NORFOLK

Department of Public Works, Field Engineering & Environmental Management

September 20, 2017

Ms. Deanna Austin
Department of Environmental Quality
Tidewater Regional Office – Water Permits
5636 Southern Blvd.
Virginia Beach, VA 23462

RE: VPDES Permit VA0088650

Dear Ms. Austin:

Please find enclosed the FY17 VPDES Annual Report for the City of Norfolk, submitted in accordance with Part I.E of the above referenced MS4 Phase I permit.

If you have any questions or need additional information, please do not hesitate to contact June Whitehurst, Environmental Programs Manager of Environmental Storm Water Management, at (757) 823 – 4010.

Sincerely,

Richard Broad, PE
Director of Public Works

Enclosures

CERTIFICATION STATEMENT AND SIGNATORY REQUIREMENTS FOR MS4 PERMIT APPLICATIONS AND REPORTS

As required by 9VAC25-870-370 B, all reports required by state permits, and other information requested by the board shall, be signed by a responsible official or by a duly authorized representative of that person. A responsible official is:

1. For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for state permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;
2. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
3. For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a federal agency includes (i) the chief executive officer of the agency, or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

A person is a duly authorized representative only if:

1. The authorization is made in writing by a person described above;
2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. A duly authorized representative may thus be either a named individual or any individual occupying a named position; and
3. The written authorization is submitted to the department.

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Richard J Broad 9/20/2017

Responsible Official Signature Date

VA0088650 City of Norfolk

Permit Number MS4 Name

NORFOLK

Department of Public Works, Field Engineering & Environmental Management

August 16, 2017

Craig Nicol
Department of Environmental Quality
Tidewater Regional Office
5636 Southern Blvd.
Virginia Beach, VA 23462

RE: City of Norfolk, Duly Authorized Representative

Dear Mr. Nicol:

As the principal executive officer, I am approving Mr. Richard Broad, Director of Public Works to be designated as a "Duly Authorized Representative" for the City of Norfolk. This authorization will allow him to certify environmental regulatory correspondence such as reports, plans, permit applications and other supporting documentation on behalf of the City of Norfolk with regard to environmental compliance.

If you have any questions or need additional information, please do not hesitate to contact June Whitehurst, Environmental Programs Manager of Environmental Storm Water Management, at (757) 823 – 4005.

Sincerely,

Douglas L. Smith
City Manager

City of Norfolk Phase I MS4 Annual Report - Fiscal Year 2017
VA0088650

Permit Section	Specific Reporting Requirement and Result
Part I.A.2 (Permittee Responsibilities)	Each annual report shall include a current list of roles and responsibilities. • See MS4 Program Plan (approved via letter dated August 28, 2017) for a full list of roles and responsibilities. https://www.norfolk.gov/documentcenter/view/31602
	Each annual report shall include a list of those circumstances of non-compliance outside of the permittee's control. • NA – None during FY2017.
Part I.A.4 (MS4 Program Resources)	A copy of the fiscal year's budget including its proposed capital and operation and maintenance expenditures necessary to accomplish the activities required by this state permit shall be submitted with each annual report. • See Appendix 1 for all budget information.
Part I.A.6 (MS4 Program Plan)	Utilizing the last annual report prior to this state permit effective date as a baseline, no later than 12 months after the permit effective date, the permittee shall submit to the Department for review and approval an updated MS4 Program Plan to describe implementation of this MS4 Program and meet the conditions described in this section. • MS4 Program Plan was submitted to DEQ June 28, 2017 and approved via letter dated August 28, 2017. https://www.norfolk.gov/documentcenter/view/31602
	Upon development, the most recent MS4 Program Plan shall be posted on the permittee's website, and/or provided in another location easily accessible to the public. • https://www.norfolk.gov/documentcenter/view/31602
Part I.A.7.b (MS4 Program Updates Requested by the Department)	All modifications and proposed modifications shall be reported in accordance with this section of the permit. • No modifications at this time. MS4 Program Plan approved via letter dated August 28, 2017.
Part I.B.1 (Planning)	No later than 12 months after the permit effective date, the permittee shall provide the stormwater management project summary sheet. At a minimum, the permittee shall include the following for each project in the summary: type of project or BMP, number of acres which the BMP treats, impervious and pervious acreage treated by the potential project, condition of the downstream channel, amount of total pollutant reduction, feasibility for implementation, and estimated cost of implementation. The summary shall include a prioritized list of the identified projects for consideration of implementation. • Project summary sheet was submitted to DEQ for review 6/28/2017.
	Each annual report shall include an updated project summary sheet. • See Appendix 2.
	Each annual report shall include a current web link to the project status page. • https://www.norfolk.gov/DocumentCenter/View/27619
	Each annual report shall include a status update for those water quality projects for which implementation or construction occurred during the reporting year. • See Appendix 2. https://www.norfolk.gov/DocumentCenter/View/27619
Part I.B.2.a (Construction Site Runoff & Post Construction from Areas of New	Each annual report shall contain the number of regulated land disturbing activities approved and the total number of acres disturbed. • A total of 82 land disturbing activities were approved, for a total of 167.9 disturbed acres.
	Each annual report shall contain the number of land disturbing activity inspections conducted and the number and type of each enforcement action taken.

<table>
<tr><th>Permit Section</th><th>Specific Reporting Requirement and Result</th></tr>
<tr><td rowspan="3">Development & Development on Prior Developed Lands)</td><td>• A total of 4115 Erosion & Sediment Control inspections were conducted, resulting in 58 written Notices of Violation.</td></tr>
<tr><td>Each annual report shall include a list of land disturbing projects that qualify under the “Grandfathering” provision of the VSMP regulations that receive coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities during the reporting period.
• 09-0020 - Norfolk International Airport Garage D Improvements
10-0018 - Norfolk Consolidated Courts Complex</td></tr>
<tr><td>Each annual report shall include a summary of actions taken by the permittee to implement a local E&SC program consistent with the VESC Law and regulations, and a SWM program consistent with VSWM Act and regulations. The permittee shall identify in the MS4 Program Plan all legal authorities for ESC and SWM that are more stringent than required.
• See MS4 Program Plan (https://www.norfolk.gov/documentcenter/view/31602) and City’s Design & Construction Manual (https://www.norfolk.gov/DocumentCenter/View/21350) for details.</td></tr>
<tr><td rowspan="2">Part I.B.2.b (Retrofitting on Prior Developed Lands)</td><td>Each annual report shall include a status update for those projects for which implementation began during the reporting period.
• See Appendix 2. https://www.norfolk.gov/DocumentCenter/View/27619</td></tr>
<tr><td>For retrofit projects that do not serve to meet the requirements of Part I.D, the permittee shall submit a summary of projects implemented during the reporting period with each annual report including type of land use being retrofitted, retrofit performed, completion date or anticipated completion date, total acreage retrofitted, total impervious and pervious acreage, and location by latitude and longitude (in decimal degrees).
• NA – All retrofit projects serve to assist in meeting the requirements of Part I.D (TMDL Action Plans and implementation) of the MS4 permit.</td></tr>
<tr><td rowspan="2">Part I.B.2.c (Roadways)</td><td>No later than 24-months after the effective date of this state permit, the permittee shall develop and maintain an accurate list of permittee maintained roads and streets, that includes the street name, the miles of roadway not treated by BMP’s, and miles of roadway treated with BMP’s.
• Due June 2018.</td></tr>
<tr><td>No later than 36-months after the effective date of this state permit, the permittee shall develop and implement written protocols for permittee maintained road, street, and parking lot maintenance designed to minimize pollutant discharge. The permittee shall include a copy of the written protocols…with the next annual report that is due after development of the protocols.
• Due October 1, 2019.</td></tr>
<tr><td>Part I.B.2.d (Pesticide, Herbicide, and Fertilizer Application)</td><td>The annual report due October 1, 2017 shall contain a list of all permittee lands and applicable acreage on which nutrients are applied to more than one contiguous acre.
<table>
<tr><th>Site</th><th>Irrigated / Non-irrigated</th><th>Sq Ft</th><th>Acres</th></tr>
<tr><td>Lake Taylor Soccer Field 1</td><td>Irrigated</td><td>108,000</td><td>2.48</td></tr>
<tr><td>Lake Taylor Soccer Field 2</td><td>Irrigated</td><td>108,000</td><td>2.48</td></tr>
<tr><td>Lake Taylor Soccer Field 3</td><td>Irrigated</td><td>108,000</td><td>2.48</td></tr>
<tr><td>Lake Taylor Soccer Field 4</td><td>Irrigated</td><td>108,000</td><td>2.48</td></tr>
<tr><td>Lake Taylor Soccer Field U-6</td><td>Irrigated</td><td>72,800</td><td>1.67</td></tr>
<tr><td>Lake Taylor Soccer Field 10</td><td>Irrigated</td><td>120,000</td><td>2.75</td></tr>
<tr><td>Lake Taylor Soccer Field 11</td><td>Irrigated</td><td>180,000</td><td>4.13</td></tr>
<tr><td>Lake Taylor Soccer Field 12</td><td>Irrigated</td><td>180,000</td><td>4.13</td></tr>
<tr><td>Lake Taylor Soccer Field 13</td><td>Irrigated</td><td>120,000</td><td>2.75</td></tr>
<tr><td>Lake Taylor Soccer Field 14</td><td>Irrigated</td><td>123,500</td><td>2.84</td></tr>
<tr><td>Lake Taylor Soccer Field 15</td><td>Irrigated</td><td>123,500</td><td>2.84</td></tr>
</table></td></tr>
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<tr><th>Permit Section</th><th>Specific Reporting Requirement and Result</th></tr>
<tr><td></td><td>
<table>
<tr><td>Norview Baseball Field</td><td>Irrigated</td><td>106,000</td><td>2.43</td></tr>
<tr><td>Norview Softball Field</td><td>Irrigated</td><td>105,000</td><td>2.41</td></tr>
<tr><td>Norview Stadium</td><td>Irrigated</td><td>105,000</td><td>2.41</td></tr>
<tr><td>Booker T. Washington Stadium</td><td>Irrigated</td><td>105,000</td><td>2.41</td></tr>
<tr><td>Blair High School Soccer Field</td><td>Irrigated</td><td>104,000</td><td>2.39</td></tr>
<tr><td>Ghent Elementary School Soccer Field</td><td>Irrigated</td><td>104,000</td><td>2.39</td></tr>
<tr><td>Northside Softball Field 1</td><td>Irrigated</td><td>106,000</td><td>2.43</td></tr>
<tr><td>Northside Softball Field 2</td><td>Irrigated</td><td>106,000</td><td>2.43</td></tr>
<tr><td>Northside Softball Field 3</td><td>Irrigated</td><td>106,000</td><td>2.43</td></tr>
<tr><td>Barraud Park RBI Field</td><td>Irrigated</td><td>106,000</td><td>2.43</td></tr>
<tr><td>Total:</td><td></td><td>2,404,800</td><td>55.21</td></tr>
</table>
</td></tr>
<tr><td></td><td>Each annual report shall report on compliance with the turf and landscape nutrient management plan implementation schedule and include a list of the permittee’s properties for which turf and landscape nutrient management plans have been implemented during the reporting year and the cumulative total of acreage under turf and landscape management plans.
Due October 1, 2018 – Not less than 15% of all identified acres will be covered by turf and landscape management plans.
Due October 1, 2019 – Not less than 40% of all identified acres will be covered by turf and landscape management plans.
Due October 1, 2020 – Not less than 75% of all identified acres will be covered by turf and landscape management plans.</td></tr>
<tr><td></td><td>Each annual report shall include the number of acres managed under Integrated Pest Management Plans.
The Norfolk Department of Public Health manages and tracks the permittee lands managed under Integrated Pest Management (IPM) Plans. The City utilizes IPM to manage the mosquito and rodent populations City-wide, for a total of 66 square miles, or 42,240 acres.</td></tr>
<tr><td>Part I.B.2.e (Illicit Discharges and Improper Disposal)</td><td>Each annual report shall include a list of illicit discharges identified, the source, a description of follow-up activities and whether the illicit discharge has been eliminated.
See Appendix 3 for copies of all illicit discharge 5-day letters submitted to DEQ during FY17, as well as a list of sanitary sewer overflows reported to SSORS by Public Utilities.</td></tr>
<tr><td></td><td>Each annual report shall include the amount of linear feet of sanitary sewer (a minimum of 724,000 linear feet annually) inspected during the reporting year.
The City inspected 854,150 linear feet of sanitary sewer during FY17.</td></tr>
<tr><td></td><td>The annual report due October 1, 2017 shall include a description of the procedures the permittee will implement to reduce floatables…including procedures to determine the floatables reduction program effectiveness.
This criterion is accomplished through participation in the International Coastal Cleanup. The International Coastal Cleanup takes place September 1st through October 31st encouraging the removal of trash from our beaches and waterways around the world. This cleanup is fueled by volunteer organizations and individuals as a means to change behavior toward cleaner, healthier waterways. In 2016, Keep Norfolk Beautiful supported this initiative throughout the months of September and October. Trash was collected and recorded from various sites across Norfolk. In 2017, Keep Norfolk Beautiful will be hosting ICC again. The 2016 results will be the baseline of comparison for 2017 to determine the effectiveness of reducing floatables. Specific data from 2016 International Coastal Cleanup Event is listed below.
PDF of ICC (more information); https://oceanconservancy.org/wp-content/uploads/2017/06/International-Coastal-Cleanup_2017-Report.pdf</td></tr>
</table>

Permit Section	Specific Reporting Requirement and Result
	• Participation in International Coastal Cleanup is conducted by registration through Virginia Clean Waterways. • See Appendix 4 for event flyers.
	Each annual report after program development shall include a list of sites surveyed for floatables, a summary of observations at each site, and a determination as to the effectiveness of the floatables program. • International Coastal Cleanup Data o 152 volunteers total o Collected 3989lbs of trash o At each site, volunteers mark their findings including cigarette butts, food wrappers (candy, chips, etc.), Take out/away containers (plastic), Take out/away containers (foam), bottle caps (plastic), bottle caps (metal), lids (plastic), straws/stirrers, forks/knives/spoons, beverage bottles (plastic), beverage bottles (glass), beverage cans, grocery bags (plastic), other plastic bags, paper bags, cups/plates (paper), cups/plates (plastic), cups/plates (foam), fishing buoys/pots/traps, fishing net and pieces, fishing line, rope, fishing gear, 6-pack holders, other plastic/foam packaging, plastic bottles (oil and bleach), strapping bands, tobacco packaging/wrap, other packaging, appliances, balloons, cigar tips, cigarette lighters, construction materials, fireworks, tires, toys, other trash, condoms, diapers, syringes, tampons, personal hygiene items, foam pieces, glass pieces, plastic pieces. o List of sites: ▪ Ocean View Beach Park ▪ East Ocean View Community Beach Park ▪ Bay Dunes Drive ▪ Ocean view Pier ▪ Community Beach Park ▪ Willoughby Spit ▪ 25th Street and Bowdens Ferry Road ▪ Cottage Place Beach ▪ Wetland: Pope and Somme ▪ 1800 E Ocean View – 1300 E Ocean View ▪ Sarah Constance Beach Park ▪ Tidewater from Little Creek to Bayview ▪ E Princess Anne Road from Park Ave to Ballentine Blvd ▪ Curlew Drive from Feeder Road to Light Rail Station ▪ Spot: Military Garden ▪ Beach – 21st Bay Street Down to 30th Bay Street ▪ Admiral Taussig Blvd from Granby Street to E. Little Creek Blvd. • See Appendix 4 for data excel spreadsheet.
	The permittee shall ensure the implementation of programs to collect used motor vehicle fluids (such as oil and antifreeze) and HHW waste materials for recycling, reuse, or proper disposal. Such programs shall be readily available to all private residents and shall be publicized and promoted on a regular basis not less than twice per year. • Keep Norfolk Beautiful hosts two recycling drives every year for Norfolk citizens to easily and safely recycle HHW waste materials at no charge. • Norfolk residents are invited to participate in the fall America Recycles Day event and the spring Norfolk Recycles Day event, each year. This event is open to the public, and is an electronics, recycling, and household hazardous waste (HHW) event, at the City's Waste Management Facility, located at 1176 Pineridge Road. In partnership with Goodwill

Permit Section	Specific Reporting Requirement and Result

	Industries and TFC Recycling, the event offers Norfolk residents a one-stop location to drop unwanted items such as acceptable recyclable items, household hazardous waste, electronics, unwanted household items, and used clothing.
	• Data
	  o Fall 2016 Event – America Recycles Day
	  ▪ 309 Participants
	  ▪ 6 partners involved (City of Norfolk Waste Management, Goodwill, TFC Recycling, Iron Mountain Shredding, Recycling Perks, Bay Star Homes)
	  ▪ 360 lbs general recyclables collected
	  ▪ 2,630 lbs of paper shredded and recycled
	  ▪ 6 lbs of plastic film/bags recycled
	  ▪ 5,240 lbs of electronics recycled
	  ▪ 2, 120 lbs of clothing/textiles recycled
	  ▪ See Appendix 4 for HHW detailed items list
	  o Spring 2017 Event – Norfolk Recycles Day
	  ▪ 230 Participants
	  ▪ 6 partners involved (City of Norfolk Waste Management, Goodwill, TFC Recycling, Iron Mountain Shredding, Recycling Perks, Southeastern Food Bank)
	  ▪ 480 lbs general recyclables collected
	  ▪ 5,705 lbs of paper shredded and recycled
	  ▪ 2 lbs of plastic film/bags recycled
	  ▪ 2,630 lbs of electronics recycled
	  ▪ 3,585 lbs of clothing/textiles recycled
	  ▪ See Appendix 4 for HHW detailed items list
	• Promotion
	  o Social Media – both Keep Norfolk Beautiful and City of Norfolk
	  ▪ Instagram, Twitter, Facebook
	  o Flyers in libraries, rec centers, downtown, local events, Keep Norfolk Beautiful Office, Waste Management Office
	  o Compass ad
	  o Recycling Perks newsletter
	  o Volunteer Newsletter
	  o City of Norfolk Website – front page and Keep Norfolk Beautiful page
	  o Next Door
	  o Notice to Neighborhood Specialists
	  o Notice to Civic Leagues
	  o Library electronic kiosk
	• In addition, the City operates a HHW collection service that is free for Norfolk residents. Proof of residency is required, and the site is located at the Division of Waste Management at 1176 Pineridge Road. The site is operated Monday – Saturday from 10am – 2pm.
	• See Appendix 4 for event flyers and lists of items collected, as well as a list of items accepted at the City's HHW collection site and a spreadsheet documenting items collected during FY17.

Part I.B.2.f (Spill Prevention and Response)	Each annual report shall include a list of spills, that qualify for immediate reporting as required…of this state permit, the source (identified to the best of the permittee's ability), and a description of follow-up activities taken. • See Appendix 3 for copies of all illicit discharge 5-day letters submitted to DEQ during FY17, as well as a list of sanitary sewer overflows reported to SSORS by Public Utilities.

Permit Section	Specific Reporting Requirement and Result
Part I.B.2.g (Industrial & High Risk Runoff)	The annual report due October 1, 2017 shall include a list of all known industrial and high risk dischargers including any non-VPDES regulated industrial and commercial stormwater dischargers determined by the permittee as contributing a significant pollutant load and that discharge to the MS4 system, and a schedule of inspections and procedures for inspecting outfalls. • See Appendix 5 for High-Risk Commercial and Industrial Outfall Inspection Program SOP.
	Each annual report shall report on implementation of the inspection schedule and include a list of the facilities and/or facility outfalls inspected during the reporting period. • See Appendix 5 for a list of facility outfalls inspected during FY17.
	Each annual report shall include a list of referrals to the Department, including: The permittee shall maintain a list of any industrial and/or commercial stormwater dischargers not regulated under the Virginia State Water Control Law that it determines may be contributing a significant pollutant loading to the MS4, report those facilities to the Department, and include the facilities outfall in the prioritized inspection schedule. • NA – None in FY17 The permittee shall refer facilities and operations having non-stormwater discharges that do not have coverage under an existing VPDES permit. • NA – None in FY17 The permittee shall refer facilities and operations identified…with manufacturing, processing, or raw material storage outside that do not have coverage under an existing VPDES industrial stormwater permit. • NA – None in FY17 The permittee shall refer any VPDES industrial stormwater permit facility where there is evidence of significant pollutant loadings to the MS4. • See Appendix 5 for facilities list. The permittee shall refer facilities that do not submit signed copies of DMR's to the permittee as required under a VPDES industrial stormwater permit. • See Appendix 5 for facilities list.
Part I.B.2.h (Stormwater Infrastructure Management)	The permittee shall submit with the annual report due October 1, 2017 the written inspection and maintenance procedures. • See Appendix 6 for Storm Water Infrastructure Inspection Program SOP. Also see Section 2.8 in the City's MS4 Program Plan (https://www.norfolk.gov/documentcenter/view/31602).
	Each annual report shall include a summary of activities performed in support of the inspections and maintenance program….The summary shall include the total number of drainage structures operated by the permittee; the total length of open conveyance that is part of the permittee's MS4; the total number of the drainage structures inspected (at least 4,060) and the total length of open conveyances inspected (at least 35,460). In addition, the permittee shall maintain records documenting the inspection of drainage structures and open conveyances to include a list of drainage structures inspected, the date inspected, the type of structures, the location, and identified maintenance needs and when the maintenance was performed. • Total # Drainage Structures – 27,065 Total Length of Open Conveyance – 237,600 linear feet Total # Drainage Structures Inspected (at least 4,060) – 8,406 Total Length of Open Conveyances Inspected (at least 35,460 linear ft) – 145,753 linear ft
	The annual report due October 1, 2017 shall include the permittee's strategy to address maintenance of stormwater management controls that are designed to treat stormwater runoff solely from the individual residential lot on which they are located.

Permit Section	Specific Reporting Requirement and Result
	• See Section 2.8 in the City's MS4 Program Plan (https://www.norfolk.gov/documentcenter/view/31602).
	Each annual report shall provide a summary of actions taken by the permittee to address failure of privately maintained SWM facilities owners to abide by maintenance agreements. • See Appendix 7 for Storm Water Best Management Practice Inspections SOP. Also see section 2.8 in the City's MS4 Program Plan.
	Each annual report shall include a list of activities including inspections performed and notifications of needed maintenance and repair of stormwater facilities not operated by the permittee as required…. • See Appendix 7 for Storm Water Best Management Practice Inspections SOP and a comprehensive list of private and public SWMF inspections and reinspections conducted during FY17. Also see section 2.8 in the City's MS4 Program Plan.
	The MS4 service area map including outfalls and information included in Part I.B.2.h)3) shall be submitted no later than 18 months after the effective date of this state permit. • Due January 1, 2018.
	The annual report due October 1, 2018 submitted under this state permit shall include the information included in Part I.B.2.h)4). • Due October 1, 2018.
	The annual report due October 1, 2021 shall include as updated list of all information requested in Part I.B.2.h)5). • Due October 1, 2021.
Part I.B.2.i (City Facilities)	The annual report due October 1, 2017 shall include a list of all high priority municipal facilities. • See Appendix 8.
	The permittee shall develop and/or update and implement individual SWPPP's for each high-priority municipal facility…no later than 36-months after the effective date of this state permit. • See Appendix 8.
	No later than the expiration date of this state permit, the permittee shall install and maintain markings on all stormwater inlets located on high-priority municipal facilities…and on permittee properties with greater than 2-acres of impervious area. • Due June 2021.
Part I.B.2.j (Public Education & Participation)	Each annual report shall include a list of permittee public outreach and education activities and the estimated number of individuals reached through the activities. An evaluation of program effectiveness, as outlined in the MS4 Program Plan with recommendations for future changes shall also be included. • In May 2017, letters were sent to the 3 City owned golf courses in Norfolk (Lamberts Point, Sewells Point, and Ocean View) encouraging the implementation of integrated management practice plans and techniques to reduce runoff of fertilizer, pesticides, and other pollutants to the City's storm water system. See Appendix 9 for a copy of the letter. • The City also has a program that requires all residents applying for a business license for a mobile car wash to sign an application with the Division of Environmental Storm Water management. The application provides explanation of the City's code and offers options to not discharging wash water into the City's storm water system. A total of 6 business owners signed the application in FY17. See Appendix 9 for a copy of the application. • For the past few years, there has been an emphasis on educating the pet care facilities via site visits and the distribution of educational information. The focus during FY17 was on doggie day care facilities, groomers, boarders, and kennels. During FY17 a total of 11 businesses were visited by staff. • See Appendix 9 for a list of additional presentations, workshops, cleanups, beautification events, and other activities conducted by both Keep Norfolk Beautiful and the Division of

<table>
<tr><th>Permit Section</th><th>Specific Reporting Requirement and Result</th></tr>
<tr><td></td><td>Environmental Storm Water Management, as well as copy of the Public Works Operations – Stormwater Communication Outline, and the askHRGreen.org Annual Report which summarizes activities conducted at a Regional level. Also see Section 2.10 in the City's MS4 Program Plan (https://www.norfolk.gov/documentcenter/view/31602).</td></tr>
<tr><td></td><td>Each annual report shall provide a summary of voluntary retrofits completed on private property used to demonstrate pollutant reduction requirements. Note that any voluntary project for which the permittee seeks to use for pollutant reduction requirements must be tracked and reported.
During FY17, the City's Bay Star Home program gave away 40 rain barrels to residents, with detailed maintenance agreements signed by each recipient. The City also partners with the Elizabeth River Project (ERP) on River Star Homes. During FY17, ERP installed 3 rain gardens, 3 living shorelines, 5 riparian buffer plantings, and 40 rain barrels. In addition, the City has a Fee Reduction Program. See Appendix 9 for a list of voluntary retrofits that were approved and installed for a fee reduction. For additional information, see Section 2.10 in the City's MS4 Program Plan (https://www.norfolk.gov/documentcenter/view/31602).</td></tr>
<tr><td></td><td>Each annual report shall provide a summary of voluntary stormwater management techniques encouraged on private property.
See Appendix 9 for a copy of the City's Fee Reduction Program (https://www.norfolk.gov/DocumentCenter/View/27641). Also see Section 2.8 of the City's MS4 Program Plan (https://www.norfolk.gov/documentcenter/view/31602).</td></tr>
<tr><td></td><td>The permittee shall post a copy of this state permit on its web page no later than 30-days after the effective date of this permit and continue to retain a copy of the permit online for the duration of this permit.
https://www.norfolk.gov/DocumentCenter/View/2994</td></tr>
<tr><td></td><td>The permittee shall post copies of each annual report on its website no later than 30-days after the report submittal to the Department and continue to retain copies of annual reports online for the duration of this permit.
The Annual Report will be posted on the City webpage upon submittal to the Department.</td></tr>
<tr><td></td><td>The permittee shall post the most current MS4 Program Plan on its website no later than 30 days after approval of the MS4 Program Plan and maintain a current copy on the website. If the MS4 Program Plan is modified or revised, the updated plan shall be posted within 30 days of the revision.
https://www.norfolk.gov/documentcenter/view/31602</td></tr>
<tr><td>Part I.B.2.k (Training)</td><td>Each annual report shall include a list of training events, the date and the estimated number of individuals attending each event. (The permittee shall provide biennial training to appropriate field personnel in the recognition and reporting of illicit discharges; in good housekeeping and P2 practices that are to be employed during road, street, and parking lot maintenance, in and around permittee maintenance and public works facilities, and recreation facilities.)
<table>
<tr><th>Date</th><th>Dept/Div Reached</th><th># Attending</th><th>Topics</th></tr>
<tr><td>3/7/2017
3/10/2017</td><td>Division of Waste Management</td><td>92</td><td>SWPPP, IDDE, spill response, good housekeeping, pollution prevention</td></tr>
<tr><td>4/5/2017</td><td>Dept. of Recreation, Parks, and Open Space</td><td>103</td><td>SWPPP, IDDE, spill response, good housekeeping, pollution prevention</td></tr>
<tr><td>5/2/2017</td><td>PW Operations - Streets, Bridges, Stormwater</td><td>138</td><td>SWPPP, IDDE, spill response, good</td></tr>
</table></td></tr>
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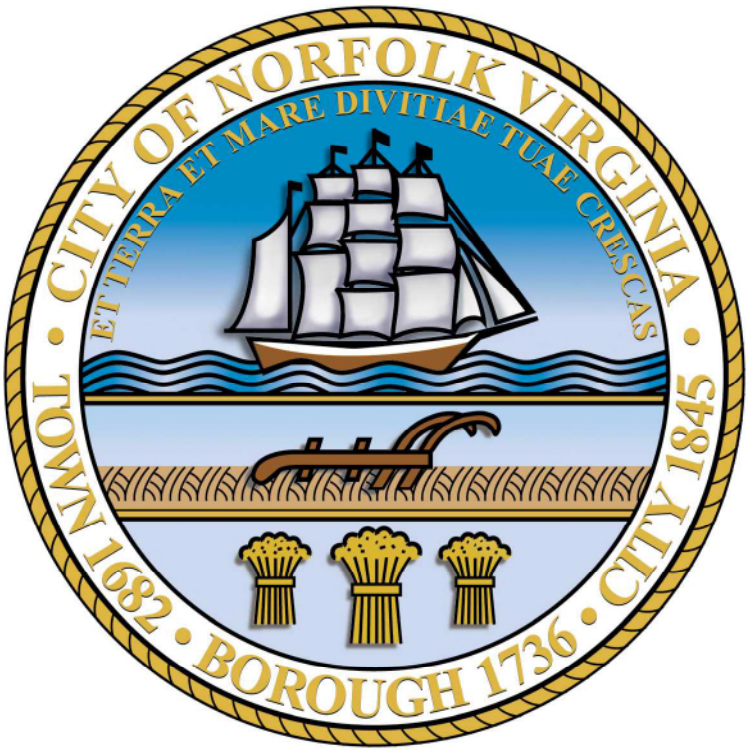
<table>
<tr><th>Permit Section</th><th>Specific Reporting Requirement and Result</th></tr>
<tr><td></td><td>
<table>
<tr><td></td><td></td><td></td><td>housekeeping, pollution prevention</td></tr>
<tr><td>5/22/2017</td><td>City Fleet/Garage</td><td>28</td><td>SWPPP, IDDE, spill response, good housekeeping, pollution prevention</td></tr>
<tr><td>6/7/2017</td><td rowspan="2">Staff City Wide</td><td>95</td><td rowspan="2">Staff from various Departments and Divisions trained City staff on many different City Codes, including the SW Ordinance</td></tr>
<tr><td>6/8/2017</td><td>94</td></tr>
<tr><td>6/13/2017</td><td>Norfolk Public Schools - Janitorial</td><td>67</td><td>Spill response, good housekeeping, pollution prevention</td></tr>
</table>
</td></tr>
<tr><td></td><td>The annual report due October 1, 2017 shall include documentation of employee emergency spill response training and/or certification.
HazMat Operations/OSHA Level II 8-hour training was conducted October 3, 2016 and reached a total of 62 staff. See Appendix 10 for roster.</td></tr>
<tr><td></td><td>The permittee shall ensure that employees, and require that contractors, who apply pesticides and herbicides are properly trained or certified per the Virginia Pesticide Control Act.
See Section 2.11 in the City’s MS4 Program Plan (https://www.norfolk.gov/documentcenter/view/31602).</td></tr>
<tr><td></td><td>The permittee shall have a program to ensure that City plan reviewers, inspectors, program administrators and construction site operators employed or contracted by the permittee (e.g. RLD) are trained and obtain the appropriate certifications to the extent required under the Virginia Erosion and Sediment Control Law and attendant regulations.
See Section 2.11 in the City’s MS4 Program Plan (https://www.norfolk.gov/documentcenter/view/31602).</td></tr>
<tr><td></td><td>The permittee shall have a program to ensure that the applicable City employees obtain the appropriate certifications as required under the Virginia Stormwater Management Act and its attendant regulations to implement the modified stormwater management design criteria.
See Section 2.11 in the City’s MS4 Program Plan (https://www.norfolk.gov/documentcenter/view/31602).</td></tr>
<tr><td>Part I.B.2.l (Dry Weather Screening Program)</td><td>Each annual report shall include the total number of outfalls included as part of the permittee’s MS4, the number of stations screened during the reporting period (minimum of 50), a list of locations upon which dry weather screening was conducted, the results and any follow-up actions including a summary of each investigation conducted by the operator of any suspected illicit discharge. The summary shall include: (i) the date that the suspected discharge was observed; (ii) how the investigation was resolved, including any follow-up, and (iii) resolution of the investigation and the date the investigations was closed.
See Appendix 11 for list.</td></tr>
<tr><td>Part I.B.2.m (Infrastructure Coordination)</td><td>The permittee shall coordinate with the Virginia Department of Transportation (VDOT) regarding issues of MS4 physical-interconnectivity. As part of its Annual Report, the permittee shall document coordination efforts with VDOT that occurred during the reporting year regarding: mapping, Chesapeake Bay TMDL Action Plans, other TMDL Action Plans, credit for TMDL implementation, IDDE, and water quality monitoring.</td></tr>
</table>

Permit Section	Specific Reporting Requirement and Result
	• A VDOT MS4 Coordination Meeting was held May 9, 2017. See Appendix 12 for a detailed copy of the meeting minutes.
Part I.C.1 (In-System/Wet Weather Monitoring)	The annual report due October 1, 2017 shall include the list of sites to be monitored during the term of the state permit and monitoring protocols. • See Appendix 13 for a copy of the Annual Report for the Regional In-system Wet Weather Stormwater Monitoring Program.
	Each annual report shall include a summary of the monitoring results and analyses and an interpretation of that data. • See Appendix 13 for a copy of the Annual Report for the Regional In-system Wet Weather Stormwater Monitoring Program.
Part I.C.2 (Street Sweeping Program Monitoring)	No later than twelve (12) months after permit effective date, the permittee shall submit to the Department the list of sites to be monitored, the methodology and the monitoring protocols. The monitoring protocols shall be incorporated into the MS4 Program Plan. • Street Sweeping Monitoring Plan submitted to DEQ June 28, 2017.
	Each subsequent annual report shall include a summary of the monitoring results and analyses and an interpretation of that data with respect to long-term patterns/trends. • Due October 1, 2018.
	Final results and analyses shall be submitted with the permit application for the reissuance of this state permit due 180 days prior to the permit's expiration date. • Due December 30, 2020.
Part I.C.3 (Structural and Source Controls Compliance Monitoring and Tracking)	The permittee shall maintain an updated electronic database of all known permittee and privately maintained stormwater management (SWM) facilities. Each annual report shall include a copy of the updated database in electronic format of all SWM facilities brought online during each reporting year. • See Appendix 7 for a list of all SWM facilities brought online during FY17.
	Each annual report shall include a summary of actions taken by the permittee to ensure maintenance of private stormwater management facilities. • See Appendix 7 for Storm Water Best Management Practice Inspections SOP and a comprehensive list of private and public SWMF inspections and reinspections conducted during FY17. Also see section 2.8 in the City's MS4 Program Plan.
	Each annual report shall include a summary of the program to ensure maintenance of stormwater management facilities maintained by the permittee. • See Appendix 7 for Storm Water Best Management Practice Inspections SOP and a comprehensive list of private and public SWMF inspections and reinspections conducted during FY17. Also see section 2.8 in the City's MS4 Program Plan.
Part I.D.1.b) & d) (Chesapeake Bay Watershed TMDL Planning & Annual Reporting Requirements)	No later than 24- months after the effective date of this state permit, the permittee shall develop and submit to the Department for its review and approval a phased Chesapeake Bay TMDL Action Plan. • Due June 2018.
	Each subsequent annual report shall include a list of control measures implemented during the reporting period and the cumulative progress toward meeting the compliance targets for TN, TP, and TSS. • Due starting October 1, 2019.
	Each subsequent annual report shall include a list of control measures that were implemented during the reporting cycle and the estimated reduction achieved by the control. For stormwater management controls, the report shall include…whether an existing stormwater management control was retrofitted, and if so, the existing stormwater management control type retrofit used. • Due starting October 1, 2019.

Permit Section	Specific Reporting Requirement and Result
	Each annual report shall include a list of control measures that are expected to be implemented during the next reporting period and the expected progress toward meeting the compliance targets for TN, TP, and TSS. • Due starting October 1, 2019.
	The permittee shall include the following as part of its reapplication package: (a) documentation that sufficient control measures have been implemented (or documentation detailing that implementation will be complete by the expiration date of this state permit) to meet the compliance target identified in this Special Condition, and (b) a draft second phase Chesapeake Bay TMDL Action Plan. • Due December 30, 2020.
Part I.D.2 (TMDL Action Plans other than the Chesapeake Bay TMDL)	No later than 24 months after the effective date of this state permit, the permittee shall submit to the Department TMDL Action Plans to address any new or modified requirements established under this Special Condition for pollutants identified in TMDL wasteload allocations approved prior to the effective date of this permit. • Due June 2018.
	The permittee shall submit the required TMDL Action Plans to the Department for review and acceptance with the appropriate annual report associated schedule identified in this permit. • Due starting October 1, 2019.
	The permittee shall report on the implementation of the TMDL Action Plans and associated evaluation including the results of any monitoring conducted as part of the evaluation. • Due starting October 1, 2019.
	The permittee shall identify the best management practices and other steps that will be implemented during the next permit term as part of the permittee's reapplication for coverage as required. The permittee shall also evaluate and modify the estimated end date for achieving the applicable wasteload based on information acquired during the permit cycle. • Due December 30, 2020.

Capital Improvement Plan



FY 2018 - FY 2022 Capital Improvement Plan								
		Originally Planned	Adopted	Planned				
Project Title	Page	FY 2018	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Well-Managed Government								
Fund Preliminary Engineering	467	1,159,000	1,709,000	1,159,000	609,000	-	-	3,477,000
Improve Infrastructure and Acquire Property	468	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Improve Roof Repair and Moisture Protection	469	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
Maintain Municipal Facilities	470	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Maintain USS Wisconsin BB-64	471	500,000	500,000	500,000	750,000	500,000	500,000	2,750,000
Replace In-Ground Vehicle Lifts	472	-	380,000	270,000	270,000	-	-	920,000
Subtotal Well-Managed Government		**3,909,000**	**4,839,000**	**4,179,000**	**3,879,000**	**2,750,000**	**2,750,000**	**18,397,000**
Total General Capital		**18,814,000**	**26,911,400**	**31,093,400**	**24,368,400**	**21,729,400**	**21,064,400**	**125,167,000**
Parking Facilities								
Maintain Parking Facilities	473	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	14,500,000
Replace Parking Access, Revenue, and Control System	474	-	-	7,000,000	-	-	-	7,000,000
Subtotal Parking Facilities		**2,900,000**	**2,900,000**	**9,900,000**	**2,900,000**	**2,900,000**	**2,900,000**	**21,500,000**
Storm Water Utility								
Create Citywide Flooding Reserve	475	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	6,576,000
Improve Storm Water Quality	477	950,000	2,350,000	2,350,000	2,350,000	2,350,000	2,350,000	11,750,000
Improve Storm Water System	478	600,000	600,000	600,000	600,000	600,000	600,000	3,000,000
Improve Storm Water Waterfront Facilities	479	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Reduce Neighborhood Flooding	480	1,450,000	2,850,000	2,850,000	2,850,000	2,850,000	2,850,000	14,250,000
Subtotal Storm Water Utility		**4,815,200**	**7,615,200**	**7,615,200**	**7,615,200**	**7,615,200**	**7,615,200**	**38,076,000**

Storm Water Utility



Create Citywide Flooding Reserve

Department

Storm Water Utility

Account #

4000 35 4188

Property Address:

Citywide

Customers Served

Residents ☑ Business ☑ City Services ☑

Educational Community ☑ Tourists/Visitors ☑

Project Description

Provide funds to create a citywide flooding reserve to prepare for the larger citywide flooding control projects. This project is funded by the $1.00 Storm Water fee increase approved in FY 2013. Funding will be dedicated to support the city's efforts in flood mitigation.

Financial Summary

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL
FY 2018 Adopted	N/A	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	6,576,000
FY 2017 Adopted	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	N/A	6,576,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL
Planning/Design/Other	N/A	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	6,576,000
Construction/FFE	N/A	0	0	0	0	0	0
Total	N/A	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	6,576,000

Prior Capital Funding	6,576,000
FY 2018 Adopted	1,315,200
Capital Share Remaining	5,260,800
Project Total	13,152,000

Improve Storm Water Quality

Department

Storm Water Utility

Account #

4000 35 3034

Property Address:

Citywide

Customers Served

Residents ☑ Business ☑ City Services ☐

Educational Community ☑ Tourists/Visitors ☑

Project Description

Provide funds to continue best practices used to reduce storm water related pollutants entering local waterways, rivers, and the Chesapeake Bay. Planned work includes the continuation of the wetlands restoration initiative, led by the Army Corps of Engineers, and a systematic program for dredging of silted-in and obstructed storm water outfalls around the city. The increase in funding will ensure storm water compliance with regulatory standards are met by 2030.

Financial Summary

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL
FY 2018 Adopted	N/A	2,350,000	2,350,000	2,350,000	2,350,000	2,350,000	11,750,000
FY 2017 Adopted	950,000	950,000	950,000	950,000	950,000	N/A	4,750,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL
Planning/Design/Other	N/A	350,000	350,000	350,000	350,000	350,000	1,750,000
Construction/FFE	N/A	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Total	N/A	2,350,000	2,350,000	2,350,000	2,350,000	2,350,000	11,750,000

Prior Capital Funding	9,200,000
FY 2018 Adopted	2,350,000
Capital Share Remaining	9,400,000
Project Total	20,950,000



Improve Storm Water System

Department

Storm Water Utility

Account #

4000 35 3035

Property Address:

Citywide

Customers Served

Residents ☑ Business ☑ City Services ☑

Educational Community ☐ Tourists/Visitors ☑

Project Description

Provide funds to improve storm water facilities; install standby power generators at underpass storm water stations; replace pumps, controls, electrical systems, valves, and piping that are approaching the end of their service life; and install and replace tideflex flap valves storm water outfalls to reduce tidal flooding during aberrant tide conditions.

Financial Summary

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL
FY 2018 Adopted	N/A	600,000	600,000	600,000	600,000	600,000	3,000,000
FY 2017 Adopted	600,000	600,000	600,000	600,000	600,000	N/A	3,000,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL
Planning/Design/Other	N/A	60,000	60,000	60,000	60,000	60,000	300,000
Construction/FFE	N/A	540,000	540,000	540,000	540,000	540,000	2,700,000
Total	N/A	600,000	600,000	600,000	600,000	600,000	3,000,000

Prior Capital Funding	11,650,000
FY 2018 Adopted	600,000
Capital Share Remaining	2,400,000
Project Total	14,650,000

Improve Storm Water Waterfront Facilities

Department

Storm Water Utility

Account #

4000 35 3037

Property Address:

Citywide

Customers Served

Residents ☑ Business ☑ City Services ☐

Educational Community ☐ Tourists/Visitors ☑

Project Description

Provide funds for non-routine inspections, maintenance, repair, rehabilitation, and replacement of deteriorated bulkheads and outfall extensions citywide.

Financial Summary

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL
FY 2018 Adopted	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000
FY 2017 Adopted	500,000	500,000	500,000	500,000	500,000	N/A	2,500,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL
Planning/Design/Other	N/A	50,000	50,000	50,000	50,000	50,000	250,000
Construction/FFE	N/A	450,000	450,000	450,000	450,000	450,000	2,250,000
Total	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000

Prior Capital Funding	7,500,000
FY 2018 Adopted	500,000
Capital Share Remaining	2,000,000
Project Total	10,000,000



Reduce Neighborhood Flooding

Department

Storm Water Utility

Account #

4000 35 3032

Property Address:

Citywide

Customers Served

Residents ☑ Business ☑ City Services ☑

Educational Community ☑ Tourists/Visitors ☑

Project Description

Provide funds for neighborhood flood mitigation programs to address various drainage system improvements, repairs, rehabilitation, cleaning, and drainage studies in neighborhoods throughout the city. The increase in funding will allow for infrastructure improvements to better mitigate issues from precipitation and tidal flooding.

Financial Summary

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL
FY 2018 Adopted	N/A	2,850,000	2,850,000	2,850,000	2,850,000	2,850,000	14,250,000
FY 2017 Adopted	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	N/A	7,250,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

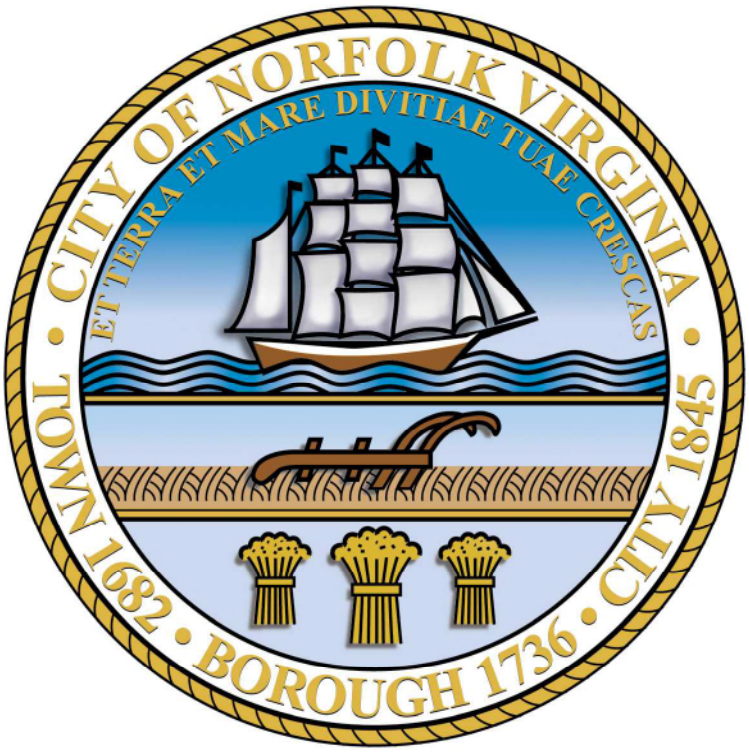
Anticipated Project Timeline:

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL
Planning/Design/Other	N/A	150,000	100,000	150,000	0	0	400,000
Construction/FFE	N/A	2,700,000	2,750,000	2,700,000	2,850,000	2,850,000	13,850,000
Total	N/A	2,850,000	2,850,000	2,850,000	2,850,000	2,850,000	14,250,000

Prior Capital Funding	18,150,000
FY 2018 Adopted	2,850,000
Capital Share Remaining	11,400,000
Project Total	32,400,000



Special Revenue Funds



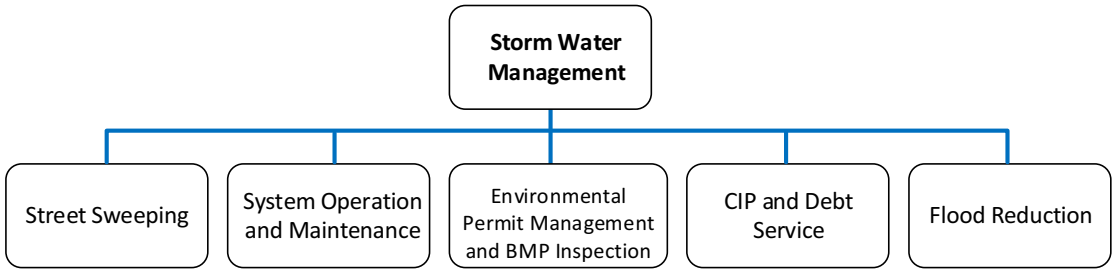
Storm Water Management

Mission Statement

As part of Public Works Operations, Storm Water Management strives to improve the quality of life of Norfolk's residents, business owners, and visitors by improving the environment through reducing pollutants in storm water discharges. Storm Water Management also mitigates flooding thereby reducing property damage and threats to life, health, and inconveniences.

Department Overview

The Division of Storm Water Management focuses on five prominent categories of work: environmental permit management and regulatory compliance, Capital Improvement Program (CIP) and debt service, flood reduction, system operation and maintenance, and street sweeping. Staff is comprised of professional engineers, environmentalists, and operations personnel that coordinate to meet the division's goals of reducing flooding and preventing pollution. The Division of Storm Water Management receives oversight from the Department of Public Works.



Actions to Achieve Long-Term Goals and Short-Term Objectives

Ongoing Actions	Status
Implement a wide variety of projects and programs to mitigate impacts from coastal and precipitation flooding by addressing preventable contributors	Ongoing

Performance Measures

Priority: Environmental Sustainability					
Goal					
Enhance efficient use and protection of natural resources					
Objective					
Prevent pollutants and debris from entering the storm water system					
Measure	**FY 2015 Actual**	**FY 2016 Actual**	**FY 2017 Adopted**	**FY 2018 Adopted**	**Change**
Miles of curb cleaned through street sweeping	41,098	53,755	50,000	50,000	0
Number of tons of debris removed by street sweeping	7,602	7,967	7,000	7,000	0

Priority: Environmental Sustainability					
Goal					
Reduce the negative impacts of flooding					
Objective					
Keep Norfolk's drain/storm water structures clean and free from debris					
Measure	**FY 2015 Actual**	**FY 2016 Actual**	**FY 2017 Adopted**	**FY 2018 Adopted**	**Change**
Number of drain structures cleaned annually	7,027	6,231	7,000	7,000	0

Revenue Summary

	FY 2015 Actual	FY 2016 Actual	FY 2017 Adopted	FY 2018 Adopted
Use of Money and Property	$7,781	$7,789	$565	$565
Charges for Services	$15,139,017	$15,556,193	$16,410,285	$16,422,016
Miscellaneous Revenue	$151,937	$88,515	$112,000	$45,000
Other Sources and Transfers In	$0	$0	$6,116	$6,116
Federal Aid	$13,063	$0	$0	$0
Total	$15,311,798	$15,652,497	$16,528,966	$16,473,697

Actual amounts represent collections, not appropriation authority.

Expenditure Summary

	FY 2015 Actual	FY 2016 Actual	FY 2017 Adopted	FY 2018 Adopted
Personnel Services	$4,915,999	$5,480,030	$5,710,046	$5,877,611
Materials, Supplies and Repairs	$2,302,862	$2,378,593	$3,819,961	$3,801,543
Contractual Services	$2,003,956	$2,784,999	$1,795,864	$1,276,948
Equipment	$1,263,860	$453,528	$474,725	$789,225
Department Specific Appropriation	($35,749)	$7,437	$0	$0
Debt Service/Transfers to CIP	$4,598,837	$4,414,018	$4,728,370	$4,728,370
Total	$15,049,766	$15,518,605	$16,528,966	$16,473,697

Estimated Appropriation for Special Revenue Summary

The following special revenue summary includes additional funds received by the department through grants, donations, and dedicated state and federal appropriations. Funds are generally multi-year appropriations and may continue from one fiscal year to another. Monies are dedicated to specific activities and/or functions and are nontransferable. Grants are not guaranteed annually. Amounts represented were available as of March 2017.

	Dollars	Source	Pos #
Special Revenue (for example: Grants, Revenue Sharing, Donations)	$5,400,987	National Fish & Wildlife Foundation Grants	0
		Stormwater Local Assistance Fund Grants	

Adopted FY 2018 Budget Actions

- **Implement Phase IV of ARMD Compensation Strategy** **FY 2018 $40,740** **FTE: 0**

  Implement Phase IV of the compensation strategy as part of the Attraction, Retention, Motivation, and Development (ARMD) initiative. FY 2018 includes: a two percent salary increase for general and constitutional officer employees; a step increase for sworn employees; an increase to the permanent employee living wage; and salary range adjustments to the city's most regionally out of market positions. All actions will be effective January 2018.

  Priority Area(s) Met: Safe, Healthy, and Inclusive Communities

- **Add Equipment Operator II position** **FY 2018 $31,992** **FTE: 1**

  Provide funds for an Equipment Operator II position to operate a mini street sweeper and leaf-vacuum to sweep bike lanes and other city-owned properties in addition to cleaning curb lines and ditches.

  Priority Area(s) Met: Safe, Healthy, and Inclusive Communities

- **Add Construction Inspector II position** **FY 2018 $67,400** **FTE: 1**

  Provide funds for a Total Maximum Daily Load (TMDL) Construction Inspector II position and vehicle to oversee construction of water quality and flood reduction projects. New regulatory water quality mandates increase the amount of inspections and oversight of the city's construction projects. The current staffing of two Civil Engineers is not sufficient to sustain the existing work load and fulfill the enhanced requirements.

  Priority Area(s) Met: Safe, Healthy, and Inclusive Communities

- **Add Senior Design Construction Project Manager** **FY 2018 $69,948** **FTE: 1**

  Provide funds for a Senior Design Construction Project Manager position. This position will oversee storm water general operations.

  Priority Area(s) Met: Safe, Healthy, and Inclusive Communities

- **Adjust operational expenses** **FY 2018 ($390,379)** **FTE: 0**

  Technical adjustment to adjust funds for operational expenses which occurs annually. These expenses include vehicle maintenance, fuel, indirect costs, and materials and supplies for operations.

  Priority Area(s) Met: Safe, Healthy, and Inclusive Communities

- **Remove one-time funds for time and attendance software costs** **FY 2018 ($10,871) FTE: 0**

  Technical adjustment to remove one-time funds provided in FY 2017 for the enhancements related to the Time and Labor and Absence Management modules of the city's personnel system. This adjustment supports the final four months of the contract and the purchase of required biometric timekeeping devices. FY 2017 completed the three-year implementation timeline.

  Priority Area(s) Met: Safe, Healthy, and Inclusive Communities

- **Remove one-time funds for vehicle purchase** **FY 2018 ($23,000) FTE: 0**

  Technical adjustment to remove one-time funds provided in FY 2017 for the purchase of a pick-up truck

  Priority Area(s) Met: Safe, Healthy, and Inclusive Communities

- **Remove one-time funds for Storm Water rod machine** **FY 2018 ($40,000) FTE: 0**

  Technical adjustment to remove one-time funds provided in FY 2017 for a rod machine to clean out storm water pipes.

  Priority Area(s) Met: Safe, Healthy, and Inclusive Communities

- **Remove one-time funds for Storm Water trailer** **FY 2018 ($3,000) FTE: 0**

  Technical adjustment to remove one-time funds provided in FY 2017 to purchase a trailer to prevent fluid spills into the drainage system.

  Priority Area(s) Met: Safe, Healthy, and Inclusive Communities

- **Adjust costs for Fleet expenditures** **FY 2018 $16,257 FTE: 0**

  Technical adjustment to update the funding needed to support Fleet expenditures based on an annual cost revision calculation. Fleet provides maintenance, fuel, and the management of vehicles for essential operations of the department. This is a routine adjustment which occurs each budget cycle.

  Priority Area(s) Met: Safe, Healthy, and Inclusive Communities

- **Annualize Phase III of ARMD Compensation Strategy** **FY 2018 $60,079 FTE: 0**

  Technical adjustment to annualize ARMD Phase III compensation actions that occurred in January 2017. The Adopted FY 2017 Budget included funds for: a two percent salary increase for general and constitutional officer employees; a $50 increase to the permanent employee living wage; and salary range adjustments to the city's most regionally out of market positions.

  Priority Area(s) Met: Safe, Healthy, and Inclusive Communities

- **Adjust required contribution to the city's retirement system** **FY 2018 $75,005 FTE: 0**

  Adjust the annual required contribution to the Norfolk Employee's Retirement System (NERS). Retirement contributions are based on a formula that calculates the funds needed to meet present and future retirement payments. The contribution amount for the city will increase from 17.79 percent to 18.53 percent in FY 2018. Costs are distributed to departments based on each department's NERS eligible payroll.

  Priority Area(s) Met: Safe, Healthy, and Inclusive Communities

- **Update personnel expenditures** **FY 2018 $50,560 FTE: 0**

  Technical adjustment to update department costs for personnel services. Changes include updates to staffing due to administrative actions, consolidations, or reorganization efforts and the funds needed in FY 2018 for these actions. The adjustment also reflects updated healthcare costs for an overall citywide premium increase of seven percent based on enrollment. These are routine actions which occur at the beginning of the budget cycle.

Storm Water Management **Total: ($55,269) FTE: 3**

Full Time Equivalent (FTE) Summary

	Pay Grade	Minimum	Maximum	FY 2017 Adopted	FTE Change	FY 2018 Adopted
Accountant I	1 11	$40,805	$66,586	1	0	1
Accounting Supervisor	1 14	$52,020	$86,041	1	0	1
Accounting Technician II	1 07	$29,391	$47,962	2	0	2
Administrative Assistant II	1 10	$37,337	$60,884	2	0	2
Administrative Technician	1 07	$29,391	$47,962	2	0	2
Automotive Service Attendant	1 08	$31,804	$51,864	1	0	1
Civil Engineer II	1 14	$52,020	$86,041	2	0	2
Civil Engineer III	1 15	$56,314	$92,075	3	0	3
Collection Coordinator	1 11	$40,805	$66,586	1	0	1
Construction Inspector I	1 09	$34,445	$56,161	0	1	1
Construction Inspector II	1 11	$40,805	$66,586	5	0	5
Crew Leader I	1 09	$34,445	$56,161	9	0	9
Design/Construction Project Manager, Senior	1 17	$64,260	$104,872	1	1	2
Engineering Technician I	1 10	$37,337	$60,884	2	0	2
Engineering Technician II	1 11	$40,805	$66,586	2	0	2
Environmental Engineer	1 14	$52,020	$86,041	2	0	2
Environmental Specialist II	1 12	$44,339	$72,308	1	0	1
Equipment Operator II	1 07	$29,391	$47,962	13	0	13
Equipment Operator III	1 08	$31,804	$51,684	16	0	16
Equipment Operator IV	1 09	$34,445	$56,161	1	0	1
Geographic Information Systems Technician I	1 09	$34,445	$56,161	1	-1	0
Geographic Information Systems Technician II	1 11	$40,805	$66,586	0	1	1
Landscape Coordinator I	1 11	$40,805	$66,586	1	0	1
Maintenance Mechanic II	1 07	$29,391	$47,962	2	0	2
Maintenance Worker I	1 03	$21,646	$35,301	13	0	13
Maintenance Worker II	1 06	$27,438	$44,737	4	0	4
Management Analyst II	1 13	$47,823	$77,978	1	0	1
Manager of Budget & Accounting	1 18	$68,697	$112,020	1	0	1
Manager of Environmental Protection Programs	1 20	$77,520	$126,409	1	0	1

Full Time Equivalent (FTE) Summary

	Pay Grade	Minimum	Maximum	FY 2017 Adopted	FTE Change	FY 2018 Adopted
Program Administrator	1 13	$47,823	$77,978	1	0	1
Programs Manager	1 15	$56,314	$92,075	1	0	1
Project Coordinator	1 13	$47,823	$77,978	0	1	1
Public Relations Specialist	1 12	$44,339	$72,308	1	0	1
Public Services Coordinator	1 11	$40,805	$66,586	2	0	2
Recycling Coordinator	1 14	$52,020	$86,041	1	-1	0
Storekeeper II	1 06	$27,438	$44,737	1	0	1
Storm Water Assistant Superintendent	1 14	$52,020	$86,041	1	0	1
Storm Water Engineer	1 19	$72,930	$118,606	1	0	1
Storm Water Operations Manager	1 15	$56,314	$92,075	1	1	2
Utility Maintenance Mechanic I	1 06	$27,438	$44,737	1	0	1
Utility Maintenance Mechanic II	1 08	$31,804	$51,864	1	0	1
Utility Maintenance Supervisor	1 10	$37,337	$60,884	4	0	4
Utility Maintenance Supervisor, Senior	1 13	$47,823	$77,978	2	0	2
Total				109	3	112

Storm Water System Maintenance and Upgrade Projects FY17						
	Contractor	**Work Order Number**	**Work Order Date**	**Job Description**	**Work Status**	**Payments**
Drainage Facility Maintenance Projects	JCB	98	7/6/2016	Lafayette River Outfalls - Site 12 - 24 Gazel @ East 30th St.	Complete	$ 2,784.00
	JCB	100	7/20/2016	Virginia Beach Blvd & Magazine Lane	Complete	$ 8,926.00
	JCB	101	7/20/2016	Virginian Drive & Kirby Crescent	Complete	$ 27,159.00
	JCB	102	8/11/2016	Warren Crescent @ Colonial Ave	Complete	$ 18,583.00
	JCB	103	8/11/2016	Honnaker Ave @ Fire Station	Complete	$ 14,414.50
	JCB	104	8/18/2016	19th Bay & Pleasant Ave	Complete	$ 27,708.00
	JCB	105	8/19/2016	Virginian Ave at Kirby Crescent Additional Work	Complete	$ 4,180.50
	JCB	109	9/28/2016	2257 Jeffrey Drive	Complete	$ 1,000.00
	JCB	110	9/4282016	23rd Street & Colonial Ave	Complete	$ 15,516.50
	JCB	114	11/7/2016	1321 Brandon Place	Complete	$ 36,711.50
	JCB	115	11/15/2016	6108 Joan Drive	Complete	$ 5,000.00
	JCB	116	11/18/2016	23rd Street & Colonial Ave - Addt'l Work	Complete	$ 34,536.00
	JCB	117	12/6/2016	1270 Whaley Ave	Complete	$ 2,000.00
	JCB	118	12/28/2016	2847 Early Street	Complete	$ 15,767.00
	JCB	119	12/28/2016	1056 Norview Ave	Complete	$ 7,655.50
	JCB	121	2/3/2017	6600 Caroline Street	Complete	$ 22,537.00
	JCB	125	4/4/2017	200 Block Colonial Ave - New 24-inch RCP	Complete	$ 212,537.00
	JCB	126	4/7/2017	Norfolk Outlet Mall	Complete	$ 31,432.00
	JCB	127	4/7/2017	1321 Upper Brandon PL - Addt'l Work	Complete	$ 7,528.50
	JCB	128	4/11/2017	Fauquier St & Bellamy Ave	Complete	$ 8,229.00
	JCB	129	4/13/2017	137 E Westmont Ave - Phase 1	Complete	$ 56,157.00
	JCB	130	4/13/2017	137 E Westmont Ave - Phase 2	Complete	$ 30,444.50
	JCB	131	4/17/2017	6600 Caroline Street - Addt'l Work	Complete	$ 18,057.50
	JCB	132	4/21/2017	1451 Ashland Circle	Complete	$ 13,026.50
	JCB	137	5/4/2017	137 E. Westmont - Phase 2 - Addt'l Work	Complete	$ 7,998.00
	JCB	138	5/11/2017	530 Mowbray Arch	Complete	$ 27,981.00
	JCB	139	5/11/2017	Fauquier & Bellamy - Addt'l Work	Complete	$ 19,602.00
	JCB	140	5/18/2017	25th & Omohundro	Complete	$ 53,979.00
	JCB	141	5/19/2017	Hampton Blvd @ Ave B - Gate 5	Complete	$ 24,655.00
	JCB	143	5/21/2017	Ashland Circle - Addt'l Work	Complete	$ 3,646.50
	JCB	144	5/21/2017	Colonial Ave - Mowbray Arch In-Line Valve	Complete	$ 27,500.00
	JCB	145	6/13/2017	Hampton Blvd at Ave B - Addt'l Work	Complete	$ 7,000.25
					TOTAL	**$ 794,252.25**

Storm Water System Maintenance and Upgrade Projects FY17						
	Contractor	**Work Order Number**	**Work Order Date**	**Job Description**	**Work Status**	**Payments**
Storm Water System Upgrade Projects	Tri-State	1	8/24/2016	Lowery Road at Pascal Place	Complete	$ 6,086.50
	Tri-State	2	9/1/2016	West Glen Rd @ Keene Rd & Ashlawn Dr	Complete	$ 29,809.50
	Tri-State	3	9/8/2016	1321 Upper Brandon PL	Complete	$ 560.90
	Tri-State	4	9/19/2016	Hampton Blvd Outfalls (Gate 5 NNS)	Complete	$ 14,425.55
	Tri-State	5	9/19/2016	West Glen Rd @ Keene Rd & Ashlawn Dr - Addt'l Work	Complete	$ 2,340.00
	Tri-State	6	9/19/2016	1321 Upper Brandon PL - Addt'l Work	Complete	$ 3,281.50
	Tri-State	7	10/24/2016	156 W. Belevedere Rd	Complete	$ 8,353.50
	Tri-State	8	11/1/2016	Almeda Ave	Complete	$ 12,625.00
	Tri-State	9	11/1/2016	Terminal Blvd @ Hampton Blvd	Complete	$ 923.10
	Tri-State	10	11/7/2016	7727 Tarpon Place	Complete	$ 30,646.00
	Tri-State	12	11/17/2016	5907 McGinnis Circle	Complete	$ 1,833.65
	Tri-State	13	11/18/2016	156 W. Belvedere Rd - Addt'l Work	Complete	$ 24,753.00
	Tri-State	14	11/30/2016	8004 Jerrylee Dr	Complete	$ 57,930.30
	Tri-State	15	11/30/2016	414 East Westmore Ave	Complete	$ 15,954.25
	Tri-State	16	11/30/2016	2080 East Ocean View Ave	Complete	$ 4,768.95
	Tri-State	17	1/23/2017	5933 Grainor Place	Complete	$ 9,724.00
	Tri-State	19	1/30/2017	Boush Street at Tazewell Street	Complete	$ 970.00
	Tri-State	20	2/9/2017	1405 - 1408 Ramsey Rd	Complete	$ 49,241.40
	Tri-State	23	3/21/2017	5907 McGinnis Circle	Complete	$ 23,475.00
	Tri-State	24	3/23/2017	2627 - 2801 Villa Circle	Complete	$ 6,322.75
	Tri-State	27	4/10/2017	9538 Chesapeake Blvd	Complete	$ 5,430.00
	Tri-State	28	4/10/2017	8834 Stratford Street	Complete	$ 6,742.87
	Tri-State	29	4/18/2017	3200 Dominion Avenue	Complete	$ 22,970.50
	Tri-State	30	4/18/2017	2544 Heutte Drive @ Tarpon PL	Complete	$ 6,820.16
	Tri-State	31	4/18/2017	Boush & Tazewell St - Northwest Corner	Complete	$ 3,831.00
	Tri-State	32	4/21/2017	Boush St @ Tazewell ST - Addt'l Work	Complete	$ 104.50
	Tri-State	33	4/26/2017	Hampton Blvd @ B Ave	Complete	$ 625.00
	Tri-State	35	5/1/2017	1209 Tallwood St	Complete	$ 36,695.40
	Tri-State	36	5/11/2017	2428 Almeda Ave	Complete	$ 44,512.50
	Tri-State	37	5/19/2017	Five Points Intersection	Complete	$ 5,560.50
	Tri-State	39	6/2/2017	Halprin Dr (from Barbara - Reuben Dr to Outfall)	Complete	$ 143,010.85
	Tri-State	43	6/19/2017	1541 Woolsey St	Complete	$ 28,463.00
	Tri-State	44	6/19/2017	1532 East Princess Anne Rd	Complete	$ 20,076.75
	Tri-State	45	6/19/2017	3010 Glen Ave	Complete	$ 6,252.00
	Tri-State	46	6/19/2017	6556 Lowery Rd	Complete	$ 5,236.00
	Tri-State	47	6/22/2017	Gaylord St - Ogden Ave (Beechwood Apts)	Complete	$ 657.00
					TOTAL	**$ 641,012.88**

Capital Improvement Projects (CIP) Funded by Storm Water Utility Funds

The City of Norfolk continues to make significant upgrades to the storm water infrastructure to fulfill our two-pronged mission of reducing storm water flooding and improving storm water quality. The City uses three main funding avenues to support these improvements:

- Direct storm water capital improvements supported by the storm water utility
- General capital improvements funded through the City's capital improvement program supported by general tax sources and
- Annual operations funds from the storm water utility.

Additional projects may be completed by developers and turned over to the City to become part of the storm water infrastructure.

The storm water capital improvement fund is further divided into four major categories:

- Neighborhood Flood Reduction
- Water Quality Improvement
- Storm Water Facilities Improvements
- Storm Water Waterfront Facilities

The total annual investment in storm water capital improvements has been $3.5 million per fiscal year. However, due to project timing the annual expenditures can sometimes be substantially higher and/or lower than the appropriated amounts.

Neighborhood Flood Reduction

Neighborhood Flood Reduction projects are major repairs and upgrades to the storm water infrastructure that result in the extension of the storm water collection and conveyance systems or substantially extend the life of the existing systems. Projects under taken include sliplining, master plan studies, system replacements and upgrades. Sliplining means to slip a plastic liner in existing pipe that is no longer serviceable. The new liner extends the service life of the pipe without having to dig up and replace the existing pipe. Capacity is not diminished due to the liner smoothness. Master plan studies allow the City to determine the condition and capacity of the existing pipe systems and plan upgrades. Studies of the existing inventory allow for planning and may be used by developers to determine the necessary upgrades for planned redevelopment. Replacement and extensions of storm water infrastructure allows for upgrades of non-serviceable sections of the collection and conveyance system where required to reduce flooding.

Water Quality Improvements

Water Quality Improvement projects improve the quality of storm water runoff. Projects in this category include construction of best management practices (BMPs), wetlands restoration and similar projects. BMP projects include construction of detention and retention ponds, as well as major BMP maintenance, such as dredging and installation of aeration systems. Wetlands restoration projects have the potential to significantly improve storm water runoff and are being reviewed and planned throughout the City. Water quality efforts are currently focused on retrofitting existing BMP's to achieve improved pollution reduction.

Storm Water Facilities Improvements

Storm Water Facilities include improvements to flood control and underpass pumping stations throughout the City. Substantial investments have been made due to years of deferred maintenance. In FY17, funds were primarily allocated for the design and rehabilitation for Pump Station #5 (Brambleton Avenue) and Pump Station #9 (Virginia Beach Boulevard).

Storm Water Waterfront Facilities

Storm Water Waterfront facilities provide funding for projects to improve shoreline bulkheads, floodwalls, floodgates, outfalls and other similar facilities for the City. These projects reduce erosion that is caused by non-serviceable infrastructure and protect public and private property against coastal flooding.

Funding of the CIP is by fiscal year. Storm Water CIP funding is expected to continue for the foreseeable future. Projects utilizing and/or having funds allocated in FY17 are listed in the following Table.

PROJECTS	PROJECT COSTS	BUDGET AMOUNT
Neighborhood Flood Reduction		**$1,450,000**
W.23rd Street and Colonial Avenue Improvements (Extending to Gosnold Ave. & W. 25th Street)	$300,000	
Kennebeck Rd. & Azalea Garden Rd. Improvements	$950,000	
Storm System Repairs/Replacement/Sliplining	$200,000	
	$1,450,000	
Storm Water Quality Improvement		**$950,000**
Jeff Robertson Park Stormwater Wetland		
Parkdale Channel Improvements		
Ballentine Elementary School WQ Retrofit		
Norfolk Juvenile Detention Center WQ Retrofit		
Anne Outten Pond Retrofit		
Lake Modoc Retrofit		
Lake Taylor Retrofit		
Dune Street Stormwater Wetland		
Templar Channel Stabilization		
Central Business Park Pond Retrofit		
Roberts Road Pond Retrofit		
Hague Stormwater Wetland		
	$950,000	
Storm Water Facility Improvement		**$600,000**
Pump Station #5 and Pump Station #9 Design and Rehabilitation	$600,000	
	$600,000	
Storm Water Waterfront Structures		**$500,000**
Outfall Extensions and Rehab (Beach Nourishment Project) & Sturgis Street Outfall Extension	$500,000	
	$500,000	
		$3,500,000

City's General CIP and Other Major City Project Financing

The second main source to fund storm water improvements is through the City's general CIP. These funds are used to develop projects that serve a specific need or are directed to specific development, redevelopment or similar projects. Projects funded by general CIP are generally flood reduction projects that will upgrade or expand the storm water system to address certain neighborhood flooding. Other projects funded through general CIP are designed to support a large scale development project. These projects tend mostly to reduce storm water flooding, though may also include water quality projects on a more regional basis.

Address Street Flooding Citywide

FY17	$1,500,000

On-Going and Planned Projects to be completed with the above funds

East Ocean View Drainage Improvements	$400,000
Spartan Village Acquisition	$200,000
Standing Water and Minor Flooding Fund	$150,000
VDOT Revenue Projects	$750,000

Street Sweeping Signage

Beyond sliplining projects, the operations component of the storm water utility fund financed the installations of new signage for the new once-a-month street sweeping program. In FY08, all regulatory no parking signs associated with street sweeping were replaced and the program is still ongoing. Where regulatory signs are not appropriate, advisory signs will be installed. These signs will inevitably make the monthly street sweeping program more effective by educating residents to move their automobiles during scheduled street sweeping. This will improve storm water quality by reducing the pollutants available to be washed in the waterways.

MS4 Program Plan - Section 2.2 - Planning and Retrofitting Storm Water Quality Projects

Project	Status	Project Type	Treatment Area (ac)	Impervious Treatment Area (ac)	Pervious Treatment Area (ac)	Condition of Downstream Channel	Nitrogen Reduction (lbs/yr)	Phosphorous Reduction (lbs/yr)	TSS Reduction (lbs/yr)	Feasability of Implementation	Estimated Cost
Parkdale Avenue Stream Restoration	Complete	Stream Restoration	52.2	25.06	27.14	stable tidal creek	37.1	33.6	7,488	High	$422,977.00
Juvenile Detention Center Retention Pond	Under Construction	BMP Retrofit- Conversion	29.97	21.55	8.42	stable tidal creek	96.1	24.3	11,434	High	$538,104.00
Jeff Robertson Park Constructed Stormwater Wetland	Under Construction	BMP Construction	14.66	5.48	9.18	stable tidal creek	38.35	8.41	3199.91	High	$267,771.00
Anne Outten Retention Pond	Construction Scheduled	BMP Retrofit- Upgrade	103	62.3	40.7	open tidal waters	137.62	39.38	2745.2	High	$538,674.00
Lake Modoc Retention Pond	Construction Scheduled	BMP Retrofit- Upgrade	81.31	43.48	37.83	open tidal waters	115.31	33.39	3062.3	High	$616,732.00
Ballentine School Retention Pond	Under Design	BMP Retrofit- Upgrade	179.83	120.79	59.04	stable tidal creek	210.38	66.01	11968.36	High	$745,978.00
Central Business Park Retention Pond	Design Complete	BMP Retrofit- Upgrade	19.6	13.3	6.3	stable tidal creek	38.84	11.37	1201.1	High	$427,362.00
Templar Boulevard Stream Restoration	Design Complete	Stream Restoration	123.44	61.8	61.64	limited erosion	41.2	19	36200	High	$204,802.00
Dune Street Constructed Stormwater Wetland	Design Complete	BMP Construction	12.45	4.69	7.76	limited erosion	23.4	6.4	5628	High	$224,793.00
Lake Taylor Retention Pond	Design Complete	BMP Retrofit- Upgrade	1436.1	615.8	820.3	stable tidal creek	1681.32	466.7	63465	High	$1,714,885.00
Roberts Road Retention Pond	Design Complete	BMP Retrofit- Upgrade	57.6	29.5	28.1	limited erosion	62.81	21.22	1576.9	High	$485,408.00
Hague Constructed Stormwater Wetland	Under Design	BMP Construction	14.85	9.85	5	open tidal waters	92.84	17.7	4303.96	High	$596,160.20
Villa Circle Living Shoreline	Construction Scheduled	Living Shoreline Construction	1.5	NA	NA	open tidal waters	137.745	8.38	41350.84	High	$1,139,740.00
Hermitage East/North Shore Road Living Shoreline	Under Design	Living Shoreline Construction	1.04	NA	NA	open tidal waters	95.5	5.81	60261.48	High	$1,041,500.00
Knitting Mill Creek Living Shoreline	Under Construction	Living Shoreline Construction	0.35	NA	NA	open tidal waters	32.14	1.96	12844.91	High	$636,333.00
Beach Avenue Living Shoreline	Design Complete	Living Shoreline Construction	0.81	NA	NA	open tidal waters	74.38	4.53	15115.52	High	$716,702.00
Hermitage West Living Shoreline	Under Design	Living Shoreline Construction	1.4	NA	NA	open tidal waters	128.56	7.83	24299.79	Medium	$653,230.00
Hague Oyster Reef	Construction Scheduled	Oyster Reef Construction	1.44	NA	NA	open tidal waters	TBD	TBD	TBD	High	$458,589.00
Norfolk International Terminals Living Shoreline	Under Design	Living Shoreline Construction	0.66	NA	NA	open tidal waters	60.6	3.69	22761.82	Low	$1,016,964.00
Lindenwood Living Shoreline	Design Complete	Living Shoreline Construction	1.68	NA	NA	open tidal waters	154.27	9.39	51467.1	Low	$1,396,510.00

Note 1: Shoreline management pollutant reduction calculations are based on restored area, not on drainage area, so only square footage of restored marsh is provided.
Note 2: Pollutant reduction calculations for restored oyster reefs are not yet established.

