson, Virginia, 23662

Cross Street, USNG, or Directions

Latitude

0.00000000

Longitude

0.00000000

Census Tract

Detector Alerted Occupant

Property Use

Mixed Use

(898) - Dock, marina, pier, wharf

⌚ TIMES

PSAP Received <u>16:53:41, 04/26/2023</u>	Dispatch Notified Time <u>16:53:41, 04/26/2023</u>	Alarm Time <u>16:53:41, 04/26/2023</u>
Arrival Time <u>17:02:14, 04/26/2023</u>	Water on Fire Time	At Patient Time
Loss Stop Time	Controlled Time	Last Unit Cleared Time <u>19:34:16, 04/26/2023</u>
Total On Scene Time <u>2 hrs 32 mins 2 sec</u>	Total Incident Time <u>2 hrs 40 mins 35 sec</u>	

👤 COUNTS

Counts Include Aid Received?

Yes

Suppression:

Apparatus 3 Personnel 6

EMS:

Apparatus 1 Personnel 2

Other:

Apparatus 3 Personnel 5

👤 PERSON/OWNER

Person:

Name

[REDACTED]

Business Name

[REDACTED]

Phone

[REDACTED]

Address

[REDACTED]

▢ AUTHORIZATION

Report Writer:

Name
RICE, GRANT

Employee Number
1333

Assignment
L2 Driver

Authorization Date
04/26/2023

Officer in Charge:

Name
ROSSI, ELIJAH

Employee Number
1177

Assignment
L2 Officer

Authorization Date
04/26/2023

Quality Control:

Name
ROSSI, ELIJAH

Authorization Date
04/28/2023

📝 INCIDENT NARRATIVE

L2 dispatched to fuel spill/leak at Whitehouse Cove Marina. On scene, L2 met with marina manager and taken to area of noted fluid. L2 noted what appeared to be diesel fuel in water along approx 3 boat slips. Fluid heaviest closest to docks, but noted that wind carried fluid outward and slight sheen noted toward cove. Investigating the source of the spill, L2 noted that a boat docked in location began spilling diesel from the hull, appearing to be released as the boat's bilge pump engaged. L2 and marina manager made contact with boat owner and gained access to vessel to shut off bilge pump. Boat owner advised he was en route to marina. L2 contacted Bat1, M2, E1 to respond to scene. L2, M2 further investigated source of fluid leak on boat and found source of the diesel leak appearing to be located along fuel filter. VMRC contacted for response for further investigation. On VMRC arrival, NN HAZMAT advised to respond. MAR1 utilized to gain closer to area surrounding heaviest amount of fluid, booms placed around perimeter of hazard to contain spill to current area. NN HAZMAT arrived and provided more absorbant booms and pads, pads placed over what appeared to be the most dense areas of diesel noted, monitored and replaced until majority of fluid absorbed. After sufficient amount of hazmat removed, booms and pads removed and properly disposed of. Vessel owner advised on cleanup and disposal procedures, all units cleared scene.

INCIDENT NARRATIVE

Created By: RICE, GRANT

Unit Reports

PMAR1

Use <u>(1) - Suppression</u>	Responding From	Priority <u>Non-Emergent</u>
Response Delays <u>None/No Delay</u>		
Dispatch Time <u>18:09:29, 04/26/2023</u>	Enroute Time <u>18:09:36, 04/26/2023</u>	Arrival Time <u>18:10:00, 04/26/2023</u>
At Patient Time <u>19:02:09, 04/26/2023</u>		
Actions Taken: <u>Hazardous materials spill control and confinement</u>		

Personnel

NICHOLAS ALLEN, DARRYL GRIFFITHS

Unit Narrative

PMAR1 utilized to gain access to area containing fluid spill and to place containment equipment for HAZMAT.

Created By: RICE, GRANT

PBAT1

Use <u>(0) - Other</u>	Responding From	Priority <u>Non-Emergent</u>
Response Delays <u>None/No Delay</u>		
Dispatch Time <u>17:54:50, 04/26/2023</u>	Enroute Time <u>17:54:51, 04/26/2023</u>	Arrival Time <u>17:54:52, 04/26/2023</u>
At Patient Time <u>19:26:29, 04/26/2023</u>		
Actions Taken: <u>Hazardous materials spill control and confinement, Incident command</u>		

Personnel

JOHN YOUNG

Unit Narrative

Bat1 took incident command and provided control and containment of hazmat.