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THE CITY OF NORFOLK
PUBLIC WORKS

Stormwater Water Quality Projects

Stormwater runoff often carries pollutants such as nitrogen, phosphorous, and sediment which can cause increased algae blooms, low oxygen, fish kills and other problems in local waterways. The US Environmental Protection Agency's Chesapeake Bay TMDL targets these pollutants for reduction across various sectors. In large urban cities like Norfolk, requirements for these Bay TMDL reductions are managed through the City's MS4 permit.

To ensure compliance with expected and now approved additions to the MS4 permit, since 2012 the Department of Public Works has expanded efforts to identify, design, and construct water quality improvement projects. Improvements such as upgrades of existing ponds, creation of new stormwater features, and restoration of streams and shorelines all help to trap, filter, or remove pollutants.

In addition to efforts by other City departments, local partner organizations, and regulated development activity, completion of the following projects will provide adequate credit to ensure the City achieves completion of it's required pollution reduction in the first permit cycle, from 2016-2021. Each project has been funded through City Council approved capital funds and over $7 million in awarded grant funds. Design and implementation of additional improvements will continue through this current permit cycle and in future permit cycles, with increased focus on flood management, coastal resiliency and other co-benefits that can be achieved.

Greenway Park Retention Pond

Project Narrative: The project constructed a stormwater retention pond in a frequently flooded park open space. Wetland benches, buffer plantings, access paths, and a floating wetland were included.

PROJECT STATUS: Complete

PROJECT SCHEDULE:

Design Completion: Winter 2014
Construction Start: Spring 2014
Construction Completion: Spring 2015

COMMUNITY CONNECTION:

Civic League: Colonial Place/Riverview
Ward/Super Ward: 2/6

Project Manager: Rey Hernandez
Design Consultant: Timmons
Construction Inspector: Rick Lobko
Construction Contractor: Quality Enterprises



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
17.84	TBD	TBD
$25,244	TBD	TBD

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Parkdale Stream Restoration

Project Narrative: The project stabilized a short section of urban stream. Natural chancel design techniques were applied, including bank stabilization, log vanes, and re-establishment of wetland vegetation.

PROJECT STATUS: Complete

PROJECT SCHEDULE:

Design Completion:	Summer 2017
Construction Start:	Winter 2017
Construction Completion:	Spring 2017

COMMUNITY CONNECTION:

Civic League:	Suburban Acres
Ward/Super Ward:	2 / 6

Project Manager:	CW Gaskill
Design Consultant:	CDM Smith
Construction Inspector:	Ryan Hudgins
Construction Contractor:	EQR, LLC



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
33.6	37.1	7,488
$12,589	$11,401	$47

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Anne Outten Pond Retrofit

Project Narrative: The project will upgrade the existing pond to a Virginia DEQ Level II retention pond. Improvements include dredging of the pond for additional volume, installation of wetland benches, and addition of forebays.

PROJECT STATUS: Under Construction

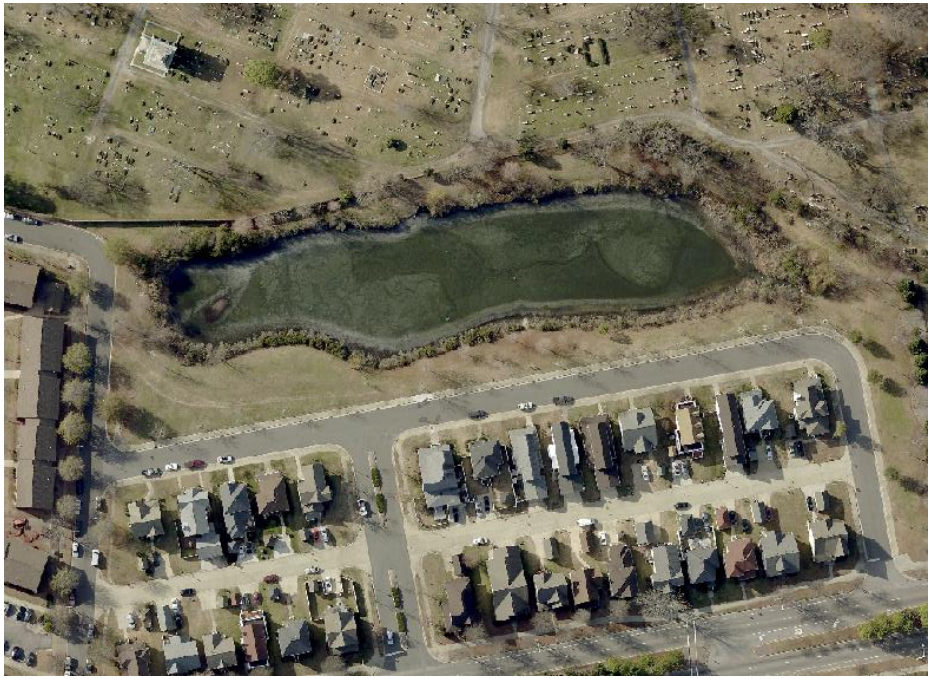
PROJECT SCHEDULE:

Design Completion: Fall 2016
Construction Start: Summer 2017
Construction Completion: Spring 2018

COMMUNITY CONNECTION:

Civic League: Attucks/Barberton/Church St.
Ward/Super Ward: 4 / 7

Project Manager: CW Gaskill
Design Consultant: Kimley-Horn & Associates
Construction Inspector: Ryan Hudgins
Construction Contractor: Carolina Marine Construction



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
39.38	137.62	2745.2
$13,679	$3914	$196

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Jeff Robertson Constructed Stormwater Wetland

Project Narrative: The project will construct a stormwater wetland at a park. A small upstream wet pond will be filled and a downstream ditch stabilization is included in the BMP design.

PROJECT STATUS: Under Construction

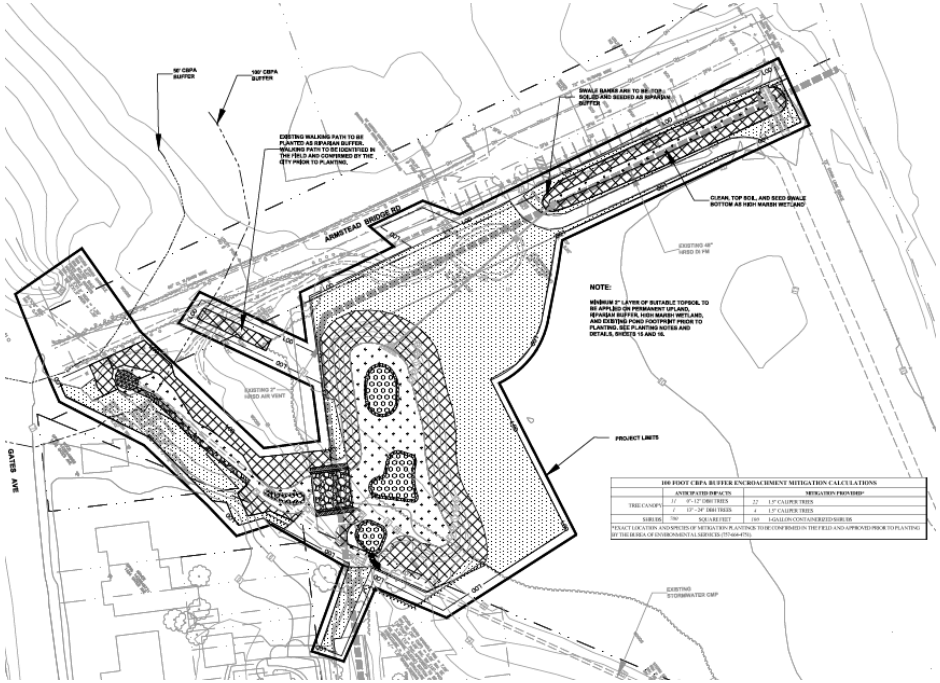
PROJECT SCHEDULE:

Design Completion: Winter 2016
Construction Start: Winter 2017
Construction Completion: Spring 2018

COMMUNITY CONNECTION:

Civic League: West Ghent
Ward/Super Ward: 2 / 6

Project Manager: CW Gaskill
Design Consultant: Kimley-Horn & Associates
Construction Inspector: Ryan Hudgins
Construction Contractor: Parkway Grading



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
8.41	38.35	3199.91
$31,840	$6,982	$84

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Juvenile Detention Center Pond Retrofit

Project Narrative: The project will expand and convert the existing dry pond/swale to a Virginia DEQ Level I retention pond. Improvements include outlet control modifications and addition of wetland benches, buffer plantings, and forebays.

PROJECT STATUS: Under Construction

PROJECT SCHEDULE:

Design Completion: Spring 2016
Construction Start: Winter 2017
Construction Completion: Summer 2017

COMMUNITY CONNECTION:

Civic League: Lake Taylor
Ward/Super Ward: 4 / 7

Project Manager: CW Gaskill
Design Consultant: CDM Smith
Construction Inspector: Ryan Hudgins
Construction Contractor: East-West Construction



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
24.3	96.1	11,434
$22,144	$5,599	$47

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Knitting Mill Creek Living Shoreline

Project Narrative: The project will stabilize the shoreline on Knitting Mill Creek in the Colonial Place neighborhood. 0.35 acres of wetland marsh will be restored.



PROJECT STATUS: Under Construction

PROJECT SCHEDULE:

Design Completion: Winter 2017
Construction Start: Spring 2017
Construction Completion: Fall 2017

COMMUNITY CONNECTION:

Civic League: Riverview/Colonial Place
Ward/Super Ward: 2/6

Project Manager: CW Gaskill
Design Consultant: Moffatt and Nichol
Construction Inspector: Ryan Hudgins
Construction Contractor: Carolina Marine Construction

THE CITY OF NORFOLK
PUBLIC WORKS

Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
1.96	32.14	12844.91
$324,660	$19,799	$50

Last Updated: 7/24/2017

Beach Avenue Living Shoreline

Project Narrative: The project will stabilize 896 linear feet of shoreline in the Riverview community. Up to 1.36 acres of wetland marsh will be restored. Oyster habitat will be established along the entire length of the project.

PROJECT STATUS: Designed, Pending Bid or Construction

PROJECT SCHEDULE:

Design Completion: Winter 2017
Construction Start: Fall 2017
Construction Completion: Spring 2018

COMMUNITY CONNECTION:

Civic League: Riverview/Colonial Place
Ward/Super Ward: 2/6

Project Manager: CW Gaskill
Design Consultant: Brown and Caldwell
Construction Inspector: TBD
Construction Contractor: TBD



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
4.53	74.38	15115.52
$158,212	$9,636	$47

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Central Business Park Pond Retrofit

Project Narrative: The project will upgrade the existing pond to a Virginia DEQ Level II retention pond. Improvements include dredging of the pond and addition of wetland benches, buffer plantings, aeration, and forebays.

PROJECT STATUS: Designed, Pending Bid or Construction

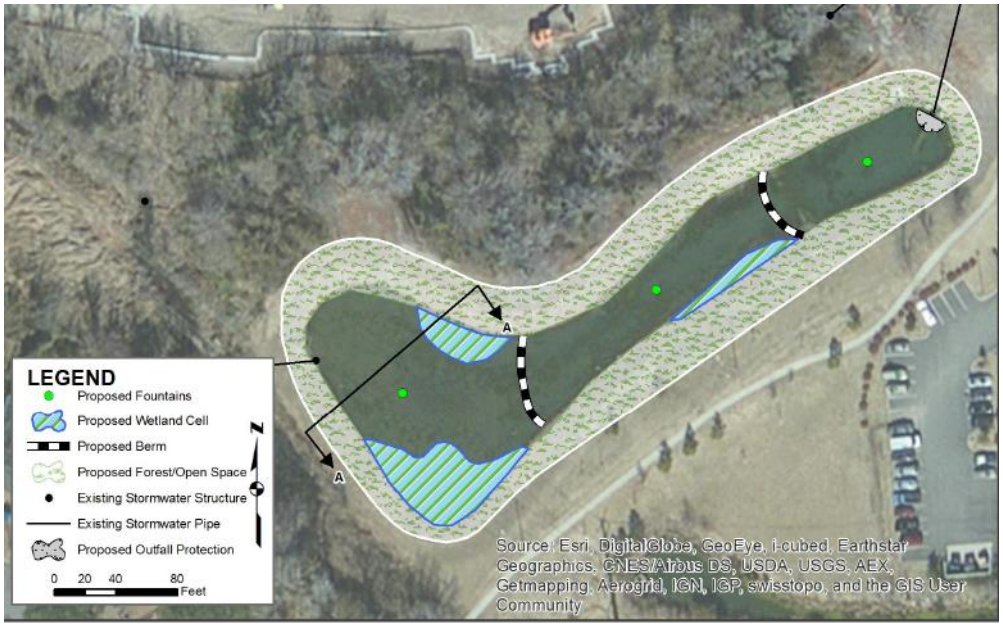
PROJECT SCHEDULE:

Design Completion: Winter 2017
Construction Start: Fall 2017
Construction Completion: Spring 2018

COMMUNITY CONNECTION:

Civic League: Chesapeake Gardens/ Mamie Homes
Ward/Super Ward: 3/7

Project Manager: CW Gaskill
Design Consultant: Kimley-Horn & Associates
Construction Inspector: TBD
Construction Contractor: TBD



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
11.37	38.84	1201.1
$37,587	$11,003	$356

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Dune Street Constructed Wetland

Project Narrative: The project will upgrade a shallow ditch to a DEQ Level II Constructed Wetland by expanding the width of the ditch, adding a forebay, and creating adjacent wetland cells.

PROJECT STATUS: Designed, Pending Bid or Construction

PROJECT SCHEDULE:

Design Completion: Winter 2017
Construction Start: Fall 2017
Construction Completion: Spring 2018

COMMUNITY CONNECTION:

Civic League: Northside
Ward/Super Ward: 5/6

Project Manager: CW Gaskill
Design Consultant: Kimley-Horn & Associates
Construction Inspector: TBD
Construction Contractor: TBD



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
6.4	23.4	5628
$35,124	$9,607	$40

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Hermitage Oyster Reef

Project Narrative: The project will restore 1.44 acres of oyster reef off the southern shoreline of the Hermitage Museum.

PROJECT STATUS: Designed, Pending Bid or Construction

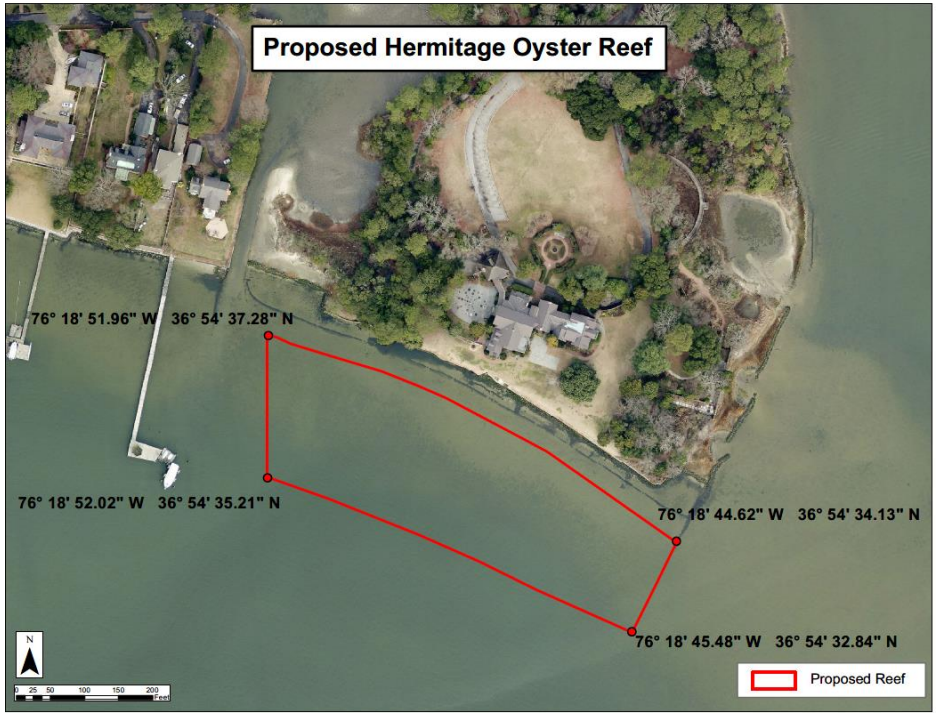
PROJECT SCHEDULE:

Design Completion: Spring 2017
Construction Start: Summer 2017
Construction Completion: Fall 2017

COMMUNITY CONNECTION:

Civic League: Lochhaven
Ward/Super Ward: 1/6

Project Manager: CW Gaskill
Design Consultant: Brown and Caldwell
Construction Inspector: Ryan Hudgins
Construction Contractor: Coastal Design and Construction / Chesapeake Bay Foundation



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
TBD	TBD	TBD
TBD	TBD	TBD

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Lake Modoc Pond Retrofit

Project Narrative: The project will upgrade the existing pond to a Virginia DEQ Level II retention pond. Improvements include dredging of the pond for additional volume, installation of wetland benches, and addition of forebays.

PROJECT STATUS: Designed, Pending Bid or Construction

PROJECT SCHEDULE:

Design Completion:	Fall 2016
Construction Start:	Summer 2017
Construction Completion:	Spring 2018

COMMUNITY CONNECTION:

Civic League:	Bayview
Ward/Super Ward:	5/ 6

Project Manager:	CW Gaskill
Design Consultant:	Kimley-Horn & Associates
Construction Inspector:	Ryan Hudgins
Construction Contractor:	Carolina Marine Construction



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
33.39	115.31	3062.3
$18,471	$5349	$201

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Lake Taylor Pond Retrofit

Project Narrative: The project will upgrade a former drinking water reservoir to a Virginia DEQ Level II retention pond. Improvements include dredging of the lake and addition of cell divisions with boat access weirs, wetland benches, buffer plantings, aeration, and forebays.

PROJECT STATUS: Designed, Pending Bid or Construction

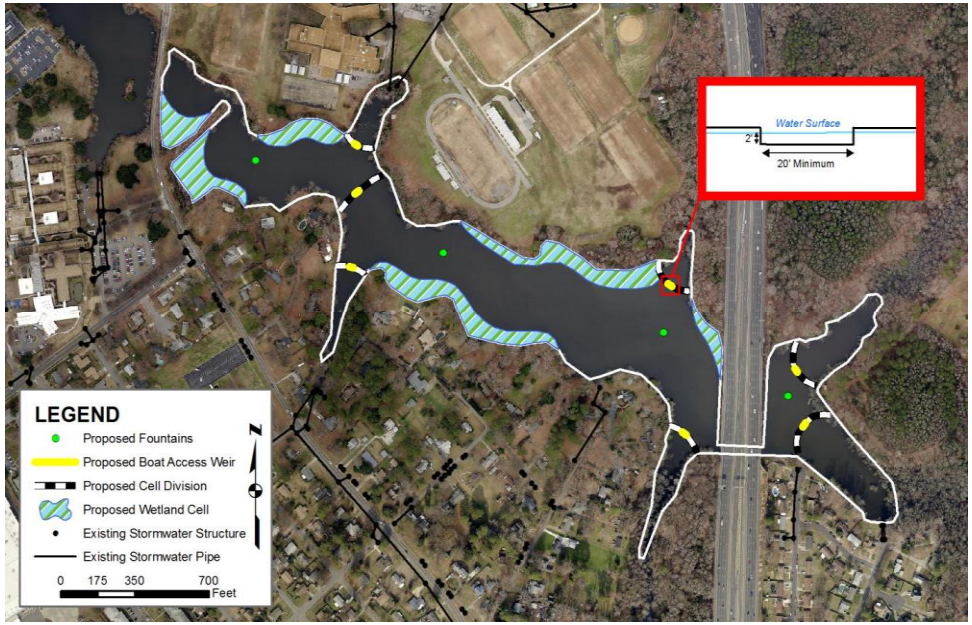
PROJECT SCHEDULE:

Design Completion: Summer 2017
Construction Start: Fall 2017
Construction Completion: Fall 2018

COMMUNITY CONNECTION:

Civic League: Lake Taylor/Hollywood Homes/ Maple Hall
Ward/Super Ward: 4/7

Project Manager: CW Gaskill
Design Consultant: Kimley-Horn & Associates
Construction Inspector: TBD
Construction Contractor: TBD



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
466.7	1681.32	63465
$3,674	$1,020	$27

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Roberts Road Pond Retrofit

Project Narrative: The project will upgrade the existing pond to a Virginia DEQ Level II retention pond. Improvements include dredging of the pond and addition of wetland benches, buffer plantings, aeration, and forebays.

PROJECT STATUS: Designed, Pending Bid or Construction

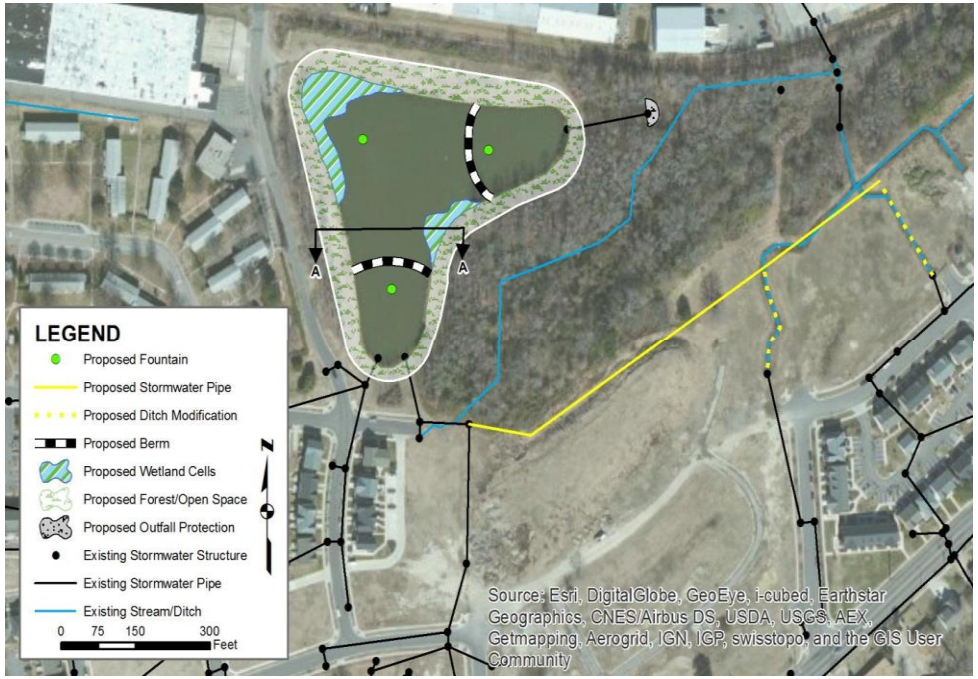
PROJECT SCHEDULE:

Design Completion: Winter 2017
Construction Start: Fall 2017
Construction Completion: Spring 2018

COMMUNITY CONNECTION:

Civic League: Broad Creek
Ward/Super Ward: 3 / 7

Project Manager: CW Gaskill
Design Consultant: Kimley-Horn & Associates
Construction Inspector: TBD
Construction Contractor: TBD



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
21.22	62.81	1576.9
$22,875	$7,728	$308

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Templar Boulevard Stream Restoration

Project Narrative: The project will restore a short section of highly erosive urban stream channel, utilizing natural channel design techniques. Improvements include bank stabilization and creation of riffle pools and a wetland bench.

PROJECT STATUS: Designed, Pending Bid or Construction

PROJECT SCHEDULE:

Design Completion: Winter 2017
Construction Start: Fall 2017
Construction Completion: Spring 2018

COMMUNITY CONNECTION:

Civic League: South Bayview
Ward/Super Ward: 5/6

Project Manager: CW Gaskill
Design Consultant: Kimley-Horn & Associates
Construction Inspector: TBD
Construction Contractor: TBD



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
19	41.2	36200
$10,779	$4,971	$6

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Villa Circle Living Shoreline

Project Narrative: The project will stabilize 2,639 linear fet of shoreline in the Villa Heights community. Up to 2.41 acres of wetland marsh will be restored. Habitat suitable for oyster recruitment will be established along the entire length of the project.

PROJECT STATUS: Designed, Pending Bid or Construction

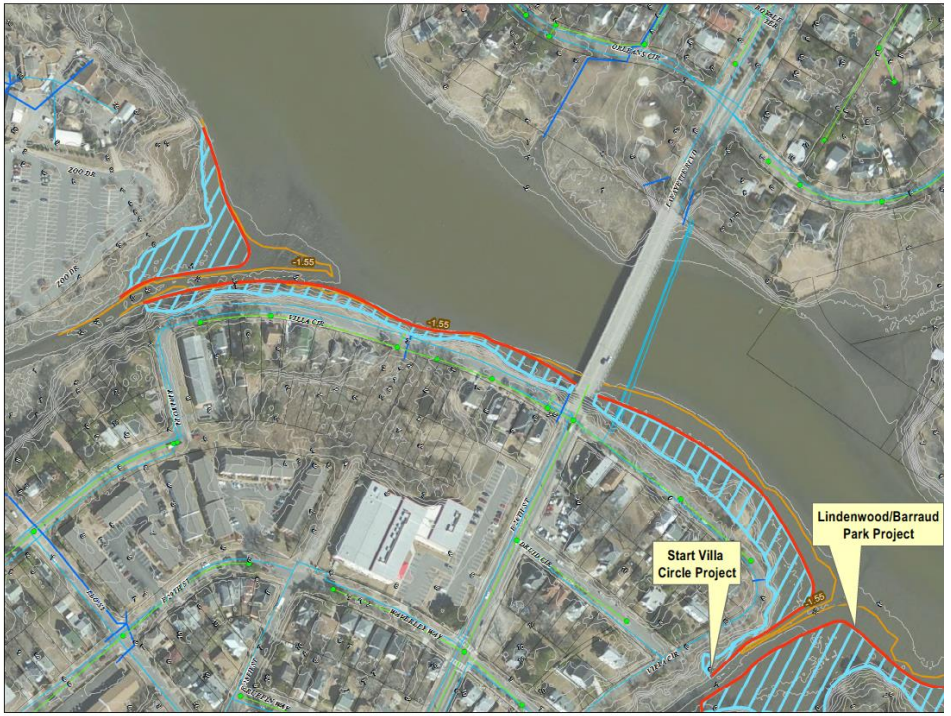
PROJECT SCHEDULE:

Design Completion: Winter 2017
Construction Start: Summer 2017
Construction Completion: Spring 2018

COMMUNITY CONNECTION:

Civic League: Villa Heights
Ward/Super Ward: 3/7

Project Manager: CW Gaskill
Design Consultant: Brown and Caldwell
Construction Inspector: Ryan Hudgins
Construction Contractor: Carolina Marine Construction



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
8.38	137.745	41350.84
$136,007	$8,274	$28

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Ballentine School Pond Retrofit

Project Narrative: The project will upgrade the existing pond to improve pollutant removal. Improvements include dredging and expansion of the pond and addition of wetland benches, buffer plantings, and forebays.

PROJECT STATUS: Under Design

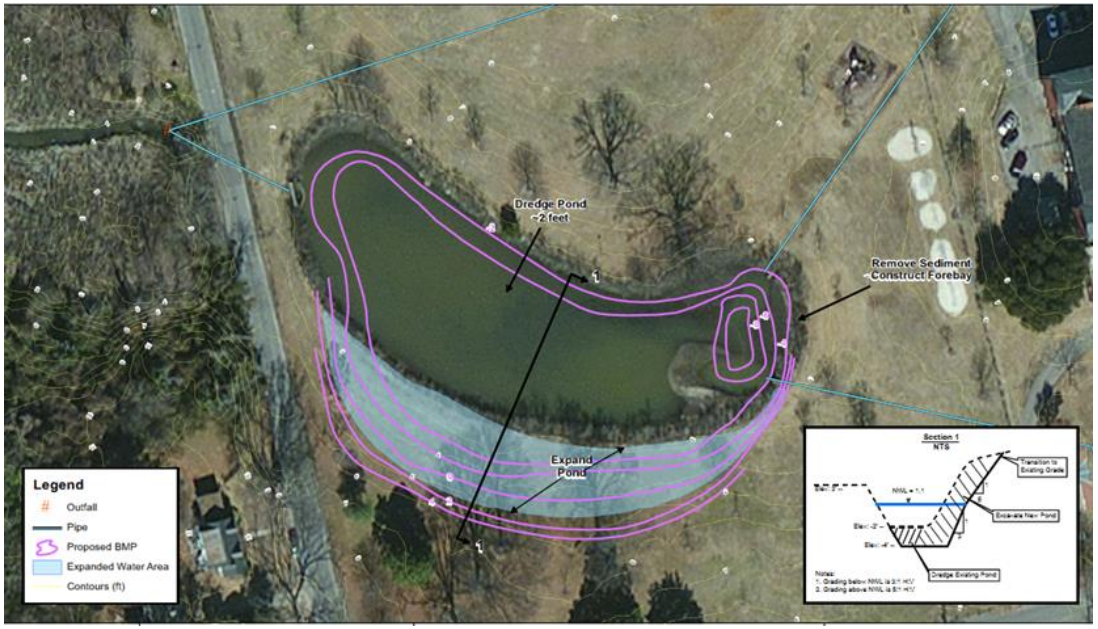
PROJECT SCHEDULE:

Design Completion:	Summer 2017
Construction Start:	Fall 2017
Construction Completion:	Spring 2018

COMMUNITY CONNECTION:

Civic League:	Ballentine Place
Ward/Super Ward:	3 / 7

Project Manager:	CW Gaskill
Design Consultant:	CDM Smith / WRA
Construction Inspector:	Ryan Hudgins
Construction Contractor:	TBD



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
66.01	210.38	11968.36
$11,301	$3,546	$62

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Hague Retention Pond Construction

Project Narrative: The project will construct a DEQ Level I retention basin in a low lying open space area as part of a larger restoration of the Hague watershed.

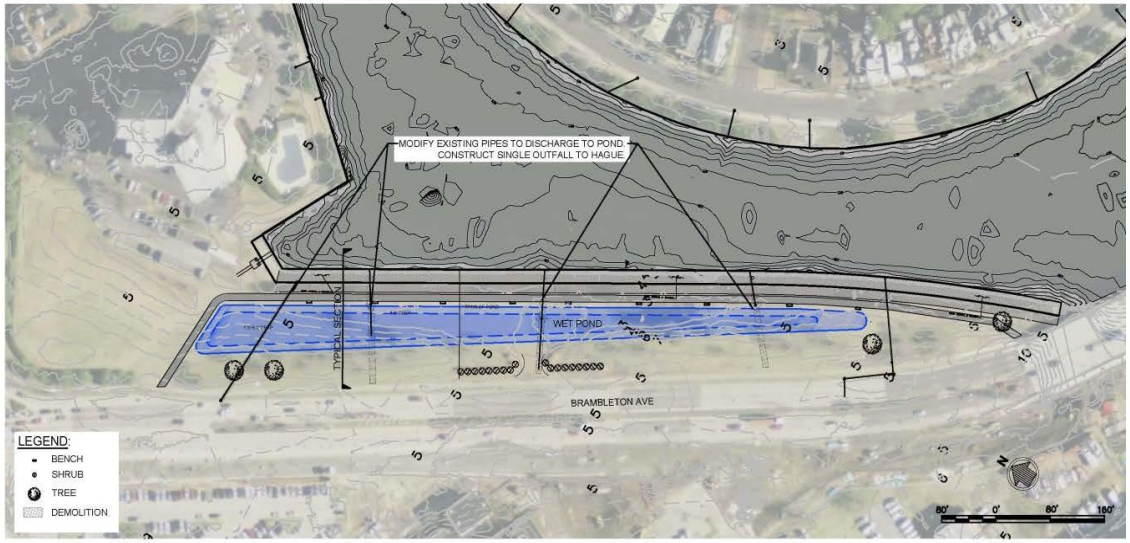
PROJECT STATUS: Under Design

PROJECT SCHEDULE:

Design Completion: Fall 2017
Construction Start: Spring 2018
Construction Completion: Fall 2018

COMMUNITY CONNECTION:

Civic League: Ghent
Ward/Super Ward: 2/6



Project Manager: Rey Hernandez
Design Consultant: Moffatt & Nichol
Construction Inspector: TBD
Construction Contractor: TBD

Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
17.7	92.84	4303.96
$33,681	$6,421	$139

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Hermitage West Living Shoreline

Project Narrative: The project will stabilize 972 linear feet of shoreline on the western and southwestern boundaries of the Hermitage Museum. Up to 2.47 acres of wetland marsh will be restored.

PROJECT STATUS: Under Design

PROJECT SCHEDULE:

Design Completion: Summer 2017
Construction Start: Winter 2017
Construction Completion: Fall 2018

COMMUNITY CONNECTION:

Civic League: Lochhaven
Ward/Super Ward: 1/6

Project Manager: CW Gaskill
Design Consultant: Brown and Caldwell
Construction Inspector: TBD
Construction Contractor: TBD



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
7.83	128.56	24299.79
$83,427	$5,081	$27

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Lindenwood/Barraud Park Living Shoreline

Project Narrative: The project will stabilize 2,458 linear feet of shoreline behind Barraud Park and the Lindenwood community. Up to 2.89 acres of wetland marsh will be restored.

PROJECT STATUS: Under Design

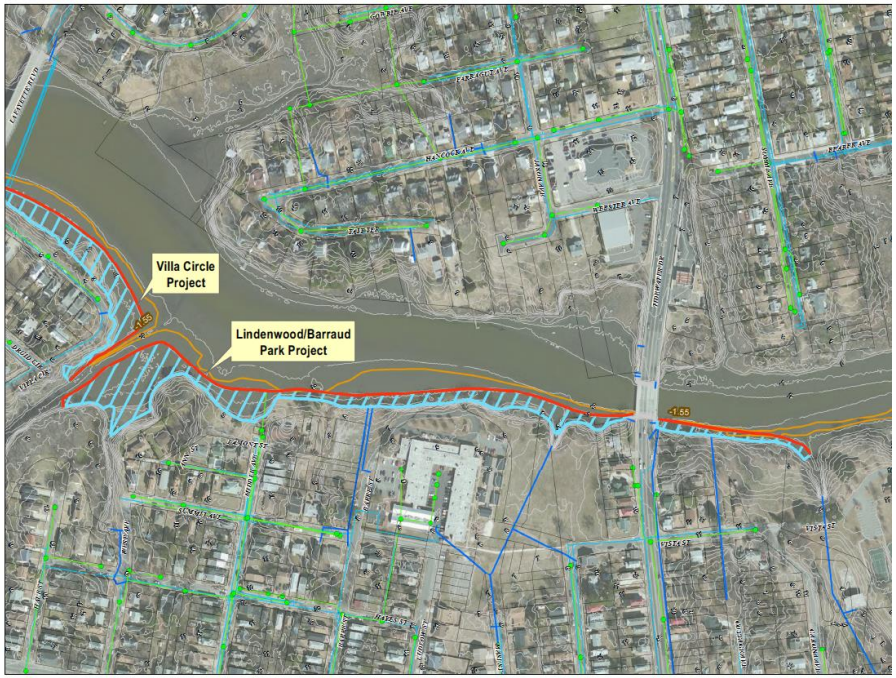
PROJECT SCHEDULE:

Design Completion: Summer 2017
Construction Start: Summer 2018
Construction Completion: Spring 2019

COMMUNITY CONNECTION:

Civic League: Barraud Park / Lindenwood
Ward/Super Ward: 3/7

Project Manager: CW Gaskill
Design Consultant: Brown and Caldwell
Construction Inspector: TBD
Construction Contractor: TBD



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
9.39	154.27	51467.1
$148,723	$9,052	$27

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

Norfolk International Terminals Living Shoreline

Project Narrative: The project will stabilize up to 3000 linear feet of shoreline along the southern boundary of the Norfolk International Terminal. Up to 2.06 acres of wetland marsh will be restored. No oyster habitat is proposed as Army Corps and Chesapeake Bay Foundation reefs already border much of the project area.

PROJECT STATUS: Under Design

PROJECT SCHEDULE:

Design Completion: Winter 2018
Construction Start: Summer 2018
Construction Completion: Spring 2019

COMMUNITY CONNECTION:

Civic League: Lochhaven
Ward/Super Ward: 1/6

Project Manager: CW Gaskill
Design Consultant: Brown and Caldwell
Construction Inspector: TBD
Construction Contractor: TBD



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
3.69	60.6	22761.82
$275,600	$16,782	$45

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

North Shore Road/Hermitage East Living Shoreline

Project Narrative: The project will stabilize 1676 linear feet of shoreline in the Lochhaven community and adjacent to the Hermitage Museum. Up to 1.74 acres of wetland marsh will be restored. Habitat suitable for oyster recruitment will be restored along the entire length of the project.

PROJECT STATUS: Under Design

PROJECT SCHEDULE:

Design Completion: Summer 2017
Construction Start: Winter 2017
Construction Completion: Fall 2018

COMMUNITY CONNECTION:

Civic League: Lochhaven
Ward/Super Ward: 1/6

Project Manager: CW Gaskill
Design Consultant: Brown and Caldwell
Construction Inspector: TBD
Construction Contractor: TBD



Pollutant Reduction (lbs/yr):
Cost Effectiveness ($/lb):

Phosphorous	Nitrogen	Sediment
5.81	95.5	60261.48
$179,260	$10,906	$17

THE CITY OF NORFOLK
PUBLIC WORKS

Last Updated: 7/24/2017

NORFOLK

Department of Public Works, Field Engineering & Environmental Management

August 2, 2016

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

RE: VPDES Permit No. VA0088650
Ref. ID #69275

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of waste oil on 8/1/2016 at 1:00PM at 3536 E. Little Creek Road in Norfolk, VA. The description of the incident is as follows:

Approximately 3000 gallons of waste oil from a UST on the property was released during a heavy rain/flooding event. It appears that most of the product was released into Little Creek during the storm. PetroChem was hired to clean the streets and storm drains, and also to pump any remaining product from the UST's onsite. The Fire Marshal's Office is requiring the proper closure of the UST's.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 8/1/2016 at 1:00PM, and again 8/2/2016 at 8:45AM.

Please let me know if you have any questions regarding this incident.

Sincerely,

Casey Magruder

Casey Magruder

Enclosure

cc: File

NORFOLK

Department of Public Works, Field Engineering & Environmental Management

VPDES PERMIT NO. VA0088650

INCIDENT NO:	69275
REPORT DATE:	8/2/2016
ESTIMATED QUANTITY:	3000 gals
TYPE OF DISCHARGE:	Waste Oil
LOCATION:	3536 E LITTLE CREEK ROAD
RESPONSIBLE PARTY: ADDRESS& PHONE:	Robinson Auto Sales 3536 E. Little Creek Road, 757-587-1111
DATE OF DISCHARGE:	8/1/2016
DATE/TIME REPORTED:	8/1/2016, 1pm
REPORTED TO DEQ/DCR BY:	Norfolk FMO & C. Magruder
REPORTED TO:	Phone – 8/1/2016; Online PREP – 8/2/2016
DESCRIPTION OF DISCHARGE:	Approximately 3000 gallons of waste oil from a UST was released during heavy rain/flooding event; appears that most of the oil was discharged into Little Creek
CORRECTIVE ACTION:	PetroChem was contacted and onsite to put booms and absorbents into stormwater system; they also pumped out remaining fluids in UST's; owner cited for several violations by FMO; DEQ contacted and UST staff will be assisting with closure of UST's
IMPACT TO STATE WATERS:	Little Creek

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Corey Magruder
Signature

8/2/16
Date

NORFOLK

Department of Public Works, Field Engineering & Environmental Management

August 10, 2016

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

RE: VPDES Permit No. VA0088650
Ref. ID #70334

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of gasoline on 8/9/2016 at 6:00PM at the intersection of Park Avenue and Brambleton Avenue in Norfolk, VA. The description of the incident is as follows:

Approximately 25 gallons of gasoline was released into the street after a citizen's vehicle gas line ruptured. The local Fire Department was able to contain the spill from the slow leak, and PetroChem was hired to recover the product and clean the street. No storm drains or waterways were affected.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 8/10/2016 at 1:50PM.

Please let me know if you have any questions regarding this incident.

Sincerely,

Casey Magruder

Casey Magruder

Enclosure

cc: File

NORFOLK

Department of Public Works, Field Engineering & Environmental Management

VPDES PERMIT NO. VA0088650

INCIDENT NO:	70334
REPORT DATE:	8/10/2016
ESTIMATED QUANTITY:	25 gals
TYPE OF DISCHARGE:	Gasoline
LOCATION:	Intersection of Park Ave. & Brambleton Ave.
RESPONSIBLE PARTY:	Citizen
ADDRESS& PHONE:	Unknown
DATE OF DISCHARGE:	8/9/2016, 6pm
DATE/TIME REPORTED:	8/10/2016, 1:50pm
REPORTED TO DEQ/DCR BY:	C. Magruder
REPORTED TO:	Online PREP
DESCRIPTION OF DISCHARGE:	Citizen's vehicle ruptured a gas line and approximately 25 gallons of gas spilled into the street
CORRECTIVE ACTION:	Local FD was able to contain the slow leak/spill; contractor hired to recover product from the street
IMPACT TO STATE WATERS:	None

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Casey Magruder
Signature

8/10/16
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

August 25, 2016

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 72156

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of waste motor oil on 8/24/2016 11:30:00 AM (36.888335125438, -76.30192895312). The description of the incident is as follows:

I went to inspect the stormwater BMP (a Filterra unit) at the Miller Neighborhood Market at 4900 Hampton Boulevard. When I arrived I noticed the asphalt was stained from the back of the building leading to the Filterra unit. A waste oil aboveground storage tank (AST) is located on the backside of the building behind the University Car Care shop, and it was the source of the release. It appears that the spilled waste oil flowed across the parking lot and into the Filterra unit. I talked to the manager of University Car Care (Josh Wese 757-423-1323). Mr. Wese said the spill occurred over the weekend and they cleaned it up as best they could with oil dry.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 8/25/2016 9:30:00 AM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle Quick, P.G.
Environmental Specialist II

Enclosures

cc: File

THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**72156**
REPORT DATE:	**8/25/2016 9:35:21 AM**
ESTIMATED QUANTITY:	**25 gals**
TYPE OF DISCHARGE:	**Waste Motor Oil**
LOCATION:	**ILLICIT DISCHARGE - 4900 Hampton Blvd 2016-8-24 4900 HAMPTON BOULEVARD 36.888335125438, -76.30192895312**
RESPONSIBLE PARTY: ADDRESS& PHONE:	**University Car Care 4900-B Hampton Boulevard, Norfolk, VA 23508 (757) 423-1323**
DATE OF DISCHARGE:	**8/24/2016 11:30:00 AM**
DATE/TIME REPORTED:	**8/25/2016 9:30:00 AM**
REPORTED TO DEQ BY:	**Kyle Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**I went to inspect the stormwater BMP (a Filterra unit) at the Miller Neighborhood Market at 4900 Hampton Boulevard. When I arrived I noticed the asphalt was stained from the back of the building leading to the Filterra unit. A waste oil aboveground storage tank (AST) is located on the backside of the building behind the University Car Care shop, and it was the source of the release. It appears that the spilled waste oil flowed across the parking lot and into the Filterra unit. I talked to the manager of University Car Care (Josh Wese 757-423-1323). Mr. Wese said the spill occurred over the weekend and they cleaned it up as best they could with oil dry.**
CORRECTIVE ACTION:	**Mr. Wese with University Car Care said the spill occurred over the weekend and they cleaned it up as best they could with oil dry. I also spoke with the manager of the Miller Neighborhood Market Store (responsible for maintaining the Filterra unit) about it and sent them a letter stating the oil-contaminated filter media within the Filterra unit needs to the removed, properly disposed of, and replaced.**

IMPACT TO STATE WATERS: **unlikely**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Signature

8/25/2016
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

September 2, 2016

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 73056

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of Cooking Oil and Grease on 9/1/2016, 1:25:00 PM (36.954860811534, -76.25417222161). The description of the incident is as follows:

Received notification from a City of Norfolk Depart of Utilities inspector about grease coming out of a roof drain behind the Osaka Express Hibachi restaurant at 191 W. Ocean View Ave. in Norfolk, Virginia. The restaurant is located within a strip mall. I spoke with the property manager (Mr. John Shourdes of S.L. Nausbaum) and he said they have a grease trap on the roof that collects grease from the hood ventilation system over the cooking range. Upon inspection the grease trap was damaged (quarter-size hole in base of trap) and was leaking oil and grease onto the roof, into the roof gutter, down the downspout, and into the parking lot behind the restaurant. The Norfolk Fire Marshall's Office also inspected the incident and "red tagged" their cooking equipment (meaning they cannot cook) until the issues were addressed since it is not only an illicit discharge but also a fire hazard. The store manager is required to clean and repair the ventilation system and grease trap, and clean the oil and grease from the roof, gutter, downspout, and parking lot.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 9/2/2016, 8:15:00 AM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle B Quick

Kyle Quick, P.G.
Environmental Specialist II

Enclosures

cc: File

CORRECTIVE ACTION: **Upon inspection the grease trap was damaged (quarter-size hole in base of trap) and was leaking oil and grease onto the roof, into the roof gutter, down the downspout, and into the parking lot behind the restaurant. The restaurant manager was cleaning up the grease at the downspout when I arrived. The Norfolk Fire Marshall's Office also inspected the incident and "red tagged" their cooking equipment (meaning they cannot cook) until the issues were addressed since it is not only an illicit discharge but also a fire hazard. The store manager is required to clean and repair the ventilation system and grease trap, and clean the oil and grease from the roof, gutter, downspout, and parking lot.**

IMPACT TO STATE WATERS: **Chesapeake Bay**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Signature

9/2/2016
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**73056**
REPORT DATE:	**9/2/2016 8:36:34 AM**
ESTIMATED QUANTITY:	**3 gals**
TYPE OF DISCHARGE:	**Cooking oil and grease**
LOCATION:	**ILLICIT DISCHARGE 191 W. Ocean View Ave. 2016-8-31 191 W OCEAN VIEW AVENUE 36.954860811534, -76.25417222161**
RESPONSIBLE PARTY: ADDRESS& PHONE:	**Qirong Huang, Osaka Express Hibachi 191 W. Ocean View Ave., Norfolk, VA 23503 757-480-5320**
DATE OF DISCHARGE:	**9/1/2016 1:25:00 PM**
DATE/TIME REPORTED:	**9/2/2016 8:15:00 AM**
REPORTED TO DEQ/DCR BY:	**Kyle Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**Received notification from a City of Norfolk Depart of Utilities inspector about grease coming out of a roof drain behind the Osaka Express Hibachi restaurant at 191 W. Ocean View Ave. in Norfolk, Virginia. The restaurant is located within a strip mall. I spoke with the property manager (Mr. John Shourdes of S.L. Nausbaum) and he said they have a grease trap on the roof that collects grease from the hood ventilation system over the cooking range.**

THE CITY OF
NORFOLK
PUBLIC WORKS

September 26, 2016

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 75527

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of soil on 9/22/2016, at 1:30:00 PM (36.890134303018, -76.23603512425). The description of the incident is as follows:

I noticed a soil stockpile located along the eastern edge of the property at 1231 Norview Avenue. The site is a Shell Gas Station and according to the owner (Ralph Ferraro with Miller Oil Co.) the underground storage tanks USTs were removed from the station a couple of days prior. Reportedly the stockpile is material brought in to backfill the top few inches of the excavation before repaving the area. Twelve inches or more of rain had fallen over the prior 2 days and it was evident that soil had washed off the site from the stockpile and/or excavation onto Humboldt Street and into a storm drain (structure # J103333).

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 9/2/2016, 8:15:00 AM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle B Quick

Kyle Quick, P.G.
Environmental Specialist II

Enclosures

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THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**75527**
REPORT DATE:	**9/26/2016 9:38:32 AM**
ESTIMATED QUANTITY:	**unknown lbs**
TYPE OF DISCHARGE:	**Soil**
LOCATION:	**Illicit Discharge - 1231 Norview Ave. 2016-9-22** **1231 NORVIEW AVENUE** **36.890134303018, -76.23603512425**
RESPONSIBLE PARTY: **ADDRESS& PHONE:**	**Miller Oil Co., Inc., c/o Mr. Ralph Ferraro** **1000 E. City Hall Ave., Norfolk, VA 23504** **757-640-2124**
DATE OF DISCHARGE:	**9/22/2016 1:30:00 PM**
DATE/TIME REPORTED:	**9/26/2016 9:30:00 AM**
REPORTED TO DEQ/DCR BY:	**K. Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**I noticed a soil stockpile located along the eastern edge of the property at 1231 Norview Ave. The site is a Shell Gas Station and according to the owner (Ralph Ferraro with Miller Oil Co.) the USTs were removed from the station a couple of prior to 9/22/2016. Reportedly the stockpile is material brought in to backfill the top few inches of the excavation before repaving the area. Twelve inches or more of rain had fallen over the prior 2 days and it was evident that soil had washed off the site from the stockpile and/or excavation onto Humboldt Street and into a storm drain (structure # J103333).**
CORRECTIVE ACTION:	**A Notice of Violation for pollution of the stormwater system was issued to the site owner, Miller Oil Company, and they were given 24 hours to clean the remaining soil out of Humboldt Street and stabilize the soil onsite.** **I came back at 13:00 on 9/23/2016, and the site contractor (Driscoll's Contracting, Inc.) had cleaned the remaining soil out of Humboldt Street and stabilized the soil onsite.**

IMPACT TO STATE WATERS: **unknown**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Kyle B Quick
Signature

9/26/2016
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

October 10, 2016

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 77163

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of #2 fuel oil on 10/9/2016 at 11:45:00 AM (36.942897517238, -76.25558842797). The description of the incident is as follows:

A reportedly emptied residential #2 fuel oil underground storage tank overflowed oil into the yard at 242 E. Randall Avenue in Norfolk, Virginia. A terra cotta pipe that drains the roof downspout to Hammett Avenue was broken and drained the overflowed oil to Hammett Avenue and to the storm drain located at the northwest corner of the intersection of Hammett Avenue and Randall Avenue. Absorbents were placed around the storm drain, inlet and outlet of terra cotta pipe, and UST source to prevent the spread of the oil release. A cleanup contractor was reportedly contacted by the property owner.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 10/9/2016 3:30:00 PM.

Please let me know if you have any questions regarding this incident.
The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 9/2/2016, 8:15:00 AM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle Quick, P.G.
Environmental Specialist II

Enclosures

cc: File

THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**77163**
REPORT DATE:	**10/10/2016 7:40:02 AM**
ESTIMATED QUANTITY:	**unknown**
TYPE OF DISCHARGE:	**#2 fuel oil**
LOCATION:	**ILLICIT DISCHARGE - 242 E. Randall 2016-10-9** **242 E RANDALL AVENUE** **36.942897517238, -76.25558842797**
RESPONSIBLE PARTY: **ADDRESS& PHONE:**	**Mr. Gus Vassos** **242 E. Randall Ave., Norfolk, VA 23503** **757-287-5397**
DATE OF DISCHARGE:	**10/9/2016 11:45:00 AM**
DATE/TIME REPORTED:	**10/9/2016 3:30:00 PM**
REPORTED TO DEQ BY:	**Kyle Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**A reportedly emptied residential #2 fuel oil underground storage tank overflowed oil into yard at 242 E. Randall Avenue. A terra cotta pipe that drains the roof downspout to Hammett Avenue was broken and drained the overflowed oil to Hammett Avenue and to the stormdrain located at the northwest corner of the intersection of Hammett Avenue and Randall Avenue.**
CORRECTIVE ACTION:	**Absorbents were placed around the stormdrain, inlet and outlet of terra cotta drain, and UST source to prevent the spread of the oil release. The property owner (Mr. Gus Vassos) had reportedly contacted a cleanup contractor.**
IMPACT TO STATE WATERS:	**unknown**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Kyle B Quick
Signature

10/10/2016
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

October 10, 2016

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 77164

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of #2 fuel oil on 10/9/2016 at 1:00:00 PM (36.88155492974, -76.24829818387). The description of the incident is as follows:

A reportedly emptied residential #2 fuel oil underground storage tank overflowed oil into the yard at 3564 Buckingham Street due to excessive rain from Hurricane Matthew. Oil flowed out of the yard, into Buckingham Avenue, and east along Buckingham Avenue to the nearest storm drain located approximately 250 feet west of 3564 Buckingham Street. The homeowner recovered approximately 1-2 gallons of fuel oil using a shop vacuum, and tried to mitigate the spread of the oil using dirt. Upon responding, absorbents were placed along the curb line to catch the residual oil flowing down the curb line of Buckingham Avenue. A cleanup contractor arrived onsite at approximately 4:30 pm to cleanup the residual oil in the yard, along the curb line, and the residual oil pooled at 3544 Buckingham Avenue.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 10/9/2016 4:00:00 PM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle B Quick

Kyle Quick, P.G.
Environmental Specialist II

Enclosures

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THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**77164**
REPORT DATE:	**10/10/2016 8:25:07 AM**
ESTIMATED QUANTITY:	**unknown**
TYPE OF DISCHARGE:	**#2 fuel oil**
LOCATION:	**ILLILLICIT DISCHARGE - 3564 Buckingham St 2016-10-9** **3564 BUCKINGHAM STREET** **36.88155492974, -76.24829818387**
RESPONSIBLE PARTY: **ADDRESS& PHONE:**	**Mr. Charles Winslow** **3564 Buckingham St., Norfolk, VA 23513** **757-284-7858**
DATE OF DISCHARGE:	**10/9/2016 1:00:00 PM**
DATE/TIME REPORTED:	**10/9/2016 4:00:00 PM**
REPORTED TO DEQ/DCR BY:	**Kyle Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**Reportedly emptied residential #2 fuel oil underground storage tank overflowed oil into yard at 3564 Buckingham Street due to excessive rain from Hurricane Matthew. Oil flowed out of the yard, into Buckingham Avenue, and east along Buckingham Avenue to the nearest storm drain located approximately 250 feet west of 3564 Buckingham Street.**
CORRECTIVE ACTION:	**The homeowner recovered approximately 1-2 gallons of fuel oil using a shop vacuum, and tried to mitigate the spread of the oil using dirt. Upon responding, absorbents were placed along the curb line to catch the residual oil flowing down the curb line of Buckingham Avenue. A cleanup contractor arrived onsite at approximately 4:30 pm to cleanup the residual oil in the yard, along the curb line, and the residual oil pooled at 3544 Buckingham Avenue.**

IMPACT TO STATE WATERS: **unknown**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Signature

10/10/2016
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

October 10, 2016

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 77162

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of #2 fuel oil on 10/9/2016 at 12:00:00 PM (36.915002241753, -76.28005017419). The description of the incident is as follows:

A #2 fuel oil underground storage tank overflowed oil into the yard of 406 Burleigh Avenue in Norfolk, Virginia. The released oil drained out of the yard into Burleigh Avenue and into the storm sewer system. The homeowner contacted a cleanup contractor (Petrochem Recovery Services). The cleanup contractor recovered the remaining residual oil and water in the UST using vacuum extraction, recovered and treated the residual oil in the yard and along Burleigh Avenue using absorbents and an emergency liquid spill control.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 10/9/2016 12:35:00 PM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle B Quick

Kyle Quick, P.G.
Environmental Specialist II

Enclosures

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THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**77162**
REPORT DATE:	**10/10/2016 9:51:46 AM**
ESTIMATED QUANTITY:	**unknown**
TYPE OF DISCHARGE:	**#2 fuel oil**
LOCATION:	**ILLICIT DISCHARGE - 406 Burleigh Ave 2016-10-9** **406 BURLEIGH AVENUE** **36.915002241753, -76.28005017419**
RESPONSIBLE PARTY: **ADDRESS& PHONE:**	**Ms. Deborah Hoke** **406 Burleigh Ave., Norfolk, VA 23505** **757-615-1524**
DATE OF DISCHARGE:	**10/9/2016 12:00:00 PM**
DATE/TIME REPORTED:	**10/9/2016 12:35:00 PM**
REPORTED TO DEQ BY:	**June Whitehurst**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**A #2 fuel oil underground storage tank overflowed oil into the yard of 406 Burleigh Avenue in Norfolk, Virginia. The released oil drained out of the yard into Burleigh Avenue and into the storm sewer system.**
CORRECTIVE ACTION:	**The homeowner contacted a cleanup contractor (Petrochem Recovery Services). The cleanup contractor recovered the remaining residual oil and water in the UST using vacuum extraction, and recovered and treated the residual oil in the yard and along Burleigh Avenue using absorbents and an emergency liquid spill control.**
IMPACT TO STATE WATERS:	**unknown**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Signature

10/10/2016
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

October 13, 2016

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 77481

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of motor oil on 10/12/2016 at 12:30 PM. The description of the incident is as follows:

VDOT recently purchased the property at 1401 N. Military HWY in Norfolk, VA. Construction crews noticed a sheen in the ditch and traced the source to a maintenance repair shop. Behind the shop was an open barrel of oil filters and other evidence of oil leaks/spills. Absorbent booms were placed in the ditch at a downstream culvert, and a contractor has been hired to remediate the spill and clean the area behind the maintenance building.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 10/12/2016 at 3:00 PM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Casey Magruder
Environmental Program Administrator

Enclosure

THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**77481**
REPORT DATE:	**10/13/2016**
ESTIMATED QUANTITY:	**Unknown**
TYPE OF DISCHARGE:	**Motor Oil**
LOCATION:	**ILLICIT DISCHARGE - VDOT** **1401 N. Military HWY**
RESPONSIBLE PARTY: **ADDRESS& PHONE:**	**VDOT** **1700 North Main St., Suffolk, VA**
DATE OF DISCHARGE:	**10/12/2016 12:30 PM**
DATE/TIME REPORTED:	**10/12/2016 3:00 PM**
REPORTED TO DEQ BY:	**C. Magruder**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**VDOT recently purchased the property and found a sheen in the ditch behind a vehicle maintenance shop; there was an open barrel of oil filters that appeared to be the source of the sheen**
CORRECTIVE ACTION:	**VDOT placed oil absorbent booms at a culvert downstream and hired contractor to clean the ditch and remove the source of contamination and clean the area behind the old shop**
IMPACT TO STATE WATERS:	**Broad Creek**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Casey Magruder
Signature

10/13/16
Date

2233 McKANN AVENUE ▪ NORFOLK, VIRGINIA 23509 ▪ 757-823-4010
www.norfolk.gov

THE CITY OF
NORFOLK
PUBLIC WORKS

October 14, 2016

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 77654

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of #2 fuel oil assumingly on 10/8/2016 at 318 W. 28th Street, in Norfolk Virginia (36.873963161103, -76.2871338882). The description of the incident is as follows:

A home-heating oil underground storage tank (UST) overflow occurred at 316 W. 28th Street in Norfolk, Virginia. The released oil ran out of the backyard, down the driveway, west along 28th Street, and north along DeBree Avenue until draining into the stormdrain at the intersection of DeBree Avenue and 30th Street. The incident was discovered on 10/13/2016 at approximately 13:00. The date the incident occurred is unknown, but is assumed to have happened this past Saturday (10/8/2016) during Hurricane Matthew. The property owner (Mr. Joseph Lee) was notified on 10/13/2016 that he needs to remove any residual oil and oily water from the UST and to clean the contaminated areas. Mr. Lee stated he would be hiring a cleanup contractor to complete the needed work.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 10/13/2016 14:46:00 PM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle B Quick

Kyle Quick, P.G.
Environmental Specialist II

Enclosures

cc: File

THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**77654**
REPORT DATE:	**10/14/2016 8:35:44 AM**
ESTIMATED QUANTITY:	**unknown**
TYPE OF DISCHARGE:	**#2 fuel oil**
LOCATION:	**ILLICIT DISCHARGE - 318 W 28th St. 2016-10-13 318 W 28TH STREET 36.873963161103, -76.2871338882**
RESPONSIBLE PARTY: ADDRESS& PHONE:	**Mr. Joseph Lee 1773 Gravenhurst Dr., Virginia Beach, VA 23464 757-515-5953**
DATE OF DISCHARGE:	**10/8/2016 10:00:00 PM**
DATE/TIME REPORTED:	**10/13/2016 2:46:00 PM**
REPORTED TO DEQ/DCR BY:	**K. Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**Home heating oil UST overflow at 316 W. 28th St. in Norfolk, VA. Released oil ran out of the backyard, down the driveway, west along 28th Street, and north along DeBree Ave. until draining into the stormdrain at the intersection of DeBree Ave. and 30th St. The incident was discovered on 10/13/2016 at approximately 13:00. The date the incident occurred is unknown, but is assumed to have happened this past Saturday (10/8/2016) during Hurricane Matthew.**
CORRECTIVE ACTION:	**The property owner (Mr. Joseph Lee) was notified on 10/13/2016 that he needs to remove any residual oil and oily water from the UST and to clean the contaminated areas. Mr. Lee stated he would be hiring a cleanup contractor to complete the needed work.**

IMPACT TO STATE WATERS: **unknown**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Kyle B Quick
Signature

10/14/2016
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

October 19, 2016

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
Reference ID #78201

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of hydraulic fluid on 10/19/2016 at 8:15 AM. The description of the incident is as follows:

A City trash truck blew a hydraulic line and spilled approximately 60 gallons of hydraulic fluid into the street. Approximately 15 gallons entered the storm drain, but due to a blocked storm drain, the product was contained and able to be recovered. A contractor was hired to clean the product from the street and pump out the storm drain. No waterways were affected.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 10/19/2016 at 8:30 AM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Casey Magruder

Casey Magruder
Environmental Program Administrator

Enclosure

THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**78201**
REPORT DATE:	**10/20/2016**
ESTIMATED QUANTITY:	**60 gals**
TYPE OF DISCHARGE:	**Hydraulic Fluid**
LOCATION:	**ILLICIT DISCHARGE – WM Truck 230 E LITTLE CREEK ROAD**
RESPONSIBLE PARTY: ADDRESS& PHONE:	**City of Norfolk - Public Works Waste Management 1176 Pineridge Road**
DATE OF DISCHARGE:	**10/19/2016 8:15 AM**
DATE/TIME REPORTED:	**10/19/2016 8:30 AM**
REPORTED TO DEQ BY:	**C. Magruder**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**City trash truck blew a hydraulic line and spilled approximately 60 gallons of hydraulic fluid into the street; approximately 15 gallons entered the storm drain; due to a blocked storm drain, product was contained and no waterways were affected**
CORRECTIVE ACTION:	**Contractor cleaned product from the street and pumped out the storm drain; booms left in 2 stormwater structures**
IMPACT TO STATE WATERS:	**None**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Casey Magruder
Signature

10/20/16
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

November 4, 2016

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 79782

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of hydraulic fluid on 11/1/2016 at approximately 11:00:00 AM (36.842420669325, -76.28075291295). The description of the incident is as follows:

A small tractor leaked hydraulic fluid from Harbor Park Stadium parking lot to the City maintenance yard located at 140 East Street in Norfolk Virginia. The quantity of hydraulic oil released is estimated to be between 5-10 gallons.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 11/1/2016 2:45:00 PM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle B Quick

Kyle Quick, P.G.
Environmental Specialist II

Enclosures

cc: File

THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**79782**
REPORT DATE:	**11/4/2016 7:46:06 AM**
ESTIMATED QUANTITY:	**8 gals**
TYPE OF DISCHARGE:	**hydraulic fluid**
LOCATION:	**ILLICIT DISCHARGE - East Street Yard 2016-11-1 140 EAST STREET 36.842420669325, -76.28075291295**
RESPONSIBLE PARTY: ADDRESS& PHONE:	**City of Norfolk - Recreation, Parks, & Open Space 401 Monticello Ave., Ste. 420, Norfolk, VA 23510**
DATE OF DISCHARGE:	**11/1/2016 11:00:00 AM**
DATE/TIME REPORTED:	**11/1/2016 2:45:00 PM**
REPORTED TO DEQ BY:	**Kyle Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**A small tractor leaked hydraulic fluid from Harbor Park Stadium parking lot to the City maintenance yard located at 140 East Street in Norfolk Virginia. The quantity of hydraulic oil released is estimated to be between 5-10 gallons.**
CORRECTIVE ACTION:	**None of released hydraulic oil made it to the stormdrains at the time the incident was investigated at 12:00 pm. City maintenance workers cleaned up the release on November 1-2 using oil dry and absorbent pads.**
IMPACT TO STATE WATERS:	**none**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Kyle B Quick
Signature

11/4/2016
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

November 4, 2016

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 79782

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of a mixture of chlorine bleach and water used for pressure washing on 11/1/2016 at approximately 9:00:00 AM (36.868423709769, -76.29775275369). The description of the incident is as follows:

The manager of the Ynot Italian restaurant stated they had the patio and sidewalk pressure washed that morning by Marc's Pressure & Rook Cleaning Inc. A solution of chlorine bleach and water was used to pressure wash the sidewalk based on the odor present when the incident was investigated at 12:30 pm. I notified the manager of Ynot that the waste water present in the street needs to be recovered. The pressure-washing waste water that was left along the street was mostly recovered that evening by Marc's Pressure & Rook Cleaning Inc. using a wet/dry vacuum. Both Ynot and Marc's Pressure & Rook Cleaning Inc. were notified that it is a violation of the city's MS4 permit for the pressure washing wastewater to be allowed to enter the stormwater system, and it must be recovered during cleaning operations.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 11/1/2016 3:00:00 PM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle B Quick

Kyle Quick, P.G.
Environmental Specialist II

Enclosures

cc: File

THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**79801**
REPORT DATE:	**11/4/2016 9:07:10 AM**
ESTIMATED QUANTITY:	**25 gals**
TYPE OF DISCHARGE:	**Mixture of chlorine bleach and water**
LOCATION:	**ILLICIT DISCHARGE - 1517 Colley Ave. 2016-11-1** **1517 COLLEY AVENUE** **36.868423709769, -76.29775275369**
RESPONSIBLE PARTY: **ADDRESS& PHONE:**	**Ynot Italian Restaurant** **1517 Colley Ave., Norfolk, VA 23517** **757-624-9111**
DATE OF DISCHARGE:	**11/1/2016 9:00:00 AM**
DATE/TIME REPORTED:	**11/1/2016 3:00:00 PM**
REPORTED TO DEQ BY:	**K. Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**The manager of Ynot stated they had the patio and sidewalk pressure washed that morning by Marc's Pressure & Rook Cleaning Inc. (757-722-3920). A solution of chlorine bleach and water was used to pressure wash the sidewalk based on the odor present when the incident was investigated at 12:30 pm.**
CORRECTIVE ACTION:	**I notified the manager of Ynot (757-624-9111) that the waste water present in the street needs to be recovered. The pressure-washing waste water that was left along the street was mostly recovered that evening (11/1/2016) by Marc's Pressure & Rook Cleaning Inc. using a wet/dry vacuum. Both Ynot and Marc's Pressure & Rook Cleaning Inc. were notified that it is a violation of the city's MS4 permit for the pressure washing wastewater to be allowed to enter the stormwater system, and it must be recovered during cleaning operations.**

IMPACT TO STATE WATERS: **none**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Kyle B Quick
Signature

11/4/2016
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

November 10, 2016

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
Reference ID #80781

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of diesel on 11/10/2016 at 10:00 AM. The description of the incident is as follows:

A City dump truck was hit by another City vehicle, puncturing the fuel tank and spilling approximately 50 gallons of diesel into the yard. City forces blocked the storm drains and cleaned up the spill with sand and oil-dri. No product entered the storm drains, and no waterways were affected.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 11/10/2016 at 12:15 PM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Casey Magruder

Casey Magruder
Environmental Program Administrator

Enclosure

THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**80781**
REPORT DATE:	**11/10/2016**
ESTIMATED QUANTITY:	**50 gals**
TYPE OF DISCHARGE:	**Diesel**
LOCATION:	**ILLICIT DISCHARGE – City Dump Truck 2205 McKann Ave.**
RESPONSIBLE PARTY: ADDRESS& PHONE:	**City of Norfolk - Public Works Operations 2205 McKann Ave.**
DATE OF DISCHARGE:	**11/10/2016 10:00 AM**
DATE/TIME REPORTED:	**11/10/2016 12:15 PM**
REPORTED TO DEQ BY:	**C. Magruder**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**City dump truck was hit by another vehicle, puncturing the fuel tank and spilling diesel into the City of Norfolk Public Works Operations yard**
CORRECTIVE ACTION:	**All storm drains were immediately blocked and all product was contained; City forces used sand and oil-dri to clean up the spill**
IMPACT TO STATE WATERS:	**None**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Signature

11/10/16
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

December 13, 2016

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 83566

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of latex paint on 12/12/2016 at 12:00:00 PM (36.874810678504, -76.25317712207). The description of the incident is as follows:

A 1-gallon paint can (presumably fell/thrown out of a vehicle) busted on the driveway apron of 3038 Ballentine Boulevard, and spilled paint along the road and driveway. Some of the spilled paint mixed with standing water from a rain earlier that morning and ran into an adjacent stormdrain.

The spill was temporarily stabilized with sand and a cleanup contractor (Petrochem) was contracted. Petrochem cleaned up the spill on the roadway and driveway apron, and recovered paint-contaminated water from the stormwater drain with a vacuum truck. The cleanup was completed by approximately 3:15 pm.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 12/12/2016 2:00:00 PM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle B Quick

Kyle Quick, P.G.
Environmental Specialist II

Enclosures

cc: File

THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**83566**
REPORT DATE:	**12/13/2016 8:31:06 AM**
ESTIMATED QUANTITY:	**1 gallon**
TYPE OF DISCHARGE:	**Latex paint**
LOCATION:	**3038 BALLENTINE BOULEVARD, NORFOLK, VA 36.874810678504, -76.25317712207**
RESPONSIBLE PARTY:	**unknown**
ADDRESS& PHONE:	**unknown**
DATE OF DISCHARGE:	**12/12/2016 12:00:00 PM**
DATE/TIME REPORTED:	**12/12/2016 2:00:00 PM**
REPORTED TO DEQ/DCR BY:	**Kyle Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**A 1-gallon paint can (presumably fell/thrown out of a vehicle) busted on the driveway apron of 3038 Ballentine Boulevard, and spilled paint along the road and driveway. Some of the spilled paint mixed with standing water from a rain earlier that morning and ran into an adjacent stormdrain.**
CORRECTIVE ACTION:	**The spill was temporarily stabilized with sand and a cleanup contractor (Petrochem) was contracted. Petrochem cleaned up the spill on the roadway and driveway apron, and recovered the paint-contaminated water within the stormdrain with a vacuum truck. The cleanup was completed by approximately 3:15 pm.**
IMPACT TO STATE WATERS:	**unknown**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Kyle B Quick
Signature

12/13/2016
Date

2233 McKANN AVENUE ▪ NORFOLK, VIRGINIA 23509 ▪ 757-823-4010
www.norfolk.gov

THE CITY OF
NORFOLK
PUBLIC WORKS

January 6, 2017

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 85583

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of latex paint-contaminated water on 1/4/2017 at approximately 12:56 PM (36.918329659764, -76.22924645324). The description of the incident is as follows:

A complaint called into the Norfolk Cares Call Center reported painters cleaning their paint brushes and supplies into a stormwater ditch along Meadow Creek Road at the Walmart located at 1720 East Little Creek Road in Norfolk, Virginia. The painting company, Personal Touch Enterprises, was indeed washing their painting equipment into the stormwater ditch. The company owner, Mr. Thomas Michael Neal, was issued a Notice of Violation (NOV) for pollution of the stormwater system. It was estimated that approximately 25 gallons of latex-paint contaminated water was present in the ditch during the initial response.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 1/4/2017, at approximately 3:00 PM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle B Quick

Kyle Quick, P.G.
Environmental Specialist II

Enclosures

cc: File

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**85583**
REPORT DATE:	**1/6/2017 8:04:45 AM**
ESTIMATED QUANTITY:	**25 gals**
TYPE OF DISCHARGE:	**latex paint-contaminated water**
LOCATION:	**ILLICIT DISCHARGE - 1720 E Little Creek 2017-1-4** **1720 E LITTLE CREEK ROAD** **36.918329659764, -76.22924645324**
RESPONSIBLE PARTY: **ADDRESS& PHONE:**	**Thomas Michael Neal** **1442 Hiawatha Dr., Virginia Beach, VA 23464** **757-227-1888**
DATE OF DISCHARGE:	**1/4/2017 12:56:00 PM**
DATE/TIME REPORTED:	**1/4/2017 3:00:00 PM**
REPORTED TO DEQ/DCR BY:	**Kyle Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**A complaint called into the Norfolk Cares Call Center reported painters cleaning their paint brushes and supplies into a stormwater ditch along Meadow Creek Road at the Walmart located at 1720 East Little Creek Road in Norfolk, Virginia. The painting company, Personal Touch Enterprises, was indeed washing their painting equipment into the stormwater ditch. The company owner, Mr. Thomas Michael Neal, was issued a Notice of Violation (NOV) for pollution of the stormwater system. It was estimated that approximately 25 gallons of latex-paint contaminated water was present in the ditch during the initial response.**
CORRECTIVE ACTION:	**The responsible party immediately began to correct the issue by recovering the paint-contaminated water for proper disposal and cleaning up the paint chips along the ditch from the earlier sand-blasting performed on the building. Upon follow up inspection the next day, they had recovered almost all of the paint-contaminated water from the ditch. Only a small amount, approximately 0.5 gallons, remained.**

IMPACT TO STATE WATERS: **unknown**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Kyle B Reid
Signature

1/6/2017
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

February 17, 2017

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 90207

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of vehicle wash water on 2/13/2017 at 2:38pm (36.862274311153, -76.24317516465). The description of the incident is as follows:

During the inspection of a grass swale stormwater BMP at 1384 Ingleside Dr. the business (Elite Auto Body) was discovered to be allowing their rinse water from vehicle washing to drain into the onsite storm drains, which are directly connected to the City stormwater system. A wash bay with a drain connected to the sanitary sewer system is located onsite, but the business owner, Mr. Chris Bucci, said the drain was clogged. Mr. Bucci was notified that this was an illicit discharge, but upon re-inspection 2/15/17, the illicit discharge had not ceased, a Notice of Violation was issued. On 2/16/17 a plumber was on-site repairing the site. Later in the day vehicles were observed being washed in the bays and the illicit discharge had ceased.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 2/14/2017, at approximately 11:50am.

Please let me know if you have any questions regarding this incident.

Respectfully,

Casey Magruder
Environmental Program Administrator

Enclosure

cc: File

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**90207**
REPORT DATE:	**2/17/2017 10:12:16 AM**
ESTIMATED QUANTITY:	**50 gals**
TYPE OF DISCHARGE:	**Vehicle wash water**
LOCATION:	**ILLICIT DISCHARGE - Vehicle Washing, 1384 Ingleside Dr. 1384 INGLESIDE DRIVE 36.862274311153, -76.24317516465**
RESPONSIBLE PARTY: ADDRESS& PHONE:	**Mr. Chris Bucci 1384 Ingleside Drive 757-769-7945**
DATE OF DISCHARGE:	**2/13/2017 2:38:00 PM**
DATE/TIME REPORTED:	**2/14/2017 11:50:00 AM**
REPORTED TO DEQ/DCR BY:	**K. Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**During the inspection of a grass swale stormwater BMP at 1384 Ingleside Dr. the business (Elite Auto Body) was discovered to be allowing their rinse water from vehicle washing to drain into the onsite storm drains, which are directly connected to the City stormwater system. A wash bay with a drain connected to the sanitary sewer system is located onsite, but the business owner, Mr. Chris Bucci, said the drain was clogged.**
CORRECTIVE ACTION:	**I verbally notified the owner, Mr. Chris Bucci, that day (2/13/2017) that draining their vehicle wash water into the stormdrains is an illicit discharge and they must stop. On Tuesday (2/14/2017) Mr. Bucci was also provided notification that it is an illicit discharge and a violation of City Ordinance 41.1-4 by email, and during a telephone conversation. On Wednesday (2/15/17), Elite Auto Body was observed continuing to discharge vehicle wash water into the stormdrain, and Mr. Bucci was issued a Notice of Violation. On Thursday (2/16/2017) I observed a plumber at Elite Auto Body clearing the blocked drain in the wash bay, and later that day they were observed washing vehicles inside the wash bay.**
IMPACT TO STATE WATERS:	**unknown**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Signature

2/17/17
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

February 22, 2017

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 90865

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of used motor oil on 2/17/2017 at 12:15 pm (36.876689259351, -76.30503763337). The description of the incident is as follows:

Used motor oil was discovered in a dry stormwater ditch along Bowdens Ferry Road, near its intersection with 25th Street (Norfolk ID #C12118) on 2/17/2017, at approximately 12:15 pm. The oil was discovered by a City ditch maintenance crew. The date and time of the dumping, and the responsible party are unknown. The affected ditch connects to a larger drainage ditch with flowing water, but a sheen was not present on the water in the larger ditch. The dumped oil appeared to be limited to the dry ditch, and it is estimated that 7 gallons of motor oil was dumped into the ditch based on an empty 5-gallon and 2 empty 1-gallon motor oil containers within the ditch.

Absorbents were used to mitigate the spread of the oil, and the following day a contractor, PetroChem, recovered the residual oil and excavated oil-contaminated soil from the ditch for proper disposal.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 2/17/2017 at 3:15 pm.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle B Quick

Kyle Quick, P.G.
Environmental Specialist II

Enclosures

cc: File

THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**90865**
REPORT DATE:	**2/22/2017 10:22:19 AM**
ESTIMATED QUANTITY:	**7 gals**
TYPE OF DISCHARGE:	**Used Motor Oil**
LOCATION:	**ILLICIT DISCHARGE - Motor Oil Bowdens Ferry Rd 2499 BOWDENS FERRY ROAD 36.876689259351, -76.30503763337**
RESPONSIBLE PARTY:	**unknown**
ADDRESS& PHONE:	**unknown**
DATE OF DISCHARGE:	**2/17/2017 12:15:00 PM**
DATE/TIME REPORTED:	**2/17/2017 3:19:00 PM**
REPORTED TO DEQ BY:	**Kyle Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**Used motor oil was discovered in a dry stormwater ditch along Bowdens Ferry Road, near its intersection with 25th Street (Norfolk ID #C12118) on 2/17/2017 at approximately 12:15 pm. The oil was discovered by a City ditch maintenance crew. The date and time of the dumping, and the responsible party are unknown. The affected ditch connects to a larger drainage ditch with flowing water, but a sheen was not present on the water in the larger ditch. The dumped oil appeared to be limited to the dry ditch, and it is estimated that 7 gallons of motor oil was dumped into the ditch based on an empty 5-gallon and 2 empty 1-gallon motor oil containers within the ditch.**
CORRECTIVE ACTION:	**Absorbent booms were placed in the larger ditch with flowing water, upstream and downstream of where the affected dry ditch connects to the larger ditch. Absorbent material was placed in the affected ditch to mitigate the spread of any oil overnight. On Saturday (2/18/2017) a contractor (PetroChem) recovered residual oil and excavated oil-contaminated soil from the affected ditch for proper disposal.**

IMPACT TO STATE WATERS: **none**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Kyle B Quick
Signature

2/22/2017
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

March 6, 2017

Virginia Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 91267

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of used cooking oil discovered on February 27, 2016, at approximately 12:00 pm (36.914807786447, -76.25412125964). The description of the incident is as follows:

Used cooking oil and grease was discovered to have been dumped into the paved alley behind the Wing Stop restaurant at 7750-305 Tidewater Drive, Norfolk, Virginia. Used cooking oil was present in the storm drain approximately 10 feet west of the back door of the restaurant, and was also present in the downgradient storm drain located approximately 150 feet north of the first storm drain. The cooking oil entered the City of Norfolk stormwater system from this second storm drain. The volume of used cooking oil dumped into the alley is unknown.

The store owner, Mr. Sanjay Patel, was issued a summons for pollution of the stormwater system (Norfolk Ordinance 41.1-4), and requested to clean up the oil in grease in the alley behind the restaurant, and in the two affected storm drains and connecting stormwater pipe. Upon reinspection of the site on March 1, 2017, Mr. Patel's contractor had cleaned up the affected areas and storm drains, as requested.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on February 27, 2017, at approximately 4:00 pm.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle Quick, P.G.
Environmental Specialist II

Enclosure

cc: File

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**91267**
REPORT DATE:	**3/6/2017 7:57:17 AM**
ESTIMATED QUANTITY:	**unknown**
TYPE OF DISCHARGE:	**used cooking oil**
LOCATION:	**ILLICIT DISCHARGE - Wing Stop 2017-2-27** **7750 TIDEWATER DRIVE** **36.914807786447, -76.25412125964**
RESPONSIBLE PARTY: **ADDRESS& PHONE:**	**Sanjay Patel** **4005 N. Witchduck Rd., Virginia Beach, VA 23455** **(757) 576-4771**
DATE OF DISCHARGE:	**2/27/2017 12:00:00 PM**
DATE/TIME REPORTED:	**2/27/2017 4:00:00 PM**
REPORTED TO DEQ BY:	**Kyle Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**Used cooking oil and grease was discovered to have been dumped into the paved alley behind the Wing Stop restaurant at 7750-305 Tidewater Drive, Norfolk, Virginia. Used cooking oil was present in the storm drain approximately 10 feet west of the back door of the restaurant, and was also present in the downgradient storm drain located approximately 150 feet north of the first storm drain. The cooking oil entered the City of Norfolk stormwater system from this second storm drain.**
CORRECTIVE ACTION:	**The store owner, Mr. Sanjay Patel, was issued a summons for pollution of the stormwater system (Norfolk Ordinance 41.1-4), and requested to clean up the oil in grease in the alley behind the restaurant, and in the two affected stormdrains and connecting stormwater pipe. Upon reinspection of the site on 3/1/2017, Mr. Patel's contractor had cleaned up the affected areas and storm drains, as requested.**
IMPACT TO STATE WATERS:	**unknown**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Kyle B Quick
Signature

3/6/2017
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

March 15, 2017

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
Reference ID #92348

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of hydraulic fluid on 3/14/2017 at 2:50pm. The description of the incident is as follows:

A TFC Recycling truck blew a hydraulic line and discharged over 25 gallons of product into the street throughout the entire Campostella Heights neighborhood. TFC crews used oil-dri throughout the neighborhood, as well as their own street sweeper to clean up the spill. No product entered the storm drains, and no waterways were affected.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 3/14/2017 at 3:53 PM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Casey Magruder

Casey Magruder
Environmental Program Administrator

Enclosure

THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**92348**
REPORT DATE:	**3/15/2017 12:43:20 PM**
ESTIMATED QUANTITY:	**25 gals**
TYPE OF DISCHARGE:	**Hydraulic Fluid**
LOCATION:	**Hydraulic Leak - TFC** **1901 SPRINGFIELD AVENUE**
RESPONSIBLE PARTY: **ADDRESS& PHONE:**	**TFC Recycling** **1958 Diamond Hill Rd., Chesapeake, VA**
DATE OF DISCHARGE:	**3/14/2017 2:50:00 PM**
DATE/TIME REPORTED:	**3/14/2017 3:53:00 PM**
REPORTED TO DEQ BY:	**C. Magruder**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**TFC Recycling truck blew a hydraulic line and discharged over 25 gallons of product into the streets throughout the entire neighborhood; no storm drains were affected**
CORRECTIVE ACTION:	**TFC crews used oil-dri throughout the neighborhood and used their street sweeper to clean up the spill**
IMPACT TO STATE WATERS:	**None**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Casey Magruder
Signature

3/15/17
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

March 16, 2017

Virginia Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 92505

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of sewage discovered on 3/14/2017 at approximately 3:00 pm (36.845593030735, -76.28099967618). The description of the incident is as follows:

A City of Norfolk, Public Works, Stormwater vactor truck operator discovered a residential sanitary sewer cleanout at 1100 East City Hall Avenue overflowing into the yard and draining to a City of Norfolk stormwater drop inlet structure. The vactor truck operator built a soil berm around the drop inlet to prevent additional sewage from entering the stormwater system. The property owner, Norfolk Redevelopment and Housing Authority, was notified and they sent a crew out to clear the blockage and clean up and sterilize the affected area. Also, the City of Norfolk, Department of Utilities was notified, and they verified that there was not a blockage in the City's sanitary sewer line.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 3/16/2017 at approximately 1:00 pm.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle B Quick

Kyle Quick, P.G.
Environmental Specialist II

Enclosure

cc: File

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**92505**
REPORT DATE:	**3/16/2017 1:14:06 PM**
ESTIMATED QUANTITY:	**unknown**
TYPE OF DISCHARGE:	**sewage**
LOCATION:	**ILLICIT DISCHARGE 1100 City Hall Ave. 2017-3-14** **1100 E CITY HALL AVENUE** **36.845593030735, -76.28099967618**
RESPONSIBLE PARTY: **ADDRESS& PHONE:**	**Rick O'Neal, NRHA** **555 E. Main St., Norfolk, VA 23510** **757-632-1111**
DATE OF DISCHARGE:	**3/14/2017 3:00:00 PM**
DATE/TIME REPORTED:	**3/16/2017 1:00:00 PM**
REPORTED TO DEQ BY:	**Kyle Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**A City of Norfolk, Public Works, Stormwater vactor truck operator discovered a residential sanitary sewer cleanout at 1100 East City Hall Avenue overflowing into the yard and draining to a City of Norfolk stormwater drop inlet structure.**
CORRECTIVE ACTION:	**The vactor truck operator built a soil berm around the drop inlet to prevent additional sewage from entering the stormwater system. The property owner, Norfolk Redevelopment and Housing Authority, was notified and they sent a crew out to clear the blockage and clean up and sterilize the affected area. Also, the City of Norfolk Department of Utilities was notified, and they verified that there was not a blockage in the City's sanitary sewer line.**
IMPACT TO STATE WATERS:	**unknown**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Kyle B Quick
Signature

3/16/2017
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

March 30, 2017

Virginia Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 93387

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of concrete wash water on 3/27/2017 at 10:46 am (36.94741559133, -76.26178701301). The description of the incident is as follows:

A concrete patio was poured at 9287 Marlow Avenue, Norfolk, Virginia, and apparently, the equipment was cleaned between the sidewalk and Marlow Avenue. The wash water and residual concrete drained south along Marlow Avenue and entered the stormdrain in front of 9281 Marlow Avenue. It appears only a small amount of wash water entered the storm drain (~1 gallon) and all the residual concrete settled out along the gutter of Marlow Ave.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 3/27/2017, at 1:03 pm.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle B Quick

Kyle Quick, P.G.
Environmental Specialist II

Enclosure

cc: File

VPDES PERMIT NO. VA0088650

INCIDENT NO:	93387
REPORT DATE:	3/30/2017 9:01:04 AM
ESTIMATED QUANTITY:	1 gallon
TYPE OF DISCHARGE:	Concrete wash water
LOCATION:	ILLICIT DISCHARGE - Concrete washout 9287 Marlow Ave. 2017-3-27 9287 MARLOW AVENUE 36.94741559133, -76.26178701301
RESPONSIBLE PARTY: ADDRESS& PHONE:	Brenda & Chelsie Cartledge 9287 Marlow Avenue, Norfolk, VA 23503
DATE OF DISCHARGE:	3/27/2017 10:46:00 AM
DATE/TIME REPORTED:	3/27/2017 1:03:00 PM
REPORTED TO DEQ/DCR BY:	K. Quick
REPORTED TO:	Online PREP
DESCRIPTION OF DISCHARGE:	A concrete patio was poured at 9287 Marlow Avenue, Norfolk, Virginia, and apparently, the equipment was cleaned between the sidewalk and Marlow Avenue. The wash water and residual concrete drained south along Marlow Avenue and entered the stormdrain in front of 9281 Marlow Avenue. It appears only a small amount of wash water entered the storm drain (~1 gallon) and all the residual concrete settled out along the gutter of Marlow Ave.
CORRECTIVE ACTION:	No one was home at 9287 Marlow Ave. during my initial visit on 3/27/2017. I spoke with the residents of 9281 Marlow Ave. and left a flyer at 9287 Marlow Ave. notifying them that it is a violation to discharge concrete wash water into the stormwater system and that they need to clean up all the residual concrete within the gutter along Marlow Ave. I reinspected the incident the next day, 3/28/2017, and the residual concrete in gutter had been removed and the gutter had been swept clean.

IMPACT TO STATE WATERS: **unknown**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Signature

3/30/2017
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

May 17, 2017

Virginia Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 97708

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of oil and grease from used truck parts discovered on May 12, 2017, at approximately 1:45 pm (36.914807786447, -76.25412125964). The description of the incident is as follows:

A sheen of oil was seen on the runoff coming off of the Norfolk Truck Center property at 736 Tidewater Drive, Norfolk, Virginia. The main source of the sheen was discovered to be an open dumpster containing used truck parts that was leaking rain water that had been in contact with the used truck parts.

Norfolk Truck Center was issued a Notice of Violation for Pollution of the Stormwater System (Norfolk City Code 41.1-4). Norfolk Truck Center immediately installed oil booms and other absorbents to contain the oil sheen. The following Monday (5/15/2017) the dumpster was moved into a warehouse building so that the used truck parts will not contaminate stormwater runoff.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on May 12, 2017, at approximately 3:30 pm.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle B Quick

Kyle Quick, P.G.
Environmental Specialist II

Enclosure

cc: File

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**97708**
REPORT DATE:	**5/17/2017 10:04:26 AM**
ESTIMATED QUANTITY:	**unknown**
TYPE OF DISCHARGE:	**Oil & Grease from Used Truck Parts**
LOCATION:	**ILLICIT DISCHARGE - 736 Tidewater Dr. 736 TIDEWATER DRIVE 36.851277511764, -76.27458919664**
RESPONSIBLE PARTY: ADDRESS& PHONE:	**Norfolk Truck Center, Mr. Shawn Murphy 736 Tidewater Drive, Norfolk, VA 23504 757-622-3246**
DATE OF DISCHARGE:	**5/12/2017 1:45:00 PM**
DATE/TIME REPORTED:	**5/12/2017 3:30:00 PM**
REPORTED TO DEQ/DCR BY:	**Kyle Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**A sheen of oil was seen on the runoff coming off of the Norfolk Truck Center property at 736 Tidewater Drive, Norfolk, Virginia. The main source of the sheen was discovered to be an open dumpster containing used truck parts that was leaking rain water that had been in contact with the used truck parts.**
CORRECTIVE ACTION:	**Norfolk Truck Center was issued a Notice of Violation for Pollution of the Stormwater System (Norfolk City Code 41.1-4). Norfolk Truck Center immediately installed oil booms and other absorbents to contain the oil sheen. The following Monday (5/15/2017) the dumpster was moved into a warehouse building so that the used truck parts will not be exposed and contaminate stormwater runoff.**
IMPACT TO STATE WATERS:	**unknown**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Kyle B Quick
Signature

5/17/2017
Date

THE CITY OF
NORFOLK
PUBLIC WORKS

June 28, 2017

Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
Reference ID #102331

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of heating oil on 6/26/2017 at 1:00pm. The description of the incident is as follows:

A sump pump operating from the basement of a HUD property at 528 Redgate Ave. discharged water from a pipe under the driveway, into the gutter, and into the storm drain in front of the house next door. There was algae accumulating in the gutter in this area. In the past there had been a leak in the basement from a heating oil tank. The basin was blocked, so all product was contained to the structure, and no waterways were affected. City crews were able to remove all product from structure with absorbents. City Codes staff are currently working with HUD staff regarding several violations at the property.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on 6/26/2017 at 3:25 PM.

Please let me know if you have any questions regarding this incident.

Respectfully,

Casey M Magruder

Casey Magruder
Environmental Program Administrator

Enclosure

THE CITY OF
NORFOLK
PUBLIC WORKS

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**102331**
REPORT DATE:	**6/28/2017 10:22 AM**
ESTIMATED QUANTITY:	**1 gal**
TYPE OF DISCHARGE:	**Heating oil**
LOCATION:	**ILLICIT DISCHARGE - 528 Redgate** **528 REDGATE AVENUE**
RESPONSIBLE PARTY: **ADDRESS& PHONE:**	**HUD** **Richmond, VA**
DATE OF DISCHARGE:	**6/26/2017 1:00 PM**
DATE/TIME REPORTED:	**6/26/2017 3:25 PM**
REPORTED TO DEQ BY:	**C. Magruder**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**A sump pump operating from the basement of HUD property at 528 Redgate Ave. is discharging water from a pipe under the driveway and into the gutter and into the storm drain in front of the next door house. Algae accumulating in the gutter in this area. In the past there had been a leak in the basement from a heating oil tank.**
CORRECTIVE ACTION:	**The basin was blocked, so all product was contained to the structure. City crews were able to remove all product from structure with absorbents. City Codes staff are currently working with HUD staff regarding several violations at the property.**
IMPACT TO STATE WATERS:	**None**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Casey Magruder
Signature

6/28/17
Date

2233 McKANN AVENUE ▪ NORFOLK, VIRGINIA 23509 ▪ 757-823-4010
www.norfolk.gov

THE CITY OF
NORFOLK
PUBLIC WORKS

June 30, 2017

Virginia Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

Re: VPDES Permit No. VA0088650
IR 102667

Dear Sir or Madam:

In accordance with the reporting requirements for the referenced permit, be advised that there was an illicit discharge of powder activated carbon on June 28th, 2017, at approximately 3:00 pm (36.879320011037, -76.31131400247). The description of the incident is as follows:

The City of Norfolk's 37th Street Water Treatment Plant (WTP) had an overflow of wet powder activated carbon. The material flowed off the property and onto the 1700 block of 38th Street. None of the material reached the stormdrains along 38th Street during the overflow. The powder activated carbon was allowed to dry then all recoverable material was swept up just a few hours after the release and disposed of into the treatment sludge that is disposed of through Hampton Roads Sanitation District.

The enclosed documents outline the relevant information. The discharge was reported to the DEQ Tidewater Regional Office on June 28, 2017, at approximately 4:30 pm.

Please let me know if you have any questions regarding this incident.

Respectfully,

Kyle B Quick

Kyle Quick, P.G.
Environmental Specialist II

Enclosure

cc: File

VPDES PERMIT NO. VA0088650

INCIDENT NO:	**102667**
REPORT DATE:	**6/30/2017 8:47:04 AM**
ESTIMATED QUANTITY:	**1 lbs**
TYPE OF DISCHARGE:	**Powder activated carbon**
LOCATION:	**WTP Carbon Release - 1700 38th St. 2017-6-28** **1700 38TH STREET** **36.879320011037, -76.31131400247**
RESPONSIBLE PARTY: **ADDRESS& PHONE:**	**City of Norfolk - Utilities** **401 Monticello Ave., Norfolk, VA 23510**
DATE OF DISCHARGE:	**6/28/2017 3:00:00 PM**
DATE/TIME REPORTED:	**6/28/2017 4:30:00 PM**
REPORTED TO DEQ/DCR BY:	**Kyle Quick**
REPORTED TO:	**Online PREP**
DESCRIPTION OF DISCHARGE:	**The City of Norfolk's 37th Street Water Treatment Plant (WTP) had an overflow of wet powder activated carbon. The material flowed off of the property and onto the 1700 block of 38th Street.**
CORRECTIVE ACTION:	**None of the material reached the stormdrains along 38th Street during the overflow. The powder activated carbon was allowed to dry then all recoverable material was swept up just a few hours after the release and disposed of into the treatment sludge that is disposed of through Hampton Roads Sanitation District.**
IMPACT TO STATE WATERS:	**unknown**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Kyle B Quick
Signature

6/30/2017
Date

SSORS ID:	104590	**Reported:**	07/25/16 3:56 PM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104590	**Reported by:**	Rodney Talley	**Amount Recovered:**	3000 Gallons
Asset ID:		**Lasted Edited**	07/28/16 2:46 PM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	John Settle	**Spill Date:**	07/25/16 9:00 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	07/25/16 1:00 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	07/26/16 9:11 AM	**Spill Duration:**	4 hour(s) 0 minute(s)
Site Name:	E.Main Street			**SSO Classification:**	Infrastructure

Cordinates:

Description Of Incident
Force Main Failure

Possible Receptors
Elizabeth River

Description of Materials
Sewage

Corrective Action
Shut down pump station and began pump and haul while repair crews repair force main.
-----July 25, 2016 03:56 PM-----
Repairs and the pump station back on line 8:30 pm
-----July 26, 2016 09:11 AM-----

DEQ Comments (Reviewed 7/28/2016 2:46:16 PM by John Settle)

None.

Attachments

None.

SSORS ID:	104626	**Reported:**	09/08/16 8:13 AM	**Amount Spilled:**	125 Gallons
DEQ IR #:	SSORS#2017-T-104626	**Reported by:**	Rodney Talley	**Amount Recovered:**	25 Gallons
Asset ID:		**Lasted Edited**	09/08/16 8:15 AM	**Reaching State Waters:**	100 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Camilla Fletcher	**Spill Date:**	09/07/16 10:30 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	09/07/16 11:15 AM
Responsible Party:	City of Norfolk	**Final Submittal:**	09/08/16 8:13 AM	**Spill Duration:**	0 hour(s) 45 minute(s)
Site Name:	Fenner			**SSO Classification:**	Maintenance-Grease

Cordinates:

Description Of Incident
Square clean out box overflow due to a mainline stoppage.

Possible Receptors
Wayne Creek

Description of Materials
Sewage

Corrective Action
Maintenance crew broke mainline stoppage at manhole located at the Intersection of Tidewater Drive & Easy Street.(nearest address,7434 Tidewater Drive)

-----September 8, 2016 08:13 AM-----

DEQ Comments (Reviewed 9/8/2016 8:15:29 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104677	**Reported:**	09/23/16 9:59 AM	**Amount Spilled:**	-1 Gallons

DEQ IR #:	SSORS#2017-T-104677	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	09/26/16 1:50 PM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Brian Wilson	**Spill Date:**	09/22/16 8:00 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	09/23/16 11:50 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	09/26/16 1:50 PM	**Spill Duration:**	39 hour(s) 50 minute (s)
Site Name:	w 38th St			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Manhole overflowing

Possible Receptors
Knitting Mill Creek

Description of Materials
Sewage

Corrective Action
Reported to supervisor, system at 100% capacity
-----September 23, 2016 09:59 AM-----

DEQ Comments (Reviewed 9/23/2016 10:02:41 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104678	**Reported:**	09/23/16 10:06 AM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104678	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	09/26/16 1:52 PM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Brian Wilson	**Spill Date:**	09/22/16 9:00 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	09/23/16 7:45 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	09/26/16 1:52 PM	**Spill Duration:**	34 hour(s) 45 minute (s)
Site Name:	Fishermans Rd			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Cleanout overflowing

Possible Receptors
Mason Creek

Description of Materials
Sewage

Corrective Action
Reported to supervisor, system at 100% capacity
-----September 23, 2016 10:06 AM-----

DEQ Comments (Reviewed 9/23/2016 10:13:13 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104679	**Reported:**	09/23/16 10:12 AM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104679	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	09/26/16 1:59 PM	**Reaching State Waters:**	-1 Gallons

Reporting Jurisdiction: Norfolk
Spilled-In Jurisdiction: Norfolk
Responsible Party: City of Norfolk
Site Name: Robin Hood Rd
Last Edited by: Brian Wilson
Phoned In:
Final Submittal: 09/26/16 1:59 PM
Spill Date: 09/22/16 11:20 AM
Date Under Control: 09/24/16 4:20 PM
Spill Duration: 53 hour(s) 0 minute(s)
SSO Classification: Capacity-Weather Related

Cordinates:

Description Of Incident
Manhole overflowing

Possible Receptors
Wayne Creek

Description of Materials
Sewage

Corrective Action
Reported to supervisor, system at 100% capacity
-----September 23, 2016 10:12 AM-----

DEQ Comments (Reviewed 9/23/2016 10:14:27 AM by Camilla Fletcher)
None.

Attachments
None.

SSORS ID: 104681
DEQ IR #: SSORS#2017-T-104681
Asset ID:
Reporting Jurisdiction: Norfolk
Spilled-In Jurisdiction: Norfolk
Responsible Party: City of Norfolk
Site Name: Carolina Ave
Reported: 09/23/16 10:18 AM
Reported by: Brian Wilson
Lasted Edited 09/26/16 11:01 AM
Last Edited by: Brian Wilson
Phoned In:
Final Submittal: 09/26/16 11:01 AM
Amount Spilled: -1 Gallons
Amount Recovered: 0 Gallons
Reaching State Waters: -1 Gallons
Spill Date: 09/22/16 12:30 PM
Date Under Control: 09/23/16 11:50 PM
Spill Duration: 35 hour(s) 20 minute(s)
SSO Classification: Capacity-Weather Related

Cordinates:

Description Of Incident
Square clean out box overflowing

Possible Receptors
Knitting Mill Creek

Description of Materials
Sewage

Corrective Action
Notified Supervisor, system at 100% capacity
-----September 23, 2016 10:18 AM-----

DEQ Comments (Reviewed 9/23/2016 10:21:50 AM by Camilla Fletcher)
None.

Attachments
None.

SSORS ID: 104683
DEQ IR #: SSORS#2017-T-104683
Asset ID:
Reporting Jurisdiction: Norfolk
Spilled-In Jurisdiction: Norfolk
Responsible Party: City of Norfolk
Reported: 09/23/16 10:29 AM
Reported by: Brian Wilson
Lasted Edited 09/26/16 2:00 PM
Last Edited by: Brian Wilson
Phoned In:
Final Submittal: 09/26/16 2:00 PM
Amount Spilled: -1 Gallons
Amount Recovered: 0 Gallons
Reaching State Waters: -1 Gallons
Spill Date: 09/22/16 1:00 PM
Date Under Control: 09/24/16 4:00 AM
Spill Duration: 39 hour(s) 0 minute(s)

Site Name: Cedarwood Ct
SSO Classification: Capacity-Weather Related

Cordinates:

Description Of Incident
Manhole overflowing

Possible Receptors
Lake Whitehurst

Description of Materials
Sewage

Corrective Action
Reported to supervisor, system at 100% capacity
-----September 23, 2016 10:29 AM-----

DEQ Comments (Reviewed 9/23/2016 10:30:29 AM by Camilla Fletcher)
None.

Attachments
None.

SSORS ID:	104685	**Reported:**	09/23/16 10:34 AM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104685	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	09/26/16 1:54 PM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Brian Wilson	**Spill Date:**	09/23/16 8:30 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	09/23/16 7:45 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	09/26/16 1:54 PM	**Spill Duration:**	11 hour(s) 15 minute (s)
Site Name:	Tidewater Dr @ Bayview Blvd			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Manhole overflowing

Possible Receptors
Mason Creek

Description of Materials
Sewage

Corrective Action
Reported to supervisor, system at 100% capacity
-----September 23, 2016 10:34 AM-----

DEQ Comments (Reviewed 9/26/2016 7:57:05 AM by Camilla Fletcher)
None.

Attachments
None.

SSORS ID:	104691	**Reported:**	09/23/16 11:49 AM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104691	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	09/26/16 11:21 AM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Brian Wilson	**Spill Date:**	09/22/16 11:14 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	09/23/16 8:15 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	09/26/16 11:21 AM	**Spill Duration:**	33 hour(s) 1 minute(s)
Site Name:	Eagle Ave			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Manhole overflowing

Possible Receptors
Little Creek

Description of Materials
Sewage

Corrective Action
Reported to supervisor, system at 100% capacity
-----September 23, 2016 11:49 AM-----

DEQ Comments (Reviewed 9/26/2016 8:08:53 AM by Camilla Fletcher)
None.

Attachments
None.

SSORS ID:	104694	**Reported:**	09/23/16 3:03 PM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104694	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	09/26/16 2:04 PM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Brian Wilson	**Spill Date:**	09/21/16 9:15 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	09/26/16 1:27 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	09/26/16 2:04 PM	**Spill Duration:**	124 hour(s) 12 minute (s)
Site Name:	Willow Terr			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Manhole overflowing

Possible Receptors
Little Creek, Chesapeake Bay

Description of Materials
Sewage

Corrective Action
Reported to supervisor, system at 100% capacity
-----September 23, 2016 03:03 PM-----

DEQ Comments (Reviewed 9/26/2016 8:10:10 AM by Camilla Fletcher)
None.

Attachments
None.

SSORS ID:	104695	**Reported:**	09/23/16 3:12 PM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104695	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	09/26/16 2:10 PM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Brian Wilson	**Spill Date:**	09/22/16 12:55 PM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	09/25/16 11:00 AM
Responsible Party:	City of Norfolk	**Final Submittal:**	09/26/16 2:10 PM	**Spill Duration:**	70 hour(s) 5 minute(s)
Site Name:	Upper Brandon			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Cleanout overflowing

Possible Receptors

Edgewater Haven, Lafayette River

Description of Materials
Sewage

Corrective Action
Reported to supervisor, system at 100% capacity
-----September 23, 2016 03:12 PM-----

DEQ Comments (Reviewed 9/26/2016 8:10:32 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104696	**Reported:**	09/23/16 3:19 PM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104696	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	09/26/16 1:55 PM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Brian Wilson	**Spill Date:**	09/22/16 8:51 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	09/23/16 7:45 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	09/26/16 1:55 PM	**Spill Duration:**	34 hour(s) 54 minute (s)
Site Name:	Chapin St			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Clean out box overflowing

Possible Receptors

Mason Creek

Description of Materials
Sewage

Corrective Action
Reported to supervisor, system at 100% capacity
-----September 23, 2016 03:19 PM-----

DEQ Comments (Reviewed 9/26/2016 8:10:55 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104697	**Reported:**	09/23/16 3:33 PM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104697	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	09/26/16 11:19 AM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Brian Wilson	**Spill Date:**	09/21/16 9:46 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	09/23/16 7:55 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	09/26/16 11:19 AM	**Spill Duration:**	58 hour(s) 9 minute(s)
Site Name:	Buffalo Ave			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Square box overflowing

Possible Receptors

Little Creek

Description of Materials
Sewage

Corrective Action
Reported to supervisor, system at 100% capacity
-----September 23, 2016 03:33 PM-----

DEQ Comments (Reviewed 9/26/2016 8:11:09 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104698	**Reported:**	09/23/16 3:42 PM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104698	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	09/26/16 11:22 AM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Brian Wilson	**Spill Date:**	09/22/16 8:13 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	09/23/16 8:20 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	09/26/16 11:22 AM	**Spill Duration:**	36 hour(s) 7 minute(s)
Site Name:	Carrene Dr			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Square box overflowing

Possible Receptors

Mason Creek

Description of Materials
Sewage

Corrective Action
Reported to supervisor, system at 100% capacity
-----September 23, 2016 03:42 PM-----

DEQ Comments (Reviewed 9/26/2016 8:11:25 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104699	**Reported:**	09/23/16 3:46 PM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104699	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	09/26/16 11:20 AM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Brian Wilson	**Spill Date:**	09/21/16 9:24 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	09/23/16 8:00 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	09/26/16 11:20 AM	**Spill Duration:**	58 hour(s) 36 minute (s)
Site Name:	Glen Ave			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Square box overflowing

Possible Receptors

Wayne Creek

Description of Materials
Sewage

Corrective Action
Reported to supervisor, system at 100% capacity
-----September 23, 2016 03:46 PM-----

DEQ Comments (Reviewed 9/26/2016 8:11:41 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104716	**Reported:**	09/26/16 7:58 AM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104716	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	09/26/16 11:33 AM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Brian Wilson	**Spill Date:**	09/23/16 6:40 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	09/23/16 7:45 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	09/26/16 11:33 AM	**Spill Duration:**	13 hour(s) 5 minute(s)
Site Name:	Louvick Street			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Manhole overflowing

Possible Receptors

Mason Creek

Description of Materials
Sewage

Corrective Action
Reported to supervisor, system at 100% capacity
-----September 26, 2016 07:58 AM-----

DEQ Comments (Reviewed 9/26/2016 8:39:06 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104717	**Reported:**	09/26/16 8:03 AM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104717	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	09/26/16 1:57 PM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Brian Wilson	**Spill Date:**	09/23/16 10:30 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	09/23/16 7:45 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	09/26/16 1:57 PM	**Spill Duration:**	9 hour(s) 15 minute(s)
Site Name:	Margaret Ave			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Clean out box overflowing

Possible Receptors

Oastes Creek

Description of Materials
Sewage

Corrective Action
Reported to supervisor, system at 100% capacity
-----September 26, 2016 08:03 AM-----

DEQ Comments (Reviewed 9/26/2016 8:39:25 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104826	**Reported:**	10/11/16 9:00 AM	**Amount Spilled:**	250 Gallons
DEQ IR #:	SSORS#2017-T-104826	**Reported by:**	Rodney Talley	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	10/12/16 7:21 AM	**Reaching State Waters:**	250 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Camilla Fletcher	**Spill Date:**	10/10/16 7:45 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	10/10/16 8:30 AM
Responsible Party:	City of Norfolk	**Final Submittal:**	10/11/16 9:00 AM	**Spill Duration:**	0 hour(s) 45 minute(s)
Site Name:	Fenner St.			**SSO Classification:**	Maintenance-Debris

Cordinates:

Description Of Incident
Manhole overflow due to mainline stoppage.

Possible Receptors
Wayne Creek

Description of Materials
Sewage

Corrective Action
Crew broke stoppage at manhole located at Tidewater Dr. and Easy St.
-----October 11, 2016 09:00 AM-----

DEQ Comments (Reviewed 10/12/2016 7:21:44 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104828	**Reported:**	10/11/16 9:11 AM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104828	**Reported by:**	Rodney Talley	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	10/13/16 9:43 AM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Rodney Talley	**Spill Date:**	10/10/16 1:15 PM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	10/12/16 12:40 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	10/13/16 9:43 AM	**Spill Duration:**	47 hour(s) 25 minute (s)
Site Name:	W. Ocean View Ave.			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Manhole overflow due to pump station over capacity

Possible Receptors
Chesapeake Bay

Description of Materials
Sewage

Corrective Action
Waiting for pump station to catch up.
-----October 11, 2016 09:11 AM-----
Station operating normal.
-----October 13, 2016 09:43 AM-----

DEQ Comments (Reviewed 10/12/2016 7:22:00 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104829	**Reported:**	10/11/16 9:19 AM	**Amount Spilled:**	-1 Gallons

DEQ IR #:	SSORS#2017-T-104829	**Reported by:**	Rodney Talley	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	10/12/16 7:22 AM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Camilla Fletcher	**Spill Date:**	10/10/16 3:00 PM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	10/10/16 8:15 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	10/11/16 9:53 AM	**Spill Duration:**	5 hour(s) 15 minute(s)
Site Name:	Little Bay			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Manhole overflow due to pump station over capacity.

Possible Receptors
Chesapeake Bay

Description of Materials
Sewage

Corrective Action
Pump Station is back to normal operation.
-----October 11, 2016 09:19 AM-----

DEQ Comments (Reviewed 10/12/2016 7:22:17 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104831	**Reported:**	10/11/16 9:45 AM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104831	**Reported by:**	Rodney Talley	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	10/13/16 9:48 AM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Rodney Talley	**Spill Date:**	10/10/16 11:40 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	10/12/16 1:49 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	10/13/16 9:48 AM	**Spill Duration:**	50 hour(s) 9 minute(s)
Site Name:	Walnut Hill			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Sewer system over capacity due to area flooding.

Possible Receptors
Edgewater Haven

Description of Materials
Sewage

Corrective Action
Have to wait for the tide to subside
-----October 11, 2016 09:45 AM-----
Area back to normal
-----October 13, 2016 09:48 AM-----

DEQ Comments (Reviewed 10/12/2016 7:26:15 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104833	**Reported:**	10/11/16 9:58 AM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104833	**Reported by:**	Rodney Talley	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	10/12/16 7:26 AM	**Reaching State Waters:**	-1 Gallons

Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Camilla Fletcher	**Spill Date:**	10/10/16 2:30 PM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	10/10/16 8:45 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	10/11/16 9:58 AM	**Spill Duration:**	6 hour(s) 15 minute(s)
Site Name:	Little Bay			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Manhole overflow due to Pump station over capacity.

Possible Receptors
Chesapeake Bay

Description of Materials
Sewage

Corrective Action
Pump station back to normal operation.
-----October 11, 2016 09:58 AM-----

DEQ Comments (Reviewed 10/12/2016 7:26:45 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104836	**Reported:**	10/11/16 10:06 AM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104836	**Reported by:**	Rodney Talley	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	10/13/16 9:52 AM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Rodney Talley	**Spill Date:**	10/10/16 12:05 PM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	10/12/16 2:00 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	10/13/16 9:52 AM	**Spill Duration:**	49 hour(s) 55 minute(s)
Site Name:	Powhatan			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Sewer system over capacity due to flooding.

Possible Receptors
Lafayette River

Description of Materials
Sewage

Corrective Action
Have to wait for the flooding to subside.
-----October 11, 2016 10:06 AM-----
Area back to normal
-----October 13, 2016 09:52 AM-----

DEQ Comments (Reviewed 10/12/2016 7:27:31 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104840	**Reported:**	10/11/16 11:56 AM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104840	**Reported by:**	Rodney Talley	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	10/13/16 10:03 AM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Rodney Talley	**Spill Date:**	10/10/16 11:15 AM

Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	10/12/16 2:38 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	10/13/16 10:03 AM	**Spill Duration:**	51 hour(s) 23 minute (s)
Site Name:	Catherine			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Sewer system over capacity due to flooding

Possible Receptors
Lafayette River

Description of Materials
Sewage

Corrective Action
Have to wait for tide subside.
-----October 11, 2016 11:56 AM-----
Area back to normal
-----October 13, 2016 10:03 AM-----

DEQ Comments (Reviewed 10/12/2016 7:28:29 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104841	**Reported:**	10/11/16 12:16 PM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104841	**Reported by:**	Rodney Talley	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	10/13/16 10:06 AM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Rodney Talley	**Spill Date:**	10/10/16 10:30 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	10/12/16 2:14 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	10/13/16 10:06 AM	**Spill Duration:**	51 hour(s) 44 minute (s)
Site Name:	Pennsylvania			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Sewer system over capacity due to flooding.

Possible Receptors
Kitting Mill Creek

Description of Materials
Sewage

Corrective Action
Have to wait for flooding to subside.
-----October 11, 2016 12:16 PM-----
Area back to normal.
-----October 13, 2016 10:06 AM-----

DEQ Comments (Reviewed 10/12/2016 7:28:43 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104842	**Reported:**	10/11/16 12:25 PM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104842	**Reported by:**	Rodney Talley	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	10/13/16 10:18 AM	**Reaching State Waters:**	-1 Gallons

Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Rodney Talley	**Spill Date:**	10/10/16 5:00 PM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	10/12/16 11:31 AM
Responsible Party:	City of Norfolk	**Final Submittal:**	10/13/16 10:18 AM	**Spill Duration:**	42 hour(s) 31 minute (s)
Site Name:	Maryland			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Sewer System over capacity due to flooding.

Possible Receptors
East Haven

Description of Materials
Sewage

Corrective Action
Have to wait for flooding to subside.
-----October 11, 2016 12:25 PM-----
Area back to normal.
-----October 13, 2016 10:18 AM-----

DEQ Comments (Reviewed 10/12/2016 7:28:57 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104843	**Reported:**	10/11/16 12:36 PM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104843	**Reported by:**	Rodney Talley	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	11/14/16 12:47 PM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Rodney Talley	**Spill Date:**	10/10/16 11:15 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	10/12/16 1:30 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	11/14/16 12:47 PM	**Spill Duration:**	50 hour(s) 15 minute (s)
Site Name:	Upper Brandon			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Cleanout box overflow due to backup from HRSD pump station.

Possible Receptors
Edgewater Haven

Description of Materials
Sewage

Corrective Action
Notified HRSD.
-----October 11, 2016 12:36 PM-----
System back to normal.
-----October 13, 2016 10:22 AM-----

DEQ Comments (Reviewed 10/12/2016 7:29:12 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104844	**Reported:**	10/11/16 1:00 PM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104844	**Reported by:**	Rodney Talley	**Amount Recovered:**	0 Gallons

Asset ID:		**Lasted Edited**	10/13/16 10:31 AM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Rodney Talley	**Spill Date:**	10/10/16 10:00 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	10/12/16 1:00 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	10/13/16 10:31 AM	**Spill Duration:**	51 hour(s) 0 minute(s)
Site Name:	Staten			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Manhole overflow due to pump station over capacity.

Possible Receptors
Chesapeake Bay

Description of Materials
Sewage

Corrective Action
Have to wait for station to return to normal capacity.
-----October 11, 2016 01:00 PM-----
Station operating normal.
-----October 13, 2016 10:31 AM-----

DEQ Comments (Reviewed 10/12/2016 7:29:26 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104846	**Reported:**	10/11/16 1:15 PM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2017-T-104846	**Reported by:**	Rodney Talley	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	10/12/16 7:29 AM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Camilla Fletcher	**Spill Date:**	10/10/16 1:20 PM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	10/10/16 6:00 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	10/11/16 1:15 PM	**Spill Duration:**	4 hour(s) 40 minute(s)
Site Name:	Birmingham			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Pump station wet well high due over capacity

Possible Receptors
Lafayette River

Description of Materials
Sewage

Corrective Action
Pump station returned to normal operations.
-----October 11, 2016 01:15 PM-----

DEQ Comments (Reviewed 10/12/2016 7:29:57 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104883	**Reported:**	10/12/16 7:35 AM	**Amount Spilled:**	350 Gallons
DEQ IR #:	SSORS#2017-T-104883	**Reported by:**	Rodney Talley	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	10/12/16 7:40 AM	**Reaching State Waters:**	350 Gallons

Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Camilla Fletcher	**Spill Date:**	10/11/16 2:00 PM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	10/11/16 3:45 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	10/12/16 7:35 AM	**Spill Duration:**	1 hour(s) 45 minute(s)
Site Name:	Glenroie			**SSO Classification:**	Power Outages (Storm Event)

Cordinates:

Description Of Incident
Manhole overflow due pump station power failure.

Possible Receptors
Lafayette River

Description of Materials
Sewage

Corrective Action
Pump station crew set up bypass pump.
-----October 12, 2016 07:35 AM-----

DEQ Comments (Reviewed 10/12/2016 7:40:03 AM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104905	**Reported:**	10/13/16 2:10 PM	**Amount Spilled:**	2500 Gallons
DEQ IR #:	SSORS#2017-T-104905	**Reported by:**	Rodney Talley	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	11/14/16 12:58 PM	**Reaching State Waters:**	2500 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Rodney Talley	**Spill Date:**	10/13/16 9:41 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	10/13/16 11:25 AM
Responsible Party:	City of Norfolk	**Final Submittal:**	11/14/16 12:58 PM	**Spill Duration:**	1 hour(s) 44 minute(s)
Site Name:	Tidewater			**SSO Classification:**	Capacity-Weather Related

Cordinates:

Description Of Incident
Manhole overflow due to bypass pump setup at city owned pump station #30 (located at 3524 Norway Place)failed.

Possible Receptors
Wayne Creek

Description of Materials
Sewage

Corrective Action
Pump station personnel repaired bypass pump.
-----October 13, 2016 02:10 PM-----

DEQ Comments (Reviewed 10/13/2016 2:13:29 PM by Camilla Fletcher)

None.

Attachments

None.

SSORS ID:	104934	**Reported:**	11/18/16 11:43 AM	**Amount Spilled:**	-1 Gallons
DEQ IR #:	SSORS#2016-T-104934	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	11/18/16 2:48 PM	**Reaching State Waters:**	-1 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	John Settle	**Spill Date:**	11/16/16 8:50 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	11/16/16 9:40 AM
Responsible Party:	City of Norfolk	**Final Submittal:**	11/18/16 11:44 AM	**Spill Duration:**	0 hour(s) 50 minute(s)

Site Name: 2520 Palmetto St
SSO Classification: Maintenance-Grease

Cordinates:

Description Of Incident
Square box overflowing

Possible Receptors
Lafayette River

Description of Materials
Grease and debris

Corrective Action
Broke stoppage
-----November 18, 2016 11:43 AM-----

DEQ Comments (Reviewed 11/18/2016 2:48:34 PM by John Settle)
IR # Assigned
-----November 18, 2016 02:48 PM-----

Attachments
None.

SSORS ID:	104938	**Reported:**	11/29/16 5:28 PM	**Amount Spilled:**	150 Gallons
DEQ IR #:	SSORS#2016-T-104938	**Reported by:**	Michael Dixon	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	11/30/16 10:23 AM	**Reaching State Waters:**	50 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Eric Miller	**Spill Date:**	11/29/16 10:30 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	11/29/16 11:20 AM
Responsible Party:	City of Norfolk	**Final Submittal:**	11/29/16 5:31 PM	**Spill Duration:**	0 hour(s) 50 minute(s)
Site Name:	Lea View Ave & 15th View St.			**SSO Classification:**	Maintenance-Grease

Cordinates:

Description Of Incident
Mainline Stoppage - Manhole overflow

Possible Receptors
Willoughby Bay

Description of Materials
Sewage

Corrective Action
Broke the mainline stoppage. Conduct a wash down of the area with water and deodorized area
-----November 29, 2016 05:28 PM-----

DEQ Comments (Reviewed 11/30/2016 10:23:15 AM by Eric Miller)
IR # Assigned.
-----November 30, 2016 10:23 AM-----

Attachments
None.

SSORS ID:	104950	**Reported:**	01/19/17 5:18 PM	**Amount Spilled:**	100 Gallons
DEQ IR #:	SSORS#2017-T-104950	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	01/24/17 10:36 AM	**Reaching State Waters:**	100 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Eric Miller	**Spill Date:**	01/17/17 9:48 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	01/17/17 11:10 AM
Responsible Party:	City of Norfolk	**Final Submittal:**	01/24/17 9:15 AM	**Spill Duration:**	1 hour(s) 22 minute(s)
Site Name:	520 Graydon Ave			**SSO Classification:**	Infrastructure

Cordinates:

Description Of Incident

Due to a structural collapse of a sewer lateral, an overflow occurred from the Clean out while trying to relieve the stoppage.

Possible Receptors

The Hague

Description of Materials

Sewage

Corrective Action

Made repairs to the pipe. Cleaned and disinfected area and removed all solids from the overflow.
-----January 19, 2017 05:18 PM-----

DEQ Comments (Reviewed 1/24/2017 10:36:07 AM by Eric Miller)

IR # assigned.
-----January 24, 2017 10:36 AM-----

Attachments

None.

SSORS ID:	104975	**Reported:**	03/23/17 3:48 PM	**Amount Spilled:**	200 Gallons
DEQ IR #:	SSORS#2017-T-104975	**Reported by:**	Brian Wilson	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	03/24/17 9:03 AM	**Reaching State Waters:**	200 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Eric Miller	**Spill Date:**	03/22/17 10:11 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	03/22/17 5:10 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	03/23/17 3:48 PM	**Spill Duration:**	6 hour(s) 59 minute(s)
Site Name:	Remsen St			**SSO Classification:**	Maintenance-Grease
Cordinates:					

Description Of Incident

Manhole overflow due to mainline stoppage.

Possible Receptors

Lafayette River

Description of Materials

Sewage

Corrective Action

Broke stoppage at manhole.
-----March 23, 2017 03:48 PM-----

DEQ Comments (Reviewed 3/24/2017 9:03:12 AM by Eric Miller)

IR # assigned.
-----March 24, 2017 09:03 AM-----

Attachments

None.

SSORS ID:	104977	**Reported:**	03/28/17 3:52 PM	**Amount Spilled:**	200 Gallons
DEQ IR #:	SSORS#2017-T-104977	**Reported by:**	Brian Wilson	**Amount Recovered:**	200 Gallons
Asset ID:		**Lasted Edited**	03/30/17 12:11 PM	**Reaching State Waters:**	0 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Eric Miller	**Spill Date:**	03/28/17 9:59 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	03/28/17 11:40 AM
Responsible Party:	City of Norfolk	**Final Submittal:**	03/29/17 10:32 AM	**Spill Duration:**	1 hour(s) 41 minute(s)
Site Name:	E Princess Anne Rd			**SSO Classification:**	Infrastructure
Cordinates:					

Description Of Incident

Sewer main leak inside conflict storm drain manhole accumulating in adjacent ditch.

Possible Receptors

Lafayette and/or Elizabeth River

Description of Materials

Sewage, grease, and debris

Corrective Action
Vactored ditches until and during repair
-----March 28, 2017 03:52 PM-----

DEQ Comments (Reviewed 3/30/2017 12:11:02 PM by Eric Miller)
IR # assigned.
-----March 30, 2017 12:11 PM-----

Attachments

None.

SSORS ID:	105002	**Reported:**	05/30/17 4:36 PM	**Amount Spilled:**	75 Gallons
DEQ IR #:	SSORS#2017-T-105002	**Reported by:**	David Speer	**Amount Recovered:**	75 Gallons
Asset ID:		**Lasted Edited**	05/31/17 4:48 PM	**Reaching State Waters:**	0 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	David Speer	**Spill Date:**	05/26/17 1:59 PM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	05/26/17 2:15 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	05/31/17 4:48 PM	**Spill Duration:**	0 hour(s) 16 minute(s)
Site Name:	Goff St			**SSO Classification:**	Maintenance-Grease

Cordinates:

Description Of Incident
Sewer manhole overflowing

Possible Receptors

Lafayette River

Description of Materials
Sewage

Corrective Action
Broke stoppage, vactored standing liquid and washed down
-----May 30, 2017 04:36 PM-----

DEQ Comments (Reviewed 5/31/2017 1:42:39 PM by Eric Miller)
IR # assigned.
-----May 31, 2017 01:42 PM-----

Attachments

None.

SSORS ID:	105003	**Reported:**	05/30/17 4:48 PM	**Amount Spilled:**	337 Gallons
DEQ IR #:	SSORS#2017-T-105003	**Reported by:**	David Speer	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	06/02/17 4:47 PM	**Reaching State Waters:**	337 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	David Speer	**Spill Date:**	05/27/17 5:45 PM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	05/27/17 7:15 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	06/02/17 4:47 PM	**Spill Duration:**	1 hour(s) 30 minute(s)
Site Name:	Major Ave			**SSO Classification:**	Maintenance-Grease

Cordinates:

Description Of Incident
Sewer cleanout overflowing

Possible Receptors

Lafayette River

Description of Materials
Sewage

Corrective Action
Broke stoppage and cleaned up area
-----May 30, 2017 04:48 PM-----

DEQ Comments (Reviewed 5/31/2017 1:43:23 PM by Eric Miller)
IR # assigned.
-----May 31, 2017 01:43 PM-----

Attachments

None.

SSORS ID:	105009	**Reported:**	06/09/17 10:13 AM	**Amount Spilled:**	25 Gallons
DEQ IR #:	SSORS#2017-T-105009	**Reported by:**	David Speer	**Amount Recovered:**	25 Gallons
Asset ID:		**Lasted Edited**	06/09/17 1:49 PM	**Reaching State Waters:**	0 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Eric Miller	**Spill Date:**	06/08/17 1:45 PM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**	06/09/17 10:07 AM	**Date Under Control:**	06/08/17 3:30 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	06/09/17 10:13 AM	**Spill Duration:**	1 hour(s) 45 minute(s)
Site Name:	St Paul's Blvd			**SSO Classification:**	Infrastructure

Cordinates:

Description Of Incident
Partially collapsed pipe backed up and overflowed out of a cleanout besides 125 St Paul's Blvd

Possible Receptors

Elizabeth River

Description of Materials
Sewage, grease, debris

Corrective Action
Vactored down system and cleaned up/disinfected area
-----June 9, 2017 10:13 AM-----

DEQ Comments (Reviewed 6/9/2017 1:49:37 PM by Eric Miller)
IR # assigned.
-----June 9, 2017 01:49 PM-----

Attachments

None.

SSORS ID:	105011	**Reported:**	06/13/17 8:39 AM	**Amount Spilled:**	250 Gallons
DEQ IR #:	SSORS#2017-T-105011	**Reported by:**	David Speer	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	06/16/17 5:15 PM	**Reaching State Waters:**	250 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	David Speer	**Spill Date:**	06/12/17 10:46 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	06/12/17 2:09 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	06/16/17 5:15 PM	**Spill Duration:**	3 hour(s) 23 minute(s)
Site Name:	Poplar Hall Drive			**SSO Classification:**	Infrastructure

Cordinates:

Description Of Incident
Sewer overflow occurred at a cleanout in back of 5867 Poplar Hall Dr

Possible Receptors

Broad Creek. Amount released is an estimate

Description of Materials
Sewage

Corrective Action
Cleaned up spill and broke line stoppage that caused the oveflow
-----June 13, 2017 08:39 AM-----
-----June 16, 2017 05:15 PM-----

DEQ Comments (Reviewed 6/13/2017 1:47:06 PM by Eric Miller)
IR # assigned.
-----June 13, 2017 01:47 PM-----

Attachments

None.

SSORS ID:	105035	**Reported:**	07/27/17 10:41 AM	**Amount Spilled:**	63 Gallons
DEQ IR #:	SSORS#2017-T-105035	**Reported by:**	David Speer	**Amount Recovered:**	15 Gallons
Asset ID:		**Lasted Edited**	07/28/17 8:46 AM	**Reaching State Waters:**	48 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Eric Miller	**Spill Date:**	07/26/17 11:10 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	07/26/17 11:35 AM
Responsible Party:	City of Norfolk	**Final Submittal:**	07/27/17 1:01 PM	**Spill Duration:**	0 hour(s) 25 minute(s)
Site Name:	Chapel St			**SSO Classification:**	Maintenance-Grease

Cordinates:

Description Of Incident

Sewer main line stopped up at Tyler & Chapel St intersection and resulted in an overflow. The stoppage was broken and a vactor truck was brought in to clean up the overflow.

Possible Receptors

Elizabeth River. Amount released is an estimate.

Description of Materials

Sewage

Corrective Action

The stoppage was broken and the overflow material vactored and cleaned up.
-----July 27, 2017 10:41 AM-----

DEQ Comments (Reviewed 7/28/2017 8:46:15 AM by Eric Miller)

IR # assigned.
-----July 28, 2017 08:46 AM-----

Attachments

None.

SSORS ID:	105042	**Reported:**	08/10/17 6:12 PM	**Amount Spilled:**	60 Gallons
DEQ IR #:	SSORS#2017-T-105042	**Reported by:**	Michael Dixon	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	08/14/17 6:52 AM	**Reaching State Waters:**	0 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	Eric Miller	**Spill Date:**	08/09/17 6:00 PM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**	08/10/17 5:40 PM	**Date Under Control:**	08/09/17 6:40 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	08/10/17 6:17 PM	**Spill Duration:**	0 hour(s) 40 minute(s)
Site Name:	111 A View Ave			**SSO Classification:**	Maintenance-Grease

Cordinates:

Description Of Incident

Tech was called out to a sewer stoppage from a manhole overflow.

Possible Receptors

Willougby Bay

Description of Materials

Material causing stoppage due to grease and debris, sewage

Corrective Action

Broke the stoppage with the high pressure, stoppage was relieved. System returned to normal.
-----August 10, 2017 06:12 PM-----

DEQ Comments (Reviewed 8/14/2017 6:52:09 AM by Eric Miller)

IR # assigned.
-----August 14, 2017 06:52 AM-----

Attachments

None.

SSORS ID:	105048	**Reported:**	08/25/17 4:56 PM	**Amount Spilled:**	50 Gallons

DEQ IR #:	SSORS#2017-T-105048	**Reported by:**	David Speer	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	08/28/17 9:25 AM	**Reaching State Waters:**	50 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	John Settle	**Spill Date:**	08/25/17 11:30 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	08/25/17 1:00 PM
Responsible Party:	City of Norfolk	**Final Submittal:**	08/25/17 4:57 PM	**Spill Duration:**	1 hour(s) 30 minute(s)
Site Name:	706 E. Leicester St			**SSO Classification:**	Maintenance-Grease

Cordinates:

Description Of Incident
Grease blockage caused an overflow at a sewer cleanout box.

Possible Receptors
Mason Creek/Elizabeth River

Description of Materials
Sewage

Corrective Action
Cleared the blockage and cleaned up the sewage
-----August 25, 2017 04:56 PM-----

DEQ Comments (Reviewed 8/28/2017 9:25:57 AM by John Settle)

None.

Attachments

None.

SSORS ID:	105049	**Reported:**	08/25/17 5:06 PM	**Amount Spilled:**	20 Gallons
DEQ IR #:	SSORS#2017-T-105049	**Reported by:**	David Speer	**Amount Recovered:**	0 Gallons
Asset ID:		**Lasted Edited**	08/28/17 9:25 AM	**Reaching State Waters:**	20 Gallons
Reporting Jurisdiction:	Norfolk	**Last Edited by:**	John Settle	**Spill Date:**	08/25/17 10:00 AM
Spilled-In Jurisdiction:	Norfolk	**Phoned In:**		**Date Under Control:**	08/25/17 11:00 AM
Responsible Party:	City of Norfolk	**Final Submittal:**	08/25/17 5:06 PM	**Spill Duration:**	1 hour(s) 0 minute(s)
Site Name:	3475 Azalea Garden Rd			**SSO Classification:**	Maintenance-Grease

Cordinates:

Description Of Incident
Grease blockage caused an overflow at the cleanout at 3475 Azalea Garden Rd

Possible Receptors
Elizabeth River

Description of Materials
Sewage

Corrective Action
Broke the stoppage and cleaned up the overflow sewage
-----August 25, 2017 05:06 PM-----

DEQ Comments (Reviewed 8/28/2017 9:25:37 AM by John Settle)

None.

Attachments

None.



Join Norfolk's Coastal Cleanup





Volunteer on Saturday, September 17, 2016 9 a.m. – Noon

Choose your Adopt-A-Spot site or a pre-selected location.

We will provide litter grabbers, gloves, bags, sign in sheets and water coolers to volunteers.

Register at www.norfolk.gov/knb

757-441-1347 | alacia.nixson@norfolk.gov

KEEP NORFOLK BEAUTIFUL
KEEP AMERICA BEAUTIFUL AFFILIATE

Trash in the water is preventable. Let's make a difference.

Ocean View Beach Park

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected
3060	164	33	7	294	36	18	108	27	51	23	42	29	18	3	34	17	8	0	8	2	10	0	1	22	5	8	22	0	0	12	76	3	2	17	0	0	0	2	0	0	2	0	161	50	535	4904

EOV Community park

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected
124	8	1	1	12	0	0	0	4	8	14	14	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	81	0	0	0	0	0	0	0	28	318
168	18	17	1	11	0	1	3	1	3	2	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	66	334
51	19	2	1	19	0	7	2	2	3	4	11	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	15	0	0	0	0	0	0	0	38	0	0	0	0	0	0	0	20	176

Bay Dunes Drive

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected
126	15	3	0	7	0	6	18	0	3	0	0	0	0	0	0	4	0	0	0	0	0	11	0	0	0	0	0	5	0	1	0	0	0	0	0	28	0	0	0	0	0	0	0	10	237

OV Pier

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected
103	14	3	3	12	0	4	11	0	4	4	4	7	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	74	0	0	0	1	0	0	0	32	299
62	61	11	10	18	0	15	37	0	24	9	27	28	0	0	0	22	0	0	0	0	0	5	0	0	0	0	0	14	0	1	0	0	0	0	0	111	0	0	0	0	0	0	0	104	577

Community Beach Park

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected
37	8	0	1	18	11	2	12	9	2	13	16	3	3	0	0	1	0	0	0	0	0	0	2	1	0	2	0	0	0	18	1	0	1	0	0	0	0	0	0	0	5	3	7	176

Willoughby Split

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected
386	59	41	25	127	0	93	146	24	91	67	69	28	0	0	0	14	0	0	0	0	0	19	0	0	0	0	0	105	0	2	0	0	0	0	0	274	0	0	0	0	0	59	0	0	289	1918

Beach - Cottage Place Beach to N. Beach View

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected
409	95	32	40	158	18	13	30	7	44	70	44	34	2	6	9	6	2	1	0	6	1	0	0	0	0	0	38	0	0	10	25	5	6	26	0	0	0	0	0	0	0	21	8	63	1275

Wetland: Poppe and Somes

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected
111	39	1	0	17	0	42	4	11	4	1	4	1	0	0	0	3	0	0	0	0	0	6	0	0	0	0	0	16	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	23	290

1900 E Ocean View - 1300 E Ocean View

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected
3060	164	33	7	294	36	18	108	27	51	23	42	29	18	3	34	17	8	0	8	2	10	0	1	22	5	8	22	0	0	12	76	3	2	17	0	0	0	2	0	0	3	0	161	50	535	4904

Sarah Constance Beach Park

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected
0	41	2	5	3	11	0	2	12	3	13	6	15	3	0	0	0	1	0	0	0	0	0	5	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	4	0	0	51

Tidewater from Little Creek to Bayview

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected
58	32	2	1	4	0	6	11	1	20	5	7	21	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	7	0	2	0	0	0	0	1	23	0	0	0	0	0	2	0	40	240

E. Princess Anne Rd. from Park Avenue to Ballentine Blvd

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected

Curlew Drive from Feeder Road to Light Rail Station

SPOT- Military Gardens

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected
63	2	0	0	9	0	0	2	1	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	0	0	0	0	0	0	0	0	196

Beach - 21st Bay Street down to 30th Bay Street

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected
133	53	17	0	42	0	33	23	5	45	54	47	98	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	80	0	3	0	0	0	0	1	190	0	0	0	0	0	10	0	206	1050

Admiral Taussig Blvd from Granby St. to E. Little Creek Blvd.

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected
71	34	0	3	24	5	13	17	5	31	9	7	11	16	3	18	14	4	1	1	0	0	0	0	0	0	0	13	0	0	0	10	1	4	0	0	8	0	1	0	1	0	0	0	32	125	489

TOTAL

Cigarette Butts	Food Wrappers (candy, chips, etc.)	Take Out/Away Containers (Plastic)	Take Out/Away Containers (Foam)	Bottle Caps (Plastic)	Bottle Caps (Metal)	Lids (Plastic)	Straws, Stirrers	Forks, Knives, Spoons	Beverage Bottles (Plastic)	Beverage Bottles (Glass)	Beverage Cans	Grocery Bags (Plastic)	Other Plastic Bags	Paper Bags	Cups, Plates (Paper)	Cups, Plates (Plastic)	Cups, Plates (Foam)	Fishing Buoys, Pots & Traps	Fishing Net & Pieces	Fishing Line (1 yard/meter = 1 piece)	Rope (1 yard/meter = 1 piece)	Fishing Gear (Clean Swell)	6-Pack Holders	Other Plastic/Foam Packaging	Other Plastic Bottles (oil, bleach, etc.)	Strapping Bands	Tobacco Packaging/ Wrap	Other Packaging (Clean Swell)	Appliances (refrigerators, washers, etc.)	Balloons	Cigar Tips	Cigarette Lighters	Construction Materials	Fireworks	Tires	Toys	Other Trash (Clean Swell)	Condoms	Diapers	Syringes	Tampons/Tampon Applicators	Personal Hygiene (Clean Swell)	Foam Pieces	Glass Pieces	Plastic Pieces	Total Items Collected
8036	841	198	105	1069	105	271	534	136	389	311	348	321	64	15	93	119	23	2	17	10	21	43	9	54	10	18	95	209	0	62	201	10	9	60	0	6	947	14	10	2	7	72	352	143	2106	17382



The first 150 residents to bring milk or juice cartons to be recycled will receive a free reusable tote!

AMERICA RECYCLES DAY

Saturday, November 19, 2016 9AM—2PM

1176 Pineridge Road | Norfolk, Virginia | 757-664-6510

Your unwanted items want to **#BeRecycled**

Accepted items include:

Clothing and Décor, Electronics, General Recyclables, Document Shredding and Household Hazardous Waste

For a full list of accepted items visit www.norfolk.gov/knb

IN PARTNERSHIP WITH: TFC Recycling, Iron Mountain, goodwill, City of Norfolk

KEEP NORFOLK BEAUTIFUL
KEEP AMERICA BEAUTIFUL AFFILIATE

NORFOLK

Department of Public Works

Norfolk Recycles Day

Saturday November 19, 2016

Inventory

152 Customers

	Residential Regulated Waste	Amount	Unit Type
1	Acids	20	Gallons
2	Aerosol Cans	140	Items
3	Automotive Oils	133	Gallons
4	Batteries	1,480	Items
5	Lead Acid Batteries	5	Items
6	Cooking Oil	0	Gallons
7	Corrosive (Liquid)	6 (49.8)	Gallons
8	Corrosive (Solid)	1	Gallons
9	Flammable Liquids	122 (1012.6)	Gallons
10	Fluorescent Bulbs	265	Items
11	Mercury Items	7	Items
12	Paint (Latex)	503 (4,174.9)	Gallons
13	Paint (Oil)	184 (1,527.2)	Gallons
14	Pesticides (Liquid)	71 (589.3)	Gallons
15	Pesticides (Solids)	216 (1,792.8)	Gallons
16	Oxidizers	4	Gallons
17	Propane Tanks	16	Items
18	Non Hazardous (Liquid)	194 (1,610.2)	Gallons
19	Non Hazardous (Solids)	5	Gallons
20	Electronics	151	Items

NORFOLK RECYCLES DAY

Saturday, May 6th, 2017

9 AM—2 PM

FREE Drop-off at One Location

CLOTHING AND HOUSEHOLD

Clothing, Shoes, Accessories, Small Household Electronics, Kitchenware and Home Décor

HOUSEHOLD HAZARDOUS WASTE

Paint, Propane Tanks, Oil, Batteries*

ALSO: SECURE DOCUMENT SHREDDING

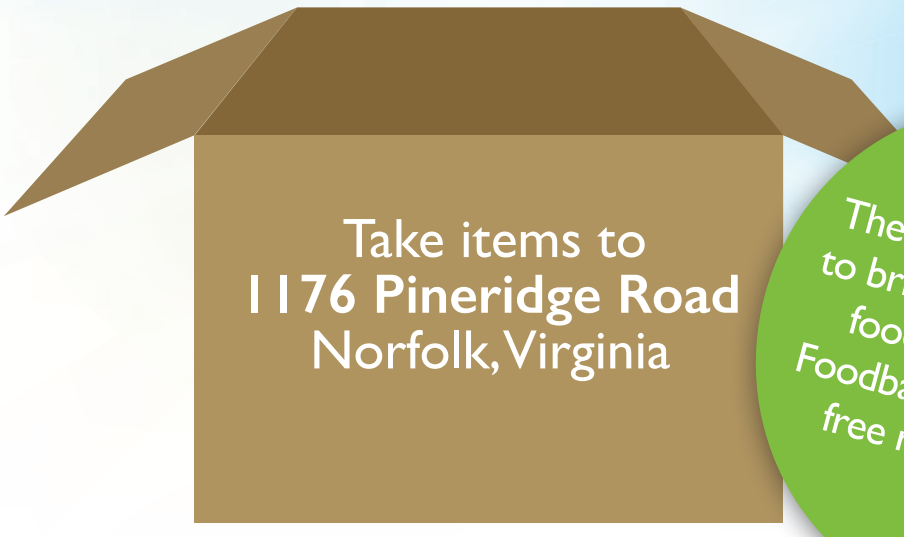
Personal Documents, Sensitive Documents

GENERAL RECYCLABLES

Plastic Bottles and Jugs, Milk and Juice Cartons, Cardboard, Aluminum Cans, Paper, Glass Bottles and Glass Jars

ELECTRONICS AND DEVICES

Personal Computers and Laptops, Printers, Monitors, Cell Phones and Telephones, Stereo Equipment and Game Systems, Televisions*



Take items to
1176 Pineridge Road
Norfolk, Virginia

The first 150 residents to bring non-perishable food items for the Foodbank will receive a free reusable tote!

THE CITY OF NORFOLK℠

In partnership with TFC Recycling, Iron Mountain, Goodwill, The City of Norfolk, and Keep Norfolk Beautiful
*For Norfolk Residents Only • For a full list of acceptable items, visit **www.norfolk.gov/KNB**

NORFOLK

Department of Public Works

Norfolk Recycles Day

Saturday May 6, 2017

Inventory

109 Customers

	Residential Regulated Waste	Amount	Unit Type
1	Acids	72	Gallons
2	Aerosol Cans	278	Items
3	Automotive Oils	298	Gallons
4	Batteries	845	Items
5	Lead Acid Batteries	10	Items
6	Cooking Oil	7	Gallons
7	Corrosive (Liquid)	9	Gallons
8	Corrosive (Solid)	30	Pounds
9	Flammable Liquids	205	Gallons
10	Fluorescent Bulbs	62	Items
11	Mercury Items	4	Items
12	Paint (Latex)	319	Gallons
13	Paint (Oil)	80	Gallons
14	Pesticides (Liquid)	57	Gallons
15	Pesticides (Solids)	34	Pounds
16	Oxidizers	0	Pounds/ Gallons
17	Propane Tanks	5	Items
18	Non Hazardous (Liquid)	29	Gallons
19	Non Hazardous (Solids)	24	Pounds
20	Electronics	75	Items

HOUSEHOLD HAZARDOUS WASTE Collection

NORFOLK RECYCLES

Location and Hours of Operation:

Division of Waste Management ***(ONLY LOCATION)***

1176 Pineridge Rd.

Monday - Saturday • 10 a.m. - 2 p.m.

757–664–6510

Norfolk's HHW Collection Service is available FREE OF CHARGE for Norfolk residents only. Proof of residency is required.