Created By: RICE, GRANT

PE1

Use <u>(1) - Suppression</u>	Responding From	Priority <u>Non-Emergent</u>
---------------------------------	-----------------	---------------------------------

PE1

Response Delays

None/No Delay

Dispatch Time

17:51:35, 04/26/2023

Enroute Time

17:51:36, 04/26/2023

Arrival Time

17:57:22, 04/26/2023

At Patient Time

Clear Time

19:27:43, 04/26/2023

In District Time

Actions Taken:

Hazardous materials spill control and confinement

Personnel

NICHOLAS ALLEN, DARRYL GRIFFITHS**Unit Narrative****Personnel from E1 used Mar1 for containment and control of hazmat**

Created By: RICE, GRANT

PM2

Use

(2) - EMS

Responding From

Priority

Non-Emergent

Response Delays

None/No Delay

Dispatch Time

17:18:11, 04/26/2023

Enroute Time

17:18:14, 04/26/2023

Arrival Time

17:22:02, 04/26/2023

At Patient Time

Clear Time

19:34:16, 04/26/2023

In District Time

Actions Taken:

Identify, analyze hazardous materials, Hazardous materials spill control and confinement, Remove hazard

Personnel

COREY POWELL, CHARLES DOWNEY**Unit Narrative****Investigation and identification of hazmat, and provided control, containment and removal of hazmat**

Created By: RICE, GRANT

PL2

Use

(1) - Suppression

Responding From

Priority

Emergent

Response Delays

None/No Delay

Dispatch Time

16:56:43, 04/26/2023

Enroute Time

16:56:45, 04/26/2023

Arrival Time

17:02:14, 04/26/2023

At Patient Time

Clear Time

19:34:16, 04/26/2023

In District Time

PL2

Actions Taken:

Identify, analyze hazardous materials, Hazardous materials spill control and confinement, Remove hazard

Personnel

GRANT RICE, ELIJAH ROSSI**Unit Narrative**

L2 initially established incident command and made contact with marina management, investigated and identified source of fluid spill. Provided control, containment, and removal of hazmat.

Created By: RICE, GRANT

 Hazmat** HAZMAT INFO**

HazMat Disposition

Civ. Injuries

Civ. Deaths

(2) - Completed with fire service present

HazMat Action 1

(11) - Identify, analyze hazardous materials

HazMat Action 2

(13) - HazMat spill control and confinement

HazMat Action 3

(15) - Remove hazard or hazardous materials

HazMat Disposition

of Entries

Suit/PPE Level

 CHEMICALS

Chemical

Diesel fuel

CAS Number

UN Number

DOT Classification

1202

Amount Released

Container Type

20 Gallons

Capacity

State Released

Released Into

20 Gallons** RELEASE INFO**

Cause of Release

Released From

Story of Release

(2) - Unintentional release**(1) - Inside or on structure**

Population Density

Which Occured First

Area Affected

Area Evacuated

Buildings Evacuated

People Evacuated

 FACTORS

Release Factor 1

(54) - Other part failure, leak, or break

 MOBILE PROPERTY

Mobile Property Type

(45) - Personal water craft

Make

Model

Year

License Plate

State

DOT/ICC Number



INCIDENT

Incident Number PF-2022-00002063	Incident Date 12/07/2022	NFIRS Number 0001113	Incident Type (422) - Chemical spill or leak
FDID 73500	Station Station 1	Shift A-Shift	District
Initial Dispatch Code			
Alarms	Working Fire? No	COVID-19 was a factor No, COVID-19 was not a factor	Critical Incident
Critical Incident Team			
Temporary Resident Involvement			
Hazardous Materials Released			
Action Taken 1 (86) - Investigate			

AID

Aid Given/Received
(N) - None

LOCATION

Location Type			
(1) - Street address			
Address			
18 FLOYD Avenue, Poquoson, Virginia, 23662			
Cross Street, USNG, or Directions	Latitude 0.00000000	Longitude 0.00000000	Census Tract
Detector Alerted Occupant			
Property Use	Mixed Use		
(962) - Residential street, road or residential driveway			

TIMES

PSAP Received 15:52:53, 12/07/2022	Dispatch Notified Time 15:52:53, 12/07/2022	Alarm Time 15:52:53, 12/07/2022
Arrival Time 15:55:04, 12/07/2022	Water on Fire Time	At Patient Time
Loss Stop Time	Controlled Time	Last Unit Cleared Time 16:34:05, 12/07/2022

TIMES

Total On Scene Time
0 hrs 39 mins 1 sec

Total Incident Time
0 hrs 41 mins 12 sec

COUNTS

Counts Include Aid Received?