***Proof may include driver's license or utility bill.**

ACCEPTED HOUSEHOLD HAZARDOUS WASTE*

- **Automotive batteries**
- **Automotive fluids, fuels & oils**
  - **Carburetor fluids & cleaners**
  - **Diesel fuel**
  - **Fuel additives**
  - **Fuel injector cleaners**
  - **Gasoline**
  - **Motor oil**
  - **Starting fluids**
  - **Transmission & brake fluid**
- **Cleaners**
  - **Drain**
  - **Driveway**
  - **Oven**
  - **Tub, tile, shower & toilet**
  - **Wood/metal**
- **Compact fluorescent bulbs**
- **Fluorescent tubes *(Up to 4ft. Only)***
- **Household batteries**
- **Inorganic acids**
  - **Hydrochloric acid**
  - **Muriatic acid**
  - **Rust remover**
- **Liquid & solid pesticides**
  - **Ant & cockroach poisons**
  - **Fertilizer**
  - **Flea repellants**
  - **Fungicides**
  - **Herbicides**
  - **Insecticides**
  - **Mosquito repellant**
  - **Moth repellants**
  - **Mouse & rat poisons**
  - **Pesticides**
  - **Wood preservatives**
- **Mercury-containing thermometers**
- **Mercury-containing thermostats**
- **Paint & paint-related products**
  - **Adhesives**
  - **Enamel-based paint**
  - **Finishes**
  - **Fixatives**
  - **Furniture strippers**
  - **Glues**
  - **Linseed oil**
  - **Oil-based paint**
  - **Paint strippers & removers**
  - **Solvents**
  - **Stains**
  - **Thinners & turpentine**
- **Photographic chemicals**
- **Pool chemicals**
- **Propane tanks**
- **Soaps, detergents & cleaners**
  - **Ammonia**
  - **Bleach**
  - **Degreasers**
- **Waste fuels & solvents**
  - **Lighter fluid**
  - **Nail polish removers**
  - **Butane**
  - **Propane**
- **Waste oils**
  - **Cooking oil**
  - **Driveway sealer**
  - **Gas/oil mixtures**
  - **Home heating oil**
  - **Kerosene**

* Limited to 5 gallons or 75lbs. of material per visit

Questions: Call 757–664–6510 or visit www.norfolk.gov/waste

City of Norfolk
HHW Disposal Activity
FY17

Description	Unit	Date Picked-Up 7/8/2016	8/5/2016	9/22/2016	9/30/2016	11/4/2016	12/2/2016	1/6/2017	2/3/2017	3/3/2017	4/7/2017	5/5/2017	5/26/2017	6/9/2017	TOTAL	Unit cost for Disposal by Product	FY17 Disposal Cost	Estimated Disposal Units FY18	Estimated Disposal Cost FY18
Aerosols	DRUM	4	4	5	1	5	5	3	2	4	4	4	4	2	47	$ 150.00	$ 7,050.00	58	$ 8,700.00
Alkaline Batteries	DRUM	1	1		1	1	1	1		1	1	1	1	1	11	$ 125.00	$ 1,375.00	12	$ 1,500.00
Automotive Batteries	PALLET												2		2	No Charge	$ -	2	No Charge
Bulk Antifreeze	DRUM											1	1	1	3	$ 40.00	$ 120.00	6	$ 240.00
Bulk Flammable liquid	DRUM	2	2	2	1	2	3	2	1		2	3	1	1	22	$ 105.00	$ 2,310.00	27	$ 2,835.00
Bulk Latex Paint	*TOTE*	4	2	2	3	3	3	2		4	4	4	1	2	34	$ 300.00	$ 10,200.00	45	$ 13,500.00
Bulk Motor Oil	DRUM	7	4	8	2	4	6	6	1	2	4	3	2	1	50	$ 85.00	$ 4,250.00	30	$ 2,550.00
Compact CFL's	EACH	174	137	140		172	221	124	169	130	125	105	135	33	1665	$ 0.35	$ 582.75	1850	$ 647.50
Corrosive Liquid Acidic	DRUM	1	1	1	1	1	1		1		1	1	1	1	11	$ 175.00	$ 1,925.00	12	$ 2,100.00
Corrosive Liquid Base	DRUM	1		2		1	1	1		1	1	2	1	1	12	$ 175.00	$ 2,100.00	15	$ 2,625.00
Corrosive Solid Acidic	DRUM					1	1					1	1		4	$ 175.00	$ 700.00	7	$ 1,225.00
Corrosive Solid Basic Inorganic	DRUM			1			1				5	4	1	1	13	$ 175.00	$ 2,275.00	15	$ 2,625.00
Fluorescent Light Tubes	FEET	436	520	64		708	548	256	1500	1448	388	1196	256	784	8104	$ 0.15	$ 1,215.60	10000	$ 1,500.00
LP Flammable Solid	DRUM	4	4	6	1	3	5	4	2	4	8	5	4	1	51	$ 300.00	$ 15,300.00	62	$ 18,600.00
LP Oxidizer Liquids	DRUM		1												1	$ 225.00	$ 225.00	5	$ 1,125.00
LP Oxidizer Liquids (per LBS)	5-GAL DRUM												10		10	$ 4.00	$ 40.00	20	$ 80.00
LP Oxidizer Solid	DRUM					1								1	2	$ 225.00	$ 450.00	4	$ 900.00
LP Oxidizer Solid (per LBS)	5-GAL DRUM												10		10	$ 4.00	$ 40.00	20	$ 80.00
Mercury in Mfg Articles	5 GAL					1								1	2	$ 125.00	$ 250.00	4	$ 500.00
Non-Regulated Cleaners	DRUM	3	5	4	1	9	8	4	2	4	8	6	4	4	62	$ 65.00	$ 4,030.00	75	$ 4,875.00
Paint Related Materials	DRUM	6	4	4	1	4	4	2	2	4	4	3	3	1	42	$ 105.00	$ 4,410.00	50	$ 5,250.00
Paint Related Materials	*TOTE*														0	$ 300.00	$ -	1	$ 300.00
Pesticide Liquid	DRUM	3	2	4	1	4	2	2	1	2	2	3	2	2	30	$ 185.00	$ 5,550.00	35	$ 6,475.00
Pesticide Solid	DRUM	3	1	3	1	2	2	1		1	2	2	2	1	21	$ 185.00	$ 3,885.00	31	$ 5,735.00
Propane	20 LB TANK	12	17	5		10	12		12		12	31	14	6	131	$ 8.00	$ 1,048.00	150	$ 1,200.00
Propane	1 LB TANK	30	38	80		92			68	57		74	72	26	537	$ 3.00	$ 1,611.00	750	$ 2,250.00
NICAD BATTERIES (20LB)	5 GAL			20	10	56	43			31	66	12	26	24	288	$ 4.00	$ 1,152.00	350	$ 1,400.00
LITHIUM BATTERIES (10LB)	5 GAL			10	5	39	35			62	29	10	14	26	230	$ 4.00	$ 920.00	275	$ 1,100.00
NiMH BATTERIES (10LB)	5 GAL			10		18	8			31	13	8	7	11	106	$ 4.00	$ 424.00	125	$ 500.00
Bulk Latex Paint	DRUM												16		16	$ 55.00	$ 880.00	22	$ 1,210.00
Waste Oils Cooking Oil	DRUM														0	$ 85.00	$ -	4	$ 340.00

One 'TOTE' = four 55-gal drums

Packaged in something other than a 55-gallon drum

$ 74,318.35 $ 91,967.50 FY18 Anticipated Disposal Cost

$92,000.00 *Rounded*

24% increase projected for FY18

DO #	21117000450	21117000457	21117000466	21117000468	21117000477	21117000487	21117000496	21117000504	21117000511	21117000518	21117000530	21117000354 21117000535	21117000540
Vendor	MXI	MXI	MXI	MXI	MXI	MXI	MXI	MXI	MXI	MXI	MXI	MXI	MXI
Amount	**$6,527.30**	**$5,150.95**	***$7,213.60***	***$2,525.00***	**$7,189.40**	**$7,079.55**	**$4,376.80**	**$2,374.15**	**$5,634.70**	**$8,409.95**	**$7,871.15**	**$6,116.65**	**$3,849.15**

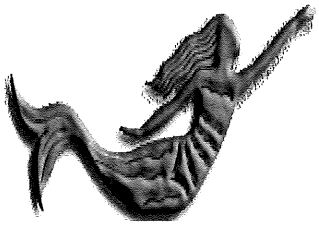
$74,318.35

46% increase recognized in Hazardous Waste collection between FY16 and FY17

SUMMARY	
55-gallon DRUMS of HHW collected	534
5-gallon PAILS of Mercury items	2
Fluorescent Light Tubes (4')	2,026
Compact CFL's	1,665
Propane - 20 lb Tanks	131
Propane - 1 lb Tanks	537
Automotive Batteries	18
Alkaline Batteries (pounds)	5,228
NiCAD Batteries (pounds)	288
LITHIUM Batteries (pounds)	230
NiMH Batteries (pounds)	106

List of Facilities - NO DMR's Submitted				
Permit No.	**Facility**	**Location**	**Jul 1 - Dec 31, 2016 DMR Received?**	**Jan 1 - June 30, 2017 31 DMR Received?**
VAR050293	Carroll Trucking Inc.	6300 Tidewater Dr.	No	No
VAR051844	EHA Abrasives, LLC	3306 Peterson St.	No	No
VAR052143	Empire Recycling Norfolk	1100 E Princess Anne Rd.	No	No
VAR050351	Gutterman Iron and Metal Corp.	706 May Ave.	Yes	No
VAR052316	Kinder Morgan Norfolk Terminal	1000 Lansing St.	No	No
VAR050484	Little Creek Marina Inc.	4801 & 4913 Pretty Lake Ave.	No	No
VAR051845	Marine Hydraulics International - Mid Town	1215 Warrington Ave.	Yes	No
VAR050382	Marine Oil Service Inc.	1421 S Main St.	No	Yes
VAR052312	MHI Main Office	543 E Indian River Rd.	Yes	No
VAR052162	NASSCO - Norfolk Mid-Atlantic	1118 Warrington Ave.	No	No
VAR051448	Norfolk Southern Railway Co. - Lamberts Point	2200 Redgate Ave.	No	No
VAR050357	Security Storage and Van Co.	5786 Sellger Dr.	Yes	No
VAR052191	Six M, LLC	425 Campostella Rd.	No	No
VAR052352	United Disposal, Inc.	161 Wellman St.	No	No
VAR052227	US Postal Service - Lafayette Station	2655 Tidewater Dr.	No	No
VAR050301	US Postal SVS - Vehicle Maintenance Fac.	600 Church St.	No	Yes
VAR050313	VPA - Norfolk International Terminals	7737 Hampton Blvd.	No	No

List of Facilities - Significant Pollutant Loadings to MS4		
Permit No.	**Facility**	**Location**
VAR052302	Bay Disposal & Recycling Corp. Office	2224 Springfield Ave.
VAR050244	Cobb's Marina Inc.	4524 Dunning Rd.
VAR050351	Gutterman Iron and Metal Corp.	706 May Ave.
VAR051701	HEPACO, LLC	1301 Marsh St.
VAR051722	Heritage Crystal-Clean, LLC	5539 Farris St.
VAR051847	L Chenman Inc.	619 W 24th St.
VAR052167	Mid-Atlantic Recycling Solutions, LLc	3307 Hanbury Rd.
VAR052290	Tubbs Auto Parts Inc.	2215 E Indian River Rd.
VAR050352	Virginia-Carolina Steel Inc.	2411 Ingleside Rd.



DEPARTMENT OF PUBLIC WORKS
OPERATIONS
HIGH-RISK COMMERCIAL AND INDUSTRIAL OUTFALL INSPECTION PROGRAM

DATE WRITTEN:	May 13, 2014
DATE REVISED:	June 28, 2017
PREPARED BY:	June Whitehurst, Environmental Program Manager; Casey Magruder, Environmental Program Administrator
REVIEWED BY:	Peter Garner, Operations Engineering Manager
FILE PATH:	K:\0000 - PW\Admin\SOPs\0600 - Comb Ops\Operations SOPs\SOP 627 High-Risk Outfall Inspection Program
REFERENCE:	MS4 Permit; City Ordinances; SOP628, Storm Water Infrastructure Inspection Program
DISTRIBUTION:	Management Services; Operations

PURPOSE/OBJECTIVE:

To meet regulatory requirements outlined in Part I.A.2.g of the MS4 permit.

To define guidelines, protocols, and procedures for the high-risk Commercial and Industrial "outfall" Inspection Program. The purpose of this program is to identify and control pollutants in storm water discharges from commercial and industrial facilities that have been identified in the MS4 permit as high risk of discharging pollutants to the City's MS4.

This SOP is to be used by Public Works Operations staff to assist with the implementation of the program.

BACKGROUND:

The City of Norfolk is mandated by federal and state law, as well as the City's MS4 VPDES Permit, VA0088650, to monitor and control pollutants in storm water discharges from the City storm water conveyances. One component of the program is the detection and elimination of illicit discharges into the City's MS4 system.

Facilities operating under a VPDES permit issued by DEQ are required to meet certain effluent standards and implement best management practices depending upon the nature of the activity undertaken at the facility, and are inspected by the State.

The focus of the City's program will be on those high-risk commercial and industrial sites which have a point source outfall from the facility directly into City's MS4 system.

DEFINITIONS:

Best Management Practices (BMP's) – Schedules of activities, practices (and prohibitions of practices), structures, vegetation, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants to surface waters. BMP's also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

SOP 627

DEPARTMENT OF PUBLIC WORKS OPERATIONS HIGH-RISK COMMERCIAL AND INDUSTRIAL OUTFALL INSPECTION PROGRAM

High-risk Facilities – Any industrial or commercial facility that discharges to the MS4 that has been determined to contribute a significant pollutant loading (e.g. municipal landfills, TSD facilities, hazardous waste TSD facilities, facilities subject to EPCRA Title III, Section 313, facilities with VPDES industrial permits etc.).

Illicit Discharge – Discharge to the storm water system that is not comprised entirely of rain water or an authorized discharge. Illicit discharges are often, but not limited to, petroleum products (i.e., motor oil, antifreeze, hydraulic oil, transmission fluid, etc.), paint and solid waste.

MS4 VPDES Permit – Municipal Separate Storm Sewer System Virginia Pollution Discharge Elimination System is a permit issued to the City of Norfolk by the state of Virginia authorizing, under prescribed conditions, the potential or actual discharge of pollutants from a point source to surface waters. Best management practices and good housekeeping practices must be implemented and maintained to the maximum extent practicable to reduce the pollutants from discharging to natural waterways of the US.

RESPONSIBILITIES:

Department of Public Works Operations is the administrator of the MS4 VPDES Permit, VA0088650. Environmental staff ensures compliance with the VPDES permit associated with illicit discharges to the storm water system.

Public Works Environmental Staff develop and maintain a list of high priority commercial and industrial facilities. This list is reviewed and updated annually. Staff conduct the outfall inspection at these industrial and commercial high-risk facilities.

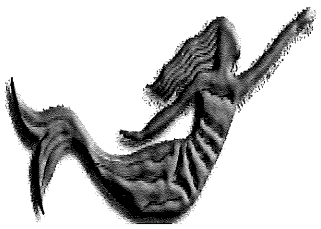
PROCEDURES:

1) Identify known industrial and commercial high-risk facilities:

The City obtains a list of current VPDES industrial storm water permit holders in the City of Norfolk from the DEQ Comprehensive Environmental Database System (CEDS). The CEDS data can be accessed via the following link: http://www.deq.virginia.gov/programs/water/permittingcompliance/pollutiondischargeelimination/permitsfees.aspx

No exposure certifications issued by DEQ exclude a facility from requiring a permit for storm water discharges associated with industrial activity. These certifications only apply to industrial facilities when all industrial materials and activities are protected by a storm-resistant shelter to prevent exposure to rain, snow, snowmelt, and/or runoff. A list of facilities in the City of Norfolk that hold no exposure certifications is also requested annually.

A list of business licenses in the City of Norfolk will be requested and received from the Commissioner of the Revenue's office annually. From this information, a prioritized inventory of high-risk commercial and industrial businesses is developed. City staff cross reference the business licenses with DEQ VPDES Industrial permitted facilities and no-exposure facilities. Facilities operating under a no exposure certification issued by DEQ are excluded from this



DEPARTMENT OF PUBLIC WORKS
OPERATIONS
HIGH-RISK COMMERCIAL AND INDUSTRIAL OUTFALL INSPECTION PROGRAM

inspection program. Additionally, facilities that sheet flow or discharge directly to state waters will be also excluded from the City's inspection program.

The list of high-risk facilities will be refined throughout the permit cycle. Industrial and commercial properties removed from the inspection program will be documented with justification.

2) Prioritize high-risk facilities:

Currently, the City prioritizes facility outfall inspections by concentrating on those commercial and industrial entities that have been identified as high-risk facilities in the MS4 permit. This prioritized inventory of target businesses includes:

High-risk Facilities:

- VPDES Industrial sites
- High-priority City municipal facilities
- Car wash/auto detailing facilities (including new/used car dealerships and rental facilities)
- Junk dealers
- Auto repair shops (mechanical and body)
- Transportation services (tow truck, taxi)
- Gas/service stations
- Nurseries
- Marinas
- Pet care facilities (kennels, day care)
- Waste Management Solid Waste Collection Sites / Material Recovery Facilities

The list of high-risk facilities is attached as Appendix A of this SOP. Prioritization is established through the Storm Water Infrastructure Inspection Program.

The Department of Fire-Rescue permits and inspects commercial and industrial facilities subject to Section 313 of SARA Title III. The Department of Fire-Rescue also permits and monitors demolition certificates, fireworks performances, hazardous materials storage, underground fuel tanks filling or removal, and welding or cutting metal. These facilities will also be excluded from the Commercial/Industrial Inspection Outfall Program inspection inventory.

3) VDPES Industrial Facility DMR Review

On an annual basis, the City will track submittals of all discharge monitoring reports (DMR's) by current VPDES industrial permit holders in the City of Norfolk. These documents will be used to identify and investigate facilities contributing significant pollutant loadings to the environment. Facilities that have not submitted a copy of their DMR to the City by June 30th of each year will be reported to DEQ by the annual report process.

4) Develop and implement a standard high-risk outfall inspection program:

The high-risk facilities outfall/tie-in inspections occur during the standard storm water preventative maintenance inspection program. This program consists of visual inspections of the storm water infrastructure including catch basins, manholes or drop inlets. The Inspector observes the structure for dry weather or illicit discharges from the facilities; if discovered the source is identified and eliminated. Details of the inspection program can be found in SOP628.

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Upon discovery of an unauthorized discharge, the inspector will refer facilities to the DEQ TRO for the following:

- Facilities that have non-stormwater discharges that do not currently have coverage under and existing VPDES industrial permit,
- Facilities that do not have coverage under an existing VPDES industrial permit and have been identified as required to obtain VPDES industrial permit coverage, and
- VPDES permit facilities that have evidence of significant pollutant loading.

5) Prepare reports to document inspection activities:

Standard high-risk facility outfall/tie-in inspections are documented and tracked by the preventative maintenance inspector. Documentation of the high-risk facilities completed will be reported to DEQ in the annual report.

Facilities that are referred to DEQ will also be tracked and reported in the City's annual report.

6) Analyze trends and modify/improve the program as necessary:

The overall success of the high-risk Commercial and Industrial Outfall Inspection Program will be measured through the successful implementation of outfall inspections as part of the program. Success will also be measured by the number of inspections conducted, and the number of problems discovered and resolved.

Program assessment will be submitted with each annual report discussing the activities completed for the previous program year. This will include a report on inventory, including the type and total number of facilities inspected.

Due to the ever-evolving nature of the program the inventory will be evaluated and updated. The program will exclude those properties that do not have a point source discharge directly to the City's MS4 or do not have the potential to pollute the MS4.

APPROVED:

Peter S. Garner, P.E.
Operations Engineering Manager
Public Works Operations

Attachment A – 2017 List of High-risk Facilities

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2017	TINEE GIANT #147	123 W OCEAN VIEW AVE	COASTAL INVESTMENTS INC	447110.00	Gas Station @ Convenience Store	2	WEST OCEAN VIEW
	2017	COMPETITIVE BUSINESS SYSTEMS INC	413 PINEWELL DR	COMPETITIVE BUSINESS SYSTEMS INC	485999.00	All Other Passenger Transportation	2	WEST OCEAN VIEW
	2017	C/O BLACK & WHITE CAB	124 DUPRE AVE	CANTRELL, DAVID L	485310.00	Taxi	2	WEST OCEAN VIEW
	2017	ANNAS TOWING OF NORFOLK	9665 1ST VIEW STREET	ALL-CITY TOWING & RECOVERY INC	488410.00	Tow Truck Services	2	WEST OCEAN VIEW
	2017	COAST 2 COAST OF NORFOLK	9665 1ST VIEW STREET	ALL-CITY TOWING & RECOVERY INC	488410.00	Tow Truck Services	2	WEST OCEAN VIEW
	2017	ENTERPRISE RENT-A-CAR	6252 E VIRGINIA BEACH BLVD	ENTERPRISE LEASING CO OF NFLK/RICH	532111.00	Passenger Car Rental	79	KEMPSVILLE
	2017	PERRY BUICK CO A CORP	6633 E VIRGINIA BEACH BLVD	PERRY BUICK CO	532111.00	Passenger Car Rental	79	KEMPSVILLE
	2017	B AUTOMOTIVE	6539 E VIRGINIA BEACH BLVD	B AUTOMOTIVE INC	811113.00	Automotive Transmission Repair	79	KEMPSVILLE
	2017	THE AUTO CONNECTION	6401 E VIRGINIA BEACH BLVD	AUTO CONNECTION INC THE	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	RICK HENDRICK CHEVROLET	6252 E VIRGINIA BEACH BLVD	COLONIAL CHEVROLET CORP	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	CAR-LIFE TRANSMISSIONS	6420 E VIRGINIA BEACH BLVD	CAR-LIFE INC	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	PERRY BUICK CO A CORP	6633 E VIRGINIA BEACH BLVD	PERRY BUICK CO	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	SHAFFER'S AUTO REPAIR INC	6539 E VIRGINIA BEACH BLVD	SHAFFER'S AUTO REPAIR INC	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	CHECKERED FLAG HONDA	6541 E VIRGINIA BEACH BLVD	CHECKERED FLAG STORE #1 LLC	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	COASTAL SAFETY BRAKE CENTER	6656 E VIRGINIA BEACH BLVD	BENNETT, SHARIF T	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	AUTO CONNECTION PREMIER COLLECTION	6401 E VIRGINIA BEACH BLVD	AUTO CONNECTION PREMIER COLL INC	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	ACE AUTO	6539 E VIRGINIA BEACH BLVD	ACE AUTO LLC	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	HAJJIS WHOLESALE	6400 E VIRGINIA BEACH BLVD	HAJJIS WHOLESALE LLC	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	LUXURY AUTO SALES INC	6430 E VIRGINIA BEACH BLVD	LUXURY AUTO SALES INC	441110.00	New Car Dealer	79	KEMPSVILLE
	2017	TIRE STOP ONE	6646 E VIRGINIA BEACH BLVD	TIRE STOP ONE LLC	441320.00	Tire Dealers	79	KEMPSVILLE
	2017	THE AUTO CONNECTIOB1624:B1655N	6401 E VIRGINIA BEACH BLVD	AUTO CONNECTION INC THE	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	RICK HENDRICK CHEVROLET	6252 E VIRGINIA BEACH BLVD	COLONIAL CHEVROLET CORP	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	1 STOP AUTO	6440 E VIRGINIA BEACH BLVD	1 STOP AUTO DISCOUNTERS INC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	PERRY BUICK CO A CORP	6633 E VIRGINIA BEACH BLVD	PERRY BUICK CO	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	CHECKERED FLAG HONDA	6541 E VIRGINIA BEACH BLVD	CHECKERED FLAG STORE #1 LLC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	AUTO MAX	6530 E VIRGINIA BEACH BLVD	AMINA CORPORATION	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	CARAFELLO'S AUTO SALES LLC	6328 E VIRGINIA BEACH BLVD	CARAFELLO'S AUTO SALES LLC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	PORTAL AUTOMOTIVE	6626 E VIRGINIA BEACH BLVD	PORTAL AUTOMOTIVE INC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	HAJJIS WHOLESALE	6400 E VIRGINIA BEACH BLVD	HAJJIS WHOLESALE LLC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	ALL RIDE MOTORS	6336 E VIRGINIA BEACH BLVD	ALL RIDE MOTORS LLC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	Z AUTOMOTIVE	6512 E VIRGINIA BEACH BLVD	Z AUTOMOTIVE LLC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	518 WHOLESALE LLC	6328 E VIRGINIA BEACH BLVD	518 WHOLESALE LLC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	FIRST CLASS CHARIOTS LLC	6401 E VIRGINIA BEACH BLVD	FIRST CLASS CHARIOTS LLC	485320.00	Limousine Services	79	KEMPSVILLE
	2017	C J TRANSPORTOTION	6630 STONEY POINT SOUTH	JOSEPH, GLENFORD F	485310.00	Taxi	79	KEMPSVILLE
	2017	FIRST TRANSIT	6350 CENTER DR	FIRST TRANSIT INC	485999.00	All Other Passenger Transportation	79	KEMPSVILLE
	2017	ARISTIOCRAT TOWING INC	6539 E VIRGINIA BEACH BLVD	ARISTOCRAT TOWING INC	488410.00	Tow Truck Services	79	KEMPSVILLE
	2017	WARDS CORNER SHELL	7726 GRANBY STREET	RACIBORSKI, STANLEY W	811111.00	General Automotive Repair	25	WARDS CORNER
	2017	BINGO AUTO & TIRE SERVICE LLC	7718 GRANBY STREET	BINGO AUTO & TIRE SERVICE LLC	811111.00	General Automotive Repair	25	WARDS CORNER
	2017	WARDS CORNER SHELL	7726 GRANBY STREET	RACIBORSKI, STANLEY W	447110.00	Gas Station @ Convenience Store	25	WARDS CORNER
	2017	BINGO AUTO & TIRE SERVICE LLC	7718 GRANBY STREET	BINGO AUTO & TIRE SERVICE LLC	441320.00	Tire Dealers	25	WARDS CORNER
	2017	JOE'S TIRES & RIMS INC	1209 MONTICELLO AVE	JOE'S TIRES & RIMS INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	JOE'S TIRES & RIMS INC	1201 MONTICELLO AVE	JOE'S TIRES & RIMS INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	TREADQUARTERS # 1038	1700 MONTICELLO AVE	MONRO MUFFLER BRAKE INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	ACCURATE TUNE PLUS	1312 MONTICELLO AVE	WET AUTOMOTIVE SERVICES INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	JOE'S TIRE & AUTO SALES	1209 MONTICELLO AVE	JOE'S TIRE & AUTO SALES INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	BOON'S CAR SALOON	113 E PRINCESS ANNE RD	BOON'S CAR SALOON INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	7-ELEVEN #39536B	1200 MONTICELLO AVE	MILLERS II LLC	447110.00	Gas Station @ Convenience Store	58	EAST 21st STREET / MONTICELLO
	2017	JOE'S TIRES & RIMS INC	1209 MONTICELLO AVE	JOE'S TIRES & RIMS INC	441320.00	Tire Dealers	58	EAST 21st STREET / MONTICELLO
	2017	TREADQUARTERS # 1038	1700 MONTICELLO AVE	MONRO MUFFLER BRAKE INC	441320.00	Tire Dealers	58	EAST 21st STREET / MONTICELLO
	2017	JOE'S TIRE & AUTO SALES	1209 MONTICELLO AVE	JOE'S TIRE & AUTO SALES INC	441320.00	Tire Dealers	58	EAST 21st STREET / MONTICELLO
	2017	BOON'S CAR SALOON	113 E PRINCESS ANNE RD	BOON'S CAR SALOON INC	441320.00	Tire Dealers	58	EAST 21st STREET / MONTICELLO
	2017	JOE'S TIRE & AUTO SALES	1209 MONTICELLO AVE	JOE'S TIRE & AUTO SALES INC	441120.00	Used Car Dealer	58	EAST 21st STREET / MONTICELLO
	2017	ENVY LIMOUSINE	1209 MONTICELLO AVE	ENVY LIMOUSINE INC	485320.00	Limousine Services	58	EAST 21st STREET / MONTICELLO
	2017	RECYCLING PERKS LLC	2501 FAWN STREET	RECYCLING PERKS LLC	562998.00	Misc Waste Management	58	EAST 21st STREET / MONTICELLO
	2017	GROOMINGDALE'S	222 W 21ST STREET	WARD, CHRYSTAL	812910.00	Pet Services (not Veterinary)	58	EAST 21st STREET / MONTICELLO
	2017	FOREVER HOME REHABILITATION & TRAINING CENTER INC	742 E 25TH STREET	FOREVER HOME REHABILITATION & TRAINING CENTER INC	812910.00	Pet Services (not Veterinary)	58	EAST 21st STREET / MONTICELLO
	2017	ALLIANCE COLLISION CENTER	240 W 25TH STREET	BAZEMORE, LLOYD L	811121.00	Auto Body & Paint Repair	58	EAST 21st STREET / MONTICELLO
	2017	STARK AUTO BODY REPAIR	744 E 25TH STREET	STARK INC	811121.00	Auto Body & Paint Repair	58	EAST 21st STREET / MONTICELLO
	2017	ALPINE MOTOR SPORTS LLC	116 W 25TH STREET	ALPINE MOTOR SPORTS LLC	811121.00	Auto Body & Paint Repair	58	EAST 21st STREET / MONTICELLO
	2017	BAUM'S SERVICE CENTER	727 E 26TH STREET	BAUM'S SERVICE CENTER INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	FIRESTONE COMPLETE AUTO CARE #3956	856 GRANBY STREET	BRIDGESTONE RETAIL OPERATIONS LLC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	BOYD AUTOMOTIVE CENTER	403 W 24TH STREET	BOYD, ROBERT C III	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	COASTAL IMPORT REPAIR LTD	422 W 21ST STREET	COASTAL IMPORT REPAIR LTD	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	PRO'S AUTO REPAIR	220 W 25TH STREET	RICKS, RODNEY	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	A M'S AUTO REPAIRS INC	1855 CHURCH STREET	A M'S AUTO REPAIRS INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	MIDWAY RADIATOR	220 E 25TH STREET	EGEE INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	FRANKIE TIRE & AUTO SERVICES	818 E 26TH STREET	MAXES INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	MARTIN'S AUTO REPAIR	245 W 24TH STREET	MARTIN'S AUTO REPAIR INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2017	HOWELL'S HOBBIE SHOP	816 E 25TH STREET	HOWELL, MARQUE D	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	YONO BROTHERS LLC	2610 CHURCH STREET	YONO BROTHERS LLC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	MUDSLIDE MOTORSPORTS	240 W 25TH STREET	MUDSLIDE MOTORSPORTS LLC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	EMERSON Z GARLAND	430 W 24TH STREET	GARLAND, EMERSON Z	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	GHENT FOOD MART	1202 GRANBY STREET	PASSAWALA INC	447110.00	Gas Station @ Convenience Store	58	EAST 21st STREET / MONTICELLO
	2017	HAPPY SHOPPER #25	1110 GRANBY STREET	GRANBY STORE INC	447110.00	Gas Station @ Convenience Store	58	EAST 21st STREET / MONTICELLO
	2017	FRANKIE TIRE & AUTO SERVICES	818 E 26TH STREET	MAXES INC	441320.00	Tire Dealers	58	EAST 21st STREET / MONTICELLO
	2017	PTT & R POP T'S TIRES & RIMS	737 E 23RD STREET	POP TS TIRES & RIMS LLC	441320.00	Tire Dealers	58	EAST 21st STREET / MONTICELLO
	2017	BAUM'S SERVICE CENTER	727 E 26TH STREET	BAUM'S SERVICE CENTER INC	441120.00	Used Car Dealer	58	EAST 21st STREET / MONTICELLO
	2017	MUDSLIDE MOTORSPORTS	240 W 25TH STREET	MUDSLIDE MOTORSPORTS LLC	441120.00	Used Car Dealer	58	EAST 21st STREET / MONTICELLO
	2017	OCEANSIDE TAXI	209 W 25TH STREET	OCEANSIDE EXECUTIVE TRANSPORTATION	485310.00	Taxi	58	EAST 21st STREET / MONTICELLO
	2017	WATERSIDE TAXI CO	816 E 25TH STREET	WATERSIDE TAXI CO INC	485310.00	Taxi	58	EAST 21st STREET / MONTICELLO
	2017	HAPPY HENRY CABBY	816 E 25TH STREET	RAHMING, HENRY	485310.00	Taxi	58	EAST 21st STREET / MONTICELLO
	2017	CRYBABYS TOWING RECOVERY	312 18TH STREET	CRYBABYS TOWING RECOVERY LLC	488410.00	Tow Truck Services	58	EAST 21st STREET / MONTICELLO
	2017	HAMPTON ROADS RECOVERY SERVICES	312 18TH STREET	HAMPTON ROADS RECOVERY SERVICES LLC	488410.00	Tow Truck Services	58	EAST 21st STREET / MONTICELLO
	2017	CHARLES WITH THE GOLDEN TOUCH LLC	3203 E PRINCESS ANNE RD	CHARLES WITH THE GOLDEN TOUCH LLC	811192.00	Car Wash	73	INDUSTRIAL PARK
	2017	TRADEBE TREATMENT & RECYCLING OF TENNESSEE	1333 AZALEA GARDEN RD	TRADEBE TREATMENT & RECYCLING OF TENNESSEE LLC	562998.00	Misc Waste Management	73	INDUSTRIAL PARK
	2017	ENTERPRISE RENT-A-CAR	3375 E PRINCESS ANNE RD	ENTERPRISE LEASING CO OF NFLK/RICH	532111.00	Passenger Car Rental	73	INDUSTRIAL PARK
	2017	ELITE AUTO BODY	1384 INGLESIDE RD	ELITE AUTO BODY INC	811121.00	Auto Body & Paint Repair	73	INDUSTRIAL PARK
	2017	COLONY TIRE CORPORATION	3749 PROGRESS RD	COLONY TIRE CORPORATION	811111.00	General Automotive Repair	73	INDUSTRIAL PARK
	2017	NORFOLK IDEALEASE	1146 INGLESIDE RD	RUSH TRUCK LEASING INC	811111.00	General Automotive Repair	73	INDUSTRIAL PARK
	2017	COLONY TIRE CORPORATION	3749 PROGRESS RD	COLONY TIRE CORPORATION	441320.00	Tire Dealers	73	INDUSTRIAL PARK
	2017	BAY DISPOSAL INC	1384 INGLESIDE RD	BAY DISPOSAL INC	562111.00	Solid Waste Collection	73	INDUSTRIAL PARK
	2017	FIVE STAR UNDERCAR LLC	1164 KINGWOOD AVE	FIVE STAR UNDERCAR LLC	423110.00	Auto Sales Wholesale	73	INDUSTRIAL PARK
	2017	AMERICAN TIRE DISTRIBUTORS INC	4554 PROGRESS RD	AMERICAN TIRE DISTRIBUTION INC	423130.00	Tires & Tubes Wholesale	73	INDUSTRIAL PARK
	2017	CARROLL TIRE CO	3499 INVENTORS RD	CARROLL'S LLC	423130.00	Tires & Tubes Wholesale	73	INDUSTRIAL PARK
	2017	CAMSO USA INC	1360 INGLESIDE RD	CAMSO USA INC	423130.00	Tires & Tubes Wholesale	73	INDUSTRIAL PARK
	2017	COLONY TIRE CORPORATION	3749 PROGRESS RD	COLONY TIRE CORPORATION	423130.00	Tires & Tubes Wholesale	73	INDUSTRIAL PARK
	2017	H F ENTERPRISES INC	1302 INGLESIDE ROAD	H F ENTERPRISES INC	532112.00	Passenger Car Leasing	73	INDUSTRIAL PARK
	2017	MOBILE PREVENTATIVE MAINTENANCE INC	1006 BALLENTINE BLVD	MOBILE PREVENTATIVE MAINTENANCE INC	811111.00	General Automotive Repair	73	INDUSTRIAL PARK
	2017	TRUCK FLEET REPAIR	1422 BALLENTINE BLVD	TRUCK FLEET PARTS LTD	811111.00	General Automotive Repair	73	INDUSTRIAL PARK
	2017	A GOFF LIMO.COM LLC	1114 BALLENTINE BLVD	A GOFF LIMO.COM LLC	485320.00	Limousine Services	73	INDUSTRIAL PARK
VAR050366	2017	General Foam Plastics Corporation	3321 E Princess Anne Road				73	INDUSTRIAL PARK
VAR052006	2017	Norfolk City - Div of Waste Mgmt- Pineridge	1176 Pineridge Road				73	INDUSTRIAL PARK
VAR052171	2017	Port Norfolk Commodity Warehouse	1157 Production Road				73	INDUSTRIAL PARK
	2018	ROGER'S	2310 GOSNOLD AVE	GASKINS, ROGER	441320.00	Tire Dealers	57	WEST 21st STREET
	2018	SOAPS-N-SUDS AUTO SPA	810 W 25TH STREET	COLLEY MANAGEMENT CO INC	811192.00	Car Wash	57	WEST 21st STREET
	2018	WAGS DOGGIE DAY CARE	950 W 21ST STREET	SANDY HOLDINGS LLC	812910.00	Pet Services (not Veterinary)	57	WEST 21st STREET
	2018	BODYMAN'S AUTO BODY & PAINTING II	727 W 25TH STREET	BODYMAN'S AUTO BODY & PAINTING LLC	811121.00	Auto Body & Paint Repair	57	WEST 21st STREET
	2018	MIZELLES & RAYS COLLISION CTR INC	1012 W 26TH STREET	MIZELLES & RAYS COLLISION CTR INC	811121.00	Auto Body & Paint Repair	57	WEST 21st STREET
	2018	DRS AUTOMOTIVE FANTOMWORKS INC	2400 HAMPTON BOULEVARD	DRS FANTOMWORKS LLC	811111.00	General Automotive Repair	57	WEST 21st STREET
	2018	JIM'S AUTO SERVICE INC	506 W 25TH STREET	JIMS AUTO SERVICE INC	811111.00	General Automotive Repair	57	WEST 21st STREET
	2018	FLATLANDERS MEDIA BLASTING	916 W 25TH STREET	WTF INDUSTRIES LLC	811111.00	General Automotive Repair	57	WEST 21st STREET
	2018	HURDLE'S FRONT END & FRAME	636 W 25TH STREET	HURDLE AUTO & TOWING INC	811111.00	General Automotive Repair	57	WEST 21st STREET
	2018	BODYMAN'S AUTO BODY & PAINTING	626 W 25TH STREET	BODYMAN'S AUTO BODY & PAINTING LLC	811111.00	General Automotive Repair	57	WEST 21st STREET
	2018	7-ELEVEN STORE #33533A	1088 W 26TH STREET	BAIG, SHAGUFTA	447110.00	Gas Station @ Convenience Store	57	WEST 21st STREET
	2018	ZION AUTO BODY AND EXPORT	622 W 25TH STREET	ORENUGA, ABOLAWOLE	441120.00	Used Car Dealer	57	WEST 21st STREET
	2018	B & H SALES CORP	2309 HAMPTON BOULEVARD	B & H SALES CORP	562111.00	Solid Waste Collection	57	WEST 21st STREET
	2018	ANDYS CAB CO	523 W 24TH STREET	ANDYS CAB CO	485310.00	Taxi	57	WEST 21st STREET
	2018	EDEN CAB CO INC	633 W 24TH STREET	EDEN CAB CO INC	485310.00	Taxi	57	WEST 21st STREET
	2018	SOUTHSIDE CAB CO	633 W 24TH STREET	SOUTHSIDE CAB CO	485310.00	Taxi	57	WEST 21st STREET
	2018	JENNINGS G MCQUERREY	523 W 24TH STREET	MCQUERREY, JENNINGS G	485310.00	Taxi	57	WEST 21st STREET
VAR050399	2018	Dubin Metals Incorporated	2330 Bowdens Ferry Road				57	WEST 21st STREET
VAR051847	2018	L Chenman Incorporated	619 W 24th Street				57	WEST 21st STREET
	2018	FISCHER'S AUTO BODY & AUTO ART	1170 LANCE RD	BAD ENOUGH INC	811111.00	General Automotive Repair	86	CROWN POINT
	2018	GLENROCK RADIATOR SERVICE INC	5552 E VIRGINIA BEACH BLVD	GLENROCK RADIATOR SERVICE INC	811111.00	General Automotive Repair	86	CROWN POINT
	2018	JOHNSON'S RV SERVICE CENTER	5572 RABY RD	JOHNSON'S RV SERVICE CENTER INC	811111.00	General Automotive Repair	86	CROWN POINT
	2018	SPRING MENDERS INC	5580 RABY RD	SPRING MENDERS INC	811111.00	General Automotive Repair	86	CROWN POINT
	2018	TRUCK REFRIGERATION REPAIR INC	1160 LANCE RD	TRUCK REFRIGERATION REPAIR INC	811111.00	General Automotive Repair	86	CROWN POINT
	2018	PROFESSIONAL CERTIFIED AUTOMOTIVE	5334 E VIRGINIA BEACH BLVD	MERRITT, GERALD M	811111.00	General Automotive Repair	86	CROWN POINT
	2018	IMPORT CYCLE CENTER	5328 E VIRGINIA BEACH BLVD	IMPORT CYCLE CENTER LLC	811111.00	General Automotive Repair	86	CROWN POINT
	2018	58 EAST AUTO REPAIR & BODY WORK	5622 E VIRGINIA BEACH BLVD	AGUILAR AGUILAR, JOSE A	811111.00	General Automotive Repair	86	CROWN POINT
	2018	INTERNATIONAL AUTOMOTIVE SERVICES LLC	1179 LANCE RD	INTERNATIONAL AUTOMOTIVE SERVICES LLC	811111.00	General Automotive Repair	86	CROWN POINT
	2018	TMI TRUCK & EQUIPMENT	5640 RABY RD	TIDEWATER MACK INC	811111.00	General Automotive Repair	86	CROWN POINT
	2018	B & L AUTO REPAIR	5595 RABY RD	B & L AUTO REPAIR LLC	811111.00	General Automotive Repair	86	CROWN POINT
	2018	7-ELEVEN STORE #19119A	5520 RABY RD	BHATTI, MANPREET	447110.00	Gas Station @ Convenience Store	86	CROWN POINT
	2018	7-ELEVEN 33387A	1301 N MILITARY HWY	FISCHER ENTERPRISES INC	447190.00	Gas Stations	86	CROWN POINT
	2018	TMI TRUCK & EQUIPMENT	5640 RABY RD	TIDEWATER MACK INC	441120.00	Used Car Dealer	86	CROWN POINT

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2018	JACK'S TOWING	1114 HARMONY RD	S & E INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018	DALE OLD WRECKER SERVICE INC	5575 SABRE RD	DALE OLD WRECKER SERVICE INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018	ANNA'S TOWING OF VIRGINIA INC	5575 SABRE RD	ANNA'S TOWING OF VIRGINIA INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018	CENTURY TOWING SERVICE INC	5575 SABRE RD	CENTURY TOWING SERVICE INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018	TURNER'S TOWING	5575 SABRE RD	ZEKE'S AUTO PARTS & SERVICE INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018	PETE'S TOWING OF NORFOLK INC	5575 SABRE RD	PETE'S TOWING OF NORFOLK INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018	MASTER'S TOWING OF NORFOLK INC	5575 SABRE RD	MASTER'S TOWING OF NORFOLK INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018	JEFF'S TOWING OF NORFOLK INC	5575 SABRE RD	JEFF'S TOWING OF NORFOLK INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018	SSS CAR WASH	908 E LITTLE CREEK RD	GMK CORP	811192.00	Car Wash	15	NORTH CHESAPEAKE BLVD.
	2018	A-1 MOBILE DOG GROOMING	904 NEWELL AVE	SWANSON, TODD	812910.00	Pet Services (not Veterinary)	15	NORTH CHESAPEAKE BLVD.
	2018	AT THE CURB LLC	834 LESNER AVE	AT THE CURB LLC	812910.00	Pet Services (not Veterinary)	15	NORTH CHESAPEAKE BLVD.
	2018	AFFORDABLE AUTO BODY & REPAIR	7917 WESTCLIFF DR	PARKER, KENNETH J	811121.00	Auto Body & Paint Repair	15	NORTH CHESAPEAKE BLVD.
	2018	AUDIO ONE	894 E LITTLE CREEK RD	AUDIO PROS INC	811111.00	General Automotive Repair	15	NORTH CHESAPEAKE BLVD.
	2018	A & M MOBILE REPAIR	884 E LITTLE CREEK RD	A & M MOBILE REPAIR INC	811111.00	General Automotive Repair	15	NORTH CHESAPEAKE BLVD.
	2018	J & M TIRE WORLD	872 E LITTLE CREEK RD	PBM INC	811111.00	General Automotive Repair	15	NORTH CHESAPEAKE BLVD.
	2018	MANNING'S AUTO REPAIR MOBILE	894 E LITTLE CREEK RD	MANNING, SAMUEL L	811111.00	General Automotive Repair	15	NORTH CHESAPEAKE BLVD.
	2018	SURFSIDE AUTO CO	894 E LITTLE CREEK RD	SURFSIDE AUTO CO	811111.00	General Automotive Repair	15	NORTH CHESAPEAKE BLVD.
	2018	BAVARIAN AUTO	892 E LITTLE CREEK RD	BAVARIAN AUTO LLC	811111.00	General Automotive Repair	15	NORTH CHESAPEAKE BLVD.
	2018	HOLLIDAY FOOD MART	8338 TIDEWATER DR	KRUTI INC	447110.00	Gas Station @ Convenience Store	15	NORTH CHESAPEAKE BLVD.
	2018	BEACH AUTO BROKERS INC	940 E LITTLE CREEK RD	BEACH AUTO BROKERS INC	441110.00	New Car Dealer	15	NORTH CHESAPEAKE BLVD.
	2018	INSTANT AUTO LOANS	930 E LITTLE CREEK RD	G & H SALES ASSOCIATES INC	441120.00	Used Car Dealer	15	NORTH CHESAPEAKE BLVD.
	2018	AUTO EXPO	7912 ARDMORE RD	AUTO EXPO OF VIRGINIA INC	441120.00	Used Car Dealer	15	NORTH CHESAPEAKE BLVD.
	2018	EROL BASHEKIMOGLU	834 LESNER AVE	BASHEKIMOGLU, EROL	441120.00	Used Car Dealer	15	NORTH CHESAPEAKE BLVD.
	2018	SURFSIDE AUTO CO	946 E LITTLE CREEK RD	SURFSIDE AUTO CO	441120.00	Used Car Dealer	15	NORTH CHESAPEAKE BLVD.
	2018	CHARLES BAKER JEEP HONDA	940 E LITTLE CREEK RD	CHARLES BAKER JEEP HONDA LLC	441120.00	Used Car Dealer	15	NORTH CHESAPEAKE BLVD.
	2018	J & M TIRE WORLD	872 E LITTLE CREEK RD	PBM INC	423130.00	Tires & Tubes Wholesale	15	NORTH CHESAPEAKE BLVD.
	2018	SUPER SPRAY CAR WASH	7927 CHESAPEAKE BLVD	GMK CORP	811192.00	Car Wash	15	NORTH CHESAPEAKE BLVD.
	2018	EAGLE AUTO RENTALS	900 E LITTLE CREEK RD	RAY'S AUTO SALES INC	532111.00	Passenger Car Rental	15	NORTH CHESAPEAKE BLVD.
	2018	AUTO CARE & TRUCK	7916 BECKET STREET	SMB CONTRACTORS LLC	811111.00	General Automotive Repair	15	NORTH CHESAPEAKE BLVD.
	2018	CORNER MART	7900 CHESAPEAKE BOULEVARD	ITTIFAQ INC	447110.00	Gas Station @ Convenience Store	15	NORTH CHESAPEAKE BLVD.
	2018	CORNER MART	7900 CHESAPEAKE BLVD	ITTIFAQ INC	447190.00	Gas Stations	15	NORTH CHESAPEAKE BLVD.
	2018	YOUR KAR CO INC	7912 BECKET STREET	YOUR KAR CO INC	441120.00	Used Car Dealer	15	NORTH CHESAPEAKE BLVD.
	2018	GREEN CLEAN AUTO WASH	501 E LITTLE CREEK RD	GREEN CLEAN LLC	811192.00	Car Wash	24	SOUTHERN SHOPPING CENTER
	2018	BESTWAYS AUTO	933 E LITTLE CREEK RD	BESTWAYS AUTO LLC	532112.00	Passenger Car Leasing	24	SOUTHERN SHOPPING CENTER
	2018	AUTO BRAKE CORP	7512 AVENUE J	AUTO BRAKE CORP	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018	FIRESTONE COMPLETE AUTO CARE #3960	7808 N MILITARY HWY	BRIDGESTONE RETAIL OPERATIONS LLC	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018	HARTMAN'S AUTO SERVICE	7913 TIDEWATER DR	HARTMAN, ROBERT E	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018	TREADQUARTERS # 1039	7813 N MILITARY HWY	MONRO MUFFLER BRAKE INC	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018	COMPUTUNE	630 E LITTLE CREEK RD	PRT INC	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018	TUNE UP PLUS	818 E LITTLE CREEK RD	COLD SPY ON THE INSIDE LLC	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018	LITTLE CREEK TIRE & AUTO SERVICES	901 E LITTLE CREEK RD	HOSSIAN, SYED M & JESMIN, MILI	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018	SAM'S CLUB #4733	741 E LITTLE CREEK RD	SAM'S EAST INC	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018	WAWA #8604	975 E LITTLE CREEK RD	WAWA INC	447110.00	Gas Station @ Convenience Store	24	SOUTHERN SHOPPING CENTER
	2018	7-ELEVEN 23345B	800 E LITTLE CREEK RD	DIPRIYA INC	447110.00	Gas Station @ Convenience Store	24	SOUTHERN SHOPPING CENTER
	2018	HARIT SHELL STATION	7501 TIDEWATER DR	HARIT CORPORATION	447190.00	Gas Stations	24	SOUTHERN SHOPPING CENTER
	2018	R & R MOTOR CO	919 E LITTLE CREEK RD	R & R MOTOR CO INC	441110.00	New Car Dealer	24	SOUTHERN SHOPPING CENTER
	2018	TREADQUARTERS # 1039	7813 N MILITARY HWY	MONRO MUFFLER BRAKE INC	441320.00	Tire Dealers	24	SOUTHERN SHOPPING CENTER
	2018	RNR CUSTOM WHEELS AND TIRES	818 E LITTLE CREEK RD	RNR OF VIRGINIA LLC	441320.00	Tire Dealers	24	SOUTHERN SHOPPING CENTER
	2018	LITTLE CREEK TIRE & AUTO SERVICES	901 E LITTLE CREEK RD	HOSSIAN, SYED M & JESMIN, MILI	441320.00	Tire Dealers	24	SOUTHERN SHOPPING CENTER
	2018	PTT & R POP T'S TIRES & RIMS	1327 E LITTLE CREEK RD	POP TS TIRES & RIMS LLC	441320.00	Tire Dealers	24	SOUTHERN SHOPPING CENTER
	2018	AUTOVISION LLC	951 E LITTLE CREEK RD	AUTOVISION LLC	441120.00	Used Car Dealer	24	SOUTHERN SHOPPING CENTER
	2018	D MOTORS LLC	881 E LITTLE CREEK RD	D MOTORS LLC	441120.00	Used Car Dealer	24	SOUTHERN SHOPPING CENTER
	2018	R & R MOTOR CO	919 E LITTLE CREEK RD	R & R MOTOR CO INC	488410.00	Tow Truck Services	24	SOUTHERN SHOPPING CENTER
	2018	MEGA TOWING & RECOVERING	1301 E LITTLE CREEK RD	MEGA TOWING & RECOVERING LLC	488410.00	Tow Truck Services	24	SOUTHERN SHOPPING CENTER
	2018	PERFORMANCE UNLIMITED	7520 AVENUE J	J R RACING INC	423110.00	Auto Sales Wholesale	24	SOUTHERN SHOPPING CENTER
	2018	O'REILLY AUTO PARTS #3929	860 E LITTLE CREEK RD	O'REILLY AUTOMOTIVE STORES INC	423110.00	Auto Sales Wholesale	24	SOUTHERN SHOPPING CENTER
	2018	TREAD QUARTERS	1117 E LITTLE CREEK RD	MONRO MUFFLER BRAKE INC	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018	CARMASTERS AUTOMOTIVE	931 E LITTLE CREEK RD	CARMASTERS AUTOMOTIVE LLC	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018	STYLN CAR WASH	3300 E PRINCESS ANNE RD	WALL, DEVON A	811192.00	Car Wash	74	CROMWELL ROAD INDUSTRIAL
	2018	EAST COAST TRUCK & AUTO BODY INC	2630 WYOMING AVE	EAST COAST TRUCK & AUTO BODY INC	811121.00	Auto Body & Paint Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	BILL HILL'S NORVIEW BODY SHOP	2641 FLORIDA AVE	HILL, WILLIAM D	811121.00	Auto Body & Paint Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	COLLISION REPAIR CTR OF NRFK LLC	2404 CROMWELL RD	COLLISION REPAIR CTR OF NRFK LLC	811121.00	Auto Body & Paint Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	JFH AUTO BODY & GLASS	2704 CROMWELL RD	HENDRICKS, JOHN F	811121.00	Auto Body & Paint Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	TNR AUTO	3514 ARGONNE AVE	TNR ENTERPRISES INC	811118.00	Auto Mechanical & Electrical Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	EASTERN AUTOWERKS	2308 INGLESIDE RD	EASTERN AUTOWERKS INC	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	JM AUTO & TRUCK REPAIR INC	3340 CROMWELL DR	J M AUTO & TRUCK REPAIR INC	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	ACTION AUTO & TRUCK REPAIR	3518 ARGONNE AVE	OAKEY, ROY V	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	FLEET SERVICES	2636 FLORIDA AVE	WILLIAMS, JAMES H & WILLIAMS, DIAN	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2018	WILLIAM'S TRANSMISSIONS & AUTO REPAIR	2700 CROMWELL RD	WILLIAMS, CORETHIOUS	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	OUTLAW'S ROD & CUSTOM LLC	2712 WYOMING AVE	OUTLAW'S ROD & CUSTOM LLC	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	KEITH MARTIN AUTOMOTIVE	2444 ALABAMA AVE	MARTIN, KEITH	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	TALENTED AUTOMOTIVE	2609 NEVADA AVE	LECROY, AMY L	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	HIGH IMPACT PERFORMANCE AUTO BODY REPAIR & DETAIL	2701 ARKANSAS AVE	TAYLOR, TERRANCE T	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	TIDEWATER FLEET SERVICES LLC	2700 NEVADA AVE	TIDEWATER FLEET SERVICES LLC	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	THE MOBILE MAN AUTO REPAIR SERVICE	2638 FLORIDA AVE	POUNDS, RONALD	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	WAWA	3350 E PRINCESS ANNE RD	WAWA INC	447110.00	Gas Station @ Convenience Store	74	CROMWELL ROAD INDUSTRIAL
	2018	TNR AUTO	3514 ARGONNE AVE	TNR ENTERPRISES INC	441120.00	Used Car Dealer	74	CROMWELL ROAD INDUSTRIAL
	2018	DUKE'S CAB CO	2607 WYOMING AVE	DUKE'S CAB CO	485310.00	Taxi	74	CROMWELL ROAD INDUSTRIAL
	2018	EASTSIDE CAB CO	2613 NEVADA AVE	EASTSIDE CAB CO	485310.00	Taxi	74	CROMWELL ROAD INDUSTRIAL
	2018	C/O DUKE'S CAB CO	2607 WYOMING AVE	MALIK, SHAUKAT	485310.00	Taxi	74	CROMWELL ROAD INDUSTRIAL
	2018	J D'S A1 TOWING & SALVAGE	2433 FLORIDA AVE	MARRS, JAMES D	488410.00	Tow Truck Services	74	CROMWELL ROAD INDUSTRIAL
	2018	AFFORDABLE TOWING AND RECOVERY OF NORFOLK INC	2424 CROMWELL RD	AFFORDABLE TOWING & RECOVERY OF NOR	488410.00	Tow Truck Services	74	CROMWELL ROAD INDUSTRIAL
	2018	D & M AUTO RECOVERY	2707 ARKANSAS AVE	GUENTHER, ODELL A	488410.00	Tow Truck Services	74	CROMWELL ROAD INDUSTRIAL
	2018	FRAZIER AUTOMOTIVE SERVICES LLC	3200 TAIT TERRACE	FRAZIER AUTOMOTIVE SERVICES LLC	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018	7-ELEVEN #2511-24624A	3235 CHESAPEAKE BOULEVARD	MILLER, GARY	447110.00	Gas Station @ Convenience Store	74	CROMWELL ROAD INDUSTRIAL
VAR051844	2018	EHA Abrasives, LLC	3306 Peterson Street				74	CROMWELL ROAD INDUSTRIAL
VAR052167	2018	Mid-Atlantic Recycling Solutions, LLC	3307 Hanbury Street				74	CROMWELL ROAD INDUSTRIAL
VAR050352	2018	Virginia-Carolina Steel Incorporated	2411 Ingleside Road				74	CROMWELL ROAD INDUSTRIAL
	2018	RYDER TRANSPORTATION SERVICES	4600 E PRINCESS ANNE RD	RYDER TRUCK RENTAL INC	532111.00	Passenger Car Rental	49	COLEMAN PLACE
	2018	THE NEW GRAY'S BODY SHOP	1531 AZALEA GARDEN RD	J & R ENTERPISE INC	811121.00	Auto Body & Paint Repair	49	COLEMAN PLACE
	2018	RUSH AUTO REPAIR	4637 KINCAID AVE	CAPERS, CLINT	811118.00	Auto Mechanical & Electrical Repair	49	COLEMAN PLACE
	2018	COFFEYS BODY SHOP INC	1556 AZALEA GARDEN RD	COFFEYS BODY SHOP INC	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018	HENRY FORD'S USED AUTO SALES	1579 SEWELLS POINT RD	HENRY FORD ENTERPRISES INC	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018	STAKES ENTERPRISES INC	2428 FLORIDA AVE	STAKES ENTERPRISES INC	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018	WARREN AUTO REPAIR	1553 AZALEA GARDEN RD	WARREN, BRUCE ALLEN	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018	POOR TONYS TRANSMISSION SHOP	1551 AZALEA GARDEN RD	POOR TONYS INC	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018	BARRY LEE'S AUTOMOTIVE	1518 AZALEA GARDEN RD	WEATHERSPOON, BARRY K	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018	D & W AUTO WORKS	1531 AZALEA GARDEN RD	COMBRE, WALTER	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018	INDUSTRIAL PARK EXXON	4528 E PRINCESS ANNE RD	OKEY CORP	447110.00	Gas Station @ Convenience Store	49	COLEMAN PLACE
	2018	PRINCESS ANNE SHELL	3502 E PRINCESS ANNE RD	TRISHAKTI LLC	447110.00	Gas Station @ Convenience Store	49	COLEMAN PLACE
	2018	HENRY FORD'S USED AUTO SALES	1579 SEWELLS POINT RD	HENRY FORD ENTERPRISES INC	441120.00	Used Car Dealer	49	COLEMAN PLACE
	2018	A-1 MOTORS	1579 SEWELLS POINT RD	A-1 QUALITY SERVICES LLC	441120.00	Used Car Dealer	49	COLEMAN PLACE
	2018	BLACKOUT XCLUSIVE CAR CARE	1567 EARLY STREET	TIDEWATER BROTHERS LLC	811192.00	Car Wash	49	COLEMAN PLACE
	2018	TURK'S MOBILE CAR WASH	1534 HEMLOCK STREET	MATTHEW, TERRELL D	811192.00	Car Wash	49	COLEMAN PLACE
	2018	ANTIFREEZE RECYCLERS INC	1537 EARLY STREET	ANTIFREEZE RECYCLERS INC	562998.00	Misc Waste Management	49	COLEMAN PLACE
	2018	ROOSEVELT HATCH AUTO SERVICE INC	1553 ALDER STREET	ROOSEVELT HATCH AUTO SERVICE INC	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018	BRAKE MASTERS	1560 EARLY STREET	ORE, DALE T JR	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018	ENTERPRISE RENT-A-CAR	1361 E LITTLE CREEK RD	ENTERPRISE LEASING CO OF NFLK/RICH	532112.00	Passenger Car Leasing	21	LARRYMORE
	2018	BYNUM'S WELDING & AUTO REPAIR	7418 N MILITARY HWY	BYNUM, LARRY	811111.00	General Automotive Repair	21	LARRYMORE
	2018	BO'S TIRES AND RIMS	1871 E LITTLE CREEK RD	BO'S TIRES INC	811111.00	General Automotive Repair	21	LARRYMORE
	2018	BAY AUTOMOTIVE CORPORATION	6970 N MILITARY HWY	BAY AUTOMOTIVE CORPORATION	811111.00	General Automotive Repair	21	LARRYMORE
	2018	FREEDOM FORD INC	7520 N MILITARY HWY	FREEDOM FORD INC	811111.00	General Automotive Repair	21	LARRYMORE
	2018	AMR-CAR ELECTRIC	7418 N MILITARY HWY	HOLLOMAN, JAMES HENRY	811111.00	General Automotive Repair	21	LARRYMORE
	2018	MERCHANT'S TIRE & AUTO #386	7400 N MILITARY HWY	MERCHANT'S LLC	811111.00	General Automotive Repair	21	LARRYMORE
	2018	SUNRISE AUTO & CYCLE SALES	1559 E LITTLE CREEK RD	SUNRISE AUTO & CYCLE SALES INC	811111.00	General Automotive Repair	21	LARRYMORE
	2018	AUTOSTAR ENTERPRISES	7418 N MILITARY HWY	W & C LTD	811111.00	General Automotive Repair	21	LARRYMORE
	2018	ACCURATE TUNE PLUS	1345 E LITTLE CREEK RD	WET AUTOMOTIVE SERVICES INC	811111.00	General Automotive Repair	21	LARRYMORE
	2018	C & E AUTO	7044 N MILITARY HWY	BROWN, JAMES JR	811111.00	General Automotive Repair	21	LARRYMORE
	2018	ACTION AUTO SPECIALIST	6970 N MILITARY HWY	BPGI LLC	811111.00	General Automotive Repair	21	LARRYMORE
	2018	7-ELEVEN STORE #22667A	1511 E LITTLE CREEK RD	PRICE, FELICITAS L	447190.00	Gas Stations	21	LARRYMORE
	2018	ENTERPRISE RENT-A-CAR	7436 N MILITARY HWY	ENTERPRISE LEASING CO OF NFLK/RICH	441110.00	New Car Dealer	21	LARRYMORE
	2018	BO'S TIRES AND RIMS	1871 E LITTLE CREEK RD	BO'S TIRES INC	441320.00	Tire Dealers	21	LARRYMORE
	2018	MERCHANT'S TIRE & AUTO #386	7400 N MILITARY HWY	MERCHANT'S LLC	441320.00	Tire Dealers	21	LARRYMORE
	2018	BAY AUTOMOTIVE CORPORATION	6970 N MILITARY HWY	BAY AUTOMOTIVE CORPORATION	441120.00	Used Car Dealer	21	LARRYMORE
	2018	FREEDOM FORD INC	7520 N MILITARY HWY	FREEDOM FORD INC	441120.00	Used Car Dealer	21	LARRYMORE
	2018	SUNRISE AUTO & CYCLE SALES	1559 E LITTLE CREEK RD	SUNRISE AUTO & CYCLE SALES INC	441120.00	Used Car Dealer	21	LARRYMORE
	2018	MOTOR MAX LLC	6630 N MILITARY HWY	MOTOR MAX LLC	441120.00	Used Car Dealer	21	LARRYMORE
	2018	PRIORITY BUY HERE PAY HERE	7520 N MILITARY HWY	CENTRAL ATLANTIC SALES INC	441120.00	Used Car Dealer	21	LARRYMORE
	2018	7 CITIES AUTOS & CYCLES	7418 N MILITARY HWY	HAMPTON ROADS ONLINE BUSINESS LLC	441120.00	Used Car Dealer	21	LARRYMORE
	2018	ACTION AUTO SPECIALIST	6990 N MILITARY HWY	BPGI LLC	441120.00	Used Car Dealer	21	LARRYMORE
	2018	BAY AUTOMOTIVE CORPORATION	6970 N MILITARY HWY	BAY AUTOMOTIVE CORPORATION	423110.00	Auto Sales Wholesale	21	LARRYMORE
	2018	ENTERPRISE RENT-A-CAR	7436 N MILITARY HWY	ENTERPRISE LEASING CO OF NFLK/RICH	423110.00	Auto Sales Wholesale	21	LARRYMORE
	2018	FREEDOM FORD INC	7520 N MILITARY HWY	FREEDOM FORD INC	423110.00	Auto Sales Wholesale	21	LARRYMORE
	2018	PRIORITY BUY HERE PAY HERE	7520 N MILITARY HWY	CENTRAL ATLANTIC SALES INC	423110.00	Auto Sales Wholesale	21	LARRYMORE
	2018	GREEN CLEAN AUTO WASH	3401 N MILITARY HWY	GREEN CLEAN LLC	811192.00	Car Wash	46	NORVELLA
	2018	ENTERPRISE RENT-A-CAR	3561 N MILITARY HWY	ENTERPRISE LEASING CO OF NFLK/RICH	532111.00	Passenger Car Rental	46	NORVELLA

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2018	THE HERTZ CORP	3323 N MILITARY HWY	HERTZ CORP, THE	532111.00	Passenger Car Rental	46	NORVELLA
	2018	COPPOLA, CARMINE	3424 AZALEA GARDEN RD	COPPOLA, CARMINE	811118.00	Auto Mechanical & Electrical Repair	46	NORVELLA
	2018	SOUTHERN DCJR AT THE NORFOLK AIRPORT	2747 N MILITARY HWY	GREENBRIER OF VIRGINIA INC	811118.00	Auto Mechanical & Electrical Repair	46	NORVELLA
	2018	BIG ALS MUFFLERS & BRAKES	3501 N MILITARY HWY	ANZELL AUTOMOTIVE INC	811111.00	General Automotive Repair	46	NORVELLA
	2018	AZALEA AUTO BODY & SALES	5277 WINDERMERE AVE	AZALEA AUTO BODY SALES INC	811111.00	General Automotive Repair	46	NORVELLA
	2018	J & M TIRE WORLD	3635 N MILITARY HWY	PBM INC	811111.00	General Automotive Repair	46	NORVELLA
	2018	SOUTHERN FIAT OF NORFOLK	2747 N MILITARY HWY	SOUTHERN OF VIRGINIA LLC	811111.00	General Automotive Repair	46	NORVELLA
	2018	MOBILITY SUPERCENTER	3301 N MILITARY HWY	MOBILITY OF NORFOLK LLC	811111.00	General Automotive Repair	46	NORVELLA
	2018	TIRE CITY	3655 N MILITARY HWY	AFFORDABLE AUTO REPAIR & TIRE LLC	811111.00	General Automotive Repair	46	NORVELLA
	2018	SOUTHERN DCJR AT THE NORFOLK AIRPORT	2747 N MILITARY HWY	GREENBRIER OF VIRGINIA INC	441110.00	New Car Dealer	46	NORVELLA
	2018	SOUTHERN FIAT OF NORFOLK	2747 N MILITARY HWY	SOUTHERN OF VIRGINIA LLC	441110.00	New Car Dealer	46	NORVELLA
	2018	BUD'S USED TIRES & BRAKE SERVICE	3345 N MILITARY HWY	COOK ENTERPRISE INC	441320.00	Tire Dealers	46	NORVELLA
	2018	TIRE CITY	3655 N MILITARY HWY	AFFORDABLE AUTO REPAIR & TIRE LLC	441320.00	Tire Dealers	46	NORVELLA
	2018	LIFESTYLE MOTOR GROUP	3335 N MILITARY HWY	J & D AUTO INC	441120.00	Used Car Dealer	46	NORVELLA
	2018	STEVES AUTO SALES INC	3469 N MILITARY HWY	STEVES AUTO SALES INC	441120.00	Used Car Dealer	46	NORVELLA
	2018	SOUTH BEACH MOTORS	3625 N MILITARY HWY	SOUTH BEACH INTERNATIONAL LLC	441120.00	Used Car Dealer	46	NORVELLA
	2018	EASTERN AUTO	3535 N MILITARY HWY	SHINES !INTERNATIONAL LLC	441120.00	Used Car Dealer	46	NORVELLA
	2018	DYNASTY AUTO SALES	3615 N MILITARY HWY	DYNASTY AUTO SALES INC	441120.00	Used Car Dealer	46	NORVELLA
	2018	MANAMA AUTO SALES LLC	3625 N MILITARY HWY	MANAMA AUTO SALES LLC	441120.00	Used Car Dealer	46	NORVELLA
	2018	ELEGANTE AUTO SALES	3625 N MILITARY HWY	ELEGANTE AUTO SALES INC	441120.00	Used Car Dealer	46	NORVELLA
	2018	LPR INC OF VA	3455 AZALEA GARDEN RD	LPR INC OF VA	485999.00	All Other Passenger Transportation	46	NORVELLA
	2018	SOUTHERN DCJR AT THE NORFOLK AIRPORT	2747 N MILITARY HWY	GREENBRIER OF VIRGINIA INC	423110.00	Auto Sales Wholesale	46	NORVELLA
	2018	SOUTHERN FIAT OF NORFOLK	2747 N MILITARY HWY	SOUTHERN OF VIRGINIA LLC	423110.00	Auto Sales Wholesale	46	NORVELLA
	2018	J & M TIRE WORLD	3635 N MILITARY HWY	PBM INC	423130.00	Tires & Tubes Wholesale	46	NORVELLA
VAR051722	2018	Heritage Crystal-Clean, LLC	5539 Faris Street	FCC ENVIRONMENTAL LLC	562998.00	Misc Waste Management	46	NORVELLA
VAR051722	2018	Heritage Crystal-Clean, LLC	5539 Faris Street	HERITAGE-CRYSTAL CLEAN LLC	562998.00	Misc Waste Management	46	NORVELLA
	2018	BAY CITY CLASSICS	3335 CROFT STREET	BAY CITY CLASSICS INC	811121.00	Auto Body & Paint Repair	46	NORVELLA
	2018	GARY'S TRANSMISSIONS	3309 CROFT STREET	GARY'S TRANSMISSION INC	811111.00	General Automotive Repair	46	NORVELLA
	2018	ALL CITY TOWING & RECOVERY INC	5511 FARIS STREET	ALL-CITY TOWING & RECOVERY INC	488410.00	Tow Truck Services	46	NORVELLA
	2018	WESTSIDE BODYWORKS OF NORFOLK	5511 FARIS STREET	ALL-CITY TOWING & RECOVERY INC	488410.00	Tow Truck Services	46	NORVELLA
VAR051722	2018	Heritage Crystal-Clean, LLC	5539 FARIS STREET				46	NORVELLA
VAR050295	2018	United Parcel Service Norfolk	3313 Croft Street				46	NORVELLA
	2018	CITY WIDE CABS LLC	1908 NORVIEW AVE	CITY WIDE CABS LLC	532112.00	Passenger Car Leasing	22	AZALEA
	2018	GOLDSTARR LIMOUSINES INC	3588 N MILITARY HWY	GOLDSTARR LIMOUSINES INC	532112.00	Passenger Car Leasing	22	AZALEA
	2018	AVIS RENT A CAR	1700 NORVIEW AVE	AVIS RENT A CAR SYSTEM LLC	532111.00	Passenger Car Rental	22	AZALEA
	2018	AVIS RENT A CAR SYSTEM LLC	3474 N MILITARY HWY	AVIS RENT A CAR SYSTEM LLC	532111.00	Passenger Car Rental	22	AZALEA
	2018	BUDGET RENT A CAR SYSTEM INC	1700 NORVIEW AVE	BUDGET RENT A CAR SYSTEM INC	532111.00	Passenger Car Rental	22	AZALEA
	2018	M & A FINANCIAL	3554 N MILITARY HWY	M & A INC	532111.00	Passenger Car Rental	22	AZALEA
	2018	PATRIOT RENTAL & REPAIR	3562 N MILITARY HWY	PATRIOT RENTAL & REPAIR LLC	532111.00	Passenger Car Rental	22	AZALEA
	2018	MILITARY SHELL	6110 N MILITARY HWY	MILITARY SHELL LLC	811118.00	Auto Mechanical & Electrical Repair	22	AZALEA
	2018	J & M TIRE WORLD	3310 N MILITARY HWY	PBM INC	811111.00	General Automotive Repair	22	AZALEA
	2018	AAMCO TRANSMISSIONS	3330 N MILITARY HWY	LOMAR CORP	811111.00	General Automotive Repair	22	AZALEA
	2018	BUD'S USED TIRES & BRAKE SERVICE	3358 N MILITARY HWY	COOK ENTERPRISE INC	811111.00	General Automotive Repair	22	AZALEA
	2018	PATRIOT RENTAL & REPAIR	3562 N MILITARY HWY	PATRIOT RENTAL & REPAIR LLC	811111.00	General Automotive Repair	22	AZALEA
	2018	AZALEA AUTO CARE	5720 AZALEA GARDEN RD	AZALEA AUTO CARE INC	811111.00	General Automotive Repair	22	AZALEA
	2018	AZALEA GARDEN BP	3506 N MILITARY HWY	TIDEWATER CONVENIENCE INC	447110.00	Gas Station @ Convenience Store	22	AZALEA
	2018	PAPCO INC	2750 N MILITARY HWY	PAPCO INC	447190.00	Gas Stations	22	AZALEA
	2018	7-ELEVEN #36998A	3650 N MILITARY HWY	TALHA CORP	447190.00	Gas Stations	22	AZALEA
	2018	PATRIOT AUTO SALES INC	3554 N MILITARY HWY	PATRIOT AUTO SALES INC	441110.00	New Car Dealer	22	AZALEA
	2018	BUD'S USED TIRES & BRAKE SERVICE	3358 N MILITARY HWY	COOK ENTERPRISE INC	441320.00	Tire Dealers	22	AZALEA
	2018	ALL CARS	5712 AZALEA GARDEN RD	ALL CARS INC	441120.00	Used Car Dealer	22	AZALEA
	2018	VARIETY MOTORS INC	3530 N MILITARY HWY	VARIETY MOTORS INC	441120.00	Used Car Dealer	22	AZALEA
	2018	TRIMAX AUTO GROUP	6400 N MILITARY HWY	TRIMAX AUTO GROUP INC	441120.00	Used Car Dealer	22	AZALEA
	2018	TRIMAX AUTO WHOLESALE	6400 N MILITARY HWY	TRIMAX AUTO WHOLESALE INC	423110.00	Auto Sales Wholesale	22	AZALEA
	2018	J & M TIRE WORLD	3310 N MILITARY HWY	PBM INC	423130.00	Tires & Tubes Wholesale	22	AZALEA
	2018	FAY'S TRANSPORTATION & CONCIERGE	2802 KIMBALL TERRACE	ATLANTIC COACH TRANSPORTATION LLC	485320.00	Limousine Services	72	CHESTERFIELD
VAR050370	2018	Branscome Inc - Norfolk - Westminster	3425 Westminster Avenue				72	CHESTERFIELD
	2018	SEWELLS POINT TIRE & AUTO REPAIR	3439 SEWELLS POINT RD	SEWELLS POINT TIRE & AUTO LLC	811111.00	General Automotive Repair	45	NORVIEW
	2018	H & S AUTOMOTIVE & TIRES & RIMS REPAIRS	2729 AZALEA GARDEN RD	LANGFORD, HENSON	811111.00	General Automotive Repair	45	NORVIEW
	2018	FIVE POINTS SHELL	1231 NORVIEW AVE	LITTLE TONY AUTO TECH LLC	811111.00	General Automotive Repair	45	NORVIEW
	2018	RACE COAST NORVIEW	1243 NORVIEW AVE	TANAY LLC	447110.00	Gas Station @ Convenience Store	45	NORVIEW
	2018	SEWELLS POINT AUTO SALES	3439 SEWELLS POINT RD	SEWELLS POINT TIRE & AUTO LLC	441120.00	Used Car Dealer	45	NORVIEW
	2018	VIP & CELEBRITY LIMOUSINES INC	3141 AZALEA GARDEN RD	VIP & CELEBRITY LIMOUSINES INC	485320.00	Limousine Services	45	NORVIEW
	2018	CHIPS AUTOMOTIVE REPAIR	5818 CHESAPEAKE BLVD	ANDERSON, JAMES W	811111.00	General Automotive Repair	45	NORVIEW
	2018	TOMMY'S COMPLETE AUTO SERVICE	5766 CHESAPEAKE BLVD	LITTLE, THOMAS	811111.00	General Automotive Repair	45	NORVIEW
	2018	FIVE POINTS BP	6135 CHESAPEAKE BLVD	TIDEWATER CONVENIENCE INC	447110.00	Gas Station @ Convenience Store	45	NORVIEW
	2018	GOLDEN LIMOUSINE	5820 CHESAPEAKE BLVD	STONE, WILLIAM MARTIN SR	485320.00	Limousine Services	45	NORVIEW
	2018	C/O NORFOLK CAB CO	4567 DORA CIRCLE	ALMOND, EARL L	485310.00	Taxi	45	NORVIEW

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2018	C/O NORVIEW CARS	1076 BLAND STREET	DAQUIOAG, LEONARDO	485310.00	Taxi	45	NORVIEW
	2018	ONE STOP FOOD MART #352	2338 E PRINCESS ANNE RD	J & M INVESTMENTS INC	447110.00	Gas Station @ Convenience Store	69	BRAMBLETON
	2018	7-ELEVEN STORE #27188	1510 E BRAMBLETON AVE	MASAND, RAJ	447110.00	Gas Station @ Convenience Store	69	BRAMBLETON
	2018	WILLOWWOOD SERVICE CENTER	5421 TIDEWATER DR	HOWLETT AUTOMOTIVE INC	811111.00	General Automotive Repair	35	LAKEWOOD
	2018	WILLOWWOOD SERVICE CENTER	5421 TIDEWATER DR	HOWLETT AUTOMOTIVE INC	447110.00	Gas Station @ Convenience Store	35	LAKEWOOD
	2018	TIDEWATER SHELL #410	3537 TIDEWATER DR	MBM INVESTMENTS INC	447110.00	Gas Station @ Convenience Store	35	LAKEWOOD
	2018	AUTOBELL CAR WASH	5840 E VIRGINIA BEACH BLVD	AUTOBELL CAR WASH INC	811192.00	Car Wash	87	JANAF - MILITARY CENTER
	2018	PETCO #1884	5900 E VIRGINIA BEACH BLVD	PETCO ANIMAL SUPPLIES STORES INC	812910.00	Pet Services (not Veterinary)	87	JANAF - MILITARY CENTER
	2018	BJ'S WHOLESALE CLUB #180	5820 E VIRGINIA BEACH BLVD	BJ'S WHOLESALE CLUB INC	532111.00	Passenger Car Rental	87	JANAF - MILITARY CENTER
	2018	MOBILITY WORKS	6059 E VIRGINIA BEACH BLVD	RIDE-AWAY HANDICAP EQUIPMENT CORP	811118.00	Auto Mechanical & Electrical Repair	87	JANAF - MILITARY CENTER
	2018	RED'S TRANSMISSION	5884 POPLAR HALL DR	JOHNSON, DAVID KEITH	811113.00	Automotive Transmission Repair	87	JANAF - MILITARY CENTER
	2018	AAA CAR CARE CENTER	5732 E VIRGINIA BEACH BLVD	AAA TIDEWATER VA CAR CARE CENTER LL	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018	BJ'S WHOLESALE CLUB #180	5820 E VIRGINIA BEACH BLVD	BJ'S WHOLESALE CLUB INC	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018	COTTMAN TRANSMISSION SYSTEMS	5970 E VIRGINIA BEACH BLVD	COW-WOW INC	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018	TREADQUARTERS # 1040	6025 E VIRGINIA BEACH BLVD	MONRO MUFFLER BRAKE INC	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018	MERCHANTS TIRE #428	5965 E VIRGINIA BEACH BLVD	MERCHANT'S LLC	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018	WAL-MART STORE #1811	1170 N MILITARY HWY	WAL-MART STORES EAST LP	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018	J & W COMPLETE AUTO & TRANSMISSION	5884 POPLAR HALL DR	BROWN, JOE N	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018	CSM AUTO SERVICE	5884 POPLAR HALL DR	HINES, CURTIS L	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018	AMERICAN TRANSMISSION CENTERS	5844 E VIRGINIA BEACH BLVD	WRCM LLC	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018	COSTCO WHOLESALE #202	850 GLENROCK RD	COSTCO WHOLESALE CORPORATION	447110.00	Gas Station @ Convenience Store	87	JANAF - MILITARY CENTER
	2018	7-ELEVEN STORE #33653B	5827 E VIRGINIA BEACH BLVD	GANESH PATEL INC	447110.00	Gas Station @ Convenience Store	87	JANAF - MILITARY CENTER
	2018	BJ'S WHOLESALE CLUB #180	5820 E VIRGINIA BEACH BLVD	BJ'S WHOLESALE CLUB INC	447190.00	Gas Stations	87	JANAF - MILITARY CENTER
	2018	TREADQUARTERS # 1040	6025 E VIRGINIA BEACH BLVD	MONRO MUFFLER BRAKE INC	441320.00	Tire Dealers	87	JANAF - MILITARY CENTER
	2018	MERCHANTS TIRE #428	5965 E VIRGINIA BEACH BLVD	MERCHANT'S LLC	441320.00	Tire Dealers	87	JANAF - MILITARY CENTER
	2018	MOBILITY WORKS	6059 E VIRGINIA BEACH BLVD	RIDE-AWAY INC	441120.00	Used Car Dealer	87	JANAF - MILITARY CENTER
	2018	AAA TIDEWATER VA FLEET OPERATIONS	5732 E VIRGINIA BEACH BLVD	AAA TIDEWATER VA FLEET OPERATIONS	488410.00	Tow Truck Services	87	JANAF - MILITARY CENTER
	2018	FIRESTONE COMPLETE AUTO CARE #39F4	800 N MILITARY HWY	BRIDGESTONE RETAIL OPERATIONS LLC	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018	MILITARY CIRCLE SHELL	500 N MILITARY HWY	TIDEWATER CONVENIENCE INC	447110.00	Gas Station @ Convenience Store	87	JANAF - MILITARY CENTER
	2018	OCEAN VIEW FISHING CENTER	4317 PRETTY LAKE AVE	EDWARDS, LISA YEISER	713930.00	Marina	7	SHORE DRIVE
	2018	LITTLE CREEK MARINA	4801 PRETTY LAKE AVE	LITTLE CREEK PARTNERS LTD	713930.00	Marina	7	SHORE DRIVE
	2018	THE PELICAN'S NEST MARINA	4401 PRETTY LAKE AVE	PELICAN'S NEST MARINA INC, THE	713930.00	Marina	7	SHORE DRIVE
	2018	EAST BEACH MARINA	4521 PRETTY LAKE AVE	LG CAPITAL LLC	713930.00	Marina	7	SHORE DRIVE
	2018	TOP DOG WALK LLC	4610 EAST BEACH DR	TOP DOG WALK LLC	812910.00	Pet Services (not Veterinary)	7	SHORE DRIVE
	2018	PAPCO INC	3601 E OCEAN VIEW AVE	PAPCO INC	447110.00	Gas Station @ Convenience Store	7	SHORE DRIVE
	2018	LITTLE CREEK MARINA	4801 PRETTY LAKE AVE	LITTLE CREEK PARTNERS LTD	447190.00	Gas Stations	7	SHORE DRIVE
	2018	ROBINSON'S AUTO SALES LTD	3536 E LITTLE CREEK RD	ROBINSON'S AUTO SALES LTD	441120.00	Used Car Dealer	7	SHORE DRIVE
	2018	ROBINSON'S AUTO SALES LTD	3536 E LITTLE CREEK RD	ROBINSON'S AUTO SALES LTD	423110.00	Auto Sales Wholesale	7	SHORE DRIVE
	2018	BAY POINT MARINA	9500 30TH BAY STREET	LITTLE CREEK PARTNERS LTD	713930.00	Marina	7	SHORE DRIVE
	2018	ACCURATE TUNE PLUS	9529 SHORE DR	WET AUTOMOTIVE SERVICES INC	811111.00	General Automotive Repair	7	SHORE DRIVE
	2018	VININGS LANDING MARINE CENTER	8172 SHORE DR	HARRISON MARINA LLC	447190.00	Gas Stations	7	SHORE DRIVE
	2018	7-ELEVEN STORE 23151A	7901 SHORE DR	SUNTAT INC	447190.00	Gas Stations	7	SHORE DRIVE
	2018	EAST BEACH AUTO SALES	8100 SHORE DR	ZINO'S AUTO SALES INC	441120.00	Used Car Dealer	7	SHORE DRIVE
	2018	PATRICK KNIGHT	4319 TIDES CT	KNIGHT, PATRICK JULIUS	485310.00	Taxi	7	SHORE DRIVE
VAR050244	2018	Cobb's Marina Incorporated	4524 Dunning Road				7	SHORE DRIVE
VAR050484	2018	Little Creek Marina Incorporated	4913 Pretty Lake Avenue				7	SHORE DRIVE
	2018	JESSE JEFFERSON	8450 TOBY LN	JEFFERSON, JESSE	811111.00	General Automotive Repair	14	SNUG HARBOR
	2018	BAYVIEW PET SALON	1541 E BAYVIEW BOULEVARD	BAYVIEW PET SALON LLC	812910.00	Pet Services (not Veterinary)	14	SNUG HARBOR
	2018	STREET MUSIC CAR WASH	2714 MONTICELLO AVE	WIGGINS, STEVEN M	811192.00	Car Wash	52	PARK PLACE
	2018	ABLE TOWING & AUTO REPAIR INC	2701 MONTICELLO AVE	ABLE TOWING & AUTO REPAIR INC	811111.00	General Automotive Repair	52	PARK PLACE
	2018	AROUND THE CLOCK TIRE & AUTO REPAIR LLC	2706 COLLEY AVE	AROUND THE CLOCK TIRE & AUTO REPAIR LLC	811111.00	General Automotive Repair	52	PARK PLACE
	2018	AROUND THE CLOCK TIRE & AUTO REPAIR LLC	2706 COLLEY AVE	AROUND THE CLOCK TIRE & AUTO REPAIR LLC	441320.00	Tire Dealers	52	PARK PLACE
	2018	PENNIES ON THE DOLLAR RECYCLING & HAULING	856 35TH STREET	TURNER, RICHARD L JR	562119.01	Junk Dealer	52	PARK PLACE
	2018	AUTO ELECTRIC SERVICE INC	2900 CHURCH STREET	AUTO ELECTRIC SERVICE INC	811111.00	General Automotive Repair	52	PARK PLACE
	2018	E Z WAY AUTO SALES	1101 E 26TH STREET	STAR AUTOMOTIVE SALES & SVC INC	811111.00	General Automotive Repair	52	PARK PLACE
	2018	NORFOLK DISCOUNT TIRES	2906 GRANBY STREET	NORFOLK DISCOUNT TIRES LLC	811111.00	General Automotive Repair	52	PARK PLACE
	2018	NORFOLK DISCOUNT TIRES	2906 GRANBY STREET	NORFOLK DISCOUNT TIRES LLC	441320.00	Tire Dealers	52	PARK PLACE
	2018	E Z WAY AUTO SALES	1101 E 26TH STREET	STAR AUTOMOTIVE SALES & SVC INC	441120.00	Used Car Dealer	52	PARK PLACE
	2018	DAWN M FOSTER	1048 W 36TH STREET	FOSTER, DAWN M	485999.00	All Other Passenger Transportation	52	PARK PLACE
	2019	PRECISE AUTO CARE LLC	2480 E LITTLE CREEK RD	PRECISE AUTO CARE LLC	811111.00	General Automotive Repair	19	NORTH CAMELLIA
	2019	BEACH AUTO BROKERS INC	3510 E LITTLE CREEK RD	BEACH AUTO BROKERS INC	441120.00	Used Car Dealer	19	NORTH CAMELLIA
	2019	DRIVE NOW AUTO SALES	2424 E LITTLE CREEK RD	DRIVE NOW AUTO SALES LLC	441120.00	Used Car Dealer	19	NORTH CAMELLIA
	2019	BEACH AUTO BROKERS INC	3510 E LITTLE CREEK RD	BEACH AUTO BROKERS INC	423110.00	Auto Sales Wholesale	19	NORTH CAMELLIA
	2019	MILLER'S NEIGHBORHOOD MARKET #89	4900 HAMPTON BOULEVARD	MILLER OIL CO INC	811192.00	Car Wash	55	LAMBERTS POINT / ODU
	2019	MUDDY PAWS	3700 HAMPTON BOULEVARD	MUDDY PAW GROOMING & RETAIL STORE LLC	812910.00	Pet Services (not Veterinary)	55	LAMBERTS POINT / ODU
	2019	ZIPCAR INC	4900 HAMPTON BOULEVARD	ZIPCAR INC	532111.00	Passenger Car Rental	55	LAMBERTS POINT / ODU
	2019	OLD DOMINION COLLISION & PAINT	1065 W 38TH STREET	EDWARDS, SHAWNTA M	811121.00	Auto Body & Paint Repair	55	LAMBERTS POINT / ODU
	2019	UNIVERSITY CAR CARE	4900 HAMPTON BOULEVARD	APEX AUTOMOTIVE CORP	811111.00	General Automotive Repair	55	LAMBERTS POINT / ODU

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2019	HELPING HANDS AUTO	1062 37TH STREET	HELMS, STEVEN	811111.00	General Automotive Repair	55	LAMBERTS POINT / ODU
	2019	ODU EXXON #157	3801 HAMPTON BOULEVARD	COASTAL INVESTMENTS INC	447110.00	Gas Station @ Convenience Store	55	LAMBERTS POINT / ODU
	2019	MILLER'S NEIGHBORHOOD MARKET #89	4900 HAMPTON BOULEVARD	MILLER OIL CO INC	447110.00	Gas Station @ Convenience Store	55	LAMBERTS POINT / ODU
	2019	SEVEN CITIES RICKSHAWS	1251 W 27TH STREET	SEVEN CITIES RICKSHAWS LLC	485999.00	All Other Passenger Transportation	55	LAMBERTS POINT / ODU
VAR051845	2019	Marine Hydraulics International - Mid Town	1215 Warrington Avenue				56	LAMBERTS POINT INDUSTRIAL
VAR051448	2019	Norfolk Southern Railway Company - Lamberts Point	2200 Redgate Avenue				56	LAMBERTS POINT INDUSTRIAL
	2019	MOHAMMAD CHUGHTAI	913 HULLVIEW AVE	CHUGHTAI, MOHAMMAD	485310.00	Taxi	4	OCEANVIEW
	2019	JIFFY LUBE #131	2463 E LITTLE CREEK RD	COMMONWEALTH LUBES INC	811191.00	Oil Change & Lube Shop	20	SOUTH CAMELLIA
	2019	CONNIE'S BUBBLE "N" PAW PRINTS	2450 STRIBLING LN	CONNIES BUBBLE AND PAW PRINTS INC	812910.00	Pet Services (not Veterinary)	20	SOUTH CAMELLIA
	2019	JOE'S TIRES & RIMS INC	7851 AZALEA GARDEN RD	JOE'S TIRES & RIMS INC	811111.00	General Automotive Repair	20	SOUTH CAMELLIA
	2019	7 ELEVEN 37219A	2475 E LITTLE CREEK RD	RETAIL ENTERPRISES INC	447110.00	Gas Station @ Convenience Store	20	SOUTH CAMELLIA
	2019	MCDONALD GARDEN MARKET	4037 E LITTLE CREEK RD	MCDONALD GARDEN MARKET LLC	444220.00	Nursery & Garden Centers	20	SOUTH CAMELLIA
	2019	JOE'S TIRES & RIMS INC	7851 AZALEA GARDEN RD	JOE'S TIRES & RIMS INC	441320.00	Tire Dealers	20	SOUTH CAMELLIA
	2019	JOE'S TIRES & RIMS INC	7851 AZALEA GARDEN RD	JOE'S TIRES & RIMS INC	423130.00	Tires & Tubes Wholesale	20	SOUTH CAMELLIA
	2019	AZALEA SUPER SERVICE INC	5828 CURLEW DR	AZALEA SUPER SERVICE INC	811111.00	General Automotive Repair	81	RIVER FORREST
	2019	AZALEA SUPER SERVICE INC	5828 CURLEW DR	AZALEA SUPER SERVICE INC	441110.00	New Car Dealer	81	RIVER FORREST
	2019	JOEL'S AUTO WHOLESALE INC	5700 CURLEW DR	JOEL'S AUTO WHOLESALE INC	441120.00	Used Car Dealer	81	RIVER FORREST
	2019	METRO TOWING COMPANY INC	5870 CURLEW DR	METRO TOWING CO INC	488410.00	Tow Truck Services	81	RIVER FORREST
	2019	UNITED DISPOSAL INC	161 WELLMAN STREET	UNITED DISPOSAL INC	562920.00	Material Recovery Facility	81	RIVER FORREST
	2019	LACQUER SPECIALTIES	5815 HARGROVE STREET	DESTE CORP	811111.00	General Automotive Repair	81	RIVER FORREST
	2019	GO AUTOMOTIVE	200 S MILITARY HIGHWAY	GO AUTOMOTIVE LLC	811111.00	General Automotive Repair	81	RIVER FORREST
	2019	RONALD L ALLEN SR	200 BETTY COURT	ALLEN, RONALD L SR	485999.00	All Other Passenger Transportation	81	RIVER FORREST
VAR050357	2019	Security Storage and Van Company of Norfolk VA Inc	5786 Selliger Drive				81	RIVER FORREST
	2019	ROBERT H JOYNER	135 GLEN ECHO DR	JOYNER, ROBERT H	485310.00	Taxi	33	SUBURBAN
	2019	THOMAS E GRAVES	1902 MONTCLAIR AVE	GRAVES, THOMAS EDWARD	532111.00	Passenger Car Rental	88	CAMPOSTELLA HEIGHTS
	2019	POPE AUTOMOTIVE	2400 E INDIAN RIVER RD	COLEMAN, CHRISTOPHER L	811111.00	General Automotive Repair	88	CAMPOSTELLA HEIGHTS
	2019	DAV-MAC AUTO REPAIR	2301 EUSTIS AVE	MCNEAL, DAVID	811111.00	General Automotive Repair	88	CAMPOSTELLA HEIGHTS
	2019	HAPPY SHOPPER	415 CAMPOSTELLA RD	CAMPOSTELLA INC	447190.00	Gas Stations	88	CAMPOSTELLA HEIGHTS
	2019	POPE AUTOMOTIVE	2400 E INDIAN RIVER RD	COLEMAN, CHRISTOPHER L	441120.00	Used Car Dealer	88	CAMPOSTELLA HEIGHTS
	2019	BRYANT USED AUTO PARTS & BODY SHOP	2403 E INDIAN RIVER RD	BRYANT, WILLIAM B	488410.00	Tow Truck Services	88	CAMPOSTELLA HEIGHTS
	2019	HAMPTON ROADS MARINE SERVICES INC	805 FORD DR	HAMPTON ROADS MARINE SERVICES INC	562998.00	Misc Waste Management	88	CAMPOSTELLA HEIGHTS
VAR052302	2019	Bay Disposal & Recycling Corporate Office	2224 Springfield Avenue				88	CAMPOSTELLA HEIGHTS
VAR052191	2019	Six M, LLC	425 Campostella Road				88	CAMPOSTELLA HEIGHTS
VAR050290	2019	Tubbs Auto Parts Incorporated	2215 E Indian River Road				88	CAMPOSTELLA HEIGHTS
	2019	7-ELEVEN STORE #8011-23385	8011 HAMPTON BOULEVARD	SEVEN ELEVEN INC	447110.00	Gas Station @ Convenience Store	27	SEWELLS POINT
	2019	WAWA #8606	8105 HAMPTON BOULEVARD	WAWA INC	447110.00	Gas Station @ Convenience Store	27	SEWELLS POINT
	2019	TRANSPORTATION CONCEPTS INC	8791 HAMPTON BOULEVARD	TRANSPORTATION CONCEPTS INC	485999.00	All Other Passenger Transportation	27	SEWELLS POINT
	2019	BLACK & WHITE CABS	6304 SEWELLS POINT RD	BLACK & WHITE CARS INC	532112.00	Passenger Car Leasing	43	SEWELLS GARDENS
	2019	NORVIEW CARS	6304 SEWELLS POINT RD	NORVIEW CARS INC	532112.00	Passenger Car Leasing	43	SEWELLS GARDENS
	2019	CONCIERGE SERVICES	6304 SEWELLS POINT RD	KELLER, JOHN	485310.00	Taxi	43	SEWELLS GARDENS
	2019	C/O NORVIEW CAR	6304 SEWELLS POINT RD	ONAWOLE, ILESANMI	485310.00	Taxi	43	SEWELLS GARDENS
	2019	C/O NORVIEW CHECKER TAXICAB	6304 SEWELLS POINT RD	BURNEY, STEVEN	485310.00	Taxi	43	SEWELLS GARDENS
	2019	C/O BLACK & WHITE CABS	6304 SEWELLS POINT RD	HUSSAIN, MALIK IMTIAZ	485310.00	Taxi	43	SEWELLS GARDENS
	2019	C/O NORVIEW CAR	6304 SEWELLS POINT RD	THORPE, BRADFORD	485310.00	Taxi	43	SEWELLS GARDENS
	2019	C/O GREEN & WHITE CAB CO	6304 SEWELLS POINT RD	WOOD, FRANCHOTT M	485310.00	Taxi	43	SEWELLS GARDENS
	2019	C/O BLACK & WHITE TAXI	6304 SEWELLS POINT RD	LESEBERG, EVERETT F	485310.00	Taxi	43	SEWELLS GARDENS
	2019	C/O NORVIEW CARS	6304 SEWELLS POINT RD	TARAR, MUHAMMAD A	485310.00	Taxi	43	SEWELLS GARDENS
	2019	DON'S MOBILE AUTO REPAIR	6319 CHESAPEAKE BLVD	DON'S MOBILE AUTO REPAIR INC	811111.00	General Automotive Repair	43	SEWELLS GARDENS
	2019	WALT'S TRANSMISSION CO	1752 WILSON RD	WALT'S TRANSMISSION CO INC	811111.00	General Automotive Repair	89	CAMPOSTELLA
VAR051701	2019	HEPACO, LLC	1301 Marsh Street				89	CAMPOSTELLA
VAR052312	2019	MHI Main Office	543 E Indian River Road				89	CAMPOSTELLA
	2019	HAPPY CRITTER PET SITTING	9312 HICKORY STREET	PHILLIPS, CARLA M M	812910.00	Pet Services (not Veterinary)	8	PAMLICO
	2019	DALE R TAYLOR	604 GRAYDON AVE	TAYLOR, DALE R	485310.00	Taxi	64	GHENT
	2019	JOHN'S MOBILE DETAILING	1213 E BRAMBLETON AVE	MOORE, JOHN T	811192.00	Car Wash	68	TIDEWATER DRIVE INDUSTRIAL
	2019	DIVINE TOUCH MOBILE DETAILING	1213 E BRAMBLETON AVE	PARKER, MARQUIS D	811192.00	Car Wash	68	TIDEWATER DRIVE INDUSTRIAL
	2019	NORFOLK TRUCK CENTER INC	736 TIDEWATER DR	NORFOLK TRUCK CENTER INC	811111.00	General Automotive Repair	68	TIDEWATER DRIVE INDUSTRIAL
	2019	CITY TIRES	1139 E PRINCESS ANNE RD	GHAITH, ABDEL SAMIE	811111.00	General Automotive Repair	68	TIDEWATER DRIVE INDUSTRIAL
VAR052143	2019	Empire Recycling Norfolk	1100 E Princess Anne Road				68	TIDEWATER DRIVE INDUSTRIAL
VAR050351	2019	Gutterman Iron and Metal Corporation	706 May Avenue				68	TIDEWATER DRIVE INDUSTRIAL
	2019	COLONIAL CADILLAC	6222 E VIRGINIA BEACH BLVD	RICK HENDRICK CADILLAC	811111.00	General Automotive Repair	78	MAPLE HALL - HOLLYWOOD
	2019	DRIVETIME	6200 E VIRGINIA BEACH BLVD	DRIVETIME CAR SALES COMPANY LLC	441120.00	Used Car Dealer	78	MAPLE HALL - HOLLYWOOD
	2019	A PAWS 4 KNOWLEDGE	1119 LAND STREET	A PAWS 4 KNOWLEDGE LLC	812910.00	Pet Services (not Veterinary)	78	MAPLE HALL - HOLLYWOOD
	2019	URBAN RECYCLE INC	3436 MANGROVE AVE	URBAN RECYCLE INC	562920.00	Material Recovery Facility	83	INGLESIDE
	2019	NICKYS AUTOMOTIVE & CUSTOM CYCLE SHOP	3435 MANGROVE AVE	AL'S TOWING OF VIRGINIA INC	811111.00	General Automotive Repair	83	INGLESIDE
	2019	SCOTT HAULING & MOBILE REPAIRS	3440 TRANT AVE	SCOTT, DAVID A	811111.00	General Automotive Repair	83	INGLESIDE
	2019	CITGO MART	985 INGLESIDE RD	JIMMY ENTERPRISES INC	447110.00	Gas Station @ Convenience Store	83	INGLESIDE
	2019	NICKYS AUTOMOTIVE & CUSTOM CYCLE SHOP	3435 MANGROVE AVE	AL'S TOWING OF VIRGINIA INC	488410.00	Tow Truck Services	83	INGLESIDE
	2019	BIG JOE'S TOW PRO	3435 MANGROVE AVE	BIG JOE'S TOW PRO INC	488410.00	Tow Truck Services	83	INGLESIDE

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2019	FAIRBANKS MORSE ENGINE DIVISION	981 SCOTT STREET	ENPRO INDUSTRIES INC	811111.00	General Automotive Repair	83	INGLESIDE
VAR051467	2019	Virginia Paving Company - Norfolk	3431 Trant Avenue				83	INGLESIDE
	2019	NUMAN CHAUDHRY	417 W 20TH STREET	CHAUDHRY, NUMAN	485999.00	All Other Passenger Transportation	63	EAST GHENT
	2019	OTTACAM AUTOMOTIVE	804 ORAPAX STREET	OTTACAM AUTOMOTIVE INC	811111.00	General Automotive Repair	60	MEDICAL CENTER
VAR052162	2019	NASSCO - Norfolk Mid-Atlantic	1118 Warrington Avenue				60	MEDICAL CENTER
VAR050771	2019	Atlantic Paper Stock	1832 Church Street				66	HUNTERSVILLE
	2019	BAY AUTOMOTIVE CORPORATION	4201 COLLEY AVE	BAY AUTOMOTIVE CORPORATION	811111.00	General Automotive Repair	54	NORTH COLLEY
	2019	7-ELEVEN STORE 24641A	3805 COLLEY AVE	RANDHAWA, MANPREET S	447190.00	Gas Stations	54	NORTH COLLEY
	2019	BAY AUTOMOTIVE CORPORATION	4201 COLLEY AVE	BAY AUTOMOTIVE CORPORATION	441120.00	Used Car Dealer	54	NORTH COLLEY
	2019	HAPPY TAILS	861 46TH STREET	DOG SWIM CAMP & DAY CARE INC	812910.00	Pet Services (not Veterinary)	54	NORTH COLLEY
	2019	WRECKER BOYZ AUTO REPAIR	810 W 39TH STREET	CRESPO ENTERPRISES INC	811111.00	General Automotive Repair	54	NORTH COLLEY
	2019	TNV PROFESSIONAL SERVICES	845 44TH STREET	NGUYEN, JOHN THIEP	811111.00	General Automotive Repair	54	NORTH COLLEY
	2019	LEE'S AUTO SERVICE	837 W 44TH STREET	PLATT, LEON W	811111.00	General Automotive Repair	54	NORTH COLLEY
	2019	ADAMS AUTOMOTIVE CENTER INC	844 W 39TH STREET	ADAMS AUTOMOTIVE CENTER INC	811111.00	General Automotive Repair	54	NORTH COLLEY
	2019	OLD DOMINION AUTOMOTIVE	850 W 40TH STREET	OLD DOMINION AUTO & TRANSMISSION LLC	811111.00	General Automotive Repair	54	NORTH COLLEY
	2019	ROAD RUNNER TOWING	810 W 39TH STREET	CRESPO ENTERPRISES INC	488410.00	Tow Truck Services	54	NORTH COLLEY
	2019	FARM FRESH #55408	201 E BERKLEY AVE	FF ACQUISITION LLC	447190.00	Gas Stations	90	BERKLEY
	2019	KINDER MORGAN VIRGINIA LIQUIDS TERMINALS	1000 LANSING STREET	KINDER MORGAN VIRGINIA LIQUIDS TERMINALS LLC	493110.01	Chemical Storage Warehousing	90	BERKLEY
VAR052316	2019	Kinder Morgan Norfolk Terminal	1000 Lansing Street				90	BERKLEY
VAR050382	2019	Marine Oil Service Incorporated	1421 South Main Street				90	BERKLEY
VAR050487	2019	United States Gypsum Company - Norfolk	1424 South Main Street				90	BERKLEY
	2020	ENTERPRISE RENT-A-CAR	912 W LITTLE CREEK RD	ENTERPRISE LEASING CO OF NFLK/RICH	532112.00	Passenger Car Leasing	31	TITUSTOWN
	2020	D & D CYCLES	1038 W LITTLE CREEK RD	WAYBRY CORP	811111.00	General Automotive Repair	31	TITUSTOWN
	2020	UNIVERSAL-MART	1033 W LITTLE CREEK RD	TRIDEV INC	447110.00	Gas Station @ Convenience Store	31	TITUSTOWN
	2020	7-ELEVEN #39325B	774 W LITTLE CREEK RD	MILLERS II LLC	447110.00	Gas Station @ Convenience Store	31	TITUSTOWN
	2020	ED'S HOME IMPROVEMENTS	6137 MILLER STORE RD	LEISKER, EDWARD FRANK JR	811192.00	Car Wash	76	LAKE TAYLOR
	2020	FREEDOM WASH	1200 N MILITARY HWY	MILITARY FREEDOM WASH LLC	811192.00	Car Wash	76	LAKE TAYLOR
	2020	NISSAN OF NORFOLK	1250 N MILITARY HWY	NISSAN OF NORFOLK LLC	532111.00	Passenger Car Rental	76	LAKE TAYLOR
	2020	PEP BOYS-MANNY MOE & JACK #111	1230 N MILITARY HWY	PEP BOYS-MANNY MOE & JACK	811111.00	General Automotive Repair	76	LAKE TAYLOR
	2020	NISSAN OF NORFOLK	1250 N MILITARY HWY	NISSAN OF NORFOLK LLC	811111.00	General Automotive Repair	76	LAKE TAYLOR
	2020	JONES BUILT SPEED & CUSTOM	6137 MILLER STORE RD	JONES, EDWARD N	811111.00	General Automotive Repair	76	LAKE TAYLOR
	2020	FARM FRESH SUPERMARKET #55467	1200 N MILITARY HWY	FF ACQUISITION LLC	447190.00	Gas Stations	76	LAKE TAYLOR
	2020	NISSAN OF NORFOLK	1250 N MILITARY HWY	NISSAN OF NORFOLK LLC	441110.00	New Car Dealer	76	LAKE TAYLOR
	2020	NISSAN OF NORFOLK	1250 N MILITARY HWY	NISSAN OF NORFOLK LLC	423110.00	Auto Sales Wholesale	76	LAKE TAYLOR
	2020	THE BEST DOGS IN LARCHMONT	1409 BUCKINGHAM AVE	BEST DOGS IN LARCHMONT LLC, THE	812910.00	Pet Services (not Veterinary)	37	EDGEWATER - LARCHMONT
	2020	GORDON AUDIO	5217 ARGALL AVE	BOES, BRIAN G	811118.00	Auto Mechanical & Electrical Repair	37	EDGEWATER - LARCHMONT
	2020	PHIL'S STYLIN' RIDES	1353 WESTMORELAND AVE	GRATHWOL, PHILIP	485999.00	All Other Passenger Transportation	37	EDGEWATER - LARCHMONT
	2020	BARRY'S PERFORMANCE IMPORTS	2131 CROMWELL RD	BPI INC	811111.00	General Automotive Repair	50	BALLENTINE PARK
	2020	CHRISTIAN A TORRES	2766 MCKANN AVE	TORRES, CHRISTIAN A	485999.00	All Other Passenger Transportation	50	BALLENTINE PARK
	2020	CROMWELL BP	3210 CHESAPEAKE BLVD	TIDEWATER CONVENIENCE INC	811192.00	Car Wash	50	BALLENTINE PARK
	2020	GALE L ROSE-CARMACK	2851 BALLENTINE BLVD	ROSE-CARMACK, GALE L	812910.00	Pet Services (not Veterinary)	50	BALLENTINE PARK
	2020	CROMWELL BP	3210 CHESAPEAKE BLVD	TIDEWATER CONVENIENCE INC	447110.00	Gas Station @ Convenience Store	50	BALLENTINE PARK
VAR051796	2020	Norfolk City- Streets and Bridges - McKann Avenue	2205 McKann Avenue				50	BALLENTINE PARK
	2020	DODGES STORE	8110 HAMPTON BOULEVARD	H & D OIL CO INC	447110.00	Gas Station @ Convenience Store	28	GLENWOOD PARK
	2020	DAYOAN LAUNDRY & CAR WASH USA	1203 W LITTLE CREEK RD	DAYOAN, JOSE M	811192.00	Car Wash	30	NORTH SHORE
	2020	JOHN F ONEIL	7720 ENFIELD AVE	O'NEIL, JOHN F	485310.00	Taxi	30	NORTH SHORE
	2020	ALFRED MOORE III	1307 MILTON STREET	MOORE, ALFRED III	485310.00	Taxi	30	NORTH SHORE
	2020	O'REILLY AUTO PARTS #2000	7720 HAMPTON BOULEVARD	O'REILLY AUTOMOTIVE STORES INC	423110.00	Auto Sales Wholesale	30	NORTH SHORE
	2020	SUN DOGS MOBILE PET SALON	283 SIR OLIVER RD	CAGNEY, MARY F	812910.00	Pet Services (not Veterinary)	36	TALBOT PARK
	2020	THE BOWMEOW LLC	219 SOUTH BLAKE ROAD	BOWMEOW LLC, THE	812910.00	Pet Services (not Veterinary)	36	TALBOT PARK
	2020	ENTERPRISE LEASING CO OF NFLK/RICH	9000 HAMPTON BOULEVARD	ENTERPRISE LEASING CO OF NFLK/RICH	532111.00	Passenger Car Rental	26	NAVAL BASE
	2020	TRASH TREASURE JUNKMEN	301 NAVAL BASE RD	ALSTON, ANTWAIN & ALSTON, RONALD	562119.01	Junk Dealer	39	NAVAL BASE ROAD
	2020	DOODY CALLS	385 NAVAL BASE RD	R BARQUE LLC	812910.00	Pet Services (not Veterinary)	39	NAVAL BASE ROAD
	2020	HONDA OF NORFOLK	6955 TIDEWATER DR	LTGB LLC	811111.00	General Automotive Repair	39	NAVAL BASE ROAD
	2020	GENTRY'S MOBILE REPAIR	385 NAVAL BASE RD	GENTRY, THOMAS H III	811111.00	General Automotive Repair	39	NAVAL BASE ROAD
	2020	FAMILY CAR WASH INC	5007 E PRINCESS ANNE RD	FAMILY CAR WASH INC	811192.00	Car Wash	75	RIVER OAKS
	2020	CALVARY CARS & SERVICE INC	1417 N MILITARY HWY	CALVARY CARS & SERVICE INC	811111.00	General Automotive Repair	75	RIVER OAKS
	2020	PRINCESS ANNE AUTOMOTIVE CENTER	5333 E PRINCESS ANNE RD	VIC & NOLI LLC	811111.00	General Automotive Repair	75	RIVER OAKS
	2020	EXPRESS TIRE & AUTO REPAIR	5045 E PRINCESS ANNE RD	GOSSET INC	811111.00	General Automotive Repair	75	RIVER OAKS
	2020	SUBTRACK FOOD MART	5369 E PRINCESS ANNE RD	AMBEMA LLC	447110.00	Gas Station @ Convenience Store	75	RIVER OAKS
	2020	EXPRESS TIRE & AUTO REPAIR	5045 E PRINCESS ANNE RD	GOSSET INC	441320.00	Tire Dealers	75	RIVER OAKS
	2020	DOUBLE J MOTORS INC	5601 E PRINCESS ANNE RD	DOUBLE J MOTORS INC	441120.00	Used Car Dealer	75	RIVER OAKS
	2020	AUTO EXPRESS II	5029 E PRINCESS ANNE RD	GOSSETT INC	441120.00	Used Car Dealer	75	RIVER OAKS
	2020	JAY DA MAN ENTERPRISES LLC	5129 SOUTH CAPE HENRY AVENUE	JAY DA MAN ENTERPRISES LLC	811111.00	General Automotive Repair	75	RIVER OAKS
	2020	7-ELEVEN STORE #39586A	6100 TIDEWATER DR	RIGHTEOUS ACTS LLC	811192.00	Car Wash	34	ROLAND PARK
	2020	AUTOMASTERS EXPRESS CARE	6100 TIDEWATER DR	AUTOMASTERS OF ASHEBORO LLC	811191.00	Oil Change & Lube Shop	34	ROLAND PARK
	2020	7-ELEVEN STORE #39586A	6100 TIDEWATER DR	RIGHTEOUS ACTS LLC	447110.00	Gas Station @ Convenience Store	34	ROLAND PARK
VAR050293	2020	Carroll Trucking Incorporated	6300 Tidewater Drive				34	ROLAND PARK

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	2020	FASTREK AZALEA	2335 AZALEA GARDEN RD	SAIRAM ENTERPRISE INC	447110.00	Gas Station @ Convenience Store	48	FOXHALL
	2020	7-ELEVEN STORE #24025A	3112 AZALEA GARDEN RD	AYO, ARTURO D	447190.00	Gas Stations	48	FOXHALL
	2020	NU WHEELS	2675 AZALEA GARDEN RD	E'DSCO CORP	423110.00	Auto Sales Wholesale	48	FOXHALL
	2020	HILLIARD AUTO & TRUCK REPAIR	2313 MOHAWK STREET	HILLIARD, JOHN L	811111.00	General Automotive Repair	48	FOXHALL
	2020	ED'S RODS & RECKS	2320 MOHAWK STREET	MURMILLO, EDWARD W & REMONA	811111.00	General Automotive Repair	48	FOXHALL
	2020	ALL PRO AUTO REPAIR	2328 AZALEA GARDEN RD	HARRIS, BRIAN K	811111.00	General Automotive Repair	48	FOXHALL
	2020	CHURCH STREET BP	800 E BRAMBLETON AVE	TIDEWATER CONVENIENCE INC	811192.00	Car Wash	65	TIDEWATER - YOUNG PARK
	2020	ONE STOP FOOD MART #351	900 E BRAMBLETON AVE	J & M INVESTMENTS INC	447110.00	Gas Station @ Convenience Store	65	TIDEWATER - YOUNG PARK
	2020	CHURCH STREET BP	800 E BRAMBLETON AVE	TIDEWATER CONVENIENCE INC	447110.00	Gas Station @ Convenience Store	65	TIDEWATER - YOUNG PARK
	2020	HOLIDAY FOOD STORE #405	418 SAINT PAULS BLVD	SUPREME PETROLEUM INC	447110.00	Gas Station @ Convenience Store	65	TIDEWATER - YOUNG PARK
VAR050301	2020	US Postal Svs - Vehicle Maintenance Fac - Norfolk	600 Church Street				65	TIDEWATER - YOUNG PARK
	2020	7-ELEVEN STORE #36467A	357 W OCEAN VIEW AVE	PTE INC	447190.00	Gas Stations	1	WILLOUGHBY
	2020	REBEL MARINE SERVICE INC	1553 BAYVILLE STREET	REBEL MARINE SERVICE INC	713930.00	Marina	1	WILLOUGHBY
	2020	WILLOUGHBY HARBOR MARINA	1525 BAYVILLE STREET	WILLOUGHBY HARBOR PARTNERS LP	713930.00	Marina	1	WILLOUGHBY
	2020	YACHT SYSTEMS SERVICES	1553 BAYVILLE STREET	YACHT SYSTEMS SERVICES INC	811111.00	General Automotive Repair	1	WILLOUGHBY
	2020	CALIFORNIA STYLE DETAILING	999 WATERSIDE DR	MARTIN, JOHN A	811192.00	Car Wash	59	DOWNTOWN
	2020	ENTERPRISE RENT-A-CAR	751 MONTICELLO AVE	ENTERPRISE LEASING CO OF NFLK/RICH	532112.00	Passenger Car Leasing	59	DOWNTOWN
	2020	PARKER OIL CO INC	857 MONTICELLO AVE	PARKER OIL CO INC	447190.00	Gas Stations	59	DOWNTOWN
	2020	GRANBY ST PALMS LLC	425 MONTICELLO AVE	GRANBY ST PALMS LLC	444220.00	Nursery & Garden Centers	59	DOWNTOWN
	2020	MARINE OIL SERVICE INC	201 E CITY HALL AVE	MARINE OIL SERVICE INC	562111.00	Solid Waste Collection	59	DOWNTOWN
	2020	DOWNTOWN PIT STOP	770 BOUSH STREET	WOODFIN HEATING INC	811192.00	Car Wash	59	DOWNTOWN
	2020	PETS MATE	201 W TAZEWELL STREET	PETS MATE LLC	812910.00	Pet Services (not Veterinary)	59	DOWNTOWN
	2020	DOWNTOWN PIT STOP	770 BOUSH STREET	WOODFIN HEATING INC	447190.00	Gas Stations	59	DOWNTOWN
	2020	TRANSPORTATION KINGZ LLC	259 GRANBY STREET	TRANSPORTATION KINGZ LLC	485999.00	All Other Passenger Transportation	59	DOWNTOWN
	2020	C & P MOBILE AUTO REPAIR	1813 BOURBON AVE	WILLOUGHBY, LAMONT D	811111.00	General Automotive Repair	51	LAYFAYETTE
	2020	ONE STOP FOOD MART #355	2628 TIDEWATER DR	J & M INVESTMENTS INC	447110.00	Gas Station @ Convenience Store	51	LAYFAYETTE
	2020	MAJESTIC WAD LLC	3106 PERONNE AVE	MAJESTIC WAD LLC	485310.00	Taxi	51	LAYFAYETTE
	2020	O'REILLY AUTO PARTS #4479	3212 TIDEWATER DR	O'REILLY AUTOMOTIVE STORES INC	423110.00	Auto Sales Wholesale	51	LAYFAYETTE
	2020	BARNEYS BUDDIES LLC	1741 TAIT TERRACE	BARNEYS BUDDIES LLC	812910.00	Pet Services (not Veterinary)	51	LAYFAYETTE
	2020	MITCH'S BRAKE & MUFFLER	2801 LAFAYETTE BOULVARD	MITCH'S BRAKE & MUFFLER INC	811111.00	General Automotive Repair	51	LAYFAYETTE
	2020	TINEE GIANT #172	2001 LAFAYETTE BOULVARD	COASTAL INVESTMENTS INC	447110.00	Gas Station @ Convenience Store	51	LAYFAYETTE
VAR052227	2020	US Postal Service - Lafayette Station	2655 Tidewater Drive				51	LAYFAYETTE
	2020	7-ELEVEN STORE #25925A	8595 TIDEWATER DR	PTE INC	811192.00	Car Wash	11	NORTHSIDE
	2020	POISED PUPS	145 E LEICESTER AVE	POISED PUPS LLC	812910.00	Pet Services (not Veterinary)	11	NORTHSIDE
	2020	7-ELEVEN STORE #25925A	8595 TIDEWATER DR	PTE INC	447110.00	Gas Station @ Convenience Store	11	NORTHSIDE
	2020	SRB LIMOUSINE LLC	167 E EVANS STREET	SRB LIMOUSINE LLC	485320.00	Limousine Services	11	NORTHSIDE
	2020	GEORGE WYNN	6949 SEWELLS POINT RD	WYNN, GEORGE NATHANIEL	562119.01	Junk Dealer	40	CHESAPEAKE MANOR
	2020	D L SHADY GARAGE	7425 SEWELLS POINT RD	SHADY, DENNIS L	811111.00	General Automotive Repair	40	CHESAPEAKE MANOR
	2020	WAL-MART SUPERCENTER #5488	7530 TIDEWATER DR	WAL-MART STORES EAST LP	811111.00	General Automotive Repair	40	CHESAPEAKE MANOR
	2020	HERMAN'S MOBILE AUTO REPAIR	7419 SEWELLS POINT RD	COUNCIL, HERMAN J	811111.00	General Automotive Repair	40	CHESAPEAKE MANOR
	2020	M & M AUTO CARE	7425 SEWELLS POINT RD.	GIVENS, MARCUS A	811111.00	General Automotive Repair	40	CHESAPEAKE MANOR
	2020	SAM'S CLUB #4733 GAS STATION	7530 TIDEWATER DR	SAM'S EAST INC	447190.00	Gas Stations	40	CHESAPEAKE MANOR
	2020	K MART #4988 (GAS & CONV STORE)	6101 N MILITARY HWY	K MART CORP	447110.00	Gas Station @ Convenience Store	44	EAST NORVIEW
	2020	WAWA #8628	6301 N MILITARY HWY	WAWA INC	447110.00	Gas Station @ Convenience Store	44	EAST NORVIEW
	2020	7-ELEVEN STORE #36463A	8594 TIDEWATER DR	PTE INC	447190.00	Gas Stations	12	OCEANAIR
	2020	BAYVIEW BP	8595 CHESAPEAKE BLVD	HORTON & WHO LLC	811111.00	General Automotive Repair	12	OCEANAIR
	2020	BAYVIEW BP	8595 CHESAPEAKE BLVD	HORTON & WHO LLC	447190.00	Gas Stations	12	OCEANAIR
	2020	JAY JAY'S CAR WASH	4126 LLEWELLYN AVE	REAL CHANCE LLC	811192.00	Car Wash	53	COLONIAL PLACE
	2020	WARD, LARRY JUNIOR	4507 COLONIAL AVE	WARD JR, LARRY	562119.01	Junk Dealer	53	COLONIAL PLACE
	2020	ARVO AUTO RESTORATION	4809 COLONIAL AVE	ARVO AUTO RESTORATION LLC	811121.00	Auto Body & Paint Repair	53	COLONIAL PLACE
	2020	BIG AL'S MUFFLERS & BRAKES	3930 GRANBY STREET	ANZELL AUTOMOTIVE INC	811111.00	General Automotive Repair	53	COLONIAL PLACE
	2020	GRANBY SHELL	4225 GRANBY STREET	GRANBY MOBIL CORP	811111.00	General Automotive Repair	53	COLONIAL PLACE
	2020	RIVERVIEW SHELL	4002 GRANBY STREET	COLVIEW CORP	447110.00	Gas Station @ Convenience Store	53	COLONIAL PLACE
	2020	GRANBY SHELL	4225 GRANBY STREET	GRANBY MOBIL CORP	447110.00	Gas Station @ Convenience Store	53	COLONIAL PLACE
	2020	7-ELEVEN STORE#23323A	3800 GRANBY STREET	BHATTI, MANPREET	447110.00	Gas Station @ Convenience Store	53	COLONIAL PLACE
	2021	URBAN RECYCLE INC	500 NAVAL BASE RD	URBAN RECYCLE INC	562920.00	Material Recovery Facility	38	DENBY PARK
	2021	SOUTHERN AUTO SALES & RENTALS INC	7467 TIDEWATER DR	SOUTHERN AUTO SALES AND RENTALS	532111.00	Passenger Car Rental	38	DENBY PARK
	2021	BIG AL'S MUFFLERS & BRAKES	287 E LITTLE CREEK RD	ANZELL AUTOMOTIVE INC	811111.00	General Automotive Repair	38	DENBY PARK
	2021	BRESS AUTO SERVICE	7471 TIDEWATER DR	BRESS, ROGER ALLEN	811111.00	General Automotive Repair	38	DENBY PARK
	2021	RACE COAST	303 E LITTLE CREEK RD	SS OPCO I LLC	447110.00	Gas Station @ Convenience Store	38	DENBY PARK
	2021	7-ELEVEN STORE #19108A	7431 TIDEWATER DR	MCM INVESTMENT INC	447190.00	Gas Stations	38	DENBY PARK
	2021	LOVE FOOD MART 10	303 E LITTLE CREEK RD	HARE RAM INC	447190.00	Gas Stations	38	DENBY PARK
	2021	SOUTHERN AUTO SALES & RENTALS INC	7467 TIDEWATER DR	SOUTHERN AUTO SALES AND RENTALS	441120.00	Used Car Dealer	38	DENBY PARK
	2021	HAPPY PLACE	5548 BROOKVILLE RD	HAPPY PLACE LLC	812910.00	Pet Services (not Veterinary)	84	POPLAR HALLS
	2021	PAPCO INC	930 BRIAR HILL RD	PAPCO INC	447110.00	Gas Station @ Convenience Store	84	POPLAR HALLS
	2021	TIDEWATER DRIVE AUTO SALES INC	5585 E VIRGINIA BEACH BLVD	TIDEWATER DRIVE AUTO SALES INC	441110.00	New Car Dealer	84	POPLAR HALLS
	2021	GORDON MOTOR AUTO SALES INC	5203 E VIRGINIA BEACH BLVD	GORDON MOTOR AUTO SALES INC	441120.00	Used Car Dealer	84	POPLAR HALLS
	2021	AUTO OUTLET SALES & RENTAL LLC	5573 E VIRGINIA BEACH BLVD	AUTO OUTLET SALES & RENTAL LLC	441120.00	Used Car Dealer	84	POPLAR HALLS

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2021	TRINITY PRE OWNED AUTO SALES	5139 E VIRGINIA BEACH BLVD	TRINITY PRE OWNED AUTO SALES INC	441120.00	Used Car Dealer	84	POPLAR HALLS
	2021	D'S TOWING	460 PEPPER MILL LN	DOXIE, ARNOLD	488410.00	Tow Truck Services	84	POPLAR HALLS
	2021	WHISKERS & PAWS	8028 ROXBORO RD	DEY, RICHELE A	812910.00	Pet Services (not Veterinary)	16	OAKDALE FARMS
	2021	POSH PET SITTING AND TRAINING	8234 MERCER DR	CUELLAR, PAULA L	812910.00	Pet Services (not Veterinary)	16	OAKDALE FARMS
	2021	AVIS RENT A CAR	2200 NORVIEW AVE	AVIS RENT A CAR SYSTEM LLC	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021	BUDGET RENT A CAR SYSTEM INC	2200 NORVIEW AVE	BUDGET RENT A CAR SYSTEM INC	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021	DOLLAR RENT A CAR	2200 NORVIEW AVE	DTG OPERATIONS INC	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021	THRIFTY CAR RENTAL	2200 NORVIEW AVE	DTG OPERATIONS INC	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021	ENTERPRISE RENT-A-CAR	2200 NORVIEW AVE	ENTERPRISE LEASING CO OF NFLK/RICH	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021	HERTZ LOCAL EDITION	6101 BURTON STATION RD	HERTZ CORP, THE	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021	THE HERTZ CORP	2200 NORVIEW AVE	HERTZ CORP, THE	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021	NATIONAL CAR RENTAL/ALAMO CAR RENTAL	2200 NORVIEW AVE	ENTERPRISE LEASING CO OF NFLK/RIC L	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021	PRIDE ROC	880 WIDGEON RD	MURPHY, DAVID A	811192.00	Car Wash	42	CORONADO
	2021	KNIGHT'S SERVICE CENTER	6575 TIDEWATER DR	KNIGHT, DANIEL W	811111.00	General Automotive Repair	42	CORONADO
	2021	BAHIA AUTO SALES	6581 TIDEWATER DR	BAHIA AUTO COMPANY	811111.00	General Automotive Repair	42	CORONADO
	2021	DAVE LISTON'S AUTO OUTLET	6907 SEWELLS POINT RD	LISTON, DAVID J	441120.00	Used Car Dealer	42	CORONADO
	2021	TAURUS AUTO SALES	6581 TIDEWATER DR	VIRGINIA ATLANTIC TRADING LLC	441120.00	Used Car Dealer	42	CORONADO
	2021	BAHIA AUTO SALES	6581 TIDEWATER DR	BAHIA AUTO COMPANY	441120.00	Used Car Dealer	42	CORONADO
	2021	EXECUTIVE ATLANTIC LLC	888 WIDGEON RD	EXECUTIVE ATLANTIC LLC	485320.00	Limousine Services	42	CORONADO
	2021	TAKE ME DOWN TOWN LLC	888 WIDGEON RD	TAKE ME DOWN TOWN LLC	485320.00	Limousine Services	42	CORONADO
	2021	DAVE LISTON'S AUTO OUTLET	6907 SEWELLS POINT RD	LISTON, DAVID J	423110.00	Auto Sales Wholesale	42	CORONADO
	2021	JJK ENTERPRISES #229	2701 E OCEAN VIEW AVE	JJK ENTERPRISES INC	447110.00	Gas Station @ Convenience Store	6	PRETTY LAKE
	2021	SCRUBBERS WASH AND WAX	719 MAURY AVE	AVEN, DAVID M	811192.00	Car Wash	62	NORTH GHENT
	2021	JOE'S TIRES & RIMS INC	6000 E VIRGINIA BEACH BLVD	JOE'S TIRES & RIMS INC	811111.00	General Automotive Repair	77	LAKE TERRACE
	2021	J & M TIRE	6100 E VIRGINIA BEACH BLVD	PBM INC	811111.00	General Automotive Repair	77	LAKE TERRACE
	2021	RT MOTORCYCLE & AUTO	6106 E VIRGINIA BEACH BLVD	RICHARDSON, KERRY THEODORE	811111.00	General Automotive Repair	77	LAKE TERRACE
	2021	JOE'S TIRES & RIMS INC	6000 E VIRGINIA BEACH BLVD	JOE'S TIRES & RIMS INC	441320.00	Tire Dealers	77	LAKE TERRACE
	2021	BEACH AUTO	6030 E VIRGINIA BEACH BLVD	MAR-PAT INC	441120.00	Used Car Dealer	77	LAKE TERRACE
	2021	JOE'S TIRES & RIMS INC	6000 E VIRGINIA BEACH BLVD	JOE'S TIRES & RIMS INC	423130.00	Tires & Tubes Wholesale	77	LAKE TERRACE
	2021	INTERNATIONAL AUTO CARE LLC	2390 E LITTLE CREEK RD	INTERNATIONAL AUTO CARE LLC	811111.00	General Automotive Repair	18	ROOSEVELT GARDENS
	2021	BOOTY THE JUNK MAN	1343 BRANCH RD	CAREY, CRAWFORD P	562119.01	Junk Dealer	41	ROSEMONT
	2021	NEW HORIZON BUS CO INC	7607 EVELYN T BUTTS AVE	NEW HORIZON BUS CO INC	485999.00	All Other Passenger Transportation	41	ROSEMONT
	2021	R T BODY SHOP INC	7615 MERRITT STREET	R T BODY SHOP INC	811111.00	General Automotive Repair	41	ROSEMONT
	2021	7-ELEVEN 25098A	1000 E BAYVIEW BOULEVARD	FISCHER ENTERPRISES INC	447110.00	Gas Station @ Convenience Store	13	WILLOW TERRACE
	2021	ATTA-BOY PET SITTING SERVICE	1670 COUGAR AVE	DOUGLAS, STEVEN M	812910.00	Pet Services (not Veterinary)	17	BEL-AIRE
	2021	STAR MINI MART	1542 E LITTLE CREEK RD	ZARA & ZARIN CORPORATION	447110.00	Gas Station @ Convenience Store	17	BEL-AIRE
	2021	PRIDE AUTOMOTIVE CORP	1530 E LITTLE CREEK RD	PRIDE AUTOMOTIVE CORP	441120.00	Used Car Dealer	17	BEL-AIRE
	2021	DOMINION LIMO LLC	8110 ANGLEWOOD CT	DOMINION LIMO LLC	485320.00	Limousine Services	17	BEL-AIRE
	2021	CAR-MATIC SYSTEMS	3111 E VIRGINIA BEACH BLVD	C-TECH INC	811111.00	General Automotive Repair	70	LIBERTY - ROBERTS PARK
	2021	THE TIRE STORE INC	3013 E VIRGINIA BEACH BLVD	TIRE STORE INC, THE	811111.00	General Automotive Repair	70	LIBERTY - ROBERTS PARK
	2021	THE TIRE STORE INC	3013 E VIRGINIA BEACH BLVD	TIRE STORE INC, THE	441320.00	Tire Dealers	70	LIBERTY - ROBERTS PARK
	2021	WIGGINS TRANSPORT	2721 MYRTLE AVE	WIGGINS, LINWOOD I JR	485999.00	All Other Passenger Transportation	70	LIBERTY - ROBERTS PARK
	2021	INGLESIDE BP	3025 E VIRGINIA BEACH BLVD	TIDEWATER CONVENIENCE INC	447110.00	Gas Station @ Convenience Store	70	LIBERTY - ROBERTS PARK

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2017	3/15/2017	TINEE GIANT #147	123 W OCEAN VIEW AVE	COASTAL INVESTMENTS INC	447110.00	Gas Station @ Convenience Store	2	WEST OCEAN VIEW
	2017	3/15/2017	COMPETITIVE BUSINESS SYSTEMS INC	413 PINEWELL DR	COMPETITIVE BUSINESS SYSTEMS INC	485999.00	All Other Passenger Transportation	2	WEST OCEAN VIEW
	2017	3/15/2017	C/O BLACK & WHITE CAB	124 DUPRE AVE	CANTRELL, DAVID L	485310.00	Taxi	2	WEST OCEAN VIEW
	2017	3/15/2017	ANNAS TOWING OF NORFOLK	9665 1ST VIEW STREET	ALL-CITY TOWING & RECOVERY INC	488410.00	Tow Truck Services	2	WEST OCEAN VIEW
	2017	3/15/2017	COAST 2 COAST OF NORFOLK	9665 1ST VIEW STREET	ALL-CITY TOWING & RECOVERY INC	488410.00	Tow Truck Services	2	WEST OCEAN VIEW
	2017	5/15/2017	ENTERPRISE RENT-A-CAR	6252 E VIRGINIA BEACH BLVD	ENTERPRISE LEASING CO OF NFLK/RICH	532111.00	Passenger Car Rental	79	KEMPSVILLE
	2017	5/15/2017	PERRY BUICK CO A CORP	6633 E VIRGINIA BEACH BLVD	PERRY BUICK CO	532111.00	Passenger Car Rental	79	KEMPSVILLE
	2017	5/15/2017	B AUTOMOTIVE	6539 E VIRGINIA BEACH BLVD	B AUTOMOTIVE INC	811113.00	Automotive Transmission Repair	79	KEMPSVILLE
	2017	5/15/2017	THE AUTO CONNECTION	6401 E VIRGINIA BEACH BLVD	AUTO CONNECTION INC THE	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	5/15/2017	RICK HENDRICK CHEVROLET	6252 E VIRGINIA BEACH BLVD	COLONIAL CHEVROLET CORP	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	5/15/2017	CAR-LIFE TRANSMISSIONS	6420 E VIRGINIA BEACH BLVD	CAR-LIFE INC	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	5/15/2017	PERRY BUICK CO A CORP	6633 E VIRGINIA BEACH BLVD	PERRY BUICK CO	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	5/15/2017	SHAFFER'S AUTO REPAIR INC	6539 E VIRGINIA BEACH BLVD	SHAFFER'S AUTO REPAIR INC	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	5/15/2017	CHECKERED FLAG HONDA	6541 E VIRGINIA BEACH BLVD	CHECKERED FLAG STORE #1 LLC	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	5/15/2017	COASTAL SAFETY BRAKE CENTER	6656 E VIRGINIA BEACH BLVD	BENNETT, SHARIF T	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	5/15/2017	AUTO CONNECTION PREMIER COLLECTION	6401 E VIRGINIA BEACH BLVD	AUTO CONNECTION PREMIER COLL INC	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	5/15/2017	ACE AUTO	6539 E VIRGINIA BEACH BLVD	ACE AUTO LLC	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	5/15/2017	HAJJIS WHOLESALE	6400 E VIRGINIA BEACH BLVD	HAJJIS WHOLESALE LLC	811111.00	General Automotive Repair	79	KEMPSVILLE
	2017	5/15/2017	LUXURY AUTO SALES INC	6430 E VIRGINIA BEACH BLVD	LUXURY AUTO SALES INC	441110.00	New Car Dealer	79	KEMPSVILLE
	2017	5/15/2017	TIRE STOP ONE	6646 E VIRGINIA BEACH BLVD	TIRE STOP ONE LLC	441320.00	Tire Dealers	79	KEMPSVILLE
	2017	5/15/2017	THE AUTO CONNECTIOB1624:B1655N	6401 E VIRGINIA BEACH BLVD	AUTO CONNECTION INC THE	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	5/15/2017	RICK HENDRICK CHEVROLET	6252 E VIRGINIA BEACH BLVD	COLONIAL CHEVROLET CORP	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	5/15/2017	1 STOP AUTO	6440 E VIRGINIA BEACH BLVD	1 STOP AUTO DISCOUNTERS INC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	5/15/2017	PERRY BUICK CO A CORP	6633 E VIRGINIA BEACH BLVD	PERRY BUICK CO	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	5/15/2017	CHECKERED FLAG HONDA	6541 E VIRGINIA BEACH BLVD	CHECKERED FLAG STORE #1 LLC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	5/15/2017	AUTO MAX	6530 E VIRGINIA BEACH BLVD	AMINA CORPORATION	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	5/15/2017	CARAFELLO'S AUTO SALES LLC	6328 E VIRGINIA BEACH BLVD	CARAFELLO'S AUTO SALES LLC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	5/15/2017	PORTAL AUTOMOTIVE	6626 E VIRGINIA BEACH BLVD	PORTAL AUTOMOTIVE INC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	5/15/2017	HAJJIS WHOLESALE	6400 E VIRGINIA BEACH BLVD	HAJJIS WHOLESALE LLC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	5/15/2017	ALL RIDE MOTORS	6336 E VIRGINIA BEACH BLVD	ALL RIDE MOTORS LLC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	5/15/2017	Z AUTOMOTIVE	6512 E VIRGINIA BEACH BLVD	Z AUTOMOTIVE LLC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	5/15/2017	518 WHOLESALE LLC	6328 E VIRGINIA BEACH BLVD	518 WHOLESALE LLC	441120.00	Used Car Dealer	79	KEMPSVILLE
	2017	5/15/2017	FIRST CLASS CHARIOTS LLC	6401 E VIRGINIA BEACH BLVD	FIRST CLASS CHARIOTS LLC	485320.00	Limousine Services	79	KEMPSVILLE
	2017	5/31/2017	C J TRANSPORTOTION	6630 STONEY POINT SOUTH	JOSEPH, GLENFORD F	485310.00	Taxi	79	KEMPSVILLE
	2017	5/31/2017	FIRST TRANSIT	6350 CENTER DR	FIRST TRANSIT INC	485999.00	All Other Passenger Transportation	79	KEMPSVILLE
	2017	5/15/2017	ARISTIOCRAT TOWING INC	6539 E VIRGINIA BEACH BLVD	ARISTOCRAT TOWING INC	488410.00	Tow Truck Services	79	KEMPSVILLE
	2017	5/30/2017	WARDS CORNER SHELL	7726 GRANBY STREET	RACIBORSKI, STANLEY W	811111.00	General Automotive Repair	25	WARDS CORNER
	2017	5/30/2017	BINGO AUTO & TIRE SERVICE LLC	7718 GRANBY STREET	BINGO AUTO & TIRE SERVICE LLC	811111.00	General Automotive Repair	25	WARDS CORNER
	2017	5/30/2017	WARDS CORNER SHELL	7726 GRANBY STREET	RACIBORSKI, STANLEY W	447110.00	Gas Station @ Convenience Store	25	WARDS CORNER
	2017	5/30/2017	BINGO AUTO & TIRE SERVICE LLC	7718 GRANBY STREET	BINGO AUTO & TIRE SERVICE LLC	441320.00	Tire Dealers	25	WARDS CORNER
	2017	5/3/2017	JOE'S TIRES & RIMS INC	1110 GRANBY STREET	GRANBY STORE INC	447110.00	Gas Station @ Convenience Store	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	JOE'S TIRES & RIMS INC	113 E PRINCESS ANNE RD	BOON'S CAR SALOON INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	TREADQUARTERS # 1038	113 E PRINCESS ANNE RD	BOON'S CAR SALOON INC	441320.00	Tire Dealers	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	ACCURATE TUNE PLUS	116 W 25TH STREET	ALPINE MOTOR SPORTS LLC	811121.00	Auto Body & Paint Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	JOE'S TIRE & AUTO SALES	1200 MONTICELLO AVE	MILLERS II LLC	447110.00	Gas Station @ Convenience Store	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	BOON'S CAR SALOON	1201 MONTICELLO AVE	JOE'S TIRES & RIMS INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	7-ELEVEN #39536B	1202 GRANBY STREET	PASSAWALA INC	447110.00	Gas Station @ Convenience Store	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	JOE'S TIRES & RIMS INC	1209 MONTICELLO AVE	JOE'S TIRES & RIMS INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	TREADQUARTERS # 1038	1209 MONTICELLO AVE	JOE'S TIRE & AUTO SALES INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	JOE'S TIRE & AUTO SALES	1209 MONTICELLO AVE	JOE'S TIRES & RIMS INC	441320.00	Tire Dealers	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	BOON'S CAR SALOON	1209 MONTICELLO AVE	JOE'S TIRE & AUTO SALES INC	441320.00	Tire Dealers	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	JOE'S TIRE & AUTO SALES	1209 MONTICELLO AVE	JOE'S TIRE & AUTO SALES INC	441120.00	Used Car Dealer	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	ENVY LIMOUSINE	1209 MONTICELLO AVE	ENVY LIMOUSINE INC	485320.00	Limousine Services	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	RECYCLING PERKS LLC	1312 MONTICELLO AVE	WET AUTOMOTIVE SERVICES INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	GROOMINGDALE'S	1700 MONTICELLO AVE	MONRO MUFFLER BRAKE INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	FOREVER HOME REHABILITATION & TRAINING CENTER INC	1700 MONTICELLO AVE	MONRO MUFFLER BRAKE INC	441320.00	Tire Dealers	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	ALLIANCE COLLISION CENTER	1855 CHURCH STREET	A M'S AUTO REPAIRS INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/4/2017	STARK AUTO BODY REPAIR	209 W 25TH STREET	OCEANSIDE EXECUTIVE TRANSPORTATION	485310.00	Taxi	58	EAST 21st STREET / MONTICELLO
	2017	5/4/2017	ALPINE MOTOR SPORTS LLC	220 E 25TH STREET	EGEE INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	BAUM'S SERVICE CENTER	220 W 25TH STREET	RICKS, RODNEY	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	FIRESTONE COMPLETE AUTO CARE #3956	222 W 21ST STREET	WARD, CHRYSTAL	812910.00	Pet Services (not Veterinary)	58	EAST 21st STREET / MONTICELLO
	2017	5/4/2017	BOYD AUTOMOTIVE CENTER	240 W 25TH STREET	BAZEMORE, LLOYD L	811121.00	Auto Body & Paint Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/4/2017	COASTAL IMPORT REPAIR LTD	240 W 25TH STREET	MUDSLIDE MOTORSPORTS LLC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/4/2017	PRO'S AUTO REPAIR	240 W 25TH STREET	MUDSLIDE MOTORSPORTS LLC	441120.00	Used Car Dealer	58	EAST 21st STREET / MONTICELLO
	2017	5/5/2017	A M'S AUTO REPAIRS INC	245 W 24TH STREET	MARTIN'S AUTO REPAIR INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/8/2017	MIDWAY RADIATOR	2501 FAWN STREET	RECYCLING PERKS LLC	562998.00	Misc Waste Management	58	EAST 21st STREET / MONTICELLO
	2017	5/2/2017	FRANKIE TIRE & AUTO SERVICES	2610 CHURCH STREET	YONO BROTHERS LLC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/2/2017	MARTIN'S AUTO REPAIR	312 18TH STREET	CRYBABYS TOWING RECOVERY LLC	488410.00	Tow Truck Services	58	EAST 21st STREET / MONTICELLO
	2017	5/2/2017	HOWELL'S HOBBIE SHOP	312 18TH STREET	HAMPTON ROADS RECOVERY SERVICES LLC	488410.00	Tow Truck Services	58	EAST 21st STREET / MONTICELLO
	2017	5/5/2017	YONO BROTHERS LLC	403 W 24TH STREET	BOYD, ROBERT C III	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/3/2017	MUDSLIDE MOTORSPORTS	422 W 21ST STREET	COASTAL IMPORT REPAIR LTD	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/5/2017	EMERSON Z GARLAND	430 W 24TH STREET	GARLAND, EMERSON Z	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/6/2017	GHENT FOOD MART	727 E 26TH STREET	BAUM'S SERVICE CENTER INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2017	5/6/2017	HAPPY SHOPPER #25	727 E 26TH STREET	BAUM'S SERVICE CENTER INC	441120.00	Used Car Dealer	58	EAST 21st STREET / MONTICELLO
	2017	5/4/2017	FRANKIE TIRE & AUTO SERVICES	737 E 23RD STREET	POP TS TIRES & RIMS LLC	441320.00	Tire Dealers	58	EAST 21st STREET / MONTICELLO
	2017	5/4/2017	PTT & R POP T'S TIRES & RIMS	742 E 25TH STREET	FOREVER HOME REHABILITATION & TRAINING CENTER INC	812910.00	Pet Services (not Veterinary)	58	EAST 21st STREET / MONTICELLO
	2017	5/4/2017	BAUM'S SERVICE CENTER	744 E 25TH STREET	STARK INC	811121.00	Auto Body & Paint Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/4/2017	MUDSLIDE MOTORSPORTS	816 E 25TH STREET	HOWELL, MARQUE D	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/4/2017	OCEANSIDE TAXI	816 E 25TH STREET	WATERSIDE TAXI CO INC	485310.00	Taxi	58	EAST 21st STREET / MONTICELLO
	2017	5/4/2017	WATERSIDE TAXI CO	816 E 25TH STREET	RAHMING, HENRY	485310.00	Taxi	58	EAST 21st STREET / MONTICELLO
	2017	5/6/2017	HAPPY HENRY CABBY	818 E 26TH STREET	MAXES INC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	5/6/2017	CRYBABYS TOWING RECOVERY	818 E 26TH STREET	MAXES INC	441320.00	Tire Dealers	58	EAST 21st STREET / MONTICELLO
	2017	5/8/2017	HAMPTON ROADS RECOVERY SERVICES	856 GRANBY STREET	BRIDGESTONE RETAIL OPERATIONS LLC	811111.00	General Automotive Repair	58	EAST 21st STREET / MONTICELLO
	2017	2/28/2017	CHARLES WITH THE GOLDEN TOUCH LLC	3203 E PRINCESS ANNE RD	CHARLES WITH THE GOLDEN TOUCH LLC	811192.00	Car Wash	73	INDUSTRIAL PARK
	2017	2/20/2017	TRADEBE TREATMENT & RECYCLING OF TENNESSEE	1333 AZALEA GARDEN RD	TRADEBE TREATMENT & RECYCLING OF TENNESSEE LLC	562998.00	Misc Waste Management	73	INDUSTRIAL PARK
	2017	2/28/2017	ENTERPRISE RENT-A-CAR	3375 E PRINCESS ANNE RD	ENTERPRISE LEASING CO OF NFLK/RICH	532111.00	Passenger Car Rental	73	INDUSTRIAL PARK
	2017	2/22/2017	ELITE AUTO BODY	1384 INGLESIDE RD	ELITE AUTO BODY INC	811121.00	Auto Body & Paint Repair	73	INDUSTRIAL PARK
	2017	2/28/2017	COLONY TIRE CORPORATION	3749 PROGRESS RD	COLONY TIRE CORPORATION	811111.00	General Automotive Repair	73	INDUSTRIAL PARK
	2017	2/22/2017	NORFOLK IDEALEASE	1146 INGLESIDE RD	RUSH TRUCK LEASING INC	811111.00	General Automotive Repair	73	INDUSTRIAL PARK
	2017	2/21/2017	COLONY TIRE CORPORATION	3749 PROGRESS RD	COLONY TIRE CORPORATION	441320.00	Tire Dealers	73	INDUSTRIAL PARK
	2017	2/21/2017	BAY DISPOSAL INC	1384 INGLESIDE RD	BAY DISPOSAL INC	562111.00	Solid Waste Collection	73	INDUSTRIAL PARK
	2017	2/27/2017	FIVE STAR UNDERCAR LLC	1164 KINGWOOD AVE	FIVE STAR UNDERCAR LLC	423110.00	Auto Sales Wholesale	73	INDUSTRIAL PARK
	2017	2/25/2017	AMERICAN TIRE DISTRIBUTORS INC	4554 PROGRESS RD	AMERICAN TIRE DISTRIBUTION INC	423130.00	Tires & Tubes Wholesale	73	INDUSTRIAL PARK
	2017	2/22/2017	CARROLL TIRE CO	3499 INVENTORS RD	CARROLL'S LLC	423130.00	Tires & Tubes Wholesale	73	INDUSTRIAL PARK
	2017	2/21/2017	CAMSO USA INC	1360 INGLESIDE RD	CAMSO USA INC	423130.00	Tires & Tubes Wholesale	73	INDUSTRIAL PARK
	2017	2/21/2017	COLONY TIRE CORPORATION	3749 PROGRESS RD	COLONY TIRE CORPORATION	423130.00	Tires & Tubes Wholesale	73	INDUSTRIAL PARK
	2017	2/23/2017	H F ENTERPRISES INC	1302 INGLESIDE ROAD	H F ENTERPRISES INC	532112.00	Passenger Car Leasing	73	INDUSTRIAL PARK
	2017	2/22/2017	MOBILE PREVENTATIVE MAINTENANCE INC	1006 BALLENTINE BLVD	MOBILE PREVENTATIVE MAINTENANCE INC	811111.00	General Automotive Repair	73	INDUSTRIAL PARK
	2017	2/22/2017	TRUCK FLEET REPAIR	1422 BALLENTINE BLVD	TRUCK FLEET PARTS LTD	811111.00	General Automotive Repair	73	INDUSTRIAL PARK
	2017	2/22/2017	A GOFF LIMO.COM LLC	1114 BALLENTINE BLVD	A GOFF LIMO.COM LLC	485320.00	Limousine Services	73	INDUSTRIAL PARK
VAR050366	2017	2/17/2017	General Foam Plastics Corporation	3321 E Princess Anne Road				73	INDUSTRIAL PARK
VAR052006	2017	2/24/2017	Norfolk City - Div of Waste Mgmt- Pineridge	1176 Pineridge Road				73	INDUSTRIAL PARK
VAR052171	2017	2/28/2017	Port Norfolk Commodity Warehouse	1157 Production Road				73	INDUSTRIAL PARK
	2018		ROGER'S	2310 GOSNOLD AVE	GASKINS, ROGER	441320.00	Tire Dealers	57	WEST 21st STREET
	2018		SOAPS-N-SUDS AUTO SPA	810 W 25TH STREET	COLLEY MANAGEMENT CO INC	811192.00	Car Wash	57	WEST 21st STREET
	2018		WAGS DOGGIE DAY CARE	950 W 21ST STREET	SANDY HOLDINGS LLC	812910.00	Pet Services (not Veterinary)	57	WEST 21st STREET
	2018		BODYMAN'S AUTO BODY & PAINTING II	727 W 25TH STREET	BODYMAN'S AUTO BODY & PAINTING LLC	811121.00	Auto Body & Paint Repair	57	WEST 21st STREET
	2018		MIZELLES & RAYS COLLISION CTR INC	1012 W 26TH STREET	MIZELLES & RAYS COLLISION CTR INC	811121.00	Auto Body & Paint Repair	57	WEST 21st STREET
	2018		DRS AUTOMOTIVE FANTOMWORKS INC	2400 HAMPTON BOULEVARD	DRS FANTOMWORKS LLC	811111.00	General Automotive Repair	57	WEST 21st STREET
	2018		JIM'S AUTO SERVICE INC	506 W 25TH STREET	JIMS AUTO SERVICE INC	811111.00	General Automotive Repair	57	WEST 21st STREET
	2018		FLATLANDERS MEDIA BLASTING	916 W 25TH STREET	WTF INDUSTRIES LLC	811111.00	General Automotive Repair	57	WEST 21st STREET
	2018		HURDLE'S FRONT END & FRAME	636 W 25TH STREET	HURDLE AUTO & TOWING INC	811111.00	General Automotive Repair	57	WEST 21st STREET
	2018		BODYMAN'S AUTO BODY & PAINTING	626 W 25TH STREET	BODYMAN'S AUTO BODY & PAINTING LLC	811111.00	General Automotive Repair	57	WEST 21st STREET
	2018		7-ELEVEN STORE #33533A	1088 W 26TH STREET	BAIG, SHAGUFTA	447110.00	Gas Station @ Convenience Store	57	WEST 21st STREET
	2018		ZION AUTO BODY AND EXPORT	622 W 25TH STREET	ORENUGA, ABOLAWOLE	441120.00	Used Car Dealer	57	WEST 21st STREET
	2018		B & H SALES CORP	2309 HAMPTON BOULEVARD	B & H SALES CORP	562111.00	Solid Waste Collection	57	WEST 21st STREET
	2018		ANDYS CAB CO	523 W 24TH STREET	ANDYS CAB CO	485310.00	Taxi	57	WEST 21st STREET
	2018		EDEN CAB CO INC	633 W 24TH STREET	EDEN CAB CO INC	485310.00	Taxi	57	WEST 21st STREET
	2018		SOUTHSIDE CAB CO	633 W 24TH STREET	SOUTHSIDE CAB CO	485310.00	Taxi	57	WEST 21st STREET
	2018		JENNINGS G MCQUERREY	523 W 24TH STREET	MCQUERREY, JENNINGS G	485310.00	Taxi	57	WEST 21st STREET
VAR050399	2018	3/27/2017	Dubin Metals Incorporated	2330 Bowdens Ferry Road				57	WEST 21st STREET
VAR051847	2018	3/13/2017	L Chenman Incorporated	619 W 24th Street				57	WEST 21st STREET
	2018		FISCHER'S AUTO BODY & AUTO ART	1170 LANCE RD	BAD ENOUGH INC	811111.00	General Automotive Repair	86	CROWN POINT
	2018		GLENROCK RADIATOR SERVICE INC	5552 E VIRGINIA BEACH BLVD	GLENROCK RADIATOR SERVICE INC	811111.00	General Automotive Repair	86	CROWN POINT
	2018		JOHNSON'S RV SERVICE CENTER	5572 RABY RD	JOHNSON'S RV SERVICE CENTER INC	811111.00	General Automotive Repair	86	CROWN POINT
	2018		SPRING MENDERS INC	5580 RABY RD	SPRING MENDERS INC	811111.00	General Automotive Repair	86	CROWN POINT
	2018		TRUCK REFRIGERATION REPAIR INC	1160 LANCE RD	TRUCK REFRIGERATION REPAIR INC	811111.00	General Automotive Repair	86	CROWN POINT
	2018		PROFESSIONAL CERTIFIED AUTOMOTIVE	5334 E VIRGINIA BEACH BLVD	MERRITT, GERALD M	811111.00	General Automotive Repair	86	CROWN POINT
	2018		IMPORT CYCLE CENTER	5328 E VIRGINIA BEACH BLVD	IMPORT CYCLE CENTER LLC	811111.00	General Automotive Repair	86	CROWN POINT
	2018		58 EAST AUTO REPAIR & BODY WORK	5622 E VIRGINIA BEACH BLVD	AGUILAR AGUILAR, JOSE A	811111.00	General Automotive Repair	86	CROWN POINT
	2018		INTERNATIONAL AUTOMOTIVE SERVICES LLC	1179 LANCE RD	INTERNATIONAL AUTOMOTIVE SERVICES LLC	811111.00	General Automotive Repair	86	CROWN POINT
	2018		TMI TRUCK & EQUIPMENT	5640 RABY RD	TIDEWATER MACK INC	811111.00	General Automotive Repair	86	CROWN POINT
	2018		B & L AUTO REPAIR	5595 RABY RD	B & L AUTO REPAIR LLC	811111.00	General Automotive Repair	86	CROWN POINT
	2018		7-ELEVEN STORE #19119A	5520 RABY RD	BHATTI, MANPREET	447110.00	Gas Station @ Convenience Store	86	CROWN POINT
	2018		7-ELEVEN 33387A	1301 N MILITARY HWY	FISCHER ENTERPRISES INC	447190.00	Gas Stations	86	CROWN POINT
	2018		TMI TRUCK & EQUIPMENT	5640 RABY RD	TIDEWATER MACK INC	441120.00	Used Car Dealer	86	CROWN POINT
	2018		JACK'S TOWING	1114 HARMONY RD	S & E INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018		DALE OLD WRECKER SERVICE INC	5575 SABRE RD	DALE OLD WRECKER SERVICE INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018		ANNA'S TOWING OF VIRGINIA INC	5575 SABRE RD	ANNA'S TOWING OF VIRGINIA INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018		CENTURY TOWING SERVICE INC	5575 SABRE RD	CENTURY TOWING SERVICE INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018		TURNER'S TOWING	5575 SABRE RD	ZEKE'S AUTO PARTS & SERVICE INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018		PETE'S TOWING OF NORFOLK INC	5575 SABRE RD	PETE'S TOWING OF NORFOLK INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018		MASTER'S TOWING OF NORFOLK INC	5575 SABRE RD	MASTER'S TOWING OF NORFOLK INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018		JEFF'S TOWING OF NORFOLK INC	5575 SABRE RD	JEFF'S TOWING OF NORFOLK INC	488410.00	Tow Truck Services	86	CROWN POINT
	2018		SSS CAR WASH	908 E LITTLE CREEK RD	GMK CORP	811192.00	Car Wash	15	NORTH CHESAPEAKE BLVD.
	2018		A-1 MOBILE DOG GROOMING	904 NEWELL AVE	SWANSON, TODD	812910.00	Pet Services (not Veterinary)	15	NORTH CHESAPEAKE BLVD.