No

Suppression:

Apparatus 0

EMS:

Apparatus 0

Other:

Apparatus 1

Personnel 1

PERSON/OWNER

Owner:

Name



Business Name



Phone



Insurance Company



Total Insurance Amount



Address



Person:

Name



Business Name



Phone



Address



AUTHORIZATION

Report Writer:

Name

BREEDEN, JOSEPH

Employee Number

486

Assignment

BC-1

Authorization Date

12/07/2022

Officer in Charge:

Name

BREEDEN, JOSEPH

Employee Number

486

Assignment

BC-1

Authorization Date

12/07/2022

Quality Control:

Name

Authorization Date

INCIDENT NARRATIVE

Notified through Admin of a possible haz-mat situation in the area of 18 Floyd ave. Arrived to find City planning staff on scene investigating a report of paint in the storm drain. There was obvious discolored water flowing from 18 Floyd Ave. to the storm drain which leads into the wetlands. Made contact with homeowner who stated contractors were working on renovating the house may have cleaned painting tools in the yard. Contacted Todd Cannon with VDEM for guidance. He recommended that if the paint was water based latex to educate the contractor about proper disposal and have them make every attempt to clean up what was on the ground. When the contractor arrived I confirmed that it was latex and it was residue from washing out paint rollers. The contractor stated that it was unintentional and the extra runoff was due to earlier rain. Contractor stated he would use absorbent material and shop-vac to remove the material from the gutter and ditch. I performed a follow-up to ensure cleanup had been done. I found that the paint laden water had been removed and the gutter area looked clean. There was a slight sheen in the water remaining in the concrete outfall the goes to the wetlands. Unsure if the sheen is related to the spill as all gutters dump into the one concrete ditch.

 INCIDENT NARRATIVE

Created By: BREEDEN, JOSEPH

 Unit Reports

PBAT1

Use
(0) - Other

Responding From

Priority

Response Delays
None/No DelayDispatch Time
15:53:57, 12/07/2022Enroute Time
15:54:03, 12/07/2022Arrival Time
15:55:04, 12/07/2022At Patient Time
16:34:05, 12/07/2022Clear Time
16:34:05, 12/07/2022