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2018		AT THE CURB LLC	834 LESNER AVE	AT THE CURB LLC	812910.00	Pet Services (not Veterinary)	15	NORTH CHESAPEAKE BLVD.
	2018		AFFORDABLE AUTO BODY & REPAIR	7917 WESTCLIFF DR	PARKER, KENNETH J	811121.00	Auto Body & Paint Repair	15	NORTH CHESAPEAKE BLVD.
	2018		AUDIO ONE	894 E LITTLE CREEK RD	AUDIO PROS INC	811111.00	General Automotive Repair	15	NORTH CHESAPEAKE BLVD.
	2018		A & M MOBILE REPAIR	884 E LITTLE CREEK RD	A & M MOBILE REPAIR INC	811111.00	General Automotive Repair	15	NORTH CHESAPEAKE BLVD.
	2018		J & M TIRE WORLD	872 E LITTLE CREEK RD	PBM INC	811111.00	General Automotive Repair	15	NORTH CHESAPEAKE BLVD.
	2018		MANNING'S AUTO REPAIR MOBILE	894 E LITTLE CREEK RD	MANNING, SAMUEL L	811111.00	General Automotive Repair	15	NORTH CHESAPEAKE BLVD.
	2018		SURFSIDE AUTO CO	894 E LITTLE CREEK RD	SURFSIDE AUTO CO	811111.00	General Automotive Repair	15	NORTH CHESAPEAKE BLVD.
	2018		BAVARIAN AUTO	892 E LITTLE CREEK RD	BAVARIAN AUTO LLC	811111.00	General Automotive Repair	15	NORTH CHESAPEAKE BLVD.
	2018		HOLLIDAY FOOD MART	8338 TIDEWATER DR	KRUTI INC	447110.00	Gas Station @ Convenience Store	15	NORTH CHESAPEAKE BLVD.
	2018		BEACH AUTO BROKERS INC	940 E LITTLE CREEK RD	BEACH AUTO BROKERS INC	441110.00	New Car Dealer	15	NORTH CHESAPEAKE BLVD.
	2018		INSTANT AUTO LOANS	930 E LITTLE CREEK RD	G & H SALES ASSOCIATES INC	441120.00	Used Car Dealer	15	NORTH CHESAPEAKE BLVD.
	2018		AUTO EXPO	7912 ARDMORE RD	AUTO EXPO OF VIRGINIA INC	441120.00	Used Car Dealer	15	NORTH CHESAPEAKE BLVD.
	2018		EROL BASHEKIMOGLU	834 LESNER AVE	BASHEKIMOGLU, EROL	441120.00	Used Car Dealer	15	NORTH CHESAPEAKE BLVD.
	2018		SURFSIDE AUTO CO	946 E LITTLE CREEK RD	SURFSIDE AUTO CO	441120.00	Used Car Dealer	15	NORTH CHESAPEAKE BLVD.
	2018		CHARLES BAKER JEEP HONDA	940 E LITTLE CREEK RD	CHARLES BAKER JEEP HONDA LLC	441120.00	Used Car Dealer	15	NORTH CHESAPEAKE BLVD.
	2018		J & M TIRE WORLD	872 E LITTLE CREEK RD	PBM INC	423130.00	Tires & Tubes Wholesale	15	NORTH CHESAPEAKE BLVD.
	2018		SUPER SPRAY CAR WASH	7927 CHESAPEAKE BLVD	GMK CORP	811192.00	Car Wash	15	NORTH CHESAPEAKE BLVD.
	2018		EAGLE AUTO RENTALS	900 E LITTLE CREEK RD	RAY'S AUTO SALES INC	532111.00	Passenger Car Rental	15	NORTH CHESAPEAKE BLVD.
	2018		AUTO CARE & TRUCK	7916 BECKET STREET	SMB CONTRACTORS LLC	811111.00	General Automotive Repair	15	NORTH CHESAPEAKE BLVD.
	2018		CORNER MART	7900 CHESAPEAKE BOULEVARD	ITTIFAQ INC	447110.00	Gas Station @ Convenience Store	15	NORTH CHESAPEAKE BLVD.
	2018		CORNER MART	7900 CHESAPEAKE BLVD	ITTIFAQ INC	447190.00	Gas Stations	15	NORTH CHESAPEAKE BLVD.
	2018		YOUR KAR CO INC	7912 BECKET STREET	YOUR KAR CO INC	441120.00	Used Car Dealer	15	NORTH CHESAPEAKE BLVD.
	2018		GREEN CLEAN AUTO WASH	501 E LITTLE CREEK RD	GREEN CLEAN LLC	811192.00	Car Wash	24	SOUTHERN SHOPPING CENTER
	2018		BESTWAYS AUTO	933 E LITTLE CREEK RD	BESTWAYS AUTO LLC	532112.00	Passenger Car Leasing	24	SOUTHERN SHOPPING CENTER
	2018		AUTO BRAKE CORP	7512 AVENUE J	AUTO BRAKE CORP	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018		FIRESTONE COMPLETE AUTO CARE #3960	7808 N MILITARY HWY	BRIDGESTONE RETAIL OPERATIONS LLC	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018		HARTMAN'S AUTO SERVICE	7913 TIDEWATER DR	HARTMAN, ROBERT E	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018		TREADQUARTERS # 1039	7813 N MILITARY HWY	MONRO MUFFLER BRAKE INC	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018		COMPUTUNE	630 E LITTLE CREEK RD	PRT INC	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018		TUNE UP PLUS	818 E LITTLE CREEK RD	COLD SPY ON THE INSIDE LLC	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018		LITTLE CREEK TIRE & AUTO SERVICES	901 E LITTLE CREEK RD	HOSSIAN, SYED M & JESMIN, MILI	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018		SAM'S CLUB #4733	741 E LITTLE CREEK RD	SAM'S EAST INC	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018		WAWA #8604	975 E LITTLE CREEK RD	WAWA INC	447110.00	Gas Station @ Convenience Store	24	SOUTHERN SHOPPING CENTER
	2018		7-ELEVEN 23345B	800 E LITTLE CREEK RD	DIPRIYA INC	447110.00	Gas Station @ Convenience Store	24	SOUTHERN SHOPPING CENTER
	2018		HARIT SHELL STATION	7501 TIDEWATER DR	HARIT CORPORATION	447190.00	Gas Stations	24	SOUTHERN SHOPPING CENTER
	2018		R & R MOTOR CO	919 E LITTLE CREEK RD	R & R MOTOR CO INC	441110.00	New Car Dealer	24	SOUTHERN SHOPPING CENTER
	2018		TREADQUARTERS # 1039	7813 N MILITARY HWY	MONRO MUFFLER BRAKE INC	441320.00	Tire Dealers	24	SOUTHERN SHOPPING CENTER
	2018		RNR CUSTOM WHEELS AND TIRES	818 E LITTLE CREEK RD	RNR OF VIRGINIA LLC	441320.00	Tire Dealers	24	SOUTHERN SHOPPING CENTER
	2018		LITTLE CREEK TIRE & AUTO SERVICES	901 E LITTLE CREEK RD	HOSSIAN, SYED M & JESMIN, MILI	441320.00	Tire Dealers	24	SOUTHERN SHOPPING CENTER
	2018		PTT & R POP T'S TIRES & RIMS	1327 E LITTLE CREEK RD	POP TS TIRES & RIMS LLC	441320.00	Tire Dealers	24	SOUTHERN SHOPPING CENTER
	2018		AUTOVISION LLC	951 E LITTLE CREEK RD	AUTOVISION LLC	441120.00	Used Car Dealer	24	SOUTHERN SHOPPING CENTER
	2018		D MOTORS LLC	881 E LITTLE CREEK RD	D MOTORS LLC	441120.00	Used Car Dealer	24	SOUTHERN SHOPPING CENTER
	2018		R & R MOTOR CO	919 E LITTLE CREEK RD	R & R MOTOR CO INC	488410.00	Tow Truck Services	24	SOUTHERN SHOPPING CENTER
	2018		MEGA TOWING & RECOVERING	1301 E LITTLE CREEK RD	MEGA TOWING & RECOVERING LLC	488410.00	Tow Truck Services	24	SOUTHERN SHOPPING CENTER
	2018		PERFORMANCE UNLIMITED	7520 AVENUE J	J R RACING INC	423110.00	Auto Sales Wholesale	24	SOUTHERN SHOPPING CENTER
	2018		O'REILLY AUTO PARTS #3929	860 E LITTLE CREEK RD	O'REILLY AUTOMOTIVE STORES INC	423110.00	Auto Sales Wholesale	24	SOUTHERN SHOPPING CENTER
	2018		TREAD QUARTERS	1117 E LITTLE CREEK RD	MONRO MUFFLER BRAKE INC	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018		CARMASTERS AUTOMOTIVE	931 E LITTLE CREEK RD	CARMASTERS AUTOMOTIVE LLC	811111.00	General Automotive Repair	24	SOUTHERN SHOPPING CENTER
	2018		STYLN CAR WASH	3300 E PRINCESS ANNE RD	WALL, DEVON A	811192.00	Car Wash	74	CROMWELL ROAD INDUSTRIAL
	2018		EAST COAST TRUCK & AUTO BODY INC	2630 WYOMING AVE	EAST COAST TRUCK & AUTO BODY INC	811121.00	Auto Body & Paint Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		BILL HILL'S NORVIEW BODY SHOP	2641 FLORIDA AVE	HILL, WILLIAM D	811121.00	Auto Body & Paint Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		COLLISION REPAIR CTR OF NRFK LLC	2404 CROMWELL RD	COLLISION REPAIR CTR OF NRFK LLC	811121.00	Auto Body & Paint Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		JFH AUTO BODY & GLASS	2704 CROMWELL RD	HENDRICKS, JOHN F	811121.00	Auto Body & Paint Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		TNR AUTO	3514 ARGONNE AVE	TNR ENTERPRISES INC	811118.00	Auto Mechanical & Electrical Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		EASTERN AUTOWERKS	2308 INGLESIDE RD	EASTERN AUTOWERKS INC	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		JM AUTO & TRUCK REPAIR INC	3340 CROMWELL DR	J M AUTO & TRUCK REPAIR INC	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		ACTION AUTO & TRUCK REPAIR	3518 ARGONNE AVE	OAKEY, ROY V	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		FLEET SERVICES	2636 FLORIDA AVE	WILLIAMS, JAMES H & WILLIAMS, DIAN	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		WILLIAM'S TRANSMISSIONS & AUTO REPAIR	2700 CROMWELL RD	WILLIAMS, CORETHIOUS	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		OUTLAW'S ROD & CUSTOM LLC	2712 WYOMING AVE	OUTLAW'S ROD & CUSTOM LLC	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		KEITH MARTIN AUTOMOTIVE	2444 ALABAMA AVE	MARTIN, KEITH	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		TALENTED AUTOMOTIVE	2609 NEVADA AVE	LECROY, AMY L	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		HIGH IMPACT PERFORMANCE AUTO BODY REPAIR & DETAIL	2701 ARKANSAS AVE	TAYLOR, TERRANCE T	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		TIDEWATER FLEET SERVICES LLC	2700 NEVADA AVE	TIDEWATER FLEET SERVICES LLC	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		THE MOBILE MAN AUTO REPAIR SERVICE	2638 FLORIDA AVE	POUNDS, RONALD	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		WAWA	3350 E PRINCESS ANNE RD	WAWA INC	447110.00	Gas Station @ Convenience Store	74	CROMWELL ROAD INDUSTRIAL
	2018		TNR AUTO	3514 ARGONNE AVE	TNR ENTERPRISES INC	441120.00	Used Car Dealer	74	CROMWELL ROAD INDUSTRIAL
	2018		DUKE'S CAB CO	2607 WYOMING AVE	DUKE'S CAB CO	485310.00	Taxi	74	CROMWELL ROAD INDUSTRIAL
	2018		EASTSIDE CAB CO	2613 NEVADA AVE	EASTSIDE CAB CO	485310.00	Taxi	74	CROMWELL ROAD INDUSTRIAL
	2018		C/O DUKE'S CAB CO	2607 WYOMING AVE	MALIK, SHAUKAT	485310.00	Taxi	74	CROMWELL ROAD INDUSTRIAL
	2018		J D'S A1 TOWING & SALVAGE	2433 FLORIDA AVE	MARRS, JAMES D	488410.00	Tow Truck Services	74	CROMWELL ROAD INDUSTRIAL
	2018		AFFORDABLE TOWING AND RECOVERY OF NORFOLK INC	2424 CROMWELL RD	AFFORDABLE TOWING & RECOVERY OF NOR	488410.00	Tow Truck Services	74	CROMWELL ROAD INDUSTRIAL
	2018		D & M AUTO RECOVERY	2707 ARKANSAS AVE	GUENTHER, ODELL A	488410.00	Tow Truck Services	74	CROMWELL ROAD INDUSTRIAL

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2018		FRAZIER AUTOMOTIVE SERVICES LLC	3200 TAIT TERRACE	FRAZIER AUTOMOTIVE SERVICES LLC	811111.00	General Automotive Repair	74	CROMWELL ROAD INDUSTRIAL
	2018		7-ELEVEN #2511-24624A	3235 CHESAPEAKE BOULEVARD	MILLER, GARY	447110.00	Gas Station @ Convenience Store	74	CROMWELL ROAD INDUSTRIAL
VAR051844	2018	2/17/2017: NA,	EHA Abrasives, LLC	3306 Peterson Street				74	CROMWELL ROAD INDUSTRIAL
VAR052167	2018	7/13/2017: Shee	Mid-Atlantic Recycling Solutions, LLC	3307 Hanbury Street				74	CROMWELL ROAD INDUSTRIAL
VAR050352	2018		Virginia-Carolina Steel Incorporated	2411 Ingleside Road				74	CROMWELL ROAD INDUSTRIAL
	2018		RYDER TRANSPORTATION SERVICES	4600 E PRINCESS ANNE RD	RYDER TRUCK RENTAL INC	532111.00	Passenger Car Rental	49	COLEMAN PLACE
	2018		THE NEW GRAY'S BODY SHOP	1531 AZALEA GARDEN RD	J & R ENTERPISE INC	811121.00	Auto Body & Paint Repair	49	COLEMAN PLACE
	2018		RUSH AUTO REPAIR	4637 KINCAID AVE	CAPERS, CLINT	811118.00	Auto Mechanical & Electrical Repair	49	COLEMAN PLACE
	2018		COFFEYS BODY SHOP INC	1556 AZALEA GARDEN RD	COFFEYS BODY SHOP INC	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018		HENRY FORD'S USED AUTO SALES	1579 SEWELLS POINT RD	HENRY FORD ENTERPRISES INC	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018		STAKES ENTERPRISES INC	2428 FLORIDA AVE	STAKES ENTERPRISES INC	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018		WARREN AUTO REPAIR	1553 AZALEA GARDEN RD	WARREN, BRUCE ALLEN	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018		POOR TONYS TRANSMISSION SHOP	1551 AZALEA GARDEN RD	POOR TONYS INC	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018		BARRY LEE'S AUTOMOTIVE	1518 AZALEA GARDEN RD	WEATHERSPOON, BARRY K	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018		D & W AUTO WORKS	1531 AZALEA GARDEN RD	COMBRE, WALTER	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018		INDUSTRIAL PARK EXXON	4528 E PRINCESS ANNE RD	OKEY CORP	447110.00	Gas Station @ Convenience Store	49	COLEMAN PLACE
	2018		PRINCESS ANNE SHELL	3502 E PRINCESS ANNE RD	TRISHAKTI LLC	447110.00	Gas Station @ Convenience Store	49	COLEMAN PLACE
	2018		HENRY FORD'S USED AUTO SALES	1579 SEWELLS POINT RD	HENRY FORD ENTERPRISES INC	441120.00	Used Car Dealer	49	COLEMAN PLACE
	2018		A-1 MOTORS	1579 SEWELLS POINT RD	A-1 QUALITY SERVICES LLC	441120.00	Used Car Dealer	49	COLEMAN PLACE
	2018		BLACKOUT XCLUSIVE CAR CARE	1567 EARLY STREET	TIDEWATER BROTHERS LLC	811192.00	Car Wash	49	COLEMAN PLACE
	2018		TURK'S MOBILE CAR WASH	1534 HEMLOCK STREET	MATTHEW, TERRELL D	811192.00	Car Wash	49	COLEMAN PLACE
	2018		ANTIFREEZE RECYCLERS INC	1537 EARLY STREET	ANTIFREEZE RECYCLERS INC	562998.00	Misc Waste Management	49	COLEMAN PLACE
	2018		ROOSEVELT HATCH AUTO SERVICE INC	1553 ALDER STREET	ROOSEVELT HATCH AUTO SERVICE INC	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018		BRAKE MASTERS	1560 EARLY STREET	ORE, DALE T JR	811111.00	General Automotive Repair	49	COLEMAN PLACE
	2018		ENTERPRISE RENT-A-CAR	1361 E LITTLE CREEK RD	ENTERPRISE LEASING CO OF NFLK/RICH	532112.00	Passenger Car Leasing	21	LARRYMORE
	2018		BYNUM'S WELDING & AUTO REPAIR	7418 N MILITARY HWY	BYNUM, LARRY	811111.00	General Automotive Repair	21	LARRYMORE
	2018		BO'S TIRES AND RIMS	1871 E LITTLE CREEK RD	BO'S TIRES INC	811111.00	General Automotive Repair	21	LARRYMORE
	2018		BAY AUTOMOTIVE CORPORATION	6970 N MILITARY HWY	BAY AUTOMOTIVE CORPORATION	811111.00	General Automotive Repair	21	LARRYMORE
	2018		FREEDOM FORD INC	7520 N MILITARY HWY	FREEDOM FORD INC	811111.00	General Automotive Repair	21	LARRYMORE
	2018		AMR-CAR ELECTRIC	7418 N MILITARY HWY	HOLLOMAN, JAMES HENRY	811111.00	General Automotive Repair	21	LARRYMORE
	2018		MERCHANT'S TIRE & AUTO #386	7400 N MILITARY HWY	MERCHANT'S LLC	811111.00	General Automotive Repair	21	LARRYMORE
	2018		SUNRISE AUTO & CYCLE SALES	1559 E LITTLE CREEK RD	SUNRISE AUTO & CYCLE SALES INC	811111.00	General Automotive Repair	21	LARRYMORE
	2018		AUTOSTAR ENTERPRISES	7418 N MILITARY HWY	W & C LTD	811111.00	General Automotive Repair	21	LARRYMORE
	2018		ACCURATE TUNE PLUS	1345 E LITTLE CREEK RD	WET AUTOMOTIVE SERVICES INC	811111.00	General Automotive Repair	21	LARRYMORE
	2018		C & E AUTO	7044 N MILITARY HWY	BROWN, JAMES JR	811111.00	General Automotive Repair	21	LARRYMORE
	2018		ACTION AUTO SPECIALIST	6970 N MILITARY HWY	BPGI LLC	811111.00	General Automotive Repair	21	LARRYMORE
	2018		7-ELEVEN STORE #22667A	1511 E LITTLE CREEK RD	PRICE, FELICITAS L	447190.00	Gas Stations	21	LARRYMORE
	2018		ENTERPRISE RENT-A-CAR	7436 N MILITARY HWY	ENTERPRISE LEASING CO OF NFLK/RICH	441110.00	New Car Dealer	21	LARRYMORE
	2018		BO'S TIRES AND RIMS	1871 E LITTLE CREEK RD	BO'S TIRES INC	441320.00	Tire Dealers	21	LARRYMORE
	2018		MERCHANT'S TIRE & AUTO #386	7400 N MILITARY HWY	MERCHANT'S LLC	441320.00	Tire Dealers	21	LARRYMORE
	2018		BAY AUTOMOTIVE CORPORATION	6970 N MILITARY HWY	BAY AUTOMOTIVE CORPORATION	441120.00	Used Car Dealer	21	LARRYMORE
	2018		FREEDOM FORD INC	7520 N MILITARY HWY	FREEDOM FORD INC	441120.00	Used Car Dealer	21	LARRYMORE
	2018		SUNRISE AUTO & CYCLE SALES	1559 E LITTLE CREEK RD	SUNRISE AUTO & CYCLE SALES INC	441120.00	Used Car Dealer	21	LARRYMORE
	2018		MOTOR MAX LLC	6630 N MILITARY HWY	MOTOR MAX LLC	441120.00	Used Car Dealer	21	LARRYMORE
	2018		PRIORITY BUY HERE PAY HERE	7520 N MILITARY HWY	CENTRAL ATLANTIC SALES INC	441120.00	Used Car Dealer	21	LARRYMORE
	2018		7 CITIES AUTOS & CYCLES	7418 N MILITARY HWY	HAMPTON ROADS ONLINE BUSINESS LLC	441120.00	Used Car Dealer	21	LARRYMORE
	2018		ACTION AUTO SPECIALIST	6990 N MILITARY HWY	BPGI LLC	441120.00	Used Car Dealer	21	LARRYMORE
	2018		BAY AUTOMOTIVE CORPORATION	6970 N MILITARY HWY	BAY AUTOMOTIVE CORPORATION	423110.00	Auto Sales Wholesale	21	LARRYMORE
	2018		ENTERPRISE RENT-A-CAR	7436 N MILITARY HWY	ENTERPRISE LEASING CO OF NFLK/RICH	423110.00	Auto Sales Wholesale	21	LARRYMORE
	2018		FREEDOM FORD INC	7520 N MILITARY HWY	FREEDOM FORD INC	423110.00	Auto Sales Wholesale	21	LARRYMORE
	2018		PRIORITY BUY HERE PAY HERE	7520 N MILITARY HWY	CENTRAL ATLANTIC SALES INC	423110.00	Auto Sales Wholesale	21	LARRYMORE
	2018		GREEN CLEAN AUTO WASH	3401 N MILITARY HWY	GREEN CLEAN LLC	811192.00	Car Wash	46	NORVELLA
	2018		ENTERPRISE RENT-A-CAR	3561 N MILITARY HWY	ENTERPRISE LEASING CO OF NFLK/RICH	532111.00	Passenger Car Rental	46	NORVELLA
	2018		THE HERTZ CORP	3323 N MILITARY HWY	HERTZ CORP, THE	532111.00	Passenger Car Rental	46	NORVELLA
	2018		COPPOLA, CARMINE	3424 AZALEA GARDEN RD	COPPOLA, CARMINE	811118.00	Auto Mechanical & Electrical Repair	46	NORVELLA
	2018		SOUTHERN DCJR AT THE NORFOLK AIRPORT	2747 N MILITARY HWY	GREENBRIER OF VIRGINIA INC	811118.00	Auto Mechanical & Electrical Repair	46	NORVELLA
	2018		BIG ALS MUFFLERS & BRAKES	3501 N MILITARY HWY	ANZELL AUTOMOTIVE INC	811111.00	General Automotive Repair	46	NORVELLA
	2018		AZALEA AUTO BODY & SALES	5277 WINDERMERE AVE	AZALEA AUTO BODY SALES INC	811111.00	General Automotive Repair	46	NORVELLA
	2018		J & M TIRE WORLD	3635 N MILITARY HWY	PBM INC	811111.00	General Automotive Repair	46	NORVELLA
	2018		SOUTHERN FIAT OF NORFOLK	2747 N MILITARY HWY	SOUTHERN OF VIRGINIA LLC	811111.00	General Automotive Repair	46	NORVELLA
	2018		MOBILITY SUPERCENTER	3301 N MILITARY HWY	MOBILITY OF NORFOLK LLC	811111.00	General Automotive Repair	46	NORVELLA
	2018		TIRE CITY	3655 N MILITARY HWY	AFFORDABLE AUTO REPAIR & TIRE LLC	811111.00	General Automotive Repair	46	NORVELLA
	2018		SOUTHERN DCJR AT THE NORFOLK AIRPORT	2747 N MILITARY HWY	GREENBRIER OF VIRGINIA INC	441110.00	New Car Dealer	46	NORVELLA
	2018		SOUTHERN FIAT OF NORFOLK	2747 N MILITARY HWY	SOUTHERN OF VIRGINIA LLC	441110.00	New Car Dealer	46	NORVELLA
	2018		BUD'S USED TIRES & BRAKE SERVICE	3345 N MILITARY HWY	COOK ENTERPRISE INC	441320.00	Tire Dealers	46	NORVELLA
	2018		TIRE CITY	3655 N MILITARY HWY	AFFORDABLE AUTO REPAIR & TIRE LLC	441320.00	Tire Dealers	46	NORVELLA
	2018		LIFESTYLE MOTOR GROUP	3335 N MILITARY HWY	J & D AUTO INC	441120.00	Used Car Dealer	46	NORVELLA
	2018		STEVES AUTO SALES INC	3469 N MILITARY HWY	STEVES AUTO SALES INC	441120.00	Used Car Dealer	46	NORVELLA
	2018		SOUTH BEACH MOTORS	3625 N MILITARY HWY	SOUTH BEACH INTERNATIONAL LLC	441120.00	Used Car Dealer	46	NORVELLA
	2018		EASTERN AUTO	3535 N MILITARY HWY	SHINES IINTERNATIONAL LLC	441120.00	Used Car Dealer	46	NORVELLA
	2018		DYNASTY AUTO SALES	3615 N MILITARY HWY	DYNASTY AUTO SALES INC	441120.00	Used Car Dealer	46	NORVELLA
	2018		MANAMA AUTO SALES LLC	3625 N MILITARY HWY	MANAMA AUTO SALES LLC	441120.00	Used Car Dealer	46	NORVELLA
	2018		ELEGANTE AUTO SALES	3625 N MILITARY HWY	ELEGANTE AUTO SALES INC	441120.00	Used Car Dealer	46	NORVELLA

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2018		LPR INC OF VA	3455 AZALEA GARDEN RD	LPR INC OF VA	485999.00	All Other Passenger Transportation	46	NORVELLA
	2018		SOUTHERN DCJR AT THE NORFOLK AIRPORT	2747 N MILITARY HWY	GREENBRIER OF VIRGINIA INC	423110.00	Auto Sales Wholesale	46	NORVELLA
	2018		SOUTHERN FIAT OF NORFOLK	2747 N MILITARY HWY	SOUTHERN OF VIRGINIA LLC	423110.00	Auto Sales Wholesale	46	NORVELLA
	2018		J & M TIRE WORLD	3635 N MILITARY HWY	PBM INC	423130.00	Tires & Tubes Wholesale	46	NORVELLA
VAR051722	2018	3/9/2017	Heritage Crystal-Clean, LLC	5539 Faris Street	FCC ENVIRONMENTAL LLC	562998.00	Misc Waste Management	46	NORVELLA
VAR051722	2018		Heritage Crystal-Clean, LLC	5539 Faris Street	HERITAGE-CRYSTAL CLEAN LLC	562998.00	Misc Waste Management	46	NORVELLA
	2018		BAY CITY CLASSICS	3335 CROFT STREET	BAY CITY CLASSICS INC	811121.00	Auto Body & Paint Repair	46	NORVELLA
	2018		GARY'S TRANSMISSIONS	3309 CROFT STREET	GARY'S TRANSMISSION INC	811111.00	General Automotive Repair	46	NORVELLA
	2018		ALL CITY TOWING & RECOVERY INC	5511 FARIS STREET	ALL-CITY TOWING & RECOVERY INC	488410.00	Tow Truck Services	46	NORVELLA
	2018		WESTSIDE BODYWORKS OF NORFOLK	5511 FARIS STREET	ALL-CITY TOWING & RECOVERY INC	488410.00	Tow Truck Services	46	NORVELLA
VAR051722	2018		Heritage Crystal-Clean, LLC	5539 FARIS STREET				46	NORVELLA
VAR050295	2018		United Parcel Service Norfolk	3313 Croft Street				46	NORVELLA
	2018		CITY WIDE CABS LLC	1908 NORVIEW AVE	CITY WIDE CABS LLC	532112.00	Passenger Car Leasing	22	AZALEA
	2018		GOLDSTARR LIMOUSINES INC	3588 N MILITARY HWY	GOLDSTARR LIMOUSINES INC	532112.00	Passenger Car Leasing	22	AZALEA
	2018		AVIS RENT A CAR	1700 NORVIEW AVE	AVIS RENT A CAR SYSTEM LLC	532111.00	Passenger Car Rental	22	AZALEA
	2018		AVIS RENT A CAR SYSTEM LLC	3474 N MILITARY HWY	AVIS RENT A CAR SYSTEM LLC	532111.00	Passenger Car Rental	22	AZALEA
	2018		BUDGET RENT A CAR SYSTEM INC	1700 NORVIEW AVE	BUDGET RENT A CAR SYSTEM INC	532111.00	Passenger Car Rental	22	AZALEA
	2018		M & A FINANCIAL	3554 N MILITARY HWY	M & A INC	532111.00	Passenger Car Rental	22	AZALEA
	2018		PATRIOT RENTAL & REPAIR	3562 N MILITARY HWY	PATRIOT RENTAL & REPAIR LLC	532111.00	Passenger Car Rental	22	AZALEA
	2018		MILITARY SHELL	6110 N MILITARY HWY	MILITARY SHELL LLC	811118.00	Auto Mechanical & Electrical Repair	22	AZALEA
	2018		J & M TIRE WORLD	3310 N MILITARY HWY	PBM INC	811111.00	General Automotive Repair	22	AZALEA
	2018		AAMCO TRANSMISSIONS	3330 N MILITARY HWY	LOMAR CORP	811111.00	General Automotive Repair	22	AZALEA
	2018		BUD'S USED TIRES & BRAKE SERVICE	3358 N MILITARY HWY	COOK ENTERPRISE INC	811111.00	General Automotive Repair	22	AZALEA
	2018		PATRIOT RENTAL & REPAIR	3562 N MILITARY HWY	PATRIOT RENTAL & REPAIR LLC	811111.00	General Automotive Repair	22	AZALEA
	2018		AZALEA AUTO CARE	5720 AZALEA GARDEN RD	AZALEA AUTO CARE INC	811111.00	General Automotive Repair	22	AZALEA
	2018		AZALEA GARDEN BP	3506 N MILITARY HWY	TIDEWATER CONVENIENCE INC	447110.00	Gas Station @ Convenience Store	22	AZALEA
	2018		PAPCO INC	2750 N MILITARY HWY	PAPCO INC	447190.00	Gas Stations	22	AZALEA
	2018		7-ELEVEN #36998A	3650 N MILITARY HWY	TALHA CORP	447190.00	Gas Stations	22	AZALEA
	2018		PATRIOT AUTO SALES INC	3554 N MILITARY HWY	PATRIOT AUTO SALES INC	441110.00	New Car Dealer	22	AZALEA
	2018		BUD'S USED TIRES & BRAKE SERVICE	3358 N MILITARY HWY	COOK ENTERPRISE INC	441320.00	Tire Dealers	22	AZALEA
	2018		ALL CARS	5712 AZALEA GARDEN RD	ALL CARS INC	441120.00	Used Car Dealer	22	AZALEA
	2018		VARIETY MOTORS INC	3530 N MILITARY HWY	VARIETY MOTORS INC	441120.00	Used Car Dealer	22	AZALEA
	2018		TRIMAX AUTO GROUP	6400 N MILITARY HWY	TRIMAX AUTO GROUP INC	441120.00	Used Car Dealer	22	AZALEA
	2018		TRIMAX AUTO WHOLESALE	6400 N MILITARY HWY	TRIMAX AUTO WHOLESALE INC	423110.00	Auto Sales Wholesale	22	AZALEA
	2018		J & M TIRE WORLD	3310 N MILITARY HWY	PBM INC	423130.00	Tires & Tubes Wholesale	22	AZALEA
	2018		FAY'S TRANSPORTATION & CONCIERGE	2802 KIMBALL TERRACE	ATLANTIC COACH TRANSPORTATION LLC	485320.00	Limousine Services	72	CHESTERFIELD
VAR050370	2018		Branscome Inc - Norfolk - Westminster	3425 Westminster Avenue				72	CHESTERFIELD
	2018		SEWELLS POINT TIRE & AUTO REPAIR	3439 SEWELLS POINT RD	SEWELLS POINT TIRE & AUTO LLC	811111.00	General Automotive Repair	45	NORVIEW
	2018		H & S AUTOMOTIVE & TIRES & RIMS REPAIRS	2729 AZALEA GARDEN RD	LANGFORD, HENSON	811111.00	General Automotive Repair	45	NORVIEW
	2018		FIVE POINTS SHELL	1231 NORVIEW AVE	LITTLE TONY AUTO TECH LLC	811111.00	General Automotive Repair	45	NORVIEW
	2018		RACE COAST NORVIEW	1243 NORVIEW AVE	TANAY LLC	447110.00	Gas Station @ Convenience Store	45	NORVIEW
	2018		SEWELLS POINT AUTO SALES	3439 SEWELLS POINT RD	SEWELLS POINT TIRE & AUTO LLC	441120.00	Used Car Dealer	45	NORVIEW
	2018		VIP & CELEBRITY LIMOUSINES INC	3141 AZALEA GARDEN RD	VIP & CELEBRITY LIMOUSINES INC	485320.00	Limousine Services	45	NORVIEW
	2018		CHIPS AUTOMOTIVE REPAIR	5818 CHESAPEAKE BLVD	ANDERSON, JAMES W	811111.00	General Automotive Repair	45	NORVIEW
	2018		TOMMY'S COMPLETE AUTO SERVICE	5766 CHESAPEAKE BLVD	LITTLE, THOMAS	811111.00	General Automotive Repair	45	NORVIEW
	2018		FIVE POINTS BP	6135 CHESAPEAKE BLVD	TIDEWATER CONVENIENCE INC	447110.00	Gas Station @ Convenience Store	45	NORVIEW
	2018		GOLDEN LIMOUSINE	5820 CHESAPEAKE BLVD	STONE, WILLIAM MARTIN SR	485320.00	Limousine Services	45	NORVIEW
	2018		C/O NORFOLK CAB CO	4567 DORA CIRCLE	ALMOND, EARL L	485310.00	Taxi	45	NORVIEW
	2018		C/O NORVIEW CARS	1076 BLAND STREET	DAQUIOAG, LEONARDO	485310.00	Taxi	45	NORVIEW
	2018		ONE STOP FOOD MART #352	2338 E PRINCESS ANNE RD	J & M INVESTMENTS INC	447110.00	Gas Station @ Convenience Store	69	BRAMBLETON
	2018		7-ELEVEN STORE #27188	1510 E BRAMBLETON AVE	MASAND, RAJ	447110.00	Gas Station @ Convenience Store	69	BRAMBLETON
	2018		WILLOWWOOD SERVICE CENTER	5421 TIDEWATER DR	HOWLETT AUTOMOTIVE INC	811111.00	General Automotive Repair	35	LAKEWOOD
	2018		WILLOWWOOD SERVICE CENTER	5421 TIDEWATER DR	HOWLETT AUTOMOTIVE INC	447110.00	Gas Station @ Convenience Store	35	LAKEWOOD
	2018		TIDEWATER SHELL #410	3537 TIDEWATER DR	MBM INVESTMENTS INC	447110.00	Gas Station @ Convenience Store	35	LAKEWOOD
	2018		AUTOBELL CAR WASH	5840 E VIRGINIA BEACH BLVD	AUTOBELL CAR WASH INC	811192.00	Car Wash	87	JANAF - MILITARY CENTER
	2018		PETCO #1884	5900 E VIRGINIA BEACH BLVD	PETCO ANIMAL SUPPLIES STORES INC	812910.00	Pet Services (not Veterinary)	87	JANAF - MILITARY CENTER
	2018		BJ'S WHOLESALE CLUB #180	5820 E VIRGINIA BEACH BLVD	BJ'S WHOLESALE CLUB INC	532111.00	Passenger Car Rental	87	JANAF - MILITARY CENTER
	2018		MOBILITY WORKS	6059 E VIRGINIA BEACH BLVD	RIDE-AWAY HANDICAP EQUIPMENT CORP	811118.00	Auto Mechanical & Electrical Repair	87	JANAF - MILITARY CENTER
	2018		RED'S TRANSMISSION	5884 POPLAR HALL DR	JOHNSON, DAVID KEITH	811113.00	Automotive Transmission Repair	87	JANAF - MILITARY CENTER
	2018		AAA CAR CARE CENTER	5732 E VIRGINIA BEACH BLVD	AAA TIDEWATER VA CAR CARE CENTER LL	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018		BJ'S WHOLESALE CLUB #180	5820 E VIRGINIA BEACH BLVD	BJ'S WHOLESALE CLUB INC	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018		COTTMAN TRANSMISSION SYSTEMS	5970 E VIRGINIA BEACH BLVD	COW-WOW INC	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018		TREADQUARTERS # 1040	6025 E VIRGINIA BEACH BLVD	MONRO MUFFLER BRAKE INC	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018		MERCHANTS TIRE #428	5965 E VIRGINIA BEACH BLVD	MERCHANT'S LLC	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018		WAL-MART STORE #1811	1170 N MILITARY HWY	WAL-MART STORES EAST LP	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018		J & W COMPLETE AUTO & TRANSMISSION	5884 POPLAR HALL DR	BROWN, JOE N	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018		CSM AUTO SERVICE	5884 POPLAR HALL DR	HINES, CURTIS L	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018		AMERICAN TRANSMISSION CENTERS	5844 E VIRGINIA BEACH BLVD	WRCM LLC	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018		COSTCO WHOLESALE #202	850 GLENROCK RD	COSTCO WHOLESALE CORPORATION	447110.00	Gas Station @ Convenience Store	87	JANAF - MILITARY CENTER
	2018		7-ELEVEN STORE #33653B	5827 E VIRGINIA BEACH BLVD	GANESH PATEL INC	447110.00	Gas Station @ Convenience Store	87	JANAF - MILITARY CENTER
	2018		BJ'S WHOLESALE CLUB #180	5820 E VIRGINIA BEACH BLVD	BJ'S WHOLESALE CLUB INC	447190.00	Gas Stations	87	JANAF - MILITARY CENTER
	2018		TREADQUARTERS # 1040	6025 E VIRGINIA BEACH BLVD	MONRO MUFFLER BRAKE INC	441320.00	Tire Dealers	87	JANAF - MILITARY CENTER
	2018		MERCHANTS TIRE #428	5965 E VIRGINIA BEACH BLVD	MERCHANT'S LLC	441320.00	Tire Dealers	87	JANAF - MILITARY CENTER

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2018		MOBILITY WORKS	6059 E VIRGINIA BEACH BLVD	RIDE-AWAY INC	441120.00	Used Car Dealer	87	JANAF - MILITARY CENTER
	2018		AAA TIDEWATER VA FLEET OPERATIONS	5732 E VIRGINIA BEACH BLVD	AAA TIDEWATER VA FLEET OPERATIONS	488410.00	Tow Truck Services	87	JANAF - MILITARY CENTER
	2018		FIRESTONE COMPLETE AUTO CARE #39F4	800 N MILITARY HWY	BRIDGESTONE RETAIL OPERATIONS LLC	811111.00	General Automotive Repair	87	JANAF - MILITARY CENTER
	2018		MILITARY CIRCLE SHELL	500 N MILITARY HWY	TIDEWATER CONVENIENCE INC	447110.00	Gas Station @ Convenience Store	87	JANAF - MILITARY CENTER
	2018		OCEAN VIEW FISHING CENTER	4317 PRETTY LAKE AVE	EDWARDS, LISA YEISER	713930.00	Marina	7	SHORE DRIVE
	2018		LITTLE CREEK MARINA	4801 PRETTY LAKE AVE	LITTLE CREEK PARTNERS LTD	713930.00	Marina	7	SHORE DRIVE
	2018		THE PELICAN'S NEST MARINA	4401 PRETTY LAKE AVE	PELICAN'S NEST MARINA INC, THE	713930.00	Marina	7	SHORE DRIVE
	2018		EAST BEACH MARINA	4521 PRETTY LAKE AVE	LG CAPITAL LLC	713930.00	Marina	7	SHORE DRIVE
	2018		TOP DOG WALK LLC	4610 EAST BEACH DR	TOP DOG WALK LLC	812910.00	Pet Services (not Veterinary)	7	SHORE DRIVE
	2018		PAPCO INC	3601 E OCEAN VIEW AVE	PAPCO INC	447110.00	Gas Station @ Convenience Store	7	SHORE DRIVE
	2018		LITTLE CREEK MARINA	4801 PRETTY LAKE AVE	LITTLE CREEK PARTNERS LTD	447190.00	Gas Stations	7	SHORE DRIVE
	2018		ROBINSON'S AUTO SALES LTD	3536 E LITTLE CREEK RD	ROBINSON'S AUTO SALES LTD	441120.00	Used Car Dealer	7	SHORE DRIVE
	2018		ROBINSON'S AUTO SALES LTD	3536 E LITTLE CREEK RD	ROBINSON'S AUTO SALES LTD	423110.00	Auto Sales Wholesale	7	SHORE DRIVE
	2018		BAY POINT MARINA	9500 30TH BAY STREET	LITTLE CREEK PARTNERS LTD	713930.00	Marina	7	SHORE DRIVE
	2018		ACCURATE TUNE PLUS	9529 SHORE DR	WET AUTOMOTIVE SERVICES INC	811111.00	General Automotive Repair	7	SHORE DRIVE
	2018		VININGS LANDING MARINE CENTER	8172 SHORE DR	HARRISON MARINA LLC	447190.00	Gas Stations	7	SHORE DRIVE
	2018		7-ELEVEN STORE 23151A	7901 SHORE DR	SUNTAT INC	447190.00	Gas Stations	7	SHORE DRIVE
	2018		EAST BEACH AUTO SALES	8100 SHORE DR	ZINO'S AUTO SALES INC	441120.00	Used Car Dealer	7	SHORE DRIVE
	2018		PATRICK KNIGHT	4319 TIDES CT	KNIGHT, PATRICK JULIUS	485310.00	Taxi	7	SHORE DRIVE
VAR050244	2018		Cobb's Marina Incorporated	4524 Dunning Road				7	SHORE DRIVE
VAR050484	2018	3/6/2017	Little Creek Marina Incorporated	4913 Pretty Lake Avenue				7	SHORE DRIVE
	2018		JESSE JEFFERSON	8450 TOBY LN	JEFFERSON, JESSE	811111.00	General Automotive Repair	14	SNUG HARBOR
	2018		BAYVIEW PET SALON	1541 E BAYVIEW BOULEVARD	BAYVIEW PET SALON LLC	812910.00	Pet Services (not Veterinary)	14	SNUG HARBOR
	2018		STREET MUSIC CAR WASH	2714 MONTICELLO AVE	WIGGINS, STEVEN M	811192.00	Car Wash	52	PARK PLACE
	2018		ABLE TOWING & AUTO REPAIR INC	2701 MONTICELLO AVE	ABLE TOWING & AUTO REPAIR INC	811111.00	General Automotive Repair	52	PARK PLACE
	2018		AROUND THE CLOCK TIRE & AUTO REPAIR LLC	2706 COLLEY AVE	AROUND THE CLOCK TIRE & AUTO REPAIR LLC	811111.00	General Automotive Repair	52	PARK PLACE
	2018		AROUND THE CLOCK TIRE & AUTO REPAIR LLC	2706 COLLEY AVE	AROUND THE CLOCK TIRE & AUTO REPAIR LLC	441320.00	Tire Dealers	52	PARK PLACE
	2018		PENNIES ON THE DOLLAR RECYCLING & HAULING	856 35TH STREET	TURNER, RICHARD L JR	562119.01	Junk Dealer	52	PARK PLACE
	2018		AUTO ELECTRIC SERVICE INC	2900 CHURCH STREET	AUTO ELECTRIC SERVICE INC	811111.00	General Automotive Repair	52	PARK PLACE
	2018		E Z WAY AUTO SALES	1101 E 26TH STREET	STAR AUTOMOTIVE SALES & SVC INC	811111.00	General Automotive Repair	52	PARK PLACE
	2018		NORFOLK DISCOUNT TIRES	2906 GRANBY STREET	NORFOLK DISCOUNT TIRES LLC	811111.00	General Automotive Repair	52	PARK PLACE
	2018		NORFOLK DISCOUNT TIRES	2906 GRANBY STREET	NORFOLK DISCOUNT TIRES LLC	441320.00	Tire Dealers	52	PARK PLACE
	2018		E Z WAY AUTO SALES	1101 E 26TH STREET	STAR AUTOMOTIVE SALES & SVC INC	441120.00	Used Car Dealer	52	PARK PLACE
	2018		DAWN M FOSTER	1048 W 36TH STREET	FOSTER, DAWN M	485999.00	All Other Passenger Transportation	52	PARK PLACE
	2019		PRECISE AUTO CARE LLC	2480 E LITTLE CREEK RD	PRECISE AUTO CARE LLC	811111.00	General Automotive Repair	19	NORTH CAMELLIA
	2019		BEACH AUTO BROKERS INC	3510 E LITTLE CREEK RD	BEACH AUTO BROKERS INC	441120.00	Used Car Dealer	19	NORTH CAMELLIA
	2019		DRIVE NOW AUTO SALES	2424 E LITTLE CREEK RD	DRIVE NOW AUTO SALES LLC	441120.00	Used Car Dealer	19	NORTH CAMELLIA
	2019		BEACH AUTO BROKERS INC	3510 E LITTLE CREEK RD	BEACH AUTO BROKERS INC	423110.00	Auto Sales Wholesale	19	NORTH CAMELLIA
	2019		MILLER'S NEIGHBORHOOD MARKET #89	4900 HAMPTON BOULEVARD	MILLER OIL CO INC	811192.00	Car Wash	55	LAMBERTS POINT / ODU
	2019		MUDDY PAWS	3700 HAMPTON BOULEVARD	MUDDY PAW GROOMING & RETAIL STORE LLC	812910.00	Pet Services (not Veterinary)	55	LAMBERTS POINT / ODU
	2019		ZIPCAR INC	4900 HAMPTON BOULEVARD	ZIPCAR INC	532111.00	Passenger Car Rental	55	LAMBERTS POINT / ODU
	2019		OLD DOMINION COLLISION & PAINT	1065 W 38TH STREET	EDWARDS, SHAWNTA M	811121.00	Auto Body & Paint Repair	55	LAMBERTS POINT / ODU
	2019		UNIVERSITY CAR CARE	4900 HAMPTON BOULEVARD	APEX AUTOMOTIVE CORP	811111.00	General Automotive Repair	55	LAMBERTS POINT / ODU
	2019		HELPING HANDS AUTO	1062 37TH STREET	HELMS, STEVEN	811111.00	General Automotive Repair	55	LAMBERTS POINT / ODU
	2019		ODU EXXON #157	3801 HAMPTON BOULEVARD	COASTAL INVESTMENTS INC	447110.00	Gas Station @ Convenience Store	55	LAMBERTS POINT / ODU
	2019		MILLER'S NEIGHBORHOOD MARKET #89	4900 HAMPTON BOULEVARD	MILLER OIL CO INC	447110.00	Gas Station @ Convenience Store	55	LAMBERTS POINT / ODU
	2019		SEVEN CITIES RICKSHAWS	1251 W 27TH STREET	SEVEN CITIES RICKSHAWS LLC	485999.00	All Other Passenger Transportation	55	LAMBERTS POINT / ODU
VAR051845	2019		Marine Hydraulics International - Mid Town	1215 Warrington Avenue				56	LAMBERTS POINT INDUSTRIAL
VAR051448	2019		Norfolk Southern Railway Company - Lamberts Point	2200 Redgate Avenue				56	LAMBERTS POINT INDUSTRIAL
	2019		MOHAMMAD CHUGHTAI	913 HULLVIEW AVE	CHUGHTAI, MOHAMMAD	485310.00	Taxi	4	OCEANVIEW
	2019		JIFFY LUBE #131	2463 E LITTLE CREEK RD	COMMONWEALTH LUBES INC	811191.00	Oil Change & Lube Shop	20	SOUTH CAMELLIA
	2019		CONNIE'S BUBBLE "N" PAW PRINTS	2450 STRIBLING LN	CONNIES BUBBLE AND PAW PRINTS INC	812910.00	Pet Services (not Veterinary)	20	SOUTH CAMELLIA
	2019		JOE'S TIRES & RIMS INC	7851 AZALEA GARDEN RD	JOE'S TIRES & RIMS INC	811111.00	General Automotive Repair	20	SOUTH CAMELLIA
	2019		7 ELEVEN 37219A	2475 E LITTLE CREEK RD	RETAIL ENTERPRISES INC	447110.00	Gas Station @ Convenience Store	20	SOUTH CAMELLIA
	2019		MCDONALD GARDEN MARKET	4037 E LITTLE CREEK RD	MCDONALD GARDEN MARKET LLC	444220.00	Nursery & Garden Centers	20	SOUTH CAMELLIA
	2019		JOE'S TIRES & RIMS INC	7851 AZALEA GARDEN RD	JOE'S TIRES & RIMS INC	441320.00	Tire Dealers	20	SOUTH CAMELLIA
	2019		JOE'S TIRES & RIMS INC	7851 AZALEA GARDEN RD	JOE'S TIRES & RIMS INC	423130.00	Tires & Tubes Wholesale	20	SOUTH CAMELLIA
	2019		AZALEA SUPER SERVICE INC	5828 CURLEW DR	AZALEA SUPER SERVICE INC	811111.00	General Automotive Repair	81	RIVER FORREST
	2019		AZALEA SUPER SERVICE INC	5828 CURLEW DR	AZALEA SUPER SERVICE INC	441110.00	New Car Dealer	81	RIVER FORREST
	2019		JOEL'S AUTO WHOLESALE INC	5700 CURLEW DR	JOEL'S AUTO WHOLESALE INC	441120.00	Used Car Dealer	81	RIVER FORREST
	2019		METRO TOWING COMPANY INC	5870 CURLEW DR	METRO TOWING CO INC	488410.00	Tow Truck Services	81	RIVER FORREST
	2019		UNITED DISPOSAL INC	161 WELLMAN STREET	UNITED DISPOSAL INC	562920.00	Material Recovery Facility	81	RIVER FORREST
	2019		LACQUER SPECIALTIES	5815 HARGROVE STREET	DESTE CORP	811111.00	General Automotive Repair	81	RIVER FORREST
	2019		GO AUTOMOTIVE	200 S MILITARY HIGHWAY	GO AUTOMOTIVE LLC	811111.00	General Automotive Repair	81	RIVER FORREST
	2019		RONALD L ALLEN SR	200 BETTY COURT	ALLEN, RONALD L SR	485999.00	All Other Passenger Transportation	81	RIVER FORREST
VAR050357	2019	7/13/2017: Shed	Security Storage and Van Company of Norfolk VA Inc	5786 Sellger Drive	SECURITY STORAGE AND VAN COMPANY OF NORFOLK VA INC.			81	RIVER FORREST
	2019		ROBERT H JOYNER	135 GLEN ECHO DR	JOYNER, ROBERT H	485310.00	Taxi	33	SUBURBAN
	2019		THOMAS E GRAVES	1902 MONTCLAIR AVE	GRAVES, THOMAS EDWARD	532111.00	Passenger Car Rental	88	CAMPOSTELLA HEIGHTS
	2019		POPE AUTOMOTIVE	2400 E INDIAN RIVER RD	COLEMAN, CHRISTOPHER L	811111.00	General Automotive Repair	88	CAMPOSTELLA HEIGHTS
	2019		DAV-MAC AUTO REPAIR	2301 EUSTIS AVE	MCNEAL, DAVID	811111.00	General Automotive Repair	88	CAMPOSTELLA HEIGHTS
	2019		HAPPY SHOPPER	415 CAMPOSTELLA RD	CAMPOSTELLA INC	447190.00	Gas Stations	88	CAMPOSTELLA HEIGHTS
	2019		POPE AUTOMOTIVE	2400 E INDIAN RIVER RD	COLEMAN, CHRISTOPHER L	441120.00	Used Car Dealer	88	CAMPOSTELLA HEIGHTS
	2019		BRYANT USED AUTO PARTS & BODY SHOP	2403 E INDIAN RIVER RD	BRYANT, WILLIAM B	488410.00	Tow Truck Services	88	CAMPOSTELLA HEIGHTS

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2019		HAMPTON ROADS MARINE SERVICES INC	805 FORD DR	HAMPTON ROADS MARINE SERVICES INC	562998.00	Misc Waste Management	88	CAMPOSTELLA HEIGHTS
VAR052302	2019		Bay Disposal & Recycling Corporate Office	2224 Springfield Avenue				88	CAMPOSTELLA HEIGHTS
VAR052191	2019		Six M, LLC	425 Campostella Road				88	CAMPOSTELLA HEIGHTS
VAR050290	2019		Tubbs Auto Parts Incorporated	2215 E Indian River Road				88	CAMPOSTELLA HEIGHTS
	2019		7-ELEVEN STORE #8011-23385	8011 HAMPTON BOULEVARD	SEVEN ELEVEN INC	447110.00	Gas Station @ Convenience Store	27	SEWELLS POINT
	2019		WAWA #8606	8105 HAMPTON BOULEVARD	WAWA INC	447110.00	Gas Station @ Convenience Store	27	SEWELLS POINT
	2019		TRANSPORTATION CONCEPTS INC	8791 HAMPTON BOULEVARD	TRANSPORTATION CONCEPTS INC	485999.00	All Other Passenger Transportation	27	SEWELLS POINT
	2019		BLACK & WHITE CABS	6304 SEWELLS POINT RD	BLACK & WHITE CARS INC	532112.00	Passenger Car Leasing	43	SEWELLS GARDENS
	2019		NORVIEW CARS	6304 SEWELLS POINT RD	NORVIEW CARS INC	532112.00	Passenger Car Leasing	43	SEWELLS GARDENS
	2019		CONCIERGE SERVICES	6304 SEWELLS POINT RD	KELLER, JOHN	485310.00	Taxi	43	SEWELLS GARDENS
	2019		C/O NORVIEW CAR	6304 SEWELLS POINT RD	ONAWOLE, ILESANMI	485310.00	Taxi	43	SEWELLS GARDENS
	2019		C/O NORVIEW CHECKER TAXICAB	6304 SEWELLS POINT RD	BURNEY, STEVEN	485310.00	Taxi	43	SEWELLS GARDENS
	2019		C/O BLACK & WHITE CABS	6304 SEWELLS POINT RD	HUSSAIN, MALIK IMTIAZ	485310.00	Taxi	43	SEWELLS GARDENS
	2019		C/O NORVIEW CAR	6304 SEWELLS POINT RD	THORPE, BRADFORD	485310.00	Taxi	43	SEWELLS GARDENS
	2019		C/O GREEN & WHITE CAB CO	6304 SEWELLS POINT RD	WOOD, FRANCHOTT M	485310.00	Taxi	43	SEWELLS GARDENS
	2019		C/O BLACK & WHITE TAXI	6304 SEWELLS POINT RD	LESEBERG, EVERETT F	485310.00	Taxi	43	SEWELLS GARDENS
	2019		C/O NORVIEW CARS	6304 SEWELLS POINT RD	TARAR, MUHAMMAD A	485310.00	Taxi	43	SEWELLS GARDENS
	2019		DON'S MOBILE AUTO REPAIR	6319 CHESAPEAKE BLVD	DON'S MOBILE AUTO REPAIR INC	811111.00	General Automotive Repair	43	SEWELLS GARDENS
	2019		WALT'S TRANSMISSION CO	1752 WILSON RD	WALT'S TRANSMISSION CO INC	811111.00	General Automotive Repair	89	CAMPOSTELLA
VAR051701	2019		HEPACO, LLC	1301 Marsh Street				89	CAMPOSTELLA
VAR052312	2019		MHI Main Office	543 E Indian River Road				89	CAMPOSTELLA
	2019		HAPPY CRITTER PET SITTING	9312 HICKORY STREET	PHILLIPS, CARLA M M	812910.00	Pet Services (not Veterinary)	8	PAMLICO
	2019		DALE R TAYLOR	604 GRAYDON AVE	TAYLOR, DALE R	485310.00	Taxi	64	GHENT
	2019		JOHN'S MOBILE DETAILING	1213 E BRAMBLETON AVE	MOORE, JOHN T	811192.00	Car Wash	68	TIDEWATER DRIVE INDUSTRIAL
	2019		DIVINE TOUCH MOBILE DETAILING	1213 E BRAMBLETON AVE	PARKER, MARQUIS D	811192.00	Car Wash	68	TIDEWATER DRIVE INDUSTRIAL
	2019		NORFOLK TRUCK CENTER INC	736 TIDEWATER DR	NORFOLK TRUCK CENTER INC	811111.00	General Automotive Repair	68	TIDEWATER DRIVE INDUSTRIAL
	2019		CITY TIRES	1139 E PRINCESS ANNE RD	GHAITH, ABDEL SAMIE	811111.00	General Automotive Repair	68	TIDEWATER DRIVE INDUSTRIAL
VAR052143	2019	3/10/2017: Shee	Empire Recycling Norfolk	1100 E Princess Anne Road				68	TIDEWATER DRIVE INDUSTRIAL
VAR050351	2019	2/17/2017: 4 pip	Gutterman Iron and Metal Corporation	706 May Avenue				68	TIDEWATER DRIVE INDUSTRIAL
	2019		COLONIAL CADILLAC	6222 E VIRGINIA BEACH BLVD	RICK HENDRICK CADILLAC	811111.00	General Automotive Repair	78	MAPLE HALL - HOLLYWOOD
	2019		DRIVETIME	6200 E VIRGINIA BEACH BLVD	DRIVETIME CAR SALES COMPANY LLC	441120.00	Used Car Dealer	78	MAPLE HALL - HOLLYWOOD
	2019		A PAWS 4 KNOWLEDGE	1119 LAND STREET	A PAWS 4 KNOWLEDGE LLC	812910.00	Pet Services (not Veterinary)	78	MAPLE HALL - HOLLYWOOD
	2019		URBAN RECYCLE INC	3436 MANGROVE AVE	URBAN RECYCLE INC	562920.00	Material Recovery Facility	83	INGLESIDE
	2019		NICKYS AUTOMOTIVE & CUSTOM CYCLE SHOP	3435 MANGROVE AVE	AL'S TOWING OF VIRGINIA INC	811111.00	General Automotive Repair	83	INGLESIDE
	2019		SCOTT HAULING & MOBILE REPAIRS	3440 TRANT AVE	SCOTT, DAVID A	811111.00	General Automotive Repair	83	INGLESIDE
	2019		CITGO MART	985 INGLESIDE RD	JIMMY ENTERPRISES INC	447110.00	Gas Station @ Convenience Store	83	INGLESIDE
	2019		NICKYS AUTOMOTIVE & CUSTOM CYCLE SHOP	3435 MANGROVE AVE	AL'S TOWING OF VIRGINIA INC	488410.00	Tow Truck Services	83	INGLESIDE
	2019		BIG JOE'S TOW PRO	3435 MANGROVE AVE	BIG JOE'S TOW PRO INC	488410.00	Tow Truck Services	83	INGLESIDE
	2019		FAIRBANKS MORSE ENGINE DIVISION	981 SCOTT STREET	ENPRO INDUSTRIES INC	811111.00	General Automotive Repair	83	INGLESIDE
VAR051467	2019		Virginia Paving Company - Norfolk	3431 Trant Avenue				83	INGLESIDE
	2019		NUMAN CHAUDHRY	417 W 20TH STREET	CHAUDHRY, NUMAN	485999.00	All Other Passenger Transportation	63	EAST GHENT
	2019		OTTACAM AUTOMOTIVE	804 ORAPAX STREET	OTTACAM AUTOMOTIVE INC	811111.00	General Automotive Repair	60	MEDICAL CENTER
VAR052162	2019	7/13/2017: Shee	NASSCO - Norfolk Mid-Atlantic	1118 Warrington Avenue				60	MEDICAL CENTER
VAR050771	2019	3/10/2017	Atlantic Paper Stock	1832 Church Street	ATLANTIC RECYLCING, LLC			66	HUNTERSVILLE
	2019		BAY AUTOMOTIVE CORPORATION	4201 COLLEY AVE	BAY AUTOMOTIVE CORPORATION	811111.00	General Automotive Repair	54	NORTH COLLEY
	2019		7-ELEVEN STORE 24641A	3805 COLLEY AVE	RANDHAWA, MANPREET S	447190.00	Gas Stations	54	NORTH COLLEY
	2019		BAY AUTOMOTIVE CORPORATION	4201 COLLEY AVE	BAY AUTOMOTIVE CORPORATION	441120.00	Used Car Dealer	54	NORTH COLLEY
	2019		HAPPY TAILS	861 46TH STREET	DOG SWIM CAMP & DAY CARE INC	812910.00	Pet Services (not Veterinary)	54	NORTH COLLEY
	2019		WRECKER BOYZ AUTO REPAIR	810 W 39TH STREET	CRESPO ENTERPRISES INC	811111.00	General Automotive Repair	54	NORTH COLLEY
	2019		TNV PROFESSIONAL SERVICES	845 44TH STREET	NGUYEN, JOHN THIEP	811111.00	General Automotive Repair	54	NORTH COLLEY
	2019		LEE'S AUTO SERVICE	837 W 44TH STREET	PLATT, LEON W	811111.00	General Automotive Repair	54	NORTH COLLEY
	2019		ADAMS AUTOMOTIVE CENTER INC	844 W 39TH STREET	ADAMS AUTOMOTIVE CENTER INC	811111.00	General Automotive Repair	54	NORTH COLLEY
	2019		OLD DOMINION AUTOMOTIVE	850 W 40TH STREET	OLD DOMINION AUTO & TRANSMISSION LLC	811111.00	General Automotive Repair	54	NORTH COLLEY
	2019		ROAD RUNNER TOWING	810 W 39TH STREET	CRESPO ENTERPRISES INC	488410.00	Tow Truck Services	54	NORTH COLLEY
	2019		FARM FRESH #55408	201 E BERKLEY AVE	FF ACQUISITION LLC	447190.00	Gas Stations	90	BERKLEY
	2019		KINDER MORGAN VIRGINIA LIQUIDS TERMINALS	1000 LANSING STREET	KINDER MORGAN VIRGINIA LIQUIDS TERMINALS LLC	493110.01	Chemical Storage Warehousing	90	BERKLEY
VAR052316	2019		Kinder Morgan Norfolk Terminal	1000 Lansing Street				90	BERKLEY
VAR050382	2019	3/10/2017	Marine Oil Service Incorporated	1421 South Main Street	MARINE OIL SERVICE			90	BERKLEY
VAR050487	2019		United States Gypsum Company - Norfolk	1424 South Main Street				90	BERKLEY
	2020		ENTERPRISE RENT-A-CAR	912 W LITTLE CREEK RD	ENTERPRISE LEASING CO OF NFLK/RICH	532112.00	Passenger Car Leasing	31	TITUSTOWN
	2020		D & D CYCLES	1038 W LITTLE CREEK RD	WAYBRY CORP	811111.00	General Automotive Repair	31	TITUSTOWN
	2020		UNIVERSAL-MART	1033 W LITTLE CREEK RD	TRIDEV INC	447110.00	Gas Station @ Convenience Store	31	TITUSTOWN
	2020		7-ELEVEN #39325B	774 W LITTLE CREEK RD	MILLERS II LLC	447110.00	Gas Station @ Convenience Store	31	TITUSTOWN
	2020		ED'S HOME IMPROVEMENTS	6137 MILLER STORE RD	LEISKER, EDWARD FRANK JR	811192.00	Car Wash	76	LAKE TAYLOR
	2020		FREEDOM WASH	1200 N MILITARY HWY	MILITARY FREEDOM WASH LLC	811192.00	Car Wash	76	LAKE TAYLOR
	2020		NISSAN OF NORFOLK	1250 N MILITARY HWY	NISSAN OF NORFOLK LLC	532111.00	Passenger Car Rental	76	LAKE TAYLOR
	2020		PEP BOYS-MANNY MOE & JACK #111	1230 N MILITARY HWY	PEP BOYS-MANNY MOE & JACK	811111.00	General Automotive Repair	76	LAKE TAYLOR
	2020		NISSAN OF NORFOLK	1250 N MILITARY HWY	NISSAN OF NORFOLK LLC	811111.00	General Automotive Repair	76	LAKE TAYLOR
	2020		JONES BUILT SPEED & CUSTOM	6137 MILLER STORE RD	JONES, EDWARD N	811111.00	General Automotive Repair	76	LAKE TAYLOR
	2020		FARM FRESH SUPERMARKET #55467	1200 N MILITARY HWY	FF ACQUISITION LLC	447190.00	Gas Stations	76	LAKE TAYLOR
	2020		NISSAN OF NORFOLK	1250 N MILITARY HWY	NISSAN OF NORFOLK LLC	441110.00	New Car Dealer	76	LAKE TAYLOR
	2020		NISSAN OF NORFOLK	1250 N MILITARY HWY	NISSAN OF NORFOLK LLC	423110.00	Auto Sales Wholesale	76	LAKE TAYLOR
	2020		THE BEST DOGS IN LARCHMONT	1409 BUCKINGHAM AVE	BEST DOGS IN LARCHMONT LLC, THE	812910.00	Pet Services (not Veterinary)	37	EDGEWATER - LARCHMONT

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2020		GORDON AUDIO	5217 ARGALL AVE	BOES, BRIAN G	811118.00	Auto Mechanical & Electrical Repair	37	EDGEWATER - LARCHMONT
	2020		PHIL'S STYLIN' RIDES	1353 WESTMORELAND AVE	GRATHWOL, PHILIP	485999.00	All Other Passenger Transportation	37	EDGEWATER - LARCHMONT
	2020		BARRY'S PERFORMANCE IMPORTS	2131 CROMWELL RD	BPI INC	811111.00	General Automotive Repair	50	BALLENTINE PARK
	2020		CHRISTIAN A TORRES	2766 MCKANN AVE	TORRES, CHRISTIAN A	485999.00	All Other Passenger Transportation	50	BALLENTINE PARK
	2020		CROMWELL BP	3210 CHESAPEAKE BLVD	TIDEWATER CONVENIENCE INC	811192.00	Car Wash	50	BALLENTINE PARK
	2020		GALE L ROSE-CARMACK	2851 BALLENTINE BLVD	ROSE-CARMACK, GALE L	812910.00	Pet Services (not Veterinary)	50	BALLENTINE PARK
	2020		CROMWELL BP	3210 CHESAPEAKE BLVD	TIDEWATER CONVENIENCE INC	447110.00	Gas Station @ Convenience Store	50	BALLENTINE PARK
VAR051796	2020		Norfolk City- Streets and Bridges - McKann Avenue	2205 McKann Avenue				50	BALLENTINE PARK
	2020		DODGES STORE	8110 HAMPTON BOULEVARD	H & D OIL CO INC	447110.00	Gas Station @ Convenience Store	28	GLENWOOD PARK
	2020		DAYOAN LAUNDRY & CAR WASH USA	1203 W LITTLE CREEK RD	DAYOAN, JOSE M	811192.00	Car Wash	30	NORTH SHORE
	2020		JOHN F ONEIL	7720 ENFIELD AVE	O'NEIL, JOHN F	485310.00	Taxi	30	NORTH SHORE
	2020		ALFRED MOORE III	1307 MILTON STREET	MOORE, ALFRED III	485310.00	Taxi	30	NORTH SHORE
	2020		O'REILLY AUTO PARTS #2000	7720 HAMPTON BOULEVARD	O'REILLY AUTOMOTIVE STORES INC	423110.00	Auto Sales Wholesale	30	NORTH SHORE
	2020		SUN DOGS MOBILE PET SALON	283 SIR OLIVER RD	CAGNEY, MARY F	812910.00	Pet Services (not Veterinary)	36	TALBOT PARK
	2020		THE BOWMEOW LLC	219 SOUTH BLAKE ROAD	BOWMEOW LLC, THE	812910.00	Pet Services (not Veterinary)	36	TALBOT PARK
	2020		ENTERPRISE LEASING CO OF NFLK/RICH	9000 HAMPTON BOULEVARD	ENTERPRISE LEASING CO OF NFLK/RICH	532111.00	Passenger Car Rental	26	NAVAL BASE
	2020		TRASH TREASURE JUNKMEN	301 NAVAL BASE RD	ALSTON, ANTWAIN & ALSTON, RONALD	562119.01	Junk Dealer	39	NAVAL BASE ROAD
	2020		DOODY CALLS	385 NAVAL BASE RD	R BARQUE LLC	812910.00	Pet Services (not Veterinary)	39	NAVAL BASE ROAD
	2020		HONDA OF NORFOLK	6955 TIDEWATER DR	LTGB LLC	811111.00	General Automotive Repair	39	NAVAL BASE ROAD
	2020		GENTRY'S MOBILE REPAIR	385 NAVAL BASE RD	GENTRY, THOMAS H III	811111.00	General Automotive Repair	39	NAVAL BASE ROAD
	2020		FAMILY CAR WASH INC	5007 E PRINCESS ANNE RD	FAMILY CAR WASH INC	811192.00	Car Wash	75	RIVER OAKS
	2020		CALVARY CARS & SERVICE INC	1417 N MILITARY HWY	CALVARY CARS & SERVICE INC	811111.00	General Automotive Repair	75	RIVER OAKS
	2020		PRINCESS ANNE AUTOMOTIVE CENTER	5333 E PRINCESS ANNE RD	VIC & NOLI LLC	811111.00	General Automotive Repair	75	RIVER OAKS
	2020		EXPRESS TIRE & AUTO REPAIR	5045 E PRINCESS ANNE RD	GOSSET INC	811111.00	General Automotive Repair	75	RIVER OAKS
	2020		SUBTRACK FOOD MART	5369 E PRINCESS ANNE RD	AMBEMA LLC	447110.00	Gas Station @ Convenience Store	75	RIVER OAKS
	2020		EXPRESS TIRE & AUTO REPAIR	5045 E PRINCESS ANNE RD	GOSSET INC	441320.00	Tire Dealers	75	RIVER OAKS
	2020		DOUBLE J MOTORS INC	5601 E PRINCESS ANNE RD	DOUBLE J MOTORS INC	441120.00	Used Car Dealer	75	RIVER OAKS
	2020		AUTO EXPRESS II	5029 E PRINCESS ANNE RD	GOSSETT INC	441120.00	Used Car Dealer	75	RIVER OAKS
	2020		JAY DA MAN ENTERPRISES LLC	5129 SOUTH CAPE HENRY AVENUE	JAY DA MAN ENTERPRISES LLC	811111.00	General Automotive Repair	75	RIVER OAKS
	2020		7-ELEVEN STORE #39586A	6100 TIDEWATER DR	RIGHTEOUS ACTS LLC	811192.00	Car Wash	34	ROLAND PARK
	2020		AUTOMASTERS EXPRESS CARE	6100 TIDEWATER DR	AUTOMASTERS OF ASHEBORO LLC	811191.00	Oil Change & Lube Shop	34	ROLAND PARK
	2020		7-ELEVEN STORE #39586A	6100 TIDEWATER DR	RIGHTEOUS ACTS LLC	447110.00	Gas Station @ Convenience Store	34	ROLAND PARK
VAR050293	2020		Carroll Trucking Incorporated	6300 Tidewater Drive				34	ROLAND PARK
	2020		FASTREK AZALEA	2335 AZALEA GARDEN RD	SAIRAM ENTERPRISE INC	447110.00	Gas Station @ Convenience Store	48	FOXHALL
	2020		7-ELEVEN STORE #24025A	3112 AZALEA GARDEN RD	AYO, ARTURO D	447190.00	Gas Stations	48	FOXHALL
	2020		NU WHEELS	2675 AZALEA GARDEN RD	E'DSCO CORP	423110.00	Auto Sales Wholesale	48	FOXHALL
	2020		HILLIARD AUTO & TRUCK REPAIR	2313 MOHAWK STREET	HILLIARD, JOHN L	811111.00	General Automotive Repair	48	FOXHALL
	2020		ED'S RODS & RECKS	2320 MOHAWK STREET	MURMILLO, EDWARD W & REMONA	811111.00	General Automotive Repair	48	FOXHALL
	2020		ALL PRO AUTO REPAIR	2328 AZALEA GARDEN RD	HARRIS, BRIAN K	811111.00	General Automotive Repair	48	FOXHALL
	2020		CHURCH STREET BP	800 E BRAMBLETON AVE	TIDEWATER CONVENIENCE INC	811192.00	Car Wash	65	TIDEWATER - YOUNG PARK
	2020		ONE STOP FOOD MART #351	900 E BRAMBLETON AVE	J & M INVESTMENTS INC	447110.00	Gas Station @ Convenience Store	65	TIDEWATER - YOUNG PARK
	2020		CHURCH STREET BP	800 E BRAMBLETON AVE	TIDEWATER CONVENIENCE INC	447110.00	Gas Station @ Convenience Store	65	TIDEWATER - YOUNG PARK
	2020		HOLIDAY FOOD STORE #405	418 SAINT PAULS BLVD	SUPREME PETROLEUM INC	447110.00	Gas Station @ Convenience Store	65	TIDEWATER - YOUNG PARK
VAR050301	2020		US Postal Svs - Vehicle Maintenance Fac - Norfolk	600 Church Street				65	TIDEWATER - YOUNG PARK
	2020		7-ELEVEN STORE #36467A	357 W OCEAN VIEW AVE	PTE INC	447190.00	Gas Stations	1	WILLOUGHBY
	2020		REBEL MARINE SERVICE INC	1553 BAYVILLE STREET	REBEL MARINE SERVICE INC	713930.00	Marina	1	WILLOUGHBY
	2020		WILLOUGHBY HARBOR MARINA	1525 BAYVILLE STREET	WILLOUGHBY HARBOR PARTNERS LP	713930.00	Marina	1	WILLOUGHBY
	2020		YACHT SYSTEMS SERVICES	1553 BAYVILLE STREET	YACHT SYSTEMS SERVICES INC	811111.00	General Automotive Repair	1	WILLOUGHBY
	2020		CALIFORNIA STYLE DETAILING	999 WATERSIDE DR	MARTIN, JOHN A	811192.00	Car Wash	59	DOWNTOWN
	2020		ENTERPRISE RENT-A-CAR	751 MONTICELLO AVE	ENTERPRISE LEASING CO OF NFLK/RICH	532112.00	Passenger Car Leasing	59	DOWNTOWN
	2020		PARKER OIL CO INC	857 MONTICELLO AVE	PARKER OIL CO INC	447190.00	Gas Stations	59	DOWNTOWN
	2020		GRANBY ST PALMS LLC	425 MONTICELLO AVE	GRANBY ST PALMS LLC	444220.00	Nursery & Garden Centers	59	DOWNTOWN
	2020		MARINE OIL SERVICE INC	201 E CITY HALL AVE	MARINE OIL SERVICE INC	562111.00	Solid Waste Collection	59	DOWNTOWN
	2020		DOWNTOWN PIT STOP	770 BOUSH STREET	WOODFIN HEATING INC	811192.00	Car Wash	59	DOWNTOWN
	2020		PETS MATE	201 W TAZEWELL STREET	PETS MATE LLC	812910.00	Pet Services (not Veterinary)	59	DOWNTOWN
	2020		DOWNTOWN PIT STOP	770 BOUSH STREET	WOODFIN HEATING INC	447190.00	Gas Stations	59	DOWNTOWN
	2020		TRANSPORTATION KINGZ LLC	259 GRANBY STREET	TRANSPORTATION KINGZ LLC	485999.00	All Other Passenger Transportation	59	DOWNTOWN
	2020		C & P MOBILE AUTO REPAIR	1813 BOURBON AVE	WILLOUGHBY, LAMONT D	811111.00	General Automotive Repair	51	LAYFAYETTE
	2020		ONE STOP FOOD MART #355	2628 TIDEWATER DR	J & M INVESTMENTS INC	447110.00	Gas Station @ Convenience Store	51	LAYFAYETTE
	2020		MAJESTIC WAD LLC	3106 PERONNE AVE	MAJESTIC WAD LLC	485310.00	Taxi	51	LAYFAYETTE
	2020		O'REILLY AUTO PARTS #4479	3212 TIDEWATER DR	O'REILLY AUTOMOTIVE STORES INC	423110.00	Auto Sales Wholesale	51	LAYFAYETTE
	2020		BARNEYS BUDDIES LLC	1741 TAIT TERRACE	BARNEYS BUDDIES LLC	812910.00	Pet Services (not Veterinary)	51	LAYFAYETTE
	2020		MITCH'S BRAKE & MUFFLER	2801 LAFAYETTE BOULVARD	MITCH'S BRAKE & MUFFLER INC	811111.00	General Automotive Repair	51	LAYFAYETTE
	2020		TINEE GIANT #172	2001 LAFAYETTE BOULVARD	COASTAL INVESTMENTS INC	447110.00	Gas Station @ Convenience Store	51	LAYFAYETTE
VAR052227	2020		US Postal Service - Lafayette Station	2655 Tidewater Drive				51	LAYFAYETTE
	2020		7-ELEVEN STORE #25925A	8595 TIDEWATER DR	PTE INC	811192.00	Car Wash	11	NORTHSIDE
	2020		POISED PUPS	145 E LEICESTER AVE	POISED PUPS LLC	812910.00	Pet Services (not Veterinary)	11	NORTHSIDE
	2020		7-ELEVEN STORE #25925A	8595 TIDEWATER DR	PTE INC	447110.00	Gas Station @ Convenience Store	11	NORTHSIDE
	2020		SRB LIMOUSINE LLC	167 E EVANS STREET	SRB LIMOUSINE LLC	485320.00	Limousine Services	11	NORTHSIDE
	2020		GEORGE WYNN	6949 SEWELLS POINT RD	WYNN, GEORGE NATHANIEL	562119.01	Junk Dealer	40	CHESAPEAKE MANOR
	2020		D L SHADY GARAGE	7425 SEWELLS POINT RD	SHADY, DENNIS L	811111.00	General Automotive Repair	40	CHESAPEAKE MANOR
	2020		WAL-MART SUPERCENTER #5488	7530 TIDEWATER DR	WAL-MART STORES EAST LP	811111.00	General Automotive Repair	40	CHESAPEAKE MANOR
	2020		HERMAN'S MOBILE AUTO REPAIR	7419 SEWELLS POINT RD	COUNCIL, HERMAN J	811111.00	General Automotive Repair	40	CHESAPEAKE MANOR

Prioritized Inspection Schedule - Norfolk Industrial & High Risk Facilities

VPDES Permit No.	Fiscal Year Proposed Inspection Date	Inspection Date	Commerical / Industrial Name	Address	Owner Name	NAIC_Code	Class	Planning District #	Planning District Name
	2020		M & M AUTO CARE	7425 SEWELLS POINT RD.	GIVENS, MARCUS A	811111.00	General Automotive Repair	40	CHESAPEAKE MANOR
	2020		SAM'S CLUB #4733 GAS STATION	7530 TIDEWATER DR	SAM'S EAST INC	447190.00	Gas Stations	40	CHESAPEAKE MANOR
	2020		K MART #4988 (GAS & CONV STORE)	6101 N MILITARY HWY	K MART CORP	447110.00	Gas Station @ Convenience Store	44	EAST NORVIEW
	2020		WAWA #8628	6301 N MILITARY HWY	WAWA INC	447110.00	Gas Station @ Convenience Store	44	EAST NORVIEW
	2020		7-ELEVEN STORE #36463A	8594 TIDEWATER DR	PTE INC	447190.00	Gas Stations	12	OCEANAIR
	2020		BAYVIEW BP	8595 CHESAPEAKE BLVD	HORTON & WHO LLC	811111.00	General Automotive Repair	12	OCEANAIR
	2020		BAYVIEW BP	8595 CHESAPEAKE BLVD	HORTON & WHO LLC	447190.00	Gas Stations	12	OCEANAIR
	2020		JAY JAY'S CAR WASH	4126 LLEWELLYN AVE	REAL CHANCE LLC	811192.00	Car Wash	53	COLONIAL PLACE
	2020		WARD, LARRY JUNIOR	4507 COLONIAL AVE	WARD JR, LARRY	562119.01	Junk Dealer	53	COLONIAL PLACE
	2020		ARVO AUTO RESTORATION	4809 COLONIAL AVE	ARVO AUTO RESTORATION LLC	811121.00	Auto Body & Paint Repair	53	COLONIAL PLACE
	2020		BIG AL'S MUFFLERS & BRAKES	3930 GRANBY STREET	ANZELL AUTOMOTIVE INC	811111.00	General Automotive Repair	53	COLONIAL PLACE
	2020		GRANBY SHELL	4225 GRANBY STREET	GRANBY MOBIL CORP	811111.00	General Automotive Repair	53	COLONIAL PLACE
	2020		RIVERVIEW SHELL	4002 GRANBY STREET	COLVIEW CORP	447110.00	Gas Station @ Convenience Store	53	COLONIAL PLACE
	2020		GRANBY SHELL	4225 GRANBY STREET	GRANBY MOBIL CORP	447110.00	Gas Station @ Convenience Store	53	COLONIAL PLACE
	2020		7-ELEVEN STORE#23323A	3800 GRANBY STREET	BHATTI, MANPREET	447110.00	Gas Station @ Convenience Store	53	COLONIAL PLACE
	2021		URBAN RECYCLE INC	500 NAVAL BASE RD	URBAN RECYCLE INC	562920.00	Material Recovery Facility	38	DENBY PARK
	2021		SOUTHERN AUTO SALES & RENTALS INC	7467 TIDEWATER DR	SOUTHERN AUTO SALES AND RENTALS	532111.00	Passenger Car Rental	38	DENBY PARK
	2021		BIG AL'S MUFFLERS & BRAKES	287 E LITTLE CREEK RD	ANZELL AUTOMOTIVE INC	811111.00	General Automotive Repair	38	DENBY PARK
	2021		BRESS AUTO SERVICE	7471 TIDEWATER DR	BRESS, ROGER ALLEN	811111.00	General Automotive Repair	38	DENBY PARK
	2021		RACE COAST	303 E LITTLE CREEK RD	SS OPCO I LLC	447110.00	Gas Station @ Convenience Store	38	DENBY PARK
	2021		7-ELEVEN STORE #19108A	7431 TIDEWATER DR	MCM INVESTMENT INC	447190.00	Gas Stations	38	DENBY PARK
	2021		LOVE FOOD MART 10	303 E LITTLE CREEK RD	HARE RAM INC	447190.00	Gas Stations	38	DENBY PARK
	2021		SOUTHERN AUTO SALES & RENTALS INC	7467 TIDEWATER DR	SOUTHERN AUTO SALES AND RENTALS	441120.00	Used Car Dealer	38	DENBY PARK
	2021		HAPPY PLACE	5548 BROOKVILLE RD	HAPPY PLACE LLC	812910.00	Pet Services (not Veterinary)	84	POPLAR HALLS
	2021		PAPCO INC	930 BRIAR HILL RD	PAPCO INC	447110.00	Gas Station @ Convenience Store	84	POPLAR HALLS
	2021		TIDEWATER DRIVE AUTO SALES INC	5585 E VIRGINIA BEACH BLVD	TIDEWATER DRIVE AUTO SALES INC	441110.00	New Car Dealer	84	POPLAR HALLS
	2021		GORDON MOTOR AUTO SALES INC	5203 E VIRGINIA BEACH BLVD	GORDON MOTOR AUTO SALES INC	441120.00	Used Car Dealer	84	POPLAR HALLS
	2021		AUTO OUTLET SALES & RENTAL LLC	5573 E VIRGINIA BEACH BLVD	AUTO OUTLET SALES & RENTAL LLC	441120.00	Used Car Dealer	84	POPLAR HALLS
	2021		TRINITY PRE OWNED AUTO SALES	5139 E VIRGINIA BEACH BLVD	TRINITY PRE OWNED AUTO SALES INC	441120.00	Used Car Dealer	84	POPLAR HALLS
	2021		D'S TOWING	460 PEPPER MILL LN	DOXIE, ARNOLD	488410.00	Tow Truck Services	84	POPLAR HALLS
	2021		WHISKERS & PAWS	8028 ROXBORO RD	DEY, RICHELE A	812910.00	Pet Services (not Veterinary)	16	OAKDALE FARMS
	2021		POSH PET SITTING AND TRAINING	8234 MERCER DR	CUELLAR, PAULA L	812910.00	Pet Services (not Veterinary)	16	OAKDALE FARMS
	2021		AVIS RENT A CAR	2200 NORVIEW AVE	AVIS RENT A CAR SYSTEM LLC	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021		BUDGET RENT A CAR SYSTEM INC	2200 NORVIEW AVE	BUDGET RENT A CAR SYSTEM INC	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021		DOLLAR RENT A CAR	2200 NORVIEW AVE	DTG OPERATIONS INC	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021		THRIFTY CAR RENTAL	2200 NORVIEW AVE	DTG OPERATIONS INC	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021		ENTERPRISE RENT-A-CAR	2200 NORVIEW AVE	ENTERPRISE LEASING CO OF NFLK/RICH	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021		HERTZ LOCAL EDITION	6101 BURTON STATION RD	HERTZ CORP, THE	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021		THE HERTZ CORP	2200 NORVIEW AVE	HERTZ CORP, THE	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021		NATIONAL CAR RENTAL/ALAMO CAR RENTAL	2200 NORVIEW AVE	ENTERPRISE LEASING CO OF NFLK/RIC L	532111.00	Passenger Car Rental	23	NORFOLK INTERNATIONAL AIRPORT
	2021		PRIDE ROC	880 WIDGEON RD	MURPHY, DAVID A	811192.00	Car Wash	42	CORONADO
	2021		KNIGHT'S SERVICE CENTER	6575 TIDEWATER DR	KNIGHT, DANIEL W	811111.00	General Automotive Repair	42	CORONADO
	2021		BAHIA AUTO SALES	6581 TIDEWATER DR	BAHIA AUTO COMPANY	811111.00	General Automotive Repair	42	CORONADO
	2021		DAVE LISTON'S AUTO OUTLET	6907 SEWELLS POINT RD	LISTON, DAVID J	441120.00	Used Car Dealer	42	CORONADO
	2021		TAURUS AUTO SALES	6581 TIDEWATER DR	VIRGINIA ATLANTIC TRADING LLC	441120.00	Used Car Dealer	42	CORONADO
	2021		BAHIA AUTO SALES	6581 TIDEWATER DR	BAHIA AUTO COMPANY	441120.00	Used Car Dealer	42	CORONADO
	2021		EXECUTIVE ATLANTIC LLC	888 WIDGEON RD	EXECUTIVE ATLANTIC LLC	485320.00	Limousine Services	42	CORONADO
	2021		TAKE ME DOWN TOWN LLC	888 WIDGEON RD	TAKE ME DOWN TOWN LLC	485320.00	Limousine Services	42	CORONADO
	2021		DAVE LISTON'S AUTO OUTLET	6907 SEWELLS POINT RD	LISTON, DAVID J	423110.00	Auto Sales Wholesale	42	CORONADO
	2021		JJK ENTERPRISES #229	2701 E OCEAN VIEW AVE	JJK ENTERPRISES INC	447110.00	Gas Station @ Convenience Store	6	PRETTY LAKE
	2021		SCRUBBERS WASH AND WAX	719 MAURY AVE	AVEN, DAVID M	811192.00	Car Wash	62	NORTH GHENT
	2021		JOE'S TIRES & RIMS INC	6000 E VIRGINIA BEACH BLVD	JOE'S TIRES & RIMS INC	811111.00	General Automotive Repair	77	LAKE TERRACE
	2021		J & M TIRE	6100 E VIRGINIA BEACH BLVD	PBM INC	811111.00	General Automotive Repair	77	LAKE TERRACE
	2021		RT MOTORCYCLE & AUTO	6106 E VIRGINIA BEACH BLVD	RICHARDSON, KERRY THEODORE	811111.00	General Automotive Repair	77	LAKE TERRACE
	2021		JOE'S TIRES & RIMS INC	6000 E VIRGINIA BEACH BLVD	JOE'S TIRES & RIMS INC	441320.00	Tire Dealers	77	LAKE TERRACE
	2021		BEACH AUTO	6030 E VIRGINIA BEACH BLVD	MAR-PAT INC	441120.00	Used Car Dealer	77	LAKE TERRACE
	2021		JOE'S TIRES & RIMS INC	6000 E VIRGINIA BEACH BLVD	JOE'S TIRES & RIMS INC	423130.00	Tires & Tubes Wholesale	77	LAKE TERRACE
	2021		INTERNATIONAL AUTO CARE LLC	2390 E LITTLE CREEK RD	INTERNATIONAL AUTO CARE LLC	811111.00	General Automotive Repair	18	ROOSEVELT GARDENS
	2021		BOOTY THE JUNK MAN	1343 BRANCH RD	CAREY, CRAWFORD P	562119.01	Junk Dealer	41	ROSEMONT
	2021		NEW HORIZON BUS CO INC	7607 EVELYN T BUTTS AVE	NEW HORIZON BUS CO INC	485999.00	All Other Passenger Transportation	41	ROSEMONT
	2021		R T BODY SHOP INC	7615 MERRITT STREET	R T BODY SHOP INC	811111.00	General Automotive Repair	41	ROSEMONT
	2021		7-ELEVEN 25098A	1000 E BAYVIEW BOULEVARD	FISCHER ENTERPRISES INC	447110.00	Gas Station @ Convenience Store	13	WILLOW TERRACE
	2021		ATTA-BOY PET SITTING SERVICE	1670 COUGAR AVE	DOUGLAS, STEVEN M	812910.00	Pet Services (not Veterinary)	17	BEL-AIRE
	2021		STAR MINI MART	1542 E LITTLE CREEK RD	ZARA & ZARIN CORPORATION	447110.00	Gas Station @ Convenience Store	17	BEL-AIRE
	2021		PRIDE AUTOMOTIVE CORP	1530 E LITTLE CREEK RD	PRIDE AUTOMOTIVE CORP	441120.00	Used Car Dealer	17	BEL-AIRE
	2021		DOMINION LIMO LLC	8110 ANGLEWOOD CT	DOMINION LIMO LLC	485320.00	Limousine Services	17	BEL-AIRE
	2021		CAR-MATIC SYSTEMS	3111 E VIRGINIA BEACH BLVD	C-TECH INC	811111.00	General Automotive Repair	70	LIBERTY - ROBERTS PARK
	2021		THE TIRE STORE INC	3013 E VIRGINIA BEACH BLVD	TIRE STORE INC, THE	811111.00	General Automotive Repair	70	LIBERTY - ROBERTS PARK
	2021		THE TIRE STORE INC	3013 E VIRGINIA BEACH BLVD	TIRE STORE INC, THE	441320.00	Tire Dealers	70	LIBERTY - ROBERTS PARK
	2021		WIGGINS TRANSPORT	2721 MYRTLE AVE	WIGGINS, LINWOOD I JR	485999.00	All Other Passenger Transportation	70	LIBERTY - ROBERTS PARK
	2021		INGLESIDE BP	3025 E VIRGINIA BEACH BLVD	TIDEWATER CONVENIENCE INC	447110.00	Gas Station @ Convenience Store	70	LIBERTY - ROBERTS PARK

SOP 628

DEPARTMENT OF PUBLIC WORKS OPERATIONS STORM WATER INFRASTRUCTURE INSPECTION PROGRAM

DATE WRITTEN:	May 8, 2017
DATE REVISED:	
PREPARED BY:	June Whitehurst, Environmental Program Manager; Chris Siemering, Engineering Technician
REVIEWED BY:	Peter Garner, Operations Engineering Manager
FILE PATH:	
REFERENCE:	MS4 Permit; City Ordinances
DISTRIBUTION:	Management Services; Operations

PURPOSE/OBJECTIVE:

To define guidelines, protocols, and procedures for the Storm Water Infrastructure Inspection Program. The purpose of this program is to identify and control pollutants in storm water discharges.

BACKGROUND:

The City of Norfolk is mandated by federal and state law, as well as the City's MS4 VPDES Permit, VA0088650, to monitor and control pollutants in storm water discharges from the City storm water conveyances. One component of the program is the detection and elimination of illicit discharges into the City's MS4 system.

Prior to 2017, the storm water maintenance program was predominately complaint based. In 2017, the City initiated a strategic preventative inspection program to identify system maintenance problems, identify and eliminate illicit discharges through dry weather monitoring, and update the GIS mapping system.

DEFINITIONS:

Illicit Discharge – Discharge to the storm water system that is not comprised entirely of rain water or an authorized discharge. Illicit discharges are often, but not limited to, petroleum products (i.e., motor oil, antifreeze, hydraulic oil, transmission fluid, etc.), paint and solid waste.

MS4 VPDES Permit – Municipal Separate Storm Sewer System Virginia Pollution Discharge Elimination System is a permit issued to the City of Norfolk by the state of Virginia authorizing, under prescribed conditions, the potential or actual discharge of pollutants from a point source to surface waters. Best management practices and good housekeeping practices must be implemented and maintained to the maximum extent practicable to reduce the pollutants from discharging to natural waterways of the US.

RESPONSIBILITIES:

Department of Public Works Operations is the administrator of the MS4 VPDES Permit, VA0088650. Environmental staff ensures compliance with the VPDES permit associated with illicit discharges to the storm water system.

Storm Water Engineering Technician Staff implement the inspection program.

Storm Water Operational Staff complete any necessary maintenance work on the storm water infrastructure including system cleaning and system repair.

SOP 628

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Storm Water GIS Technician staff update the storm water GIS mapping system.

PROCEDURES:

1) Prioritized Inspection Schedule:

The inspection program is prioritized based on (1) the 90 City Planning Districts, (2) high-risk commercial and industrial sites identified in SOP#627, and (3) system cleaning work zones. These three prioritization areas were overlaid in the GIS mapping system to assist with establishing a strategic storm water inspection program that not only addressed maintenance, but permit compliance as well.

As part of the Commercial and Industrial Outfall Inspection Program for permit compliance, the inspection areas have been prioritized utilizing the high-risk commercial and industrial sites as the highest priority. The Planning Districts with the most number of high-risk commercial and industrial sites are inspected sooner in the permit cycle. Those planning districts with 31-60 or 21-30 high-risk sites are first on the inspection schedule. Those planning districts that show zero high-risk facilities are listed last on the inspection schedule.

Identifying and scheduling preventative maintenance is secondary to the inspection program. Therefore, where scheduling would allow, the prioritization rotated between the three system cleaning zones to evenly distribute the work load among the three maintenance crews.

There are approximately 28,000 structures to be inspected City-wide. The initial schedule assumes approximately 560 structures per month to be inspected over the 5-year permit cycle (ending June 30, 2021). Attachment A is a map of the high-priority commercial and industrial distribution by planning district. Attachment B is the Inspection schedule.

2) Storm Water Inspection Criteria:

The inspection criteria are outlined in the Storm Water Preventative Inspection Field Sheet, Attachment C of this SOP. This program consists of visual inspections of the storm water infrastructure including catch basins, manholes or drop inlets.

Background Data - The background data includes the date and time of the inspection, inspector information, and structure identification based on the City's GIS nomenclature. This information is provided to track structures that have been inspected for tracking purposes.

Structure Description - The structure description section is designed to assist with the update of the GIS database. This portion of the report is only applicable if the GIS information is outdated or non-existent. The inspector will complete this section including the pertinent information for each structure including structure type, material, dimensions, etc. If the system needs to be updated, the technician will report back to the GIS Technician to ensure that any necessary updates to the GIS layers have been completed.

Quantitative Characterization – The quantitative characterization identifies if dry weather flow is present. If there is no flow present, the inspector will move on to Inspection of the system. If flow if present, the inspector will coordinate with the Environmental Staff, where necessary, to complete field monitoring analysis to identify the source of any potential illicit discharges. Generally, flow should not be present 48-hours following a rain event. However, in Norfolk, tidal

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flow may be present since approximately 60% of the City's storm water system is inundated with tidal waters during a normal cycle.

Physical Indicators – The physical indicators are field tests that are performed on flowing water within the storm water system, where no flow should be occurring, to identify and eliminate potential illicit discharges. These tests are simple field analysis utilizing visual indicators and simple chemical analysis.

Inspection for Structure Maintenance – The inspector will also identify maintenance problems with the structure. These inspections are primarily based on what the inspector can see from the street level. The inspector is not authorized to enter a basin or other confined space to inspect the system without prior authorization, proper training, and proper equipment. A pole camera or CCTV camera may be utilized, when available, for advanced inspection of pipes. If the inspector identifies structural damage or cleaning requirements, he will submit a service request for the Operational crews to complete the maintenance work. Pictures will be taken, when necessary, to clearly identify the maintenance problems.

3) Analyze and Modify the Inspection Program:

The goal of the initial schedule is to complete inspection of the entire City within the 5-year MS4 permit cycle (by June 30, 2021). The schedule will be evaluated after year 1 (January 2018) to determine if the schedule is too ambitious and re-evaluate the prioritization schedule at that time.

Due to the ever-evolving nature of the program the inventory of high-risk facilities may be evaluated and updated; this may modify the schedule.

The number of inspections conducted, and the number of problems discovered and resolved will be documented.

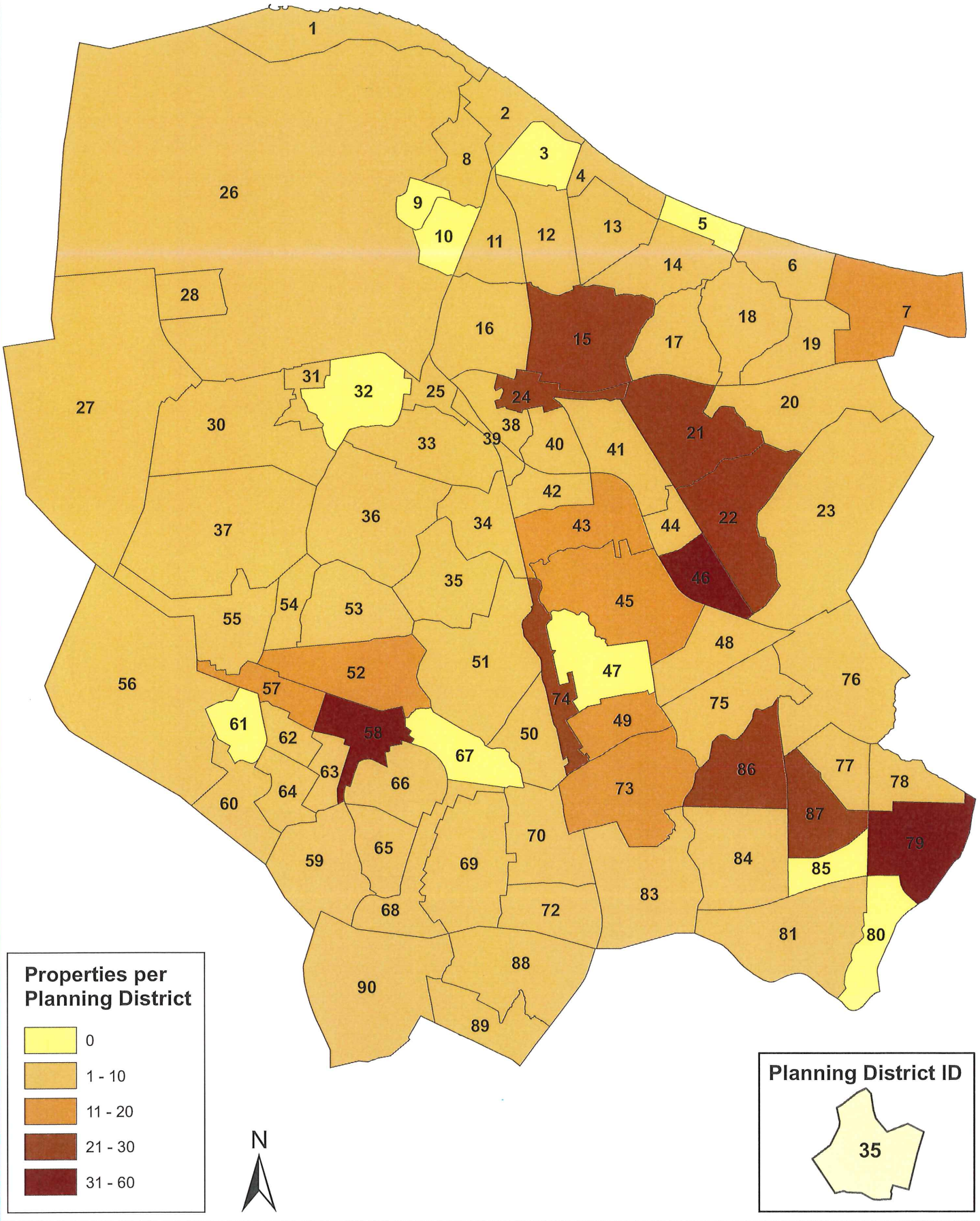
Program assessment will be submitted with each annual report discussing the activities completed for the previous program year. This will include a report on inventory, including the type and total number of structures inspected.

APPROVED:

Peter S. Garner, P.E.
Operations Engineering Manager
Public Works Operations

Attachment A – High-Priority Commercial and Industrial Facility Distribution Map
Attachment B – Storm Water Infrastructure Prioritization Schedule
Attachment C – Storm Water Preventative Inspection Field Sheet

High Priority Commercial and Industrial Facility Distribution



Storm Water Infrastructure Inspection Schedule

Schedule	Year	Zone	Priority	PD#	PD Name	Structure	Pipe (miles)
Apr	2017	2	High	79	Kempsville	504	7.46
May	2017	1	High	58	East 21st Street - Monticello	454	6.66
May	2017	3	Low	25	Wards Corner	109	1.83
Jun	2017	3	Med	73	Industrial Park	697	8.9
Jul	2017	2	High	86	Crown Point	419	5.58
Jul	2017	1	Med	57	West 21st Street	152	2.83
Aug	2017	3	High	15	North Chesapeake Blvd	556	8.16
Sep	2017	3	High	24	Southern Shopping Center	248	4.97
Sep	2017	3	High	74	Cromwell Road Industrial	290	3.26
Oct	2017	2	Med	49	Coleman Place	748	5.81
Nov	2017	3	High	21	Larrymore	378	6.7
Nov	2017	2	High	46	Norvella	268	3.69
Dec	2017	3	High	22	Azalea	376	5.03
Dec	2017	3	Low	72	Chesterfield	193	2.36
Jan	2018	2	Med	45	Norview	727	8.83
Feb	2018	1	Low	69	Brambleton	1116	15.75
Mar	2018	1	Low	69	Brambleton		
Apr	2018	2	Low	35	Lake Wood	104	1.27
Apr	2018	2	High	87	Janaf (Military Circle)	458	7.11
May	2018	3	Med	7	Shore Drive	558	8.99
Jun	2018	1	Med	52	Park Place	475	7.15
Jun	2018	3	Low	14	Snug Harbor	139	1.82
Jul	2018	1	Low	56	Lamberts Point Industrial	70	2.37
Jul	2018	1	Low	55	Lamberts Point - ODU	498	7.51
Jul	2018	3	Low	19	North Camellia	125	2.58
Aug	2018	3	Low	4	Oceanview	109	1.96
Aug	2018	3	Low	20	South Camellia	453	5.61
Sep	2018	2	Low	81	River Forrest	707	4.08
Oct	2018	2	Low	88	Campostella Heights	312	4.44
Oct	2018	3	Low	33	Suburban	247	3.79
Nov	2018	1	Low	89	Campostella	216	3.64
Nov	2018	3	Med	43	Sewells Gardens	364	5.86
Dec	2018	1	Low	89	Campostella	691	10.79
Jan	2019	3	Low	8	Pamlico	214	3.72
Jan	2019	3	Low	2	West Ocean View	401	6.65
Feb	2019	1	Low	64	Ghent	346	4.85
Feb	2019	1	Low	68	Tidewater Drive Industrial	237	4.39

Schedule	Year	Zone	Priority	PD#	PD Name	Structure	Pipe (miles)
Mar	2019	2	Low	83	Ingleside	399	3.94
Mar	2019	2	Low	78	Maple Hall - Hollywood	169	2.84
Apr	2019	1	Low	60	Medical Center	274	4.3
Apr	2019	1	Low	63	East Ghent	276	4.47
May	2019	1	Low	66	Huntersville	552	7.65
Jun	2019	1	Low	90	Berkley	428	6.59
Jun	2019	1	Low	54	North Colley	80	1.15
Jul	2019	2	Low	76	Lake Taylor	464	6.97
Jul	2019	3	Low	31	Titustown	95	1.48
Aug	2019	1	Low	37	Edgewater - Larchmont	360	5.25
Aug	2019	2	Low	50	Ballentine Park	180	2.45
Sep	2019	3	Low	28	Glenwood Park	200	3.23
Sep	2019	3	Low	30	North Shore	324	5.24
Oct	2019	3	Low	26	Naval Base	319	6.04
Oct	2019	3	Low	36	Talbot Park	274	3.77
Nov	2019	2	Low	75	River Oaks	523	4.97
Nov	2019	3	Low	39	Naval Base Road	31	0.42
Dec	2019	2	Low	48	Foxhall	485	7.84
Dec	2019	3	Low	34	Roland Park	78	1.03
Jan	2020	1	Low	65	Tidewater- Young Park	346	3.89
Jan	2020	3	Low	1	Willoughby	224	3.49
Feb	2020	1	Low	59	Downtown	1506	15.78
Mar	2020	1	Low	59	Downtown		
Apr	2020	2	Low	51	Layfayette	438	4.09
May	2020	3	Low	40	Chesapeake Manor	142	2.55
May	2020	3	Low	44	East Norview	151	2.41
May	2020	3	Low	11	Northside	263	3.77
Jun	2020	1	Low	53	Colonial Place	241	2.83
Jun	2020	3	Low	12	Ocean Air	327	5.34
Jul	2020	2	Low	84	Poplar Halls	432	5.68
Jul	2020	3	Low	38	Denby Park	126	2.16
Aug	2020	3	Low	23	International Airport	109	1.37
Aug	2020	3	Low	16	Oakdale Farms	262	4.12
Aug	2020	3	Low	42	Coronado	178	2.72
Sep	2020	2	Low	77	Lake Terrace	211	2.16
Sep	2020	1	Low	62	North Ghent	152	2.52
Sep	2020	3	Low	6	Pretty Lake	136	2.59
Oct	2020	3	Low	41	Rosemont	523	10.34
Oct	2020	3	Low	18	Roosevelt Gardens	108	1.75

Schedule	Year	Zone	Priority	PD#	PD Name	Structure	Pipe (miles)
Nov	2020	3	Low	17	Bel-Aire	256	3.15
Nov	2020	3	Low	13	Willow Terrace	254	4.82
Dec	2020	3	Low	70	Liberty Roberts Park	477	7.97
Jan	2021	2	Last	47	Estabrook	506	4.53
Jan	2021	3	Last	9	Merrimac Park	60	1.03
Feb	2021	2	Last	80	Easton	246	2.3
Mar	2021	2	Last	85	Glenrock	607	3.11
Apr	2021	3	Last	5	Cap View	51	1.06
Apr	2021	1	Last	61	West Ghent	132	2.23
Apr	2021	3	Last	3	Pinewell	185	3.45
May	2021	3	Last	10	Commodore Park	75	0.96
May	2021	2	Last	67	Lindenwood	152	2.54
May	2021	3	Last	32	Sussex	185	2.88

FY17	1,764
FY18	7,205
FY19	7,168
FY20	6,971
FY21	5,423
Total	28,531

Notes:
1. Approximately 560 Structures Per Month scheduled to be inspected to complete by end of permit cycle.
2. MS4 Permit cycle ends June 30, 2021.
3. Program Evaluated in January 2018 to determine if the inspection program is on schedule.
4. Priority is based on # of High Priority Industrial & Commercial properties located within each PD.
5. Developed May 2017

STORM WATER PREVENTATIVE INSPECTION FIELD SHEET

Section 1: Background Data

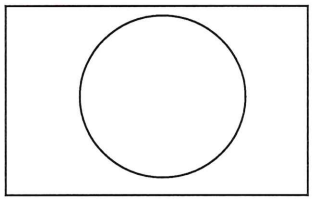
Today's date:	Time:
Investigator:	Signature:
Structure #:	Address:
Land Use in Drainage Area (Check all that apply): ☐ Industrial ☐ Residential ☐ Commercial	Approximate Temperature (°F): Rainfall (Last 48-hours): YES NO

Section 2: Structure Description **(This is only applicable if the GIS needs to be updated):** **Is Section 2 Applicable:** YES / NO *(If "No" Skip to Section 3)*

STRUCTURE TYPE	MATERIAL	OWNER	MEDALLION	DIMENSIONS (IN.)	OUTFALL SUBMERGED
☐ Catch Basin (CB) ☐ Drop Inlet (DI) ☐ Yard Basin (YB) ☐ Curb Inlet (CI) ☐ Junction Chamber (JC) ☐ Man Hole (MH) ☐ Outfall (OF) ☐ Other:_____	☐ Concrete ☐ Brick ☐ PVC ☐ HDPE ☐ Steel ☐ Polymer ☐ Combination ☐ Other:_____	☐ City of Norfolk ☐ Private ☐ Other: _____ _____ _____	☐ YES ☐ NO	RIM : _____ INVERT: _____	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☐ No ☐ Partially ☐ Fully

LID STYLE	LID Size (Inches)	PIPES:	
☐ Standard ☐ Grate ☐ Decorative ☐ Non-standard ☐ Other: _____	_____	Pipe Material: _____ Pipe Type: _____	N W E S

Indicate Number of pipes in/out of structure & direction flow:



Section 3: Quantitative Characterization

Dry Wx Flow Present?	☐ Yes ☐ No *(If No, Skip to Section 5)*
Flow Description	☐ Trickle ☐ Moderate ☐ Substantial ☐ Tidal *(If Tidal, Skip to Section 5)*

Section 4: Physical Indicators for Flow Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐Yes ☐ No	☐ Sewage ☐ Rancid/sour ☐ Petroleum ☐ Natural Gas ☐ Sulfide/Rotten Egg ☐ Other:_____	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐Yes ☐ No	☐ Clear ☐ Sheen (Rainbow) ☐ Other_____	☐ 1 – Faint colors	☐ 2 – Clearly visible	☐ 3 – Dark
Turbidity	☐Yes ☐ No	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐Yes ☐ No	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Surface Scum ☐ Other _____	☐ 1 – Few/slight ☐ 1 - Origin obvious	☐ 2 – Some ☐ 2 - Indications of origin	☐ 3 – Large Amt ☐ 3 - Origin unknown

CHEMICAL ANALYSIS	RESULT	CHEMICAL ANALYSIS	RESULT
pH		Alkalinity	☐Present ☐ Absent
Chlorine	☐Present ☐ Absent	Detergents	☐Present ☐ Absent
Oil	☐Present ☐ Absent	Other	

Section 5: Inspection for Structure Maintenance

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Structural Damage	☐Yes ☐ No	☐ Cracking or Chipping ☐ Corrosion ☐ Curb & Gutter Damage ☐ Cave ☐ Collar Damage ☐ Brick or Mortar Damage ☐ Pipe Displacement ☐ Missing Lid ☐ Damaged Lid	Date SR Ordered:
Pipe Damage (Pole Camera)	☐Yes ☐ No	☐ Cracking or Chipping ☐ Joint Displacement ☐ Cave-In ☐ Debris Build-up ☐ Root Intrusion ☐ Standing Water	Date SR Ordered:
Trash & Debris Buildup	☐Yes ☐ No	☐ 100% Pipe Blockage ☐ Partial Pipe Blockage ☐ Loose Bottom Accumulation	Date SR Ordered:

Other Comments: _____

DEPARTMENT OF PUBLIC WORKS
OPERATIONS
Storm Water Best Management Practice Inspections

DATE WRITTEN: March 8, 2005
DATE REVISED: June 28, 2017
PREPARED BY: Kyle Quick, Environmental Specialist; June Whitehurst, Environmental Programs Manager
REVIEWED BY: Peter Garner, Operations Engineering Manager
FILE PATH: K:\0000 - PW\Admin\SOPs\0600 - Comb Ops\Operations SOPs\SOP 624 Storm Water Best Management Practice Inspections
DISTRIBUTION: Operations Personnel

PURPOSE / OBJECTIVE:

To define guidelines for the inspection and enforcement for the installation and maintenance of all private and city-owned storm water structural best management practices (BMPs). BMPs reduce the flow of water and remove unwanted contaminants from the storm water prior to it entering the City MS4 system and local waterways. BMPs are regularly inspected to ensure they are working as designed and maintained in such a manner to not cause flooding, become a nuisance, or impose a threat to health and safety.

RESPONSIBILITIES:

Public Works Operations must abide by the Virginia Pollution Discharge Elimination System (VPDES) Permit, VA0088650. Storm water BMPs are required by state law to be inspected at least once every 5 years.

OTHER:

BMPs are used to reduce pollution in and/or volume of storm water runoff, thereby protecting area waterways. Some examples of structural storm water BMPs include infiltration trenches, grass swales, detention basins, retention ponds, oil/grit separators, bioretention basins, manufactured BMPs, etc.

REQUIREMENTS:

1. BMPs are approved for installation after an extensive site plan review by a designated Operations engineer. All pertinent information pertaining to the BMPs are entered into the current BMP tracking database.

2. As part of the site plan approval process, a Declaration of Covenants for Storm and Surface Water Facility and System Maintenance (BMP Maintenance Agreement) should be signed and notarized by the owner or responsible party of the private property being developed to maintain the BMP after construction. That party will remain responsible for all maintenance until the property is sold; at which time the new owner is responsible for maintaining the BMP. A copy of the agreement is filed with the clerk of the court by the owner or responsible party. A copy of the agreement is also maintained in the site plan file at the Division.

3. Storm water management (SWM) facilities, including BMPs, are required to be installed in accordance with the approved plans, and manufacturers' specifications where applicable. The City of Norfolk Planning Department, Building Safety Bureau will inspect the installation of onsite stormwater piping and structures. The Department of Public Works, Environmental Storm Water Management staff will inspect the installation of BMPs. Additionally, they also inspect stormwater piping and structures within the City Right-of-Way and piping that ties into the City's MS4 system. During construction, environmental staff will have completed the following procedures:



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OPERATIONS
Storm Water Best Management Practice Inspections

a. A pre-construction meeting will be scheduled to go over expectations. Pre-construction meetings will be documented.

b. Follow up inspections with the contractor will occur throughout the construction process to verify that the BMPs are installed in accordance with the approved plans. These inspections should take place before any backfilling occurs and should include pictures for documentation. If there is a tie-in to the city system, a storm water inspector will inspect the tie-in.

c. A construction record drawing ("As-built" submission) signed and sealed by a professional registered in Virginia will be reviewed by a storm water engineer or their designee to verify the SWM facilities have been installed per the approved plan.

d. A final inspection will be performed by the environmental staff to ensure that the BMP and contributing drainage areas are stabilized. The inspector will also ensure that the site is free of excessive litter or debris, sediment build up, or erosion, and no deviations from the approved construction record drawing.

e. Upon approval of the construction record drawing and the final inspection, the environmental specialist will approve the release of the Certificate of Occupancy (if required) and approval to terminate bonds for stormwater improvements.

4. All privately-owned and city-owned BMP inspections are tracked in the current BMP tracking database. The database enables Public Works Operations to maintain inspection data and to ensure inspections are completed on a routine schedule.

5. When an inspection is conducted, the following items are checked to ensure that the BMP will consistently perform its water quality improvement and/or runoff reduction functions.

a. *Sediment Buildup*: Sediment buildup can reduce the effectiveness of the BMP by blocking inlets and outlets, reducing infiltration rates, and reducing effectiveness of pretreatment practices.

b. *Erosion*: Erosion can lead to reduced volume of the BMP and/or structural failure. Erosion is a common problem around inlets and outlets of BMPs, and may also be caused by roots of woody vegetation and animal burrows.

c. *Debris and Litter Removal*: Regular removal of litter and debris is essential to ensure the BMP is working properly. The BMP must be free from all debris or litter in or around the BMP structure.

d. *Vegetation*: Vegetation must be established and maintained to guard against erosion and sediment buildup, and to maintain designed pollutant removal rates where applicable. Excessive vegetation clippings must be removed from the BMP and disposed of properly.

e. *Deviation from the Construction Record Drawing*: Verify a property owner, tenant, or other responsible party has not modified a post-construction BMP without written approval from the City of Norfolk Department of Public Works storm water engineer, or their designee.

f. *Manufactured BMPs*: The owner or responsible party are required to maintain manufactured BMPs in accordance with the manufacturer's specifications, and to provide evidence of continued maintenance by copies of maintenance records and/or photographic proof.

DEPARTMENT OF PUBLIC WORKS
OPERATIONS
Storm Water Best Management Practice Inspections

g. *Other Maintenance Concerns:* Refer to the Virginia Department of Environmental Quality Stormwater Design Specifications for other evident BMP maintenance concerns

6. The environmental staff will complete a "BMP Inspection Report", and track inspections in the current BMP tracking database. The responsible party will either be sent an email or a letter that lists the BMP maintenance discrepancies and includes a copy of the inspection report, if necessary. The responsible party will have a specified time-period to complete the maintenance after the report has been sent. A re-inspection will occur after the allotted time-period to ensure all corrections have been made. If the corrections have not been made, a second email or letter will be sent with an updated timeframe for corrections. If the inspector has had no contact from the property owner, if letters have been returned, or if the discrepancies have not been addressed after the second letter was sent, then a Notice of Violation (NOV) will be sent or issued. If no progress occurs after the NOV has been issued, legal actions should be taken. The City also holds the right to conduct the corrections after proper warning, and then charge the responsible party for any financial obligations. If the BMP is working properly and does not appear to have any maintenance discrepancies, a note will be made in the file and no report will be sent to the responsible party.

7. Routine maintenance for any City-owned BMP is conducted by Public Works Operations which is submitted in a service request and put into the Hansen tracking system. The City-owned BMPs must also follow all the guidelines established above.

8. The Norfolk Public Schools BMPs are inspected by the environmental staff, however, the school board facilities manager is the main point of contact for any discrepancies regarding BMP maintenance at school facilities. The school board is responsible for maintaining the BMPs and if major work is required beyond the capabilities of facilities personnel, then they will hire a contractor.

Approved:

Peter S. Garner, P.E.
Operations Engineering Manager
Public Works Operations

SWMF Inspections/Reinspections List - FY17 (Public and Private)

Site	SWMF ID	Inspection Notes	Inspection Date	Follow-up Action Required	DCR Classification	Number Of Reinspections	Last Reinspection Date
17th Bay Street Duplexes	14-0092.1	Ok for release of CO.	4/18/2017	No	Dry Swale 2	0	
17th Bay Street Duplexes	14-0092.2	Ok for release of CO.	4/18/2017	No	Dry Swale 2	0	
17th Bay Street Duplexes	14-0092.3	Ok for release of CO.	4/18/2017	No	Dry Swale 2	0	
17th Bay Street Duplexes	14-0092.4	Ok to release CO	4/18/2017	No	Rooftop (Impervious Surface) Disconnection	0	
22nd St. Parking Lot	00-4320.1	U/G Infiltration Trench. Minor sediment accumulation in "box", infiltration lines seem clear - Ok	10/31/2016	No	General Infiltration Practices	0	
2542 E Ocean View Ave	03-0304.1	U/G Infiltration Trench - Ok	11/18/2016	No	General Infiltration Practices	0	
2nd Patrol Division	S53.1	Pervious Pavers. Ok	10/13/2016	No	General Infiltration Practices	0	
2nd Patrol Division	S53.2	Ok. Same as retention pond from 99-3931 - Central Business Park (99-3931.1)	10/13/2016	No	Extended Detention Basin	0	
3350 E. Princess Anne Rd. Walmart-Wawa	13-0074.1	Ok	7/22/2016	No	Bioretention Basins	0	
3350 E. Princess Anne Rd. Walmart-Wawa	13-0074.2	Ok	7/22/2016	No	Bioretention Basins	0	
3608 Sewells Point Rd. Duplex	06-0128.1	Please replace/repair broken PVC cap for observation well.	9/29/2016	Yes	General Infiltration Practices	1	1/17/2017
4206 Pretty Lake two family	08-0073.1	Pavers where infiltration basin is located (see J. Lippencott's notes from 2/20/2014) - Ok	12/1/2016	No	General Infiltration Practices	0	
7-Eleven	13-0031.1	Please maintain the Contech Stormfilter in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	3/21/2017	Yes	Manufactured BMP Systems	1	
71 Unit Multifamily	12-0083.1	Water elevation in unit appears to be high indicating an excessive buildup of sediment and debris in the CDS unit. Please maintain the manufactured BMP (CDS unit) in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	8/31/2016	Yes	Manufactured BMP Systems	1	3/27/2017
711	T161.1	Please replace the broken PVC cleanout caps and the broken PVC cleanout pipe.	8/2/2016	Yes	General Infiltration Practices	1	9/23/2016
8570 Chesapeake Blvd. (18 unit apartments)	T275.1	Please clear accumulated sediment and debris from drop-inlet structure that drains to the infiltration BMP.	4/10/2017	Yes	General Infiltration Practices	1	5/23/2017
8570 Chesapeake Blvd. (18 unit apartments)	T275.2	U/G Infiltration Trench - covered with grass, Ok	4/10/2017	No	General Infiltration Practices	0	
8th Bay Street	03-147.1	Detention Basin is Ok - but investigate possible illicit discharge from neighbor. Hose coming from 9570 7th Bay St. was run through the fence to the drop inlet within the detention basin.	11/18/2016	No	Extended Detention Basin	0	
AAAA Self Storage	01-0166.1	Ok.	8/23/2016	No	Detention Basin	0	
AAAA Self Storage Facility	05-0149.1	Standing water is present within the drop inlets and the infiltration pipes are ~half-full of stormwater and it had not rained in approximately 1 week. Please jet/vactor accumulated sediment within the underground infiltration pipes and clear the accumulated sediment from the drop inlet structures.	11/3/2016	Yes	General Infiltration Practices	2	1/26/2017
Affordable Towing and Recovery	02-0117.1	Ok	8/25/2016	No	Detention Basin	0	
Agent Wall Systems	04-0031.1	Please install swale and route roof drainage from building addition to swale and infiltration BMP (stone filled trench) as shown on plans.	1/11/2017	Yes	General Infiltration Practices	3	8/28/2017

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Site	SWMF ID	Inspection Notes	Inspection Date	Follow-up Action Required	DCR Classification	Number Of Reinspections	Last Reinspection Date
Allied Systems	T178.1	Please clear overgrown vegetation and debris from the detention basin and the outlet swale.	11/28/2016	Yes	Extended Detention Basin	1	1/31/2017
AllSafe Self Storage	03-101.1	Ok	1/5/2017	No	Extended Detention Basin	0	
AllSafe Self Storage	03-101.2	Ok	1/5/2017	No	Extended Detention Basin	0	
Amelia Building at Koger Center	T591.1	Ok	1/17/2017	No	Retention Basin	0	
Anne Outten Pond	S1.1	Aerator not working, and minor amount of trash along waters edge. Allow contractor to remove trash for upcoming pond retrofit under 16-0014	7/28/2016	No	Retention Basin	0	
Anne Outten Pond	S1.1	Excessive amount of trash within pond along northern, southern, and western banks needs to be removed. Aerator not working. Need to cut back woody vegetation growing water's edge around pond. Scheduled for monthly removal of trash and checking inlets and outlets, and biannual (May & September) trimming of trees and shrubs around pond. Last serviced on 6/1/2016 according to Hansen. Contract work to dredge pond and plant along shorelines to begin in the next month or 2, so work order not placed.	5/3/2017	No	Retention Basin	0	
Apartment / Garage	03-0273.1	U/G Infiltration Trench at manhole in grass - minor sediment accumulation in infiltration pipes but good drainage (heavy storm within past 24 hrs and little to no standing water) - Ok	4/7/2017	No	General Infiltration Practices	0	
Apartments	01-0223.1	U/G Infiltration Trench at DI in driveway - minor sediment accumulation in infiltration pipes but drains well (heavy storm within past 24 hrs and no standing water) - Ok	4/7/2017	No	General Infiltration Practices	0	
Applebee's - Janaf Shopping Center	T64	Ok - minor amount of trash present	3/10/2017	No	Detention Basin	0	
Arby's Restaurant	03-0041.1	Ok	1/13/2017	No	Bioretention Basins	0	
Arcet Equipment Co.	T769.1	OWS - last serviced in July 2015. Branch manager, Mr. Steve Beauregard provided the 2015 maintenance record and is scheduling another maintenance for 2017 - Ok	3/28/2017	No	Manufactured BMP Systems	0	
Arcet Equipment Co.	T769.2	Minor amount of trash present. Owner has a landscaping company maintain the area and they regularly clean up the trash as part of their landscaping - Ok	3/28/2017	No	Grassed Swale	0	
Archers Green Apartments	91067.006.1	Please clear sediment and debris out of the underground infiltration pipes and adjacent stormwater structures.	8/4/2016	Yes	General Infiltration Practices	2	2/24/2017
Archers Green Apartments	91067.006.2	Please clear sediment and debris out of the underground infiltration pipes and adjacent stormwater structures.	8/4/2016	Yes	General Infiltration Practices	1	1/25/2017
Atlas Masters Company	06-0078.1	Ok - talked with manger (Matt) about ongoing maintenance.	2/3/2017	No	Detention Basin	0	
Autumn Care	T23.1	Ok	3/10/2017	No	Detention Basin	0	
Auxiliary Systems	T309.1	Please remove equipment from the swale, clear vegetation and debris from the swale and trench drain, and regrade the swale per the approved plans.	5/5/2017	Yes	Grassed Swale	1	7/24/2017
Azalea Super Service	92067.087.1	Please clear fine sediment out of the stone infiltration area along the western side of the driveway entrance.	1/19/2017	Yes	General Infiltration Practices	1	3/6/2017

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B'nai Israel Congregation	00-4301.1	Trench A on Plans. Ok	11/1/2016	No	General Infiltration Practices	0	
B'nai Israel Congregation	00-4301.2	Trench B on plans. Ok	11/1/2016	No	General Infiltration Practices	0	
BAE Systems Parking Lot improvements	11-0072	Please maintain the 3 Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	11/22/2016	Yes	Manufactured BMP Systems	1	1/17/2017
Balance Builders	12-0033.1	Ok	8/19/2016	No	Bioretention Basins	0	
Ballentine Elementary School Lake	S2.1	Ok. Last serviced on 8/24/2016 by SW BMP Maintenance crew. Currently scheduled for monthly trash pickup and April/August trimming of shrubs and trees.	9/15/2016	No	Retention Basin	0	
Ballentine Home	99-4169.1	Ok	8/8/2016	No	General Infiltration Practices	0	
Barraud Park	S-07-0086.1	The observation well and upgradient groundwater discharge swale are not present. Please remove accumulated sediment along curb lines and the curb cut inlet	7/15/2016	Yes	General Infiltration Practices	1	
Barraud Park	S-07-0086.1	Need to remove accumulated sediment along curb lines and from within the curb-cut inlet. The swale and infiltration basin are good, but missing the observation well and groundwater discharge swale. This BMP is not on the maintenance schedule at this time.	5/3/2017	No	General Infiltration Practices	0	
Barry's Performance Car Shop	T93.1	Infiltration trenches - Ok, standing water but inspected during a rain event.	5/5/2017	No	General Infiltration Practices	0	
Barry's Performance Car Shop	T93.2	Infiltration trenches - Ok, standing water but inspected during a rain event.	5/5/2017	No	General Infiltration Practices	0	
Bay Disposal	02-0012.1	Please remove accumulated debris from the outlet control structure.	11/28/2016	Yes	Extended Detention Basin	1	1/31/2017
Bay Disposal	07-0027.1	Ok	12/2/2016	No	Retention Basin	0	
Bay Disposal Material Recovery Facility	14-0001.1	Please stabilize the southern bank of the detention basin, and clear away debris and sediment from the orifice on the outlet structure. Also, please maintain preventative measures to ensure illicit discharges are not impacting the detention basin.	11/28/2016	Yes	Detention Basin	1	1/31/2017
Bay Oaks Place Extension	01-0026.1	U/G Infiltration. 3-4 inches of accumulated sediment in some of the curb inlet structures and adjoining infiltration pipes. Please clean out accumulated sediment within the infiltration pipes and adjoining curb inlet structures.	10/31/2016	No	General Infiltration Practices	0	
Bayview Elementary School Addition / Renovation	NPS06.1	Ok	7/5/2016	No	General Infiltration Practices	0	
Bayview Elementary School Addition / Renovation	NPS06.1	Grass swale/infiltration basin with curb-cut inlets from parking lot - Ok	4/11/2017	No	General Infiltration Practices	0	
Bayview Estates Subdivision	00-4449.1	Please remove riprap and sediment accumulated in the flared-end inlet pipe in the detention basin.	7/7/2016	Yes	Detention Basin	1	12/13/2016
Bayview Recreation Center	S25.1	Ok	7/5/2016	No	General Infiltration Practices	0	
Bayview Recreation Center	S25.1	Grass swale/infiltration basin with curb-cut inlets - Ok, not on BMP maintenance crew's schedule at this time. Rec. Center staff mowing grass within the BMP.	4/11/2017	No	General Infiltration Practices	0	
Baywalk Townhouses	04-0133.1	Ok	11/17/2016	No	General Infiltration Practices	0	
Baywalk Townhouses	04-0133.2	Ok	11/17/2016	No	General Infiltration Practices	0	

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Bazemore's	T705.1	Ok - Vortechnics unit, 38" to top of water, 83" to top of sediment pile.	1/23/2017	No	Manufactured BMP Systems	0	
Beach Maintenance Blvd, NRHA	S161	Ok	7/5/2016	No	General Infiltration Practices	0	
Beach Maintenance Blvd, NRHA	S161	2 U/G Infiltration stone reservoirs - downspouts connected - OK	4/11/2017	No	General Infiltration Practices	0	
Beekman Street & Cape Henry Avenue	T527.1	Grass Swales between houses, barely distinguishable and missing rock check dams - but otherwise Ok.	3/10/2017	No	General Infiltration Practices	0	
Berkley Center	05-0025.1	Please remove trash from the retention pond BMP.	12/2/2016	Yes	Retention Basin	1	1/20/2017
Beth Messiah Synagogue	99-4242.1	Could not find any of the components of the underground (U/G) infiltration trench BMP, such as the roof gutter downspout connections to the U/G infiltration trench, the observation well, or the manhole as shown on the plans. Please contact the City of Norfolk, Dept. of Public Work, Environmental Stormwater Management to discuss.	8/8/2016	Yes	General Infiltration Practices	1	9/26/2016
BJ's Wholesale Warehouse	T121.1	Ok	2/15/2017	No	Retention Basin	0	
Blair Middle School	NPS12.1	U/G infiltration trenches beneath soccer field - Ok	11/4/2016	No	General Infiltration Practices	0	
Blair Middle School	NPS12.2	Ok	11/4/2016	No	Detention Basin	0	
Blessed Sacrament Church addition	10-0004.1	Repair stone spillway. Some of the existing stone has washed out down to the creek bed to the north of the bioretention basin.	8/8/2016	Yes	Bioretention Basins	1	10/4/2016
Bolling Square Apartments Phase I	03-0280.1	Ok	8/18/2016	No	Bioretention Basins	0	
Bolling Square Apartments Phase I	03-0280.2	Ok	8/18/2016	No	Bioretention Basins	0	
Bolling Square Apartments Phase I	03-0280.3	Ok	8/18/2016	No	Grassed Swale	0	
Bolling Square Phase 2	13-0090	Please clear vegetation and accumulated sediment and debris from curb-cut inlets. Please clear mulch and other debris from the top of the drop-inlet structure within the bioretention area.	8/18/2016	Yes	Bioretention 1	1	1/25/2017
Boush Street Garage	S40.1	Vortech. Depth to water = 43", Depth to Top of Sediment Pile = 85". Some floatable trash present. Last serviced (vactored) on 11/17/2015 and next service scheduled for 11/2016. Ok.	9/16/2016	No	Manufactured BMP Systems	0	
Bradco Supply Corporation Parking Lot Addition	04-0127.1	Ok - some trash present, talked with manager about ongoing maintenance of the BMP.	2/14/2017	No	Extended Detention Basin	0	
Brittany Apartments (6 units)	07-0125.1	Ok	9/29/2016	No	General Infiltration Practices	0	
Broad Creek Villas	08-0042.1	Ok	7/13/2016	No	Extended Detention Basin	0	
Broad Creek Villas	08-0042.2	Ok	7/13/2016	No	Extended Detention Basin	0	
Bruce's Park Pump Station #152	13-0009.1	Ok	5/10/2017	No	Dry Swale 1	0	
Building Addition - Baker and Company	03-0267.1	Originally visited on 8/26/2016 but area overgrown. Mr. Baker had vegetation cut back and BMP was inspected on 10/5/2016. Some algae in pond, but otherwise OK.	10/5/2016	No	Extended Detention Basin	0	
Bus Transfer Station	13-0085.1	Warranty service request emailed to Contech on 9/1/2016.	8/31/2016	Yes	Manufactured BMP Systems	1	9/1/2016
Bus Transfer Station	13-0085.3	Warranty service request emailed to Contech on 9/1/2016.	8/31/2016	Yes	Manufactured BMP Systems	1	9/1/2016

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Bus Transfer Station	13-0085.2	CDS Unit, maintained by Norfolk-PW. Maintenance scheduled for November. Looked okay, no obvious issues or accumulated trash in unit, so no expedited service requested.	8/31/2016	No	Manufactured BMP Systems	0	
Calvary Presbyterian	03-317.1	Ok for now. No check dams present, swales there but barely noticable, large shipping containers sitting in swales, construction going on around tower for 64.	2/10/2017	No	Grassed Swale	0	
Calvary Presbyterian Church	06-0091.1	Ok	3/2/2017	No	Grassed Swale	0	
Calvert Square Community Center Improvements	T540.1	U/G Infiltration Trench - Ok, U/G perforated pipe clear, HVAC condensate drain line draining to BMP's upgradient DI, removed trash from downgradient DI.	5/16/2017	No	General Infiltration Practices	0	
Calvert Square Site Improvements	T663.1	U/G Infiltration Trench - Ok, U/G perforated pipe clear, minor amount of mulch and debris in DI on upgradient side of BMP.	5/16/2017	No	General Infiltration Practices	0	
Campostella Heights Seventh Day Adventist Church	05-0110.1	Please repair the broken observation well, cut back the bushes along the eastern end of the underground infiltration trench, and remove sediment and debris beneath the bushes along the eastern side of the infiltration trench to allow for better drainage from the parking lot.	12/6/2016	Yes	General Infiltration Practices	1	
Capitol Group Mail Center	08-0086.1	Ok. Please follow the maintenance schedule that accompanies the site plan.	9/27/2016	No	Detention Basin	0	
Cedar Grove Parking Lot	S33.1	Please pick up trash, remove underbrush and dead vegetation from retention basin, and clear leaves and debris from inlets and outlet structures. Last serviced on 4/26/2016 according to Hansen. Scheduled for monthly trash pickup and inlet and outlet clearing, and biannual (April/August) trimming of shrubs and trees.	9/16/2016	Yes	Detention Basin	1	
Central Brambleton	S30.1	Ok.	7/28/2016	No	Retention Basin	0	
Central Brambleton	S30.1	Ok - Inlets and outlets clear and minimal trash present, but woody vegetation around pond needs to be cut. Scheduled for monthly trash pickup and checking inlets and outlets, and trimming of shrubs and trees in June & October. Last serviced on 11/1/2016 per Hansen, tasks completed include cut grass, clear and clean debris, check for excessive erosion around bulkhead and inspect plants. Ok, need to aggressively cut back trees and woody vegetation around pond this coming June.	5/1/2017	No	Retention Basin	0	
Central Business Park	99-3931.1	Ok. Removed plastic bin from outfall. Scheduled for monthly maintenance. Last maintained on 5/31/2016 per Hansen.	10/11/2016	No	Retention Basin	0	
Central Business Park	99-3931.2	Pallets in basin. Talked with BCT Manager Ms. Tiffany Coffman to remove their pallets from the retention basin. I removed part of 1 pallet obstructing the outfall structure. Mr. Coffman said she would do it right away.	10/11/2016	Yes	Retention Basin	1	12/1/2016

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Central Business Park	99-3931.3	Flared-end inlet pipe has accumulated sediment with small trees growing in the sediment in it. Obstructions need to be removed.	10/11/2016	Yes	Grassed Swale	1	12/1/2016
Centura College	99-4224.1	Please remove accumulated fine sediment within the bottom of the detention basin, and remove leaf litter and debris within and around curb-inlet stormwater structures.	11/21/2016	Yes	Detention Basin	1	2/28/2017
Checker Taxi Parking Lot	00-4278.1	Some leaf litter present in infiltration basin. ~1" of water in bottom of observation well. Ok.	10/7/2016	No	General Infiltration Practices	0	
Checkered Flag Honda	T26.1	Ok	3/10/2017	No	Detention Basin	0	
Chesterfield Elementary Parking Lot	NPS18.1	Please remove vegetation within the stones from the bottom of the infiltration basin, and remove debris from the curb-cut inlets.	7/25/2016	Yes	General Infiltration Practices	1	
Chesterfield Elementary Parking Lot	NPS18.1	Infiltration basin - Ok, standing water in infiltration basin but rained within last 48 hours, minor sediment accumulation in curb-cut inlets, watch but Ok for now.	5/3/2017	No	General Infiltration Practices	0	
Chesterfield Heights WW Pump Station	S55.1	Ok	7/15/2016	No	Bioretention Basins	0	
Chesterfield Heights WW Pump Station	S55.1	Ok - bioretention basin clear and gravel pretreatment filter strip in good condition. Scheduled for service annually in March. Last serviced on 4/4/2016 according to Hansen.	5/3/2017	No	Bioretention Basins	0	
Chick-Fil-A (Store #03189)	13-0020.1	Filterra Unit. Please maintain the manufactured BMP (Filterra unit) in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	8/31/2016	Yes	Manufactured BMP Systems	1	11/22/2016
Chick-Fil-A (Store #03189)	13-0020.2	Contech Steel Catchbasin 2-Cartridge Stormfilter (F2 on plans). Please maintain the manufactured BMP in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	8/31/2016	Yes	Manufactured BMP Systems	3	2/13/2017
Chick-Fil-A (Store #03189)	13-0020.3	Contech 48" Manhole Stormfilter (F3 on plans). Please maintain the manufactured BMP in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	8/31/2016	Yes	Manufactured BMP Systems	3	2/14/2017
CHKD Parking Lot	05-0169.1	Some minor amounts of vegetation beginning to grow in pavers, but otherwise ok.	8/22/2016	No	General Infiltration Practices	0	
Christ the King Catholic School	03-0034.1	Infiltration basin located at southeast corner of building. Holding water and does not drain. Met with Mr. Bruce Agresto and Dr. Gagne about the infiltration basin not draining. Mr. Agresto said he has to regularly pump out the standing water within the basin. We discussed excavating/digging out the basin to remove any debris that may be inhibiting the infiltration of water and to make sure the bottom of the basin is excavated to a sufficient depth to intercept a sandy soil to help increase the infiltration capacity of the basin.	9/12/2016	Yes	General Infiltration Practices	1	

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Christ the King Catholic School	03-0034.2	Infiltration basin by school entrance and parking lot. Ok.	9/12/2016	No	General Infiltration Practices	0	
Christopher Court	S17.1	Detention basin is overgrown and needs service. BMP is scheduled for monthly maintenance, last serviced on 5/31/2016 according to Hansen. Don't see how the detention basin is accessed. Spoke with Lot 14 (5273 Iowa Ave.) owner Andria Bogan (757-408-9395) about accessing BMP through her lot. She said she would be happy to oblige. Need to meet with BMP maintenance crew about maintaining this BMP.	10/7/2016	Yes	Detention Basin	1	
Chrysler Museum - Gallery Project	T222.1	Ok I guess. Roof drain must come out into infiltration gallery/trench below grade because I cannot see it.	9/6/2016	No	General Infiltration Practices	0	
Chrysler Museum Expansion and Renovation	11-0057.1	Please maintain the Filterra units in accordance with the manufacturer's specifications, and please provide copies of the maintenance logs. Also, please replace tree if dead, as suggested by Filterra manufacturer.	9/6/2016	Yes	Manufactured BMP Systems	1	
Chrysler Museum Expansion and Renovation	11-0057.2	Please maintain the Filterra units in accordance with the manufacturer's specifications, and please provide copies of the maintenance logs.	9/6/2016	Yes	Manufactured BMP Systems	1	
CHURCH PARKING LOT	12-0015.1	Please clear trash and debris from the swale and inlet draining into the detention basin, and please remove trash and debris from the detention basin.	9/2/2016	Yes	Extended Detention Basin	1	10/5/2016
Church Street Executive Office Park	04-0112.1	Please remove trash and debris within and around the retention basin, and clear/thin vegetation around the inlets and outlet of the retention basin.	5/10/2017	Yes	Retention Basin	1	7/28/2017
Citgo	T101.1	Site being redeveloped into JANAF Wawa - Site plans 16-0010 & revision 16-0081. Site Plan T101 archived on 2/16/2017.	2/15/2017	No	Grassed Swale	0	
Claremont Commons	04-0045.1	Ok, but infiltration trench appears to be in back (southern side) of townhomes beneath driveway. Gutter downspouts connected to some U/G line, and no gutters are in the front of the building.	9/9/2016	No	General Infiltration Practices	0	
Claremont Commons	04-0045.2	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and please provide a copy of the maintenance record.	9/9/2016	Yes	Manufactured BMP Systems	2	3/17/2017
Coleman Place Elementary School	NPS17.1	Ok. Some erosion of banks, but currently stabilized with grass, keep check on possible future erosion.	10/14/2016	No	Retention Basin	0	
Colonial Chevrolet	04-0018.1	Met Mr. Thomas onsite. He is said they have the Baysaver pumped out every year, and he will email me the most recent maintenance record.	1/4/2017	Yes	Manufactured BMP Systems	1	1/20/2017
Colonnas Shipyard Super Building Phase I	04-0002.1	U/G Infiltration Trench - Ok	12/8/2016	No	General Infiltration Practices	0	
Commander Corporate Center	06-0040.1	Ok	2/8/2017	No	Retention Basin	0	

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Commerce Bank	06-0146.1	Excessive amount of sediment and debris accumulated in Filterra inlet. Please maintain the Filterra BMP in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	6/1/2017	Yes	Manufactured BMP Systems	1	7/31/2017
Commonwealth Building Materials	T285.1	Please remove leaf litter and other debris from the stone-lined infiltration swale.	8/2/2016	Yes	General Infiltration Practices	1	8/26/2016
CON Small Brick Building	S65.1	Ok.	7/5/2016	No	General Infiltration Practices	0	
CON Small Brick Building	S65.1	Grass swale with curb-cut inlet - Ok	4/11/2017	No	General Infiltration Practices	0	
Condo	03-0322.1	Please maintain the Stormfilters in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	12/16/2016	Yes	Manufactured BMP Systems	1	
Condo	03-0322.2	Please maintain the Stormfilters in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	12/16/2016	Yes	Manufactured BMP Systems	1	
Condo	03-0322.3	Please maintain the Stormfilters in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	12/16/2016	Yes	Manufactured BMP Systems	1	
Condo	03-0322.4	Please maintain the Stormfilters in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	12/16/2016	Yes	Manufactured BMP Systems	1	
Condo	03-0322.5	Please maintain the Stormfilters in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	12/16/2016	Yes	Manufactured BMP Systems	1	
Condo	03-0322.6	Ok	12/16/2016	No	Grassed Swale	0	
Condo	03-0322.7	Ok	12/16/2016	No	General Infiltration Practices	0	
Condo	03-0322.8	Ok	12/16/2016	No	General Infiltration Practices	0	
Condo (24 units)	05-0132.1	Contech Stormfilter. Last serviced 1-2/2015 per City's records. Looks OK, no maintenance needed at this time per manufacturer's specs.	10/26/2016	No	Manufactured BMP Systems	0	
Condo Lots A, B & C	04-0094.1	Ok. Infiltration basins clear and trench drain clear.	10/26/2016	No	General Infiltration Practices	0	
Condominium	03-0307.1	Rear Duplex burned down in either late 2016 or early 2017. Does not appear that BMP was installed because cannot find manhole/DI structures for U/G infiltration pipe/trench. Site redeveloped in late 2016/ early 2017 and using 10% reduction from original conditions so no BMP needed (Site Plan 16-0073). Site Plan 03-0307 archived on 4/6/2017.	4/6/2017	No	General Infiltration Practices	0	
Condominium	03-0307.2	Rear Duplex burned down in either late 2016 or early 2017. Does not appear that BMP was installed because cannot find manhole/DI structures for U/G infiltration pipe/trench. Site redeveloped in late 2016/ early 2017 and using 10% reduction from original conditions so no BMP needed (Site Plan 16-0073). Site Plan 03-0307 archived on 4/6/2017.	4/6/2017	No	General Infiltration Practices	0	

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Condos/Coffee Shop	07-0077.1	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	10/25/2016	Yes	Manufactured BMP Systems	1	1/3/2017
Conley Warehouse and Office	02-0121.1	Detention/Infiltration Basin - Ok, inlet clear, some standing water present but heavy rain a few days ago.	5/8/2017	No	Detention Basin	0	
Consolidated McKann Ave Facility	S36.1	Oil-Water Separator at sweeping bay wash area. Last serviced on 8/29/2016, and next service being requested - Ok	11/7/2016	No	Manufactured BMP Systems	0	
Contel Cellular Tower	T150.1	Ok	7/13/2016	No	General Infiltration Practices	0	
Cornick Place Condominiums	06-0086.1	Ok	2/3/2017	No	Detention Basin	0	
Cornick Place Condominiums	06-0086.2	Ok	2/3/2017	No	Detention Basin	0	
Cornick Place Condominiums	06-0086.5	Ok	2/3/2017	No	Grassed Swale	0	
Cornick Place Condominiums	06-0086.6	Ok	2/3/2017	No	Grassed Swale	0	
Cornick Place Condominiums	06-0086.3	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	2/3/2017	Yes	Manufactured BMP Systems	1	2/8/2017
Cornick Place Condominiums	06-0086.4	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	2/3/2017	Yes	Manufactured BMP Systems	1	2/8/2017
Costco Gas Station	T644	Oil-Water Seperator - received email with copy of last service record from 11/1/2016 - Ok	3/6/2017	No	Manufactured BMP Systems	0	
Covenant Presbyterian Church	T448.1	Detention basins - Please clear sediment and vegetation from curb-cut inlets and from the rip-rap in the inlets.	5/8/2017	Yes	Detention Basin	1	7/25/2017
Covenant Presbyterian Church	T448.2	Detention basins - Please clear sediment and vegetation from curb-cut inlets and from the rip-rap in the inlets.	5/8/2017	Yes	Detention Basin	1	7/25/2017
Crossroads Elementary Rebuild	NPS22.2	Ok	8/16/2016	No	Rainwater Harvesting	0	
Crossroads Elementary Rebuild	NPS22.1	Please maintain the permeable pavement by keeping it clear of sediment, mulch, and other debris	8/16/2016	Yes	Permeable Pavement 1	1	
Crossroads Elementary Rebuild	NPS22.1	Ok - Permeable pavement clear of sediment and debris. Improved since last inspection in 8/2016.	6/26/2017	No	Permeable Pavement 1	0	
Crossroads Elementary Rebuild	NPS22.2	Large diameter U/G stormwater pipe along Bus Loading Area. Only minor debris seen in DI structures - Ok	6/26/2017	No	Rainwater Harvesting	0	
Dale's Train Station	T400	Ok - sediment cleared from curb cut inlet recently and spread out along upper bank of detention basin.	3/7/2017	No	Detention Basin	0	
Davita Dialysis Center	T122.1	Ok	2/15/2017	No	General Infiltration Practices	0	
Dey Street and Texas Avenue Roadway Extention	07-0017.1	Ok. Added to Hansen Maintenance Schedule, but no scheduled PM at this time.	9/28/2016	No	General Infiltration Practices	0	
Division of Streets & Bridges	S28.1	U/G infiltration trench. No regular maintenance schedule at this time per Hansen Maintenance Schedule. OK	11/7/2016	No	General Infiltration Practices	0	
Downtown Pump Station (PS 145)	S51.2	No grass swale present. Entire area where grass swale is supposed to be according to 07-0088 plans is paved with concrete.	9/16/2016	No	Grassed Swale	0	

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Downtown Pump Station (PS 145)	S51.1	No bioretention basin, entire area is paved with concrete. A Contech 2-cartridge Stormfilter is located where the DI overflow structure for the bioretention basin was proposed in the plans for 07-0088. Need to get the revised plans and stormwater calculations and update PARS.	9/16/2016	No	Manufactured BMP Systems	0	
Dunkin Donuts	08-0055.1	Please remove trash and accumulated sediment and debris from the bioretention basin, and its curb-cut inlets and outlet structure.	6/6/2017	No	Bioretention Basins	0	
Duplex	05-0090.1	Ok. Observation well is dry.	7/6/2016	No	General Infiltration Practices	0	
Duplex	05-0090.2	Ok, but observation well not present	7/6/2016	No	General Infiltration Practices	0	
Duplex	03-0315.1	Ok, downspouts connected	7/7/2016	No	General Infiltration Practices	0	
Duplex	03-0315.2	Ok, downspouts connected.	7/7/2016	No	General Infiltration Practices	0	
Duplex	03-0315.3	Ok, downspouts connected (except for northern downspout on southern house; sheet flows down driveway to infiltration trench).	7/7/2016	No	General Infiltration Practices	0	
Duplex	09-0040.1	Ok.	7/6/2016	No	General Infiltration Practices	0	
Duplex	09-0040.2	Please connect roof gutter downspouts to the 6" perforated underground pipes that convey stormwater to the infiltration BMP.	7/6/2016	Yes	General Infiltration Practices	1	12/21/2016
Duplex	01-0165.1	Ok. Observation wells are dry. Still no roof gutters or downspouts.	7/7/2016	No	General Infiltration Practices	0	
Duplex	01-0165.2	Observation well missing from front infiltration BMP. New raised plant bed is covering a portion of the front infiltration BMP. Please remove the portion of the raised plant bed covering the infiltration BMP and reinstall the observation well in the front infiltration BMP. Back infiltration BMP observation well is dry, and still no roof gutters or downspouts.	7/7/2016	Yes	General Infiltration Practices	1	
Duplex	07-0074.1	Ok	8/22/2016	No	Grassed Swale	0	
Duplex	04-0125.1	Please restore the infiltration BMP, including the drainage swale and drainage line, to their original condition as shown in the approved plans. The infiltration BMP has been paved over with concrete, and the drainage swale is no longer distinguishable.	8/22/2016	Yes	General Infiltration Practices	3	8/2/2017
Duplex	06-0045.2	Bioretention basins at 2617, 2613, 2609, & 2603 Minnesota Ave. (site plans 06-0045, 06-0087, 06-0088, & 06-0089). Ok.	9/29/2016	No	Bioretention Basins	0	
Duplex	06-0045.1	Filterra on west side of Minnesota Ave. Crepe myrtle is overgrown and roots are causing the curb inlet to be clogged. Tree needs to be replaced and excess sediment needs to be cleaned out during tree removal.	9/29/2016	Yes	Manufactured BMP Systems	1	
Duplex	06-0045.3	Filterra on east side of Minnesota Ave. Crepe myrtle is overgrown and roots are causing the curb inlet to be clogged. Tree needs to be replaced and excess sediment needs to be cleaned out during tree removal.	9/29/2016	No	Manufactured BMP Systems	0	
Duplex	04-0012.1	Unit B (northern) infiltration basin - Ok	10/26/2016	No	General Infiltration Practices	0	
Duplex	04-0012.2	Unit A (southern) infiltration basin - Ok	10/26/2016	No	General Infiltration Practices	0	