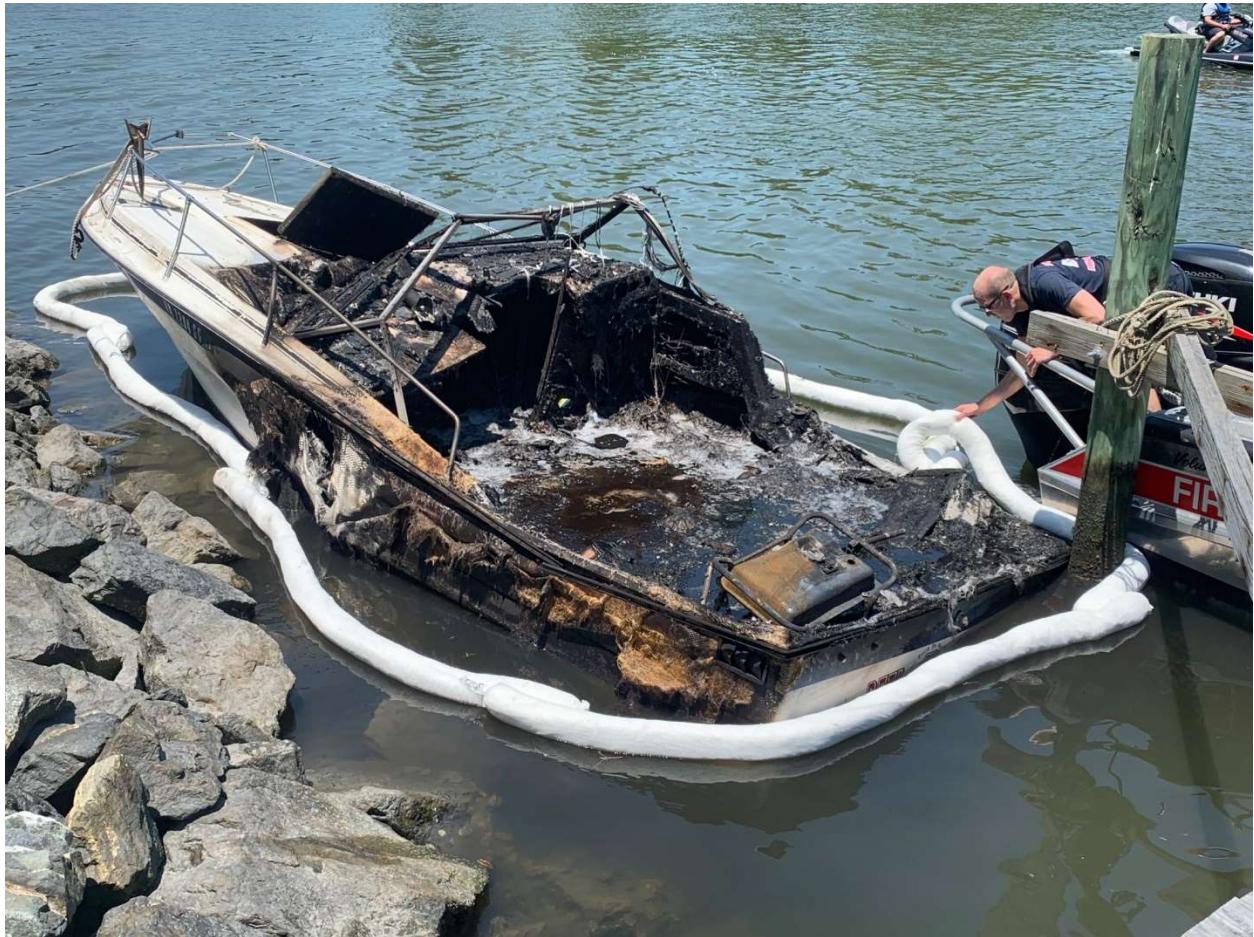
In District Time

Actions Taken:
InvestigatePersonnel
JOSEPH BREEDEN

FIRE DEPARTMENT MARINE SPILL RESPONSE



Poquoson Fire Department Air Boat: Used in regional training and used to respond and contain marine spills throughout the region. Poquoson was the first and may still be the only fire department with an air boat. This provides access to marshy areas throughout the area for emergency responses and spill containment.

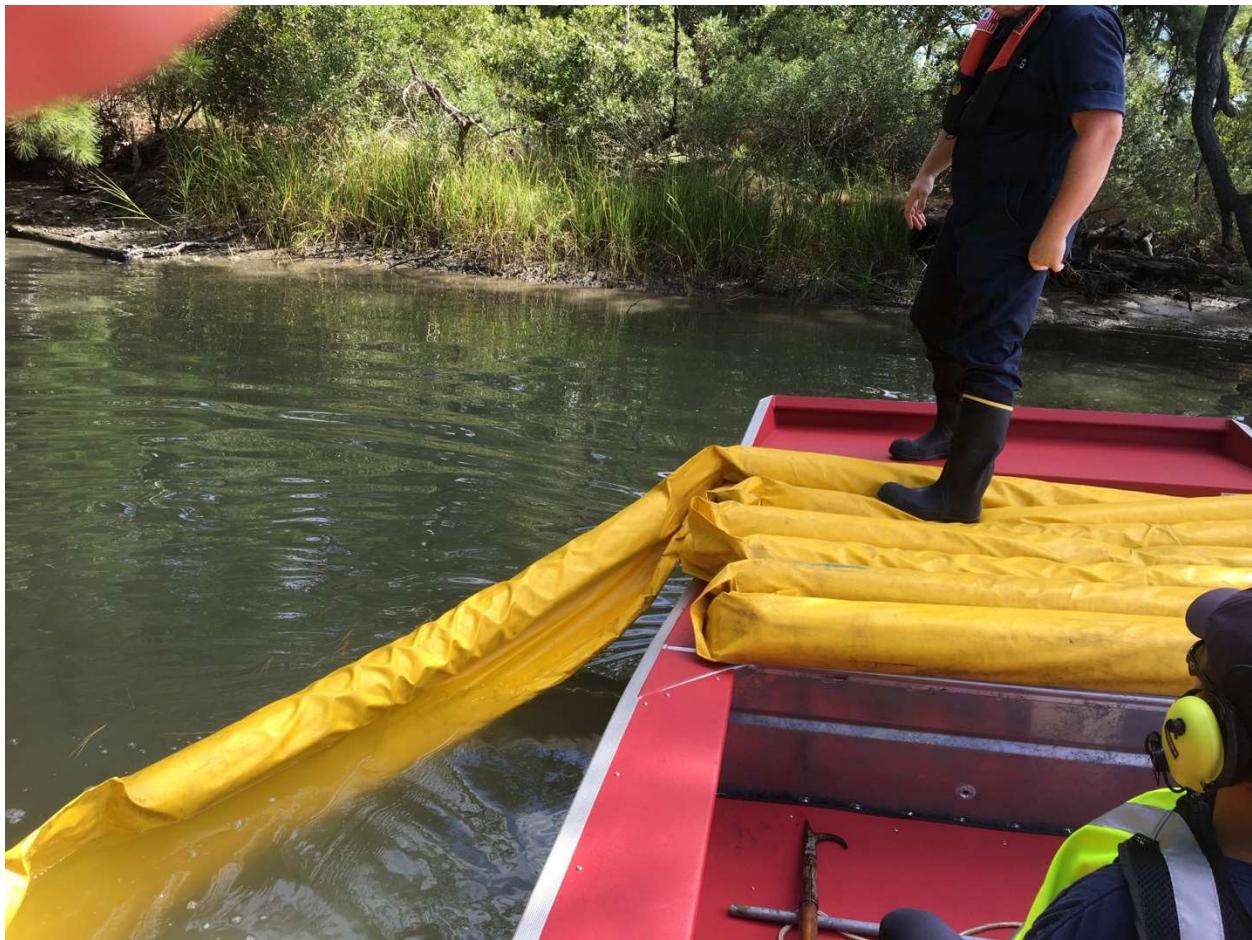


Boat Fire Response: Deploying boom from Fire Department boat to contain discharges



Regional Haz Mat Training: Partnering with VDEM and DEQ, Poquoson provided its Air Boat for regional marine spill training.





FISCAL YEAR 2023

City of Poquoson Sanitary Sewer System Overflow prevention, Training and Enhancements (FY-23)

SSO reports – None this year

Work that prevents overflows:

Back-up Generators- Quarterly maintenance and general repairs allowing the Station to have back-up power during outages on 28 pump stations throughout the City.

Sewer Line Flushing – cleans the line helping the flow, we have a Quarterly list (14 places in the City) and an Annual list (22 places in the City).

System Upgrades – safety, increase capacity, system reliability, reduction of maintenance, reduction in run times, replacement of older equipment

Sewer Main line & Sewer Lateral repairs

Sewer Line and Storm line Flushing at: 185 Little Florida (done every other month)
Rochambeau Dr (done every other month)
Triplex (done every other month)
209 Beach rd, ditch pipes (Jul 22)
53 Forrest, root cutting and flush (Jul 22)
City Hall parking lot drain pipes (Jul 22)
Triplex, root cut entire lateral, heavy grease (Aug 22)
Flushed storm drain pipes on Browns Neck (Aug 22)
11 Dorothy, root cutting and flush (Sep 22)
Municipal Drive storm drain flush (Sep 22)
48 Valmoore, root cutting and flush (Sep 22)
16 Whitehouse dr, root cutting and flush (Sep 22)
Brickhouse storm drain pipes flush (Sep 22)
6 Dorlie Cir root cutting and flush (Oct 22)
PRISM flushed main line on Messick (Oct 22)
Semi-Annual flush list (Oct 22)
Quarterly flush list (Oct 22)
Brickhouse storm drain pipes flush (Oct 22)
18 Hudgins, Tv'd and flushed (Nov 22)
Freeman Dr storm drain pipes flush (Nov 22)
Mason Lodge, Tv'd and flushed (Nov 22)
73 Lodge, TV'd and flushed (Nov 22)
Freeman Dr storm drain pipes flush (Dec 22)
Mr C's, TV'd and flushed (Dec 22)
760 Yorktown Rd (Dec 22)
Station 17 main line (Jan 23)
Quarterly flush list (Feb 23)
Semi-Annual flush list (Feb 23)
Ridge Rd storm drain pipes flush (Mar 23)
Emmaus Church flush pipes (Mar 23)
Far street storm drain pipes flush (Apr 23)
Cedar rd. storm drain pipes flush (Apr 23)
Ridge rd. storm drain pipes flush (Apr 23)

Control Panel work at:

Pump Station 17, replaced blown capacitor (Jul 22)
Pump Station 12, installed new phase monitor (Aug 22)
Pump Station 12, installed new transducer (Aug 22)
Pump Station 1A, installed new transducer (Sep 22)
Pump Station 13, recalibrated transducer (Oct 22)
Pump Station 13, installed new controller (Oct 22)
Pump Station 1, replaced breaker connection (Nov 22)
Pump Station 2A, replaced starter motors (Nov 22)
Pump Station 2A, replaced contactor Pump 2 (Nov 22)
Pump Station 14, replaced relay (Feb 23)
113 North Lawson, New Control box installed (Feb 23)
98 North Lawson, New Control box installed (Apr 23)

Major repairs at:

Pump Station 2E, Replaced check valve Pump 2 (Jul 22)
Pump Station 6, Installed rebuilt pump #2 (Aug 22)
Pump Station 17, installed new guide railing (Aug 22)
Pump Station 2C2, replaced impeller Pump 1 (Sep 22)
Pump Station 16, Installed new back up generator (Oct 22)
Pump Station 17, Installed new back up generator (Oct 22)
Pump Station 2G, replaced wear plate Pump 1 (Nov 22)
Pump Station 2H, replaced leaking radiator on Gen (Jan 23)
Pump Station 2H, replaced transducer (Feb 23)
Pump Station 2, removed and rebuilt Pump 3, installed (Apr 23)
Pump Station 6, Installed new transfer switch on gen (Jun 23)
Pump Station 2F, Installed new transfer switch on gen (Jun 23)
Pump Station 2D, Installed new transfer switch on gen (Jun 23)

Replacement of Grinder pumps:

113 N. Lawson Pump #2 (Feb 23)
113 N. Lawson Pump #1 (Feb 23)
98 N. Lawson Pump #2 (Apr 23)
14 N. Lawson (Jun 23)

Cleanout cap repairs or relocation of cap so they are not hit or damaged, adding Cleanout boxes

1 G. Maria (Sep 22)
11 Dorothy (Sep 22)
193 Odd Rd (Sep 22)
7 Wornom Farm (Sep 22)
132 Pasture (Sep 22)
190 Ridge Rd (Oct 22)
4 Trotters Bridge (Nov 22)
139 Laydon Way (Nov 22)
404 Joseph Topping (Nov 22)
21 Ridge Rd (Dec 22)
46 Pasture rd (Dec 22)
123 Freemoore (Dec 22)
8 Bannister ct (Dec 22)

6 Glen Moore (Dec 22)
101 Hudgins (Jan 23)
776 Poquoson Ave (Jan 23)
778 Poquoson Ave (Jan 23)
63 Hudgins (Jan 23)
85 Hudgins (Jan 23)
7 Gordon St (Jan 23)
27 Whitehouse Dr (Jan 23)
9 Terrace Dr (Jan 23)
20 Hudgins (Jan 23)
23 Hudgins (Jan 23)
77 Hudgins (Jan 23)
104 Hudgins (Jan 23)
110 Hudgins (Jan 23)
111 Hudgins (Jan 23)
112 Hudgins (Jan 23)
21 Lodge Rd (Jan 23)
4 Wornom Farm (Feb 23)
748 Poquoson Ave (Feb 23)
Surfs Up (Feb 23)
4 River Rd (Feb 23)
6 Lessies (Feb 23)
92 Lodge (Feb 23)
323 Little Florida (Mar 23)
722 Poquoson Ave (Apr 23)
90 Rens (Apr 23)
34 Langley (Apr 23)
66 Brown Neck (Jun 23)
329 Little Florida (Jun 23)
21 Jean Mar (Jun 23)
56 Odd (Jun 23)

Lateral or Main Line Repair at:

13 Evans Grove (Oct 22)
193 Cedar rd (Oct 22)
242 Wythe Creek, MEB hit and repaired (Nov 22)
Station 14 main line repair (Jan 23)
402 Joseph Topping, root ball and repair (Jan 23)
Station 13 main line repair (Mar 23)
12 Kathy, root ball and repair (Mar 23)
151 Cedar, root ball and repair (Apr 23)
26 Little Florida main line, root ball and flush (Apr 23)
16 Whitehouse, bad sweep replaced (Apr 23)