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Duplex	04-0008.1	Ok	10/27/2016	No	General Infiltration Practices	0	
Duplex	04-0008.2	Ok	10/27/2016	No	General Infiltration Practices	0	
Duplex	03-0290.1	Ok, observation wells dry	10/27/2016	No	General Infiltration Practices	0	
Duplex	03-289.1	Ok - observation well dry	10/27/2016	No	General Infiltration Practices	0	
Duplex	03-0310.1	Pervious Pavers - Ok	10/28/2016	No	General Infiltration Practices	0	
Duplex	01-0217.1	Pervious Pavers - Ok	10/28/2016	No	General Infiltration Practices	0	
Duplex	03-0006.1	Ok	10/28/2016	No	General Infiltration Practices	0	
Duplex	03-0211.1	3 underground infiltration trenches. Please clear trench drains of accumulated sediment and debris, and reconnect roof downspouts.	10/28/2016	Yes	General Infiltration Practices	1	
Duplex	06-0007.1	Duplex never built and BMPs never installed per property owner Mr. Robert Mount. Site archived on 11/9/2016.	11/8/2016	No	General Infiltration Practices	0	
Duplex	05-0114.1	2 infiltration basins - Ok	11/14/2016	No	General Infiltration Practices	0	
Duplex	05-0170.1	Ok	11/14/2016	No	Bioretention Basins	0	
Duplex	05-0170.2	Ok	11/14/2016	No	Bioretention Basins	0	
Duplex	05-0170.3	Ok	11/14/2016	No	Bioretention Basins	0	
Duplex	05-0170.4	Ok	11/14/2016	No	Bioretention Basins	0	
Duplex	04-0148.1	Ok	11/15/2016	No	General Infiltration Practices	0	
Duplex	04-0056.1	Ok	11/15/2016	No	General Infiltration Practices	0	
Duplex	05-0116.1	Ok	11/14/2016	No	Bioretention Basins	0	
Duplex	08-0099.1	9515A looks to have installed a rain garden? Swale is barely distinguishable on 9515B - OK	12/1/2016	No	Grassed Swale	0	
Duplex	04-0019.1	Ok	12/13/2016	No	General Infiltration Practices	0	
Duplex	04-0019.2	Ok	12/13/2016	No	General Infiltration Practices	0	
Duplex	03-0308.1	Ok	12/13/2016	No	Detention Basin	0	
Duplex	03-0308.2	Ok	12/13/2016	No	Detention Basin	0	
Duplex	05-0124.1	Ok	12/13/2016	No	General Infiltration Practices	0	
Duplex	06-0005.1	Ok	4/5/2017	No	Bioretention Basins	0	
Duplex	06-0014.1	Bioretention plant beds - Ok but little to no ponding depth (up to 3" shown on plans)	4/5/2017	No	Bioretention Basins	0	
Duplex	06-0014.2	Bioretention plant beds - Ok but little to no ponding depth (up to 3" shown on plans)	4/5/2017	No	Bioretention Basins	0	
Duplex	06-0056.1	U/G infiltration trench with settlement sumps (manholes) connected to downspouts - Ok	4/5/2017	No	General Infiltration Practices	0	
Duplex	06-0056.2	U/G infiltration trench with settlement sumps (manholes) connected to downspouts - Ok	4/5/2017	No	General Infiltration Practices	0	
Duplex	04-0013.1	Swales Ok, found inlet DI for U/G infiltration BMP but could not find outlet DI. U/G infiltration pipe clear and dry at inlet DI - Ok	4/5/2017	No	General Infiltration Practices	0	
Duplex	03-0323.1	Ok	4/6/2017	No	General Infiltration Practices	0	
Duplex	03-0323.2	Ok	4/6/2017	No	General Infiltration Practices	0	
Duplex	03-0272.1	Ok - infiltration trenches covered with grass	4/6/2017	No	General Infiltration Practices	0	
Duplex	03-0272.2	Ok - infiltration trenches covered with grass	4/6/2017	No	General Infiltration Practices	0	
Duplex	03-0325.1	Infiltration BMP in backyard - No one home but could see depression in backyard over fence - Ok	4/6/2017	No	General Infiltration Practices	0	
Duplex	03-0325.2	Infiltration basins beside driveway - Ok	4/6/2017	No	General Infiltration Practices	0	
Duplex	03-0325.3	Infiltration basins beside driveway - Ok	4/6/2017	No	General Infiltration Practices	0	
Duplex	03-287.1	Infiltration BMPs along driveway - covered with sand and vegetation - Ok	4/6/2017	No	General Infiltration Practices	0	

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Duplex	03-287.2	Infiltration BMPs along driveway - covered with sand and vegetation - Ok	4/6/2017	No	General Infiltration Practices	0	
Duplex	03-287.3	Infiltration BMP along northern (beach-side) edge of property, could see some stone from infiltration BMP but mostly covered with sand - Ok	4/6/2017	No	General Infiltration Practices	0	
Duplex	01-0173.1	Infiltration basins beside driveway - Ok	4/7/2017	No	General Infiltration Practices	0	
Duplex	01-0173.2	Infiltration basins beside driveway - Ok	4/7/2017	No	General Infiltration Practices	0	
Duplex	03-139.1	Infiltration basins beside driveway - Ok	4/7/2017	No	General Infiltration Practices	0	
Duplex	03-139.2	Infiltration basins beside driveway - Ok	4/7/2017	No	General Infiltration Practices	0	
Duplex	01-0165.1	Ok. Observation wells are dry. Still no roof gutters or downspouts.	4/7/2017	No	General Infiltration Practices	0	
Duplex	01-0165.2	Observation well missing from front infiltration BMP. New raised plant bed is covering a portion of the front infiltration BMP. Please remove the portion of the raised plant bed covering the infiltration BMP and reinstall the observation well in the front infiltration BMP. Back infiltration BMP observation well is dry, and still no roof gutters or downspouts.	4/7/2017	Yes	General Infiltration Practices	1	
Duplex	06-0073.1	Ok	5/12/2017	No	Extended Detention Basin	0	
Duplex	06-0069.1	Ok - although swale connecting infiltration basins is barely distinguishable	6/5/2017	No	General Infiltration Practices	0	
Duplex	06-0069.2	Ok - but swale connecting infiltration basins is barely distinguishable.	6/5/2017	No	General Infiltration Practices	0	
Duplex	06-0070.1	Ok - minor amount of debris (tree limbs) in rear infiltration basin	6/5/2017	No	General Infiltration Practices	0	
Duplex	06-0070.2	OK - minor amount of tree limbs in rear infiltration basin	6/5/2017	No	General Infiltration Practices	0	
Duplex	03-0096.1	Gravel infiltration areas (4) along driveway - Ok	6/14/2017	No	General Infiltration Practices	0	
Duplex - 3 Story	01-0078.1	2 small infiltration basins in backyard of duplex, barely distinguishable and covered with grass - Ok	4/7/2017	No	General Infiltration Practices	0	
Duplex - Lot 5 blk 3	05-0061.1	Ok, but no observation wells present	7/6/2016	No	General Infiltration Practices	0	
Duplex - Lot 5 blk 3	05-0061.2	Ok, but no observation well present	7/6/2016	No	General Infiltration Practices	0	
Duplex - Lot 6 blk3	05-0062.1	Ok, but no observation well present	7/6/2016	No	General Infiltration Practices	0	
Duplex - Lot 6 blk3	05-0062.2	Ok, but observation well not present	7/6/2016	No	General Infiltration Practices	0	
Duplex - Lot 7 blk 3	05-0063.1	Ok, but no observation well present	7/6/2016	No	General Infiltration Practices	0	
Duplex - Lot 7 blk 3	05-0063.2	Ok, but no observation well present	7/6/2016	No	General Infiltration Practices	0	
Duplex - Residental houses	05-0100.1	Ok	12/13/2016	No	General Infiltration Practices	0	
Duplex - Residental houses	05-0100.2	Ok	12/13/2016	No	General Infiltration Practices	0	
Duplex - Willoughby	04-0062.1	Bioretention basin - Ok, just grass in bioretention basin BMP	4/5/2017	No	General Infiltration Practices	0	
Duplex 9610-9614	03-0105.1	No defined swale present but roof downspouts are draining into yard (rooftop disconnect), and stormwater appears to be infiltrating in yard - Ok.	10/27/2016	No	Grassed Swale	0	
Duplex Complex William Henry Taylors Tract	03-0026.1	2 Infiltration basins with contributing swales from cul-de-sac. Clear vegetation away from overflow structure within Basin #1 (behind 8133-A Redmon Rd.)	10/28/2016	Yes	General Infiltration Practices	1	4/18/2017
Duplex Lot "C"	06-0015.1	U/G infiltration trench connected to roof downspouts on west side of duplex - Ok	4/5/2017	No	General Infiltration Practices	0	
Duplex Lots 59 & 60	05-0049.1	Shallow (nearly indistinguishable) infiltration area, dry - Ok	11/10/2016	No	General Infiltration Practices	0	
Duplex Lots 61 & 62	05-0051.1	Shallow (nearly indistinguishable) infiltration area, dry - Ok	11/10/2016	No	General Infiltration Practices	0	
Duplex Site Plan for Li Shen	12-0050.1	Pervious pavers in driveway - Ok	11/8/2016	No	General Infiltration Practices	0	

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EA's Daycare	14-0026.1	No record of inspection during construction, preconstruction meeting held on 10/21/2014, and CO released in 12/2014. Looks Ok today.	3/23/2017	No	Permeable Pavement 2	0	
East Beach Marina	12-0036.1	U/G Detention System & Pervious Pavers. Pervious Pavers - OK, Inspections ports for U/G detention system are dry and drop inlets are clear - OK	10/18/2016	No	General Infiltration Practices	0	
East Coast Brake Rebuilders	T447.1	Please repair the erosion to the overflow between the retention basin and the flared-end outlet pipe near Curlew Drive.	3/6/2017	Yes	Detention Basin	1	5/30/2017
Eaton Office Park Phase III	07-0123.1	Please clear accumulated sediment and debris from the inlet pipes, and remove woody vegetation from the detention basin.	2/3/2017	Yes	Detention Basin	1	4/12/2017
EG Middleton Office Addition	06-0023.1	Ok	9/7/2016	No	General Infiltration Practices	0	
Electrical Equipment Company	T214.1	Ok	3/7/2017	No	Retention Basin	0	
Element on Ghent	13-0000.1	Ok. Maintenance not needed at this time per maintenance decision tree in manufacturer's specifications (see sheet C-17 of plans).	10/19/2016	No	Manufactured BMP Systems	0	
Elm Court Development	T153.1	Ok - some standing water within DI structure.	2/15/2017	No	Detention Basin	0	
Endtime United Chruch of Jesus Christ Apostolic	03-0312.1	Infiltration Area "A" and #1 on plans. Ok	10/5/2016	No	General Infiltration Practices	0	
Endtime United Chruch of Jesus Christ Apostolic	03.0312.2	Infiltration Area "B" and #2 on plans. Ok.	10/5/2016	No	General Infiltration Practices	0	
EVMS Parking Addition	07-0060.1	Ok	9/6/2016	No	Grassed Swale	0	
EVMS Parking Garage Addition	09-0050	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	8/8/2016	Yes	Manufactured BMP Systems	2	12/20/2016
EVMS Parking Lot	01-0176.1	U/G Infiltration System - Ok, minor amount of debris in DIs and some standing water, but below tops of pipes and rained ~1/2 inch yesterday (6/5).	6/6/2017	No	General Infiltration Practices	0	
EVMS roadway widening	07-0090.1	Ok	8/8/2016	No	Bioretention Basins	0	
Excel Paving Corporation	T770.1	Please repair silt fence around and within the detention basin, and keep detention basin and inlet grate within the detention basin clear of debris.	3/13/2017	Yes	Detention Basin	1	4/25/2017
Fairlawn Elementary School Parking Lot	NPS09.1	Cleaned inlets and outlet structure - Ok	1/11/2017	No	Grassed Swale	0	
Fairlawn Recreation Center Addition	S23.1	Need to regrade swale draining southwest portion of parking lot to detention basin (sending work order request to BMP maintenance crew), and repair fence around BMP (talk to Rick to get fence contractor to repair).	3/20/2017	No	Detention Basin	0	
Faith Deliverance Christian Center	02-0244.1	Detention basin with forebay - Ok, dry, minor sediment accumulation at inlet.	5/8/2017	No	Detention Basin	0	
Faith Wesleyan Church	99-4033.1	Ok - some standing water present	2/9/2017	No	Detention Basin	0	
Family Dollar	04-0140.1	Remove accumulated sediment and debris and overgrown vegetation within and around the curb-cut inlet, outfall structure, and within and around the detention basin.	1/12/2017	Yes	Detention Basin	1	3/28/2017
Fayton-Sutherlin Bldg	08-0089.1	Ok.	7/18/2016	No	Extended Detention Basin	0	
Fayton-Sutherlin Bldg	08-0089.2	Ok	7/18/2016	No	Extended Detention Basin	0	
Fayton-Sutherlin Bldg	08-0089.3	Ok	7/18/2016	No	Manufactured BMP Systems	0	

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Fentress Court Subdivision	05-0175.1	Ok - PVC drain line in swale from neighboring property is a stormwater drainage line from low area in neighboring lot	4/5/2017	No	Grassed Swale	0	
Filterra	S59.1	Remove excess soil in Filterra, replace missing grate, and perform regular maintenance.	8/29/2016	Yes	Manufactured BMP Systems	1	
Filterra	S60.1	Filterra at 418 Virginia Ave. Trim lower growth on tree, unclog/remove dirt obstruction the curb inlet of the Filterra, replace missing grate, and perform regular maintenance.	8/29/2016	No	Manufactured BMP Systems	0	
Filterra	S61.1	Filterra at 400 W. 37th St. Remove dirt obstructing the curb inlet of the Filterra, replace missing grates, and perform regular maintenance.	8/29/2016	No	Manufactured BMP Systems	0	
Filterra	S62.1	Filterra at 325 W. 36th St. Replace missing grates and perform regular maintenance.	8/30/2016	No	Manufactured BMP Systems	0	
Filterra	S58.1	2 Filterras at 3988 Omohundro Ave. - both have excessive buildup of sediment and debris, plants need to be pruned, and replace missing grates on western Filterra unit. S58 Filterras scheduled for biannual maintenance in February and September. Last serviced on 2/22/2017 according to Hansen. Needs maintenance again before September. Work order request placed already based on Javier's inspections in April. Will follow up to make sure it is completed.	5/1/2017	No	Manufactured BMP Systems	0	
Filterra	S58.2	2 Filterras at 3988 Omohundro Ave. - both have excessive buildup of sediment and debris, plants need to be pruned, and replace missing grates on western Filterra unit. S58 Filterras scheduled for biannual maintenance in February and September. Last serviced on 2/22/2017 according to Hansen. Needs maintenance again before September. Work order request placed already based on Javier's inspections in April. Will follow up to make sure it is completed.	5/1/2017	No	Manufactured BMP Systems	0	
Fine Arts Center - Norfolk Collegiate	11-0002.1	Ok	8/15/2016	No	Permeable Pavement 1	0	
First Baptist Church of Bolling Brook	01-0057.1	U/G Infiltration System - Ok	6/14/2017	No	General Infiltration Practices	0	
First Church of God	07-0047.1	Ok	4/4/2017	No	General Infiltration Practices	0	
First Church of God	07-0047.2	Ok	4/4/2017	No	General Infiltration Practices	0	
First Presbyterian Church	06-0125.1	Ok	8/19/2016	No	General Infiltration Practices	0	
First Presbyterian Church	06-0125.2	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	8/19/2016	Yes	Manufactured BMP Systems	1	9/14/2016
Floor Busters	08-0047.1	Grass swale is not present in places, swale destroyed by equipment and dumpsters, and other areas of the swale are covered by debris. Also, missing check dams and rip rap. Please reconstruct/ regrade the grass swales and stabilize with grass seed and hay, or sod.	8/19/2016	Yes	Grassed Swale	1	10/5/2016

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Floor Busters	08-0047.2	Vegetated filter strip is covered with debris, which has subsequently killed some of the vegetation. Please remove the debris and reestablish vegetation in accordance with the approved site plan.	8/19/2016	Yes	Vegetated Filter Strip	1	10/5/2016
FOR Kids Residence	04-0120.1	Ok. Grass (infiltration) swale present. missing check dam and drain to street. Timbers along walk path serving as check dam?	8/23/2016	No	General Infiltration Practices	0	
Ford Motor Company Body Shop & Final Area Addition	T487.1	Please clear vegetation and debris away from inlets and outlet control structure.	11/28/2016	Yes	Detention Basin	1	12/1/2016
Forest Lawn Cemetary	S56.1	Ok. No regular PM scheduled in Hansen for BMP Maintenance Crew. Appears that the Cemetery maintenance staff are maintaining the BMP.	9/19/2016	No	General Infiltration Practices	0	
Freemason St. Baptist Church	07-0007.1	Pervious Pavers. A minor amount of vegetation present between pavers but it's evident that they are working to remove the vegetation from between the pavers.	9/2/2016	No	General Infiltration Practices	0	
Fresenius Medical Center Expansion	08-0050.1	Ok	9/2/2016	No	Bioretention Basins	0	
Fresenius Medical Center Expansion	08-0050.2	Ok	9/2/2016	No	Bioretention Basins	0	
Fresenius Medical Center Expansion	08-0050.3	Ok	9/2/2016	No	Bioretention Basins	0	
Fuel Express at Farm Fresh	02-0001.1	Ok - minor amount of sediment in curb-cut inlets	1/17/2017	No	Bioretention Basins	0	
GE Mobile	10-0045.1	Site runoff is either treated onsite and discharged via their VPDES permit, to goes to sanitary and treated by HRSD. Met site manager, Paul Benton, and he verified that this is still the case. Ok	2/14/2017	No	Other SWMF	0	
Gethsemane Community Fellowship Church	S-03-0065.1	Infiltration basin located south of gravel parking lot across Reservior Ave. from church. Holding water and wetlands vegetation indicate the infiltration basin is not draining properly and sediment and debris need to be cleaned out of the basin.	5/4/2017	Yes	General Infiltration Practices	1	8/24/2017
Gethsemane Community Fellowship Church	S-03-0065.2	Infiltration area along southwest side of church. Ok - downspouts connected to U/G infiltration lines.	5/4/2017	No	General Infiltration Practices	0	
Ghent Arms	03-0169.1	Please remove vegetation, leaf litter, and debris from the infiltration basin.	7/29/2016	Yes	General Infiltration Practices	2	2/27/2017
Ghent Elementary School Bus Loop	NPS16.1	U/G Infiltration. Please clean/vactor out accumulated sediment within the underground perforated stormwater infiltration pipes and adjoining drop-inlet structures.	11/3/2016	Yes	General Infiltration Practices	1	
Ghent Village	14-0096.1	Ok	8/15/2016	No	Grassed Swale	0	
Gifford Office	05-0023.1	Please maintain the 2 Contech CDS units per the manufacturer's specifications, and provide copies of the maintenance records.	11/17/2016	Yes	Manufactured BMP Systems	1	5/19/2017
Gifford Office	05.0023.2	Please clean/vactor out the 2 underground infiltration systems in order to properly maintain the BMPs.	11/17/2016	Yes	General Infiltration Practices	1	5/19/2017
Givens Enterprise	GIVENS.1	Ok.	9/14/2016	No	Grassed Swale	0	
Glad Tidings Church	T731.1	U/G infiltration trenches - ok	3/2/2017	No	General Infiltration Practices	0	
Granby High School Renovations	NPS05.1	Ok	8/16/2016	No	General Infiltration Practices	0	
Granby High School Renovations	NPS05.2	Please clear accumulated sediment and debris from inlet.	8/16/2016	Yes	General Infiltration Practices	1	

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Granby High School Renovations	NPS05.3	Please clear accumulated sediment and debris from inlet.	8/16/2016	Yes	General Infiltration Practices	1	
Granby High School Renovations	NPS05.4	Please fill and compact the sinkhole/depression beside the drop inlet within the infiltration basin BMP, and stabilize the soil with grass seed and hay or sod.	8/16/2016	Yes	General Infiltration Practices	1	
Granby High School Renovations	NPS05.1	BMP Basin #1 (Northwest corner of school property with 2 PVC overflow pipes to Newport Ave) - Ok	6/26/2017	No	General Infiltration Practices	0	
Granby High School Renovations	NPS05.2	BMP Basin #2 (Smallest basin along Harvard St.) - Need to remove leaf litter from the infiltration basin	6/26/2017	No	General Infiltration Practices	0	
Granby High School Renovations	NPS05.3	BMP Basin #3 (north of parking lot on north side of school, past end of Harvard St.) - Need to clear accumulated sediment and debris from inlet flume and remove leaf litter from the infiltration basin.	6/26/2017	No	General Infiltration Practices	0	
Granby High School Renovations	NPS05.4	BMP Basin #4 (along south side to track) - Repair sink hole next to DI within the infiltration basin.	6/26/2017	No	General Infiltration Practices	0	
Granby Municipal Building Parking Lot	S20.1	Inspected with Charles Sharp and Bruce Thomas. The infiltration basins have apparently been filled in, and need to be excavated out, reshaped, and stabilized. We discussed doing the work in a month or so after the work on the adjacent lot (making a dog park I think) is completed.	9/14/2016	No	General Infiltration Practices	0	
Grandy Village	04-0119.1	Grass swale with concrete valley - Ok	5/19/2017	No	Grassed Swale	0	
Grandy Village Site Improvements	09-0049.1	Could not access due to construction/demolition. Need to see final plans for Grandy Village Phase VI (Site Plan #16-0034) once approved to see if the BMP will be modified for the new phase of work.	7/15/2016	No	Bioretention Basins	0	
Grandy Village Site Improvements	09-0049.1	Area under construction - BMP being used as sediment basin for construction of Grandy Village Phase 6 (16-0034) BMP will be reinstalled after construction.	5/19/2017	No	Bioretention Basins	0	
Grandy Village, Phase 1	01-0222.1	Please maintain the Vortechnics unit in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	5/19/2017	Yes	Manufactured BMP Systems	1	5/30/2017
Grandy Village-Phase V Site Improvements	12-0028.1	Ok	7/29/2016	No	Detention Basin	0	
Grandy Village-Phase V Site Improvements	12-0028.1	Ok, construction adjacent to BMP - Grandy Village Phase 6 - 16-0034	5/19/2017	No	Detention Basin	0	
Grantham Square	06-0117.1	Porous Concrete - Requires quarterly vacuum sweeping per typical maintenance activities specified on plans. Also a few small patches of the porous concrete completed with asphalt, which is not permitted.	6/5/2017	Yes	General Infiltration Practices	1	
Grantham Square	06-0117.2	Infiltration trenches - Ok	6/5/2017	No	General Infiltration Practices	0	
Greek Orthodox Church	T86.1	Ok	8/3/2016	No	Grassed Swale	0	
Greek Orthodox Church	91067.012.1	Please remove debris from drop inlets within the parking lot, and remove the sediment accumulated at the eastern end of the parking lot that impedes the flow of stormwater into the infiltration basin.	8/4/2016	Yes	General Infiltration Practices	1	2/9/2017

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Green Gifford / Wells Fargo Bank commercial center	03-0015.1	Please clear accumulated sediment and debris, and vegetation away from inlets and the outlet control structure, and remove woody vegetation from banks of the retention basin.	1/17/2017	Yes	Retention Basin	1	2/23/2017
Gutterman Iron Works	08-0075.1	Please maintain the manufactured BMP (10K Baysaver Separator) in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	7/22/2016	Yes	Manufactured BMP Systems	1	8/5/2016
Gypsum Plant Expansion	05-0075.1	Ok. Holding water, and minor amount of debris accumulated in one inlet pipe. Discussed ongoing maintenance with USG Engineering Manager, Mr. Collin Polleys.	12/6/2016	No	Extended Detention Basin	0	
H.B. Hunter Parking Lot	T614.1	Please remove accumulated sediment and debris along curb lines and from curb-cut inlets into the infiltration trenches.	9/14/2016	Yes	General Infiltration Practices	1	10/24/2016
H.B. Hunter Parking Lot	T614.2	Please remove accumulated sediment and debris along curb lines and from curb-cut inlets into the infiltration trenches.	9/14/2016	Yes	General Infiltration Practices	1	10/24/2016
H.B. Hunter Parking Lot	T614.3	Please remove accumulated sediment and debris along curb lines and from curb-cut inlets into the infiltration trenches.	9/14/2016	Yes	General Infiltration Practices	1	10/24/2016
Harbor Heights	05-0073.1	Please maintain the Contech Stormfilter BMP in accordance with the manufacturer's specifications, and provide a copy of the maintenance log.	9/12/2016	Yes	Manufactured BMP Systems	1	1/23/2017
Harbor Walk	02-0275.1	Underground Infiltration Trench. Please remove accumulated sediment and debris from infiltration BMP.	10/28/2016	Yes	General Infiltration Practices	1	1/3/2017
Harris Teeter Store 378	08-0072.1	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	10/19/2016	Yes	Manufactured BMP Systems	1	4/27/2017
Heco Slings Corporation Building Addition	HECO.1	Some cut branches piled up along backside of detention basin. Talked to and emailed site staff about maintenance issues.	2/13/2017	No	Detention Basin	0	
Helena Townhouses	T474.1	Ok from what I could see	8/4/2016	No	General Infiltration Practices	0	
Herald of His Comming Church	00-4505.1	Infiltration basin #1 - Ok, dry, minor sediment accumulation in concrete flume inlet. Infiltration basin #2 not installed. That part of site plan not completed?	5/8/2017	No	General Infiltration Practices	0	
Home Depot, Broad Creek Crossing	T548.1	Please remove trash and debris from around the retention basin, and repair the outfall structure (repair/replace the anti-vortex device).	2/10/2017	Yes	Retention Basin	1	4/13/2017
HRT Park and Ride	01-0197.1	Ok - inlet & outlet clear, heavily vegetated banks.	1/17/2017	No	Retention Basin	0	
HRT Station Wards Corner	T402.1	Please remove accumulated sediment and debris from inlets, please remove woody vegetation within the detention basin, please cut/mow vegetation within the detention basin and remove clippings, and please clear vegetation and debris away from outlet structure.	8/3/2016	Yes	Detention Basin	1	1/23/2017

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HRT Transfer Military Circle	HRT Transfer Military Circle.1	Pervious Pavers - Ok, Very minor amount of sediment accumulation between pavers along northern end of Bus Stop paver area.	5/10/2017	No	General Infiltration Practices	0	
Huntersville II Townhomes	06-0123.1	Porous Pavement. Ok.	7/18/2016	No	General Infiltration Practices	0	
Infinitee Day School	00-4467.1	L-shaped Infiltration swale by playground area - Ok, minor sediment accumulation at northern edge of parking lot.	6/14/2017	No	General Infiltration Practices	0	
Ingleside Elementary School Gymnasium	NPS23.1	Ok - discussed ongoing maintenance with Mr. Roy Keys, school maintenance supervisor.	2/16/2017	No	Detention Basin	0	
Iron Mountain Management Inc.	01-0003.1	Ok	1/18/2017	No	Detention Basin	0	
Islamic Center	10-0050.1	Ok. Owner recently killed vegetation within the bioretention basin. Spoke to owner during inspection about removing dead vegetation and tilling the soil the bioretention basin to help improve infiltration capacity of the soil within the bioretention basin.	8/19/2016	No	Bioretention Basins	0	
Jack Rabbit Self-Storage	06-0115.1	Please maintain the Stormceptor in accordance with the manufacturer's specifications, and provide a copy of the inspection and maintenance record.	6/1/2017	Yes	Manufactured BMP Systems	1	8/17/2017
Jack Rabbit Self-Storage	06-0115.2	Ok - Minimal trash and minor amount of sediment accumulation and flared-end inlets.	6/1/2017	No	Grassed Swale	0	
Jack's Towing	01-0010.1	Please restore swale to the specifications shown on the 12/19/2000 plans for "Site Plan of Parcel 8-A, 9-A, Resubdivision of Lot 9 and the Southern 50 Feet of Lot 8, a Subdivision of Outten & Bell Property, and Part of Lot 10, a Subdivision of Outten & Bell Property, Norfolk, Virginia".	1/19/2017	Yes	Grassed Swale	1	3/13/2017
Jacox Elementary School Bus Loop	NPS14.1	Ok	7/22/2016	No	General Infiltration Practices	0	
Jacox Elementary School Bus Loop	NPS14.2	Ok	7/22/2016	No	General Infiltration Practices	0	
Jacox Elementary School Bus Loop	NPS14.1	Grass infiltration basins with curb-cut inlets - Ok	5/3/2017	No	General Infiltration Practices	0	
Jacox Elementary School Bus Loop	NPS14.2	Grass infiltration basins with curb-cut inlets - Ok	5/3/2017	No	General Infiltration Practices	0	
Janaf Shopping Center	05-0181.1	Ok - minor amount of leaf litter present in DI connected to underground infiltration trench.	2/8/2017	No	General Infiltration Practices	0	
Janaf Shopping Center	05-0181.2	Not a manufactured BMP (Stormceptor). Manhole structure with stone-filled opening in bottom (infiltration BMP as shown on As-Built drawing). Some standing water present but ok.	2/8/2017	No	General Infiltration Practices	0	
Jerusalem Apostolic Christian Church	11-0042.1	Please maintain the Stormfilter BMP in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	6/2/2017	Yes	Manufactured BMP Systems	1	7/27/2017
John's Brothers Inc. Parking Lot and Wash Building	BROTHERS.1	Grass swale - minor amount of trash present but Ok. Site is now an auto body shop and they are washing vehicles outside of the wash bay because the sanitary drain in the wash bay is clogged. Informed site owner that it is an illicit discharge for the car wash water to go into the stormdrains, and they need to fix the wash bay drain immediately.	2/13/2017	No	Grassed Swale	0	

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Kramer Tire	T577.1	Please clear accumulated sediment and debris from the curb-cut inlets, cut vegetation within the detention basin and remove clippings, and remove debris within and around the 4-inch outlet pipes.	3/6/2017	Yes	Detention Basin	1	5/16/2017
L. Fisherman & Son Inc. Flooring Installation	T449.1	Ok	3/8/2017	No	Grassed Swale	0	
La Quinta Hotel	06-0030.1	Ok - minor amount of trash present	2/9/2017	No	Detention Basin	0	
Lake Liberty, NRHA	S12.1	Ok, minor amount of trash present in northern embayment.	7/28/2016	No	Retention Basin	0	
Lake Liberty, NRHA	S12.1	Ok - Inlets and outlets clear and minimal trash present, and aerators working, but woody vegetation around pond needs to be cut. Scheduled for monthly trash pickup and checking inlets and outlets, and trimming of shrubs and trees in April & August. Last serviced on 4/19/2016 per Hansen, tasks completed include cut grass, clear and clean debris, check for excessive erosion around bulkhead and inspect plants. Need to aggressively cut back trees and woody vegetation around pond.	5/1/2017	No	Retention Basin	0	
Lake Modoc	S6.1	Retention basin - Ok. No obvious erosion of banks and minimal trash on banks or in water. 2 trees down in water. River otter swimming around during inspection. Lake Modoc scheduled for monthly trash removal, and biannual trimming of trees and shrubs around the lake. Last maintenance event completed on 12/7/2016 per Hansen.	4/11/2017	No	Retention Basin	0	
Lake Scott	S8.1	Place service request for erosion issues at dual culvert pipe inlet/outlet. Last serviced on 7/18/2016 according to Hansen, scheduled for monthly trash removal and checking inlets & outlets.	2/16/2017	No	Retention Basin	0	
Lake Taylor High School Stadium	NPS04.1	Stormceptor manufactured BMPs at Lake Taylor Stadium and BT Washington Stadium. Both need annual maintenance (i.e. to be vactored out). It does not appear that the BMPs were cleaned out as requested per the last inspection on 6/14/2016.	3/21/2017	Yes	Manufactured BMP Systems	1	5/1/2017
Lake Wright Executive Center	98-3611.1	Ok - minor amount of trash present and minor erosion along banks.	2/2/2017	No	Retention Basin	0	
Lake Wright Executive Center	98-3611.2	Ok - minor amount of trash present	2/2/2017	No	Retention Basin	0	
Lake Wright Executive Center	98-3611.3	Ok	2/2/2017	No	Retention Basin	0	
Lambert's Point Rec Center Parking Addition	S57.1	Ok	8/19/2016	No	General Infiltration Practices	0	
Lamberts Point 26th St. Improvements	09-0072.1	Filterra at 1241 W. 26th St. Trim tree, replace missing grates, and perform regular maintenance.	8/29/2016	No	Manufactured BMP Systems	0	
Lamberts Point Community Center	08-0008.1	Please remove mulch from drop inlet structures, and remove weeds from bioretention basin.	8/19/2016	Yes	Bioretention Basins	1	

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Lamberts Point Pond	13-0089	Excessive algae mainly in the western side of the retention basin. Excessive amounts of phragmites growing around the pond and clogging the inlets and spillway of the pond. Moderate to excessive amount of trash within pond and within the vegetation around the perimeter of the pond.	8/29/2016	Yes	Retention Basin	1	
Lamberts Point Townhouses	10-0051.1	Pervious concrete driveway around townhomes - Ok	2/10/2017	No	General Infiltration Practices	0	
Lamberts Point Townhouses	10-0051.2	Filterra unit along 26th Street. Archived on 2/10/2017. Filterra is city maintained and identified as SWMF ID S59.1.	2/10/2017	No	Manufactured BMP Systems	0	
Land "N" Sea	04-0095.2	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	1/6/2017	Yes	Manufactured BMP Systems	1	
Land "N" Sea	04-0095.1	Ok	1/6/2017	No	Retention Basin	0	
Land "N" Sea	04-0095.3	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	1/6/2017	Yes	Manufactured BMP Systems	1	
Land "N" Sea	04-0095.4	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	1/6/2017	Yes	Manufactured BMP Systems	1	
Land "N" Sea	04-0095.5	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	1/6/2017	Yes	Manufactured BMP Systems	1	
Land "N" Sea	04-0095.6	Please remove leaf litter and other debris from the grass swale located along the southern portion of the property.	1/6/2017	Yes	Grassed Swale	1	
Langley Federal Credit Union	T455.1	Please clear the mulch, leaf litter, and debris within the inlet grates and the infiltration pipes.	8/3/2016	Yes	General Infiltration Practices	1	11/23/2016
Larchmont Elementary School	14-0084.1	Ok to release CO. Dewatering structure still in retention basin flared-end outlet. Emailed request to remove dewatering structure after the Phase III (existing school demo to be completed in summer 2017) E&S controls are in place.	6/1/2017	No	Retention Basin	0	
Laundromat, Shops, Offices	05-0009.1	Ok	9/30/2016	No	General Infiltration Practices	0	
LIDL Grocery Store	15-0054.1	Extended detention basin - Ok, release CO but the contractor still needs to install rip rap outlet protection at RCP flared-end structure C0 in N. Military Hwy ROW.	6/30/2017	No	Extended Detention Pond 1	0	
Little Creek Retail Shops	06-0062.1	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	6/5/2017	Yes	Manufactured BMP Systems	1	7/31/2017
Little Creek Self Storage	05-0179.1	Grading of the bioretention does not match the plans and therefore the BMP is not able to treat the stormwater runoff as designed. Please regrade the bioretention according to the approved plans.	11/8/2016	Yes	Bioretention Basins	1	1/12/2017

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Little Creek Self Storage	05-0179.2	Grading of the bioretention basins does not match the plans and therefore the BMPs are not able to treat the stormwater runoff as designed. Please regrade the bioretention basins according to the approved plans.	11/8/2016	Yes	Bioretention Basins	1	1/12/2017
Lot 25 8033 Ransom Road	08-0062.1	Ok - received revised As Built, release CO on 5/23/2017	5/22/2017	No	Bioretention Basins	0	
Lot 27 8025 Ransom Road	08-0060.1	4 Bioretenion basins - OK. Observations wells are dry. Pervious Pavers (for reduction in impervious area) Ok.	10/24/2016	No	Bioretention Basins	0	
Lots 21 & 22	03-0162.1	Ok. Some sediment and debris in trench drain but seems to be working ok. No observation well seen.	10/28/2016	No	General Infiltration Practices	0	
Lowe's	99-4237.1	Ok - minor amount of trash present	2/10/2017	No	Retention Basin	0	
Lowe's Garden Expansion	06-0138.1	Ok	3/6/2017	No	Vegetated Filter Strip	0	
Lumber Liquidators	09-0002.1	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance logs	11/28/2016	Yes	Manufactured BMP Systems	1	11/29/2016
Lumber Liquidators	09-0002.2	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance logs	11/28/2016	Yes	Manufactured BMP Systems	1	11/29/2016
Lyon Shipyard	05-0190.1	An addition to the building was built over the grass swale BMP, and covered ~half of the BMP. A ductile iron pipe was laid into the swale where it was filled in and built over. According to pictometry images, the addition was built sometime between 1/8/2015 and 1/15/2016. Also, there is a flared-end inlet into the DI at the end of the swale that is not shown on the plans.	5/10/2017	No	Grassed Swale	0	
MacArthur Mall Museum Expansion	S64.1	Filterra unit for Roof Drainage Area located on east side of building. No recent service history shown in Hansen.	9/19/2016	Yes	Manufactured BMP Systems	1	
MacArthur Mall Museum Expansion	S64.2	The detention basin is an underground infiltration pipe between 2 DIs on the northern side of the Museum Expansion. Looks OK per inspection on 9/19/2016. Last serviced on 4/11/2016 per Hansen. However, the maintenance tasks need to be changed to reflect the BMP type (underground infiltration not aboveground detention basin) banks do not need to be mowed. For maintenance the infiltration pipe should be vactored periodically to remove debris and fine sediment that accumulates in the infiltration pipe.	9/19/2016	No	Detention Basin	0	
Macedonia Christian Church	T116.1	Detention basin is overgrown. Please cut back vegetation and clear the inlets and outlet of the detention basin.	5/5/2017	Yes	Detention Basin	1	7/25/2017
Magnolia Cove Regional BMP	MAGBMP.1	Ok	2/13/2017	No	Detention Basin	0	
Mallory Country Club	01-0019.1	U/G Infiltration Trench - Ok, unable to open DIs but no debris seen in them.	6/9/2017	No	General Infiltration Practices	0	

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Marine Hydraulics Incorporated	06-0135.1	Met Environmental Manager, Mr. Gary Small, onsite. We discussed maintenance issues with the detention basin. Currently the detention basin is OK, and we discussed ongoing maintenance concerns with the detention basin.	12/2/2016	No	Extended Detention Basin	0	
Marine Hydraulics Incorporated	06-0135.2	Vortechnics Model 3000. Mr. Small emailed me the inspection/maintenance log for the Vortechnics on 12/5/2016 - OK	12/2/2016	No	Manufactured BMP Systems	0	
Mariner's Watch Apartments -Phase 1	T627.1	Please remove trash, debris, and sediment accumulated in drop inlet structures.	7/6/2016	Yes	General Infiltration Practices	1	11/23/2016
Mariner's Watch Apartments -Phase 1	T627.2	Please remove trash, debris, and sediment accumulated in drop inlet structures.	7/6/2016	Yes	General Infiltration Practices	1	11/23/2016
Mariner's Watch Apartments -Phase 1	T627.3	Please remove trash, debris, and sediment accumulated in drop inlet structures.	7/7/2016	Yes	General Infiltration Practices	1	11/23/2016
Matrix Technical Solutions, Inc.	00-4283.1	Please clear accumulated sediment and debris within the curb inlet within the parking lot, clear sediment and debris from where the pipe coming from curb inlet in parking lot discharges into the swale, and clear vegetation and debris from drop inlet within the swale.	10/6/2016	Yes	General Infiltration Practices	1	12/19/2016
McDonald's rebuild	07-0113.1	Please clean out accumulated sediment and debris within the underground infiltration trench and the curb-inlet structure.	12/1/2016	Yes	General Infiltration Practices	1	2/27/2017
McKann Ave Street Expansion	S44.1	Filterra to be serviced every April & November per Hansen Maintenance schedule. Last serviced on 4/25/2016, and maintenance due this month. Inlet is blocked with sediment. Will meet with BMP maintenance crew to go over Filterra maintenance.	11/8/2016	No	Manufactured BMP Systems	0	
McKann Ave Street Expansion	S44.2	Filterra to be serviced every April & November per Hansen Maintenance schedule. Last serviced on 4/25/2016, and maintenance due this month. Inlet is blocked with sediment. Will meet with BMP maintenance crew to go over Filterra maintenance.	11/8/2016	No	Manufactured BMP Systems	0	
McRae Commons Condo Units	05-0145.1	Some ivy growing around grate inlet along fence, otherwise ok.	9/9/2016	No	General Infiltration Practices	0	
Meadow Lake	S15.1	Place service request to have spillway cleared out. Invasive aquatic vegetation treated last year (2016) by Solitude Lake Management on 8/30/2016 & 11/1/2016. Last serviced on 11/17/2016 according to Hansen. Scheduled for monthly trash removal and check inlets & outlets, and semiannual trimming of shrubs & trees.	2/16/2017	No	Retention Basin	0	
Meadowood Apartments	10-0059.1	Ok	9/27/2016	No	Retention Basin	0	
Meadowood Apartments	10-0059.2	Underground chambered detention system. Ok. Possible illicit discharge noticed (foam in water) at the outlet orifice structure, but tested negative for detergents.	9/27/2016	No	Manufactured BMP Systems	0	

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Medical Center	06-0092.1	Ok - behind fences behind (east side) of buildings.	6/5/2017	No	Bioretention Basins	0	
Medical Office Building	06-0042.1	Please remove trash and loose pieces of concrete from the detention basin, and repair areas of erosion around the inlets of the detention basin. It may be helpful to add additional erosion protection measures (such as stone) to the eroded areas to provide protection after the repairs are completed.	2/2/2017	Yes	Extended Detention Basin	1	2/8/2017
Metro Towing Company, Inc.	14-0094.1	Finished installation of permeable pavement (uncapped stone reservoir) - Ok, approve release of CO and bond on 3/20/2017	3/20/2017	No	Permeable Pavement 1	0	
Metropolitan Funeral Service	06-0134.1	Pervious pavement - OK	12/2/2016	No	General Infiltration Practices	0	
Miller Gas Station	04-0067.1	An oil spill occurred from a waste oil container behind the Miller Neighborhood Market and University Car Care shop, and the oil contaminated the filter media within the manufactured BMP (Filterra unit). Please remove and replace the contaminated media within the Filterra unit.	8/24/2016	Yes	Manufactured BMP Systems	1	10/6/2016
Milton Point at Kimball Terrace Shipyard	15-0046.1	All 3 Dry Swales in good condition. Approved for release of CO.	1/12/2017	No	Dry Swale 1	0	
Milton Point at Kimball Terrace Shipyard	15-0046.2	Ok - approve release of CO	1/12/2017	No	Dry Swale 1	0	
Milton Point at Kimball Terrace Shipyard	15-0046.3	Ok - approve release of CO	1/12/2017	No	Dry Swale 1	0	
Mission College Clubhouse	09-0014.1	Please remove accumulated sediment from the detention basin inlet.	7/18/2016	Yes	Detention Basin	1	8/5/2016
Mixed Use Development Church St.	14-0080.1	Final Inspection before releasing CO. Ok.	9/26/2016	No	Detention Basin	0	
Mixed Use Development Church St.	14-0080.2	Final Inspection before releasing CO. Ok	9/26/2016	No	Permeable Pavement 1	0	
Mixed Use Development Church St.	14-0080.1	Ok - minor amount of erosion at inlets	5/15/2017	No	Detention Basin	0	
Mixed Use Development Church St.	14-0080.2	Ok	5/15/2017	No	Permeable Pavement 1	0	
Moran Towing of Virginia, Inc.	T450.1	Ok, actually a concrete swale to gravel swale with gravel check dam - minor sediment accumulation in concrete swale.	5/10/2017	No	Grassed Swale	0	
Mount Pleasant Baptist Church Parking Lot	T593.1	Please remove the debris from the detention basin and the stormwater drop inlet in the parking lot.	8/4/2016	Yes	Detention Basin	1	1/25/2017
Mt. Gilead Baptist Church	00-4298.2	Please clear accumulated sediment and debris from curb cut inlets, and remove vegetation (grass and weeds) from the infiltration basins	10/7/2016	Yes	General Infiltration Practices	1	1/23/2017
Mt. Gilead Baptist Church	00-4298.1	Please clear accumulated sediment and debris from curb cut inlets, and remove vegetation (grass and weeds) from the infiltration basins	10/7/2016	Yes	General Infiltration Practices	1	1/23/2017
Mt. Gilead Chruch Addition	00-4540.1	U/G infiltration trench. ~1" of water in bottom of observation well. Ok.	10/7/2016	No	General Infiltration Practices	0	
Mulit-Family Housing Unit	08-0023.1	Ok - dry	12/22/2016	No	Bioretention Basins	0	
Mulit-Family Housing Unit	08-0023.2	Ok	12/22/2016	No	Grassed Swale	0	
Nash Warehouse	05-0165.1	Please maintain the Bay Saver Vault Systems in accordance with the manufacturer's specifications, and provide copies of the maintenance logs.	1/3/2017	Yes	Manufactured BMP Systems	1	
Nash Warehouse	05-0165.2	Please maintain the Bay Saver Vault Systems in accordance with the manufacturer's specifications, and provide copies of the maintenance logs.	1/3/2017	Yes	Manufactured BMP Systems	1	

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Nash Warehouse	05-0165.3	Ok - Keep check on sediment accumulating in western inlet rip rap.	1/3/2017	No	Detention Basin	0	
Nauticus	S29.1	U/G chambered BMP. 3" to 10" of accumulated sediment in the chambers, but has not built up to the invert of the outlet pipe. Last serviced (vactored out) on 11/12/2015, and next service is scheduled for 11/2016.	9/12/2016	No	Manufactured BMP Systems	0	
New Hope Christian Community Church	T343.1	Ok. Minor amount of vegetation (grass) growing over stone infiltration areas. Spoke with Rev. Dr. Calvin Durham about maintaining the infiltration BMPs.	9/15/2016	No	General Infiltration Practices	0	
New Hope Christian Community Church	T343.2	Ok. Minor amount of vegetation (grass) growing over stone infiltration areas. Spoke with Rev. Dr. Calvin Durham about maintaining the infiltration BMPs.	9/15/2016	No	General Infiltration Practices	0	
New Hope United Church of Christ	06-0096.1	Ok	12/6/2016	No	Detention Basin	0	
New Life Christian Center	07-0065.1	Please clear the curb cut inlets to allow for better drainage of stormwater runoff into the bioretention basin.	9/29/2016	Yes	Bioretention Basins	1	2/24/2017
Norfolk Academy	T748.1	Ok	3/29/2017	No	Retention Basin	0	
Norfolk Academy Football Stadium	15-0059.1	2 Urban Bioretentions - Plan was modified during construction. The urban bioretentions were installed as 3-tier systems. Engineer and contractor supplied revised As-built drawings and the revised calculations after the final inspection - Ok, CO approved for release on 6/28/2017 following review of revised as built.	6/15/2017	No	Bioretention Urban	0	
Norfolk Academy Football Stadium	15-0059.2	Artificial turf areas with stone storage beneath between track and stands - Ok	6/15/2017	No	Permeable Pavement 1	0	
Norfolk Academy Football Stadium	15-0059.3	Grass channel behind stands - Ok	6/15/2017	No	Grass Channel	0	
Norfolk Academy Football Stadium	15-0059.4	Conservation area within landscaped area - Ok	6/15/2017	No	Rooftop (Impervious Surface) Disconnection	0	
Norfolk Apostolic Church Parking Lot	06-0026.1	Ok	9/30/2016	No	Bioretention Basins	0	
Norfolk Christian School	05-0153.1	Ok - minor amount of vegetation in stone-filled detention basin. Some water in observation well ~1 ft below top of casing. Underdrain draining (trickling) into DI. Did not see western inlet drain.	6/5/2017	No	Detention Basin	0	
Norfolk Christian Soccer Field	15-0058.1	Ok	5/12/2017	No	Grass Channel	0	
Norfolk Collegiate Lower School	T478.1	Please clear accumulated sediment and debris from the inlets and outlet, and remove fallen trees from the extended detention basin.	9/14/2016	Yes	Extended Detention Basin	1	1/23/2017
Norfolk Collegiate Middle School	03-0042.1	Gravel infiltration basin located along northeast side of parking lot off of Granby Park. Ok - minor amount of weed growth in stones and leaf litter in inlet swale. Also, storing some metal bleachers in BMP but not taking up much room.	6/7/2017	No	General Infiltration Practices	0	

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Norfolk Collegiate Middle School	03-0042.2	U/G Infiltration system in parking lot along Suburban Pkwy. Ok - minor sediment accumulation in DIs. However, seems as though the site was redeveloped. the 2 southern most DIs that are part of the U/G infiltration system are now in the grass between the parking lot and new synthetic turf athletic field. Based on historical photography they were previously in the parking lot.	6/7/2017	No	General Infiltration Practices	0	
Norfolk Commerce Park	04-0066.1	Please clear accumulated debris and sediment from the drop inlet structure within the parking lot.	10/5/2016	Yes	General Infiltration Practices	1	11/3/2016
Norfolk Commerce Pond #1	S9.1	Ok. Not on Hansen Maintenance Schedule. Appears that the BMP is being maintained by Capitol Group.	9/27/2016	No	Retention Basin	0	
Norfolk Commerce Pond #2	S10.1	Ok. Not on Hansen Maintenance Schedule. Appears that the BMP is being maintained by Capitol Group.	9/27/2016	No	Retention Basin	0	
Norfolk Commerce Pond #3	S11.1	Ok. Minimal trash, inlets clear, and grass mowed within past few weeks. On schedule for monthly maintenance, but do not see when it was last serviced in Hansen (although the BMP appears to be being maintained on a regular basis).	10/7/2016	No	Detention Basin	0	
Norfolk Community Rowing Center	00-4300.1	Please remove the woody vegetation within the infiltration basin, and remove the leaf litter and other debris from the infiltration basin and rip rap spillway.	8/25/2016	Yes	General Infiltration Practices	2	7/24/2017
Norfolk Cruise Terminal	05-0060.1	Ok. Last serviced in November 2015 according to Hansen. Scheduled for next service (to be vactored out) in November of 2016. Yearly cleaning seems to be adequate based on measurements (depth to water of 62" and depth to top of sediment pile of 104") because the accumulated sediment does not seem to be exceeding the 75% capacity of the isolated sump.	9/12/2016	No	Manufactured BMP Systems	0	
Norfolk Cruise Terminal	05-0060.2	2nd CDS unit (structure #9 on storm structure schedule) is not where it was proposed on the plans. The CDS unit is located further west on the pier. Unit seems to be in good condition. Next maintenance event scheduled for November 2016.	9/12/2016	No	Manufactured BMP Systems	0	
Norfolk Fitness and Wellness Center	T217.1	Please remove the sediment accumulated at the end of the inlet pipe.	8/4/2016	Yes	Detention Basin	1	
Norfolk General New Pavilion & Parking	03-0327.1	Please clear vegetation and debris from inlets and outlets of the bioretention basin, remove the woody vegetation within the bioretention basin, and cut back the remaining vegetation within the bioretention basin.	8/25/2016	Yes	Bioretention Basins	1	11/22/2016
Norfolk General New Pavilion & Parking	03-0327.2	Please clear vegetation and debris from inlets and outlets of the bioretention basin, remove the woody vegetation within the bioretention basin, and cut back the remaining vegetation within the bioretention basin.	8/25/2016	Yes	Bioretention Basins	1	11/22/2016

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Norfolk General New Pavilion & Parking	03-0327.4	Please maintain the Stormceptor in accordance with the manufacturer's specifications, and provide a copy of the maintenance log.	8/25/2016	Yes	Manufactured BMP Systems	1	11/22/2016
Norfolk General New Pavilion & Parking	03-0327.3	Please maintain the Stormceptor in accordance with the manufacturer's specifications, and provide a copy of the maintenance log.	8/25/2016	Yes	Manufactured BMP Systems	1	11/22/2016
Norfolk Juvenile Detention Center	S26.1	Currently under construction, being converted to a larger retention basin.	3/15/2017	No	Detention Basin	0	
Norfolk Multi-Modal Transportation Center	S67.1	Filterra unit at parking lot entrance. Last serviced on 4/26/2016 per Hansen, and next maintenance event scheduled for 12/2016. Ok.	9/19/2016	No	Manufactured BMP Systems	0	
Norfolk Police Department Firearms Range	S49.1	Spoke with facility maintenance staff to remove the 4 55-gallons drums full of ash where they are burning targets for disposal.	2/21/2017	No	General Infiltration Practices	0	
Norfolk Public Health Center	S27.1	Ok. Curb inlet structure has a moderate amount of accumulated sediment within it but it has not yet built up to the invert of the pipe going to the U/G infiltration system.	9/15/2016	No	General Infiltration Practices	0	
Norfolk Public Schools Transportation Operations	NPS02.1	Please clear debris off of and away from the spillway drop inlet grate, and remove trash from the detention basin.	2/23/2017	No	Detention Basin	0	
Norfolk Tent Company	T229.1	Sediment cleared out of inlet pipe since last inspection - Ok	1/3/2017	No	Detention Basin	0	
Norfolk Yacht and Country Club	00-4333.1	Please inspect and maintain the Vortech unit in accordance with the manufacturer's specifications, and provide a copy of the inspection and maintenance records.	6/13/2017	Yes	Manufactured BMP Systems	1	
Northside Middle School Parking Lot	NPS21.1	Please remove debris from curb cut inlets, weeds from the bioretention basin, and accumulated mulch, sediment, and debris from the drop inlet structure within the bioretention basin.	7/5/2016	Yes	Bioretention Basins	1	
Northside Middle School Parking Lot	NPS21.1	Ok, some weed growth within bioretention basin but otherwise good.	4/4/2017	No	Bioretention Basins	0	
Norview Community Center	S48.1	Ok.	10/12/2016	No	Bioretention Basins	0	
Norview Community Center	S48.2	U/G Infiltration (Detention) System. Minor amounts of trash and sediment present. - OK. No PM schedule for this BMP for the maintenance crew at this time.	10/12/2016	No	General Infiltration Practices	0	
Norview High School	NPS11.1	A minimal amount of trash was present (was likely recently cleaned during tree cutting/pruning). A significant to excessive amount of algae is present in the pond. Please clear the vegetation and other debris around the flared-end inlet and outlet pipes.	8/16/2016	Yes	Retention Basin	1	
Norview Landings	00-4343.1	Ok	10/7/2016	No	Detention Basin	0	
NPD 2nd Prencinct Training Center	S45.1	Last maintained on 11/30/2017 per Hansen (trimmed trees and shrubs around pond). Minor amount of trash within and around pond, and need to clear vegetation and debris around inlets and outlets.	3/15/2017	No	Retention Basin	0	
NRHA Broad Creek Ph. 5	14-0022.1	Ok - minor amount of trash present	2/28/2017	No	Extended Detention Basin	0	
NRHA CMD Facility	T99.1	Ok	7/15/2016	No	General Infiltration Practices	0	

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NRHA CMD Facility	T99.1	Ok - standing water but inspected immediately after rain event	5/5/2017	No	General Infiltration Practices	0	
O' Reilly Auto Parts	T278.1	Please clear/remove accumulated sediment and debris from the 3 slotted inlet grates, the perforated drainage lines, and the connecting structures.	9/15/2016	Yes	General Infiltration Practices	1	12/22/2016
O'Reilly Auto Parts	11-0015	Please repair erosion from rooftop downspouts, cut back vegetation from concrete pipe inlet, and remove plug from outfall orifice.	10/24/2016	Yes	Extended Detention Basin	1	4/19/2017
Ocean View Avenue Duplex	13-0040.1	Ok	7/5/2016	No	Detention Basin	0	
ODU University Village	S39.1	Ok	8/29/2016	No	Retention Basin	0	
Office Warehouse	05-0195.1	Ok	9/30/2016	No	Extended Detention Basin	0	
Office Warehouse Complex	02-0170.1	Ok - both basins	1/13/2017	No	Bioretention Basins	0	
Orapax Inn	08-0026.1	Ok	8/8/2016	No	Permeable Pavement 1	0	
Palace Station, LLC	06-0019.1	2 Storm Tech underground detention systems. <1" of standing water in obs. port for western Storm Tech system (SD-3), ~8" standing water in obs. port and sediment accumulated in drop inlet structures upstream and downstream of northern Storm Tech system (SD-10). Northern Storm Tech system needs maintenance.	10/26/2016	Yes	Manufactured BMP Systems	1	4/13/2017
Palmetto St Drainage Improvement	11-0071.1	Hansen maintenance schedule lists the detention basin is to be maintained monthly. Last maintenance event completed on 5/9/2016 per Hansen. Please remove trash from detention basin and clear accumulated sediment from inlet pipes.	9/22/2016	No	Detention Basin	0	
Park Crescent Apartments	11-0012.1	Please maintain the Contech Stormfilter (8' x 11' Peak Diversion Model) in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	9/28/2016	Yes	Manufactured BMP Systems	1	3/24/2017
Park Crescent Apartments	11-0012.2	Underground Detention System B (Structure #B12). Ok.	9/28/2016	No	Manufactured BMP Systems	0	
Park Crescent Apartments	11-0012.3	CDS Unit #1 (Structure #A15). Please maintain the Contech CDS unit in accordance with the manufacturer's specifications, and provide a copy of the maintenance log.	9/28/2016	Yes	Manufactured BMP Systems	1	3/24/2017
Park Crescent Apartments	11-0012.4	CDS Unit #2 (Structure #A27). CDS unit is filled with sediment and other debris and requires immediate service. Please maintain the CDS unit in accordance with the manufacturer's specifications, and provide a copy of the maintenance log.	9/28/2016	Yes	Manufactured BMP Systems	1	3/24/2017
Park Crescent Apartments	11-0012.5	Underground Detention System A (Structure #A16). Ok.	9/28/2016	No	Manufactured BMP Systems	0	
Parkdale Day School	91067.032.1	Drip Line Ok. No porous concrete (not installed, assume this was Okayed because there is a letter in the file from the design engineer stating they were not going to install the porous concrete, but remove the basketball court instead).	8/4/2016	No	General Infiltration Practices	0	
Parking Lot	T792.1	Infiltration trench/swale - Ok, dry, very minor amount of leaf litter present.	5/8/2017	No	General Infiltration Practices	0	
Parking Lot Addition	04-0115.1	Some leaf litter present - Ok.	11/21/2016	No	Grassed Swale	0	

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Parking Lot Addition	04-0115.3	Excessive leaf litter and debris present in curb inlet structure immediately upgradient of underground BMP. Please clean out the upgradient stormwater structures, and maintain the BMP in accordance with the manufacturer's specifications and provide copies of the maintenance records.	11/21/2016	Yes	Manufactured BMP Systems	1	1/6/2017
Parking Lot Addition	04-0115.2	Excessive leaf litter and debris present in curb inlet structure immediately upgradient of underground BMP. Please clean out the upgradient stormwater structures, and maintain the BMP in accordance with the manufacturer's specifications and provide copies of the maintenance records.	11/21/2016	Yes	Manufactured BMP Systems	1	1/6/2017
Parktowne Apartments	05-0188.1	Ok	11/8/2016	No	Grassed Swale	0	
Parktowne Apartments	05-0188.2	Ok	11/8/2016	No	Grassed Swale	0	
Parktowne Apartments	05-0188.3	Received record for 6/22/2016 Filterra maintenance event by email on 10/19/2016 - Ok	11/8/2016	No	Manufactured BMP Systems	0	
Parktowne Apartments	05-0188.4	Received record for 6/22/2016 Filterra maintenance event by email on 10/19/2016 - Ok	11/8/2016	No	Manufactured BMP Systems	0	
Parktowne Apartments	05-0188.5	Ok	11/8/2016	No	Grassed Swale	0	
Parktowne Apartments	05-0188.6	Received record for 6/22/2016 Filterra maintenance event by email on 10/19/2016 - Ok	11/8/2016	No	Manufactured BMP Systems	0	
Parktowne Clubhouse	14-0008.1	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	10/18/2016	Yes	Manufactured BMP Systems	1	12/1/2016
Partrea Apartments	13-0026.1	Stormtech U/G Detention Chamber System	8/15/2016	No	Manufactured BMP Systems	0	
Partrea Site Improvements	15-0021.1	Pervious Pavers - Ok to release CO and bond	5/16/2017	No	Permeable Pavement 1	0	
Pepsi Bottling Group	03-0087.1	Please clear debris from outlet control structure.	1/13/2017	Yes	Retention Basin	1	2/14/2017
Picadily Mews	02-0193.1	Ok	10/7/2016	No	Detention Basin	0	
Picadily Mews	02-0193.2	Ok	10/7/2016	No	Grassed Swale	0	
Pizzeria Uno	T70.1	Please clear accumulated debris and sediment from the inlets and remove trash from the retention basin.	3/10/2017	Yes	Retention Basin	2	6/30/2017
Plume Ln. Parking Garage	S35.1	Ok. ~2 inches of sediment in bottom of structures. Last serviced (vactored) on 12/15/2015 and next service scheduled for 11/2016.	9/16/2016	No	Manufactured BMP Systems	0	
Police Training Center Track	S46.1	Ok	2/23/2017	No	Grassed Swale	0	
Police Training Center Track	S46.2	Ok - cleared vegetation away from one of the inlets, also some of the woody vegetation had been cut back along the banks of the detention basin since the last inspection on 5/26/2016.	2/23/2017	No	Extended Detention Basin	0	

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Pope Avenue Street Improvements	S34.1	Curb inlet basin with trash baffles and infiltration trench. 2-3" of sediment in curb inlet side of baffled basin. Inlet and outlet of infiltration trench are ok. BMP not currently scheduled for regular maintenance. Will try to schedule for yearly cleaning/vactoring out of curb inlet baffled basin.	9/16/2016	No	Manufactured BMP Systems	0	
Pretty Lake Condos	13-0089.1	Ok.	11/8/2016	No	Extended Detention Basin	0	
Pretty Lake Terrace - Infrastructure Only	03-0129.1	Minor amounts of sediment & debris in the 2 northern paved flumes, but otherwise OK.	11/21/2016	No	Grassed Swale	0	
Pretty Lake Townhouses	03-0303.1	Ok, 2603-2607 Pretty Lake built, but not 2609-2615. Will need to reshape swale along back of 2609-2615 when built to allow for proper drainage to reach BMP.	12/20/2016	No	Extended Detention Basin	0	
Pretty Lake Village	03-0292.1	Please remove accumulated sediment and debris from the underground infiltration pipes.	12/16/2016	Yes	General Infiltration Practices	1	
Promenade Pointe	10-0061.1	Please maintain the Filterra units in accordance with the manufacturer's specifications, and please provide copies of the maintenance logs.	9/2/2016	Yes	Manufactured BMP Systems	1	1/25/2017
Promenade Pointe	10-0061.2	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	9/2/2016	Yes	Manufactured BMP Systems	1	1/25/2017
Public Storage	04-0030.1	Western dry pond. Ok	10/5/2016	No	Extended Detention Basin	0	
Public Storage	04-0030.2	Eastern dry pond. Ok.	10/5/2016	No	Extended Detention Basin	0	
Pump Station 34 Replacement	S54.1	Ok	8/15/2016	No	Grassed Swale	0	
Pump Station 34 Replacement	S54.1	Grass Swale - Scheduled for monthly grass cutting and trash removal - ok regarding these maintenance concerns. However, the grass swale is barely distinguishable, may need to be regraded. However, some of the piping for the pump station runs under the swale according to the plans.	6/26/2017	No	Grassed Swale	0	
Quarles Petroleum, Inc.	01-0009.1	Please remove trash within and around the extended detention basin.	1/20/2017	Yes	Extended Detention Basin	1	3/23/2017
Quarles Petroleum, Inc.	01-0009.2	Ok - previous letters in file from Eric Hiltner with Quarles Petroleum stating they inspect the OWS on a frequent basis, and service it as needed.	1/20/2017	No	Manufactured BMP Systems	0	
Quick Range	03-0017.1	Ok	1/5/2017	No	Grassed Swale	0	
Rally's	03-0047.1	Please remove accumulated sediment and debris from curb-cut inlets, and remove dead vegetation, trash, and debris from infiltration basin to help maintain infiltration capacity of BMP.	10/5/2016	Yes	General Infiltration Practices	1	1/27/2017
Residental Dwellings	05-0137.1	Ok	11/14/2016	No	Bioretention Basins	0	
Retail / Offices	08-0009.2	Ok.	10/19/2016	No	General Infiltration Practices	0	
Retail / Offices	08-0009.3	Ok.	10/19/2016	No	General Infiltration Practices	0	
Retail / Offices	08-0009.1	Ok.	10/19/2016	No	General Infiltration Practices	0	
River House Apartments	07-0073.1	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	2/24/2017	Yes	Manufactured BMP Systems	1	

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River House Apartments	07-0073.2	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	2/24/2017	Yes	Manufactured BMP Systems	1	
River Oaks Office Addition	03-163.1	Ok - bottom valley of swale is paved, but with relatively short gravel infiltration area at southeastern corner of property.	3/6/2017	No	Grassed Swale	0	
Riverpark Condominiums	02-0075	Ok.	9/15/2016	No	General Infiltration Practices	0	
Riverpoint Condos	05-0176.1	U/G Infiltration Trench - Ok, minor amount of debris accumulation in yard basins but perforated pipes are clear.	6/7/2017	No	General Infiltration Practices	0	
Riverside Commerce Center I	T719.1	Ok	3/6/2017	No	Retention Basin	0	
Riverside Corporate Center Parcel	03-160.1	Ok	1/11/2017	No	Retention Basin	0	
RiverStar Homes Bioretention	S69	Please clear debris between riprap at bioretention inlet at end of Luxembourg Ave.	9/19/2016	Yes	Bioretention Basins	1	
Ronald McDonald House	01-0031.1	Please clear accumulated sediment from inlet pipe to allow for drainage from roof drains to enter the bioretention BMP.	6/9/2017	Yes	Bioretention Basins	1	7/25/2017
Roper Home Parking Lot	15-0008.1	Final inspection for CO - Ok but waiting for recorded Declaration of Covenants	2/22/2017	No	Permeable Pavement 2	0	
RSG Roofing Supply	03-0033.1	Please remove trash within and around the extended detention basin, and remove the trees around the outlet structure.	1/5/2017	Yes	Extended Detention Basin	1	3/31/2017
Ruby Tuesday	05-0093.1	Please maintain the Stormfilter BMP per the manufacturer's specifications, and provide a copy of the maintenance record.	11/14/2016	Yes	Manufactured BMP Systems	1	
Ruggoso Dunes	03-0138.1	Pervious Pavers - Ok	11/18/2016	No	General Infiltration Practices	0	
Safe Place Mini Storage	T333.1	Detention Basin - Ok	3/8/2017	No	General Infiltration Practices	0	
Saint Pauls COGIC	02-0007.2	Please clear accumulated sediment and debris from grate inlets in parking lots and replace missing grates, please repair cracked drain lines going from the grates to the U/G infiltration trenches, and please clear accumulated debris (leaf litter) in the underground (U/G) infiltration pipes.	12/8/2016	Yes	General Infiltration Practices	2	5/26/2017
Saint Pauls COGIC	02-0007.3	Please clear accumulated sediment and debris from grate inlets in parking lots and replace missing grates, please repair cracked drain lines going from the grates to the U/G infiltration trenches, and please clear accumulated debris (leaf litter) in the underground (U/G) infiltration pipes.	12/8/2016	Yes	General Infiltration Practices	2	5/26/2017
Saint Pauls COGIC	02-0007.1	Please clear accumulated sediment and debris from grate inlets in parking lots and replace missing grates, please repair cracked drain lines going from the grates to the U/G infiltration trenches, and please clear accumulated debris (leaf litter) in the underground (U/G) infiltration pipes.	12/8/2016	Yes	General Infiltration Practices	2	5/26/2017
Saint Pius Church Addition	04-0135.1	Ok	12/13/2016	No	Grassed Swale	0	
Salvation Army Hope Village	07-0066.1	Please clear debris and excessive vegetation around inlets and remove excessive dog feces around the retention basin.	2/3/2017	Yes	General Infiltration Practices	1	4/13/2017

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Sam's Club	14-0049.1	Please maintain the Stormceptor in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	8/15/2016	Yes	Manufactured BMP Systems	2	8/10/2017
Sam's Club	15-0029.1	Please maintain the Oil-Water Separator in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	8/15/2016	Yes	Other SWMF	2	8/10/2017
Sandollar Duplex	06-0104.1	2 infiltration basins - Ok. Grass grown over stone top and concrete swales to direct drainage to front BMP indistinguishable (not installed).	4/3/2017	No	General Infiltration Practices	0	
Savannah Suites	04-0111.1	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	2/13/2017	Yes	Manufactured BMP Systems	3	6/30/2017
Savannah Suites	04-0111.2	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	2/13/2017	Yes	Manufactured BMP Systems	3	6/30/2017
Savannah Suites	04-0111.3	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	2/13/2017	Yes	Manufactured BMP Systems	3	6/30/2017
Savannah Suites	04-0111.4	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	2/13/2017	Yes	Manufactured BMP Systems	3	6/30/2017
Savannah Suites	04-0111.5	Please clear accumulated sediment and debris from the inlet and outlet flared-end pipes within the detention basin.	2/13/2017	Yes	Detention Basin	3	6/30/2017
Seaward Marine Services	02-0101.1	Clear sediment accumulated at the end of the inlet pipe within the detention basin, Stabilize erosion along curb cut inlets, Ccear debris from drop inlet spillway structure, and remove the minor amount of trash present.	10/5/2016	Yes	Detention Basin	1	12/1/2016
Senior Housing Development	02-0158.1	Please remove trash from the retention basin. Also, monitor the amount of sediment accumulation in the eastern end of the retention basin. The retention basin may need to be dredged out soon.	6/6/2017	No	Retention Basin	0	
Sentara Medical Group	02-0048.1	Ok - holding water, fish (coy) in BMP, found inlet	1/17/2017	No	Detention Basin	0	
Sentara Parking Garage Expansion	07-0042.1	Grass swales are not present. Please reestablish the grass swales per the approved plans.	6/2/2017	Yes	Grassed Swale	1	
Sentara Parking Garage Expansion	07-0042.2	Grass swales are not present. Please reestablish the grass swales per the approved plans.	6/2/2017	Yes	Grassed Swale	1	
Sentara Parking Garage Expansion	07-0042.3	Grass swales are not present. Please reestablish the grass swales per the approved plans.	6/2/2017	Yes	Grassed Swale	1	
Sewells Point Mini Storage	11-0016.1	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	9/23/2016	Yes	Manufactured BMP Systems	2	7/31/2017
Shamrock Gardens	06-0051.1	Infiltration basin/Swale - OK	10/26/2016	No	General Infiltration Practices	0	
Shamrock Gardens	06-0052.1	Infiltration basin/Swale - Ok.	10/26/2016	No	General Infiltration Practices	0	
Sherwood Forest Elementary	NPS10.1	Ok. Curb cuts clear.	10/14/2016	No	General Infiltration Practices	0	

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Sherwood Forest Elementary School	NPS15.1	Please clear accumulated sediment in front of the flared-end inlet pipe.	10/14/2016	Yes	Detention Basin	1	
Shiloh Baptist Church Parking Lot	T173.1	Ok	3/21/2017	No	Detention Basin	0	
Shiloh Baptist Church Parking Lot	T173.2	Ok	3/21/2017	No	Detention Basin	0	
Shirley Avenue Parking Lot	13-0049.1	Please maintain Focal Point biofiltration systems in accordance with manufacturer's specification, and provide copies of the maintenance records.	10/19/2016	Yes	Manufactured BMP Systems	1	10/24/2016
Shirley Avenue Parking Lot	13-0049.2	Please maintain Focal Point biofiltration systems in accordance with manufacturer's specification, and provide copies of the maintenance records.	10/19/2016	Yes	Manufactured BMP Systems	1	10/24/2016
Shirley Avenue Parking Lot	13-0049.3	U/G Detention System. Inspection ports are dry and clear of debris - Ok	10/19/2016	No	Retention Basin	0	
Shorewood Cove Apartments	00-4329.1	Ok - lowest structures near overflow holding water but it had rained the day before.	1/19/2017	No	General Infiltration Practices	0	
Shorewood Shores Phase I	S41.1	Maintenance scheduled for January & August. Last serviced on 2/28/2017. Remove accumulated debris and sediment from the 6 Filterra units, replace mulch, and trim the trees.	3/13/2017	No	Manufactured BMP Systems	0	
Shorewood Shores Phase II	06-0044.1	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	2/3/2017	Yes	Manufactured BMP Systems	1	
Shorewood Shores Phase II	06-0044.2	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	2/3/2017	Yes	Manufactured BMP Systems	1	
Shorewood Shores Phase II	06-0044.3	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	2/3/2017	Yes	Manufactured BMP Systems	1	
Shorewood Shores Phase II	06-0044.4	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	2/3/2017	Yes	Manufactured BMP Systems	1	
Shorewood Shores Phase II	06-0044.5	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	2/3/2017	Yes	Manufactured BMP Systems	1	
Shorewood Shores Phase II	06-0044.6	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	2/3/2017	Yes	Manufactured BMP Systems	1	
Signature Printing	T317.1	Parking Lot infiltration area - Ok	3/7/2017	No	General Infiltration Practices	0	
Signature Printing	T317.2	Ok - talked to site mananger, Rick Sawyer, about ongoing maintenance	3/7/2017	No	Grassed Swale	0	
Silver Lake/Duck Pond	S14.1	Ok - minor amount of trash present, last serviced on 7/7/2016 according to Hansen, scheduled for monthly trash removal and to check inlets & outlets, and biannual trimming of trees and shrubs.	2/16/2017	No	Retention Basin	0	
Single Family Condominium	07-0062.1	Ok - No gutters or downspouts present, but infiltration trench areas drain fine according to Ms. Gonzales (owner of unit 1539-B)	2/3/2017	No	General Infiltration Practices	0	

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Single Family Condominium	T596.1	The bioretention basin at unit 1539-B is okay, but the bioretention basin beside unit #1539-A has been filled in. Please remove the sediment that filled in the bioretention basin, install mulch along the bottom of the bioretention basin, and replant the bioretention basin as specified on the plans.	2/3/2017	Yes	Bioretention Basins	1	4/18/2017
Slover Library	11-0027.1	Contech Vortechs Model 200 unit. Ok, measured 30" between water surface and top of sediment pile. Service not yet needed according to Contech maintenance info.	9/6/2016	No	Manufactured BMP Systems	0	
Social Security Building	06-0016.1	Please remove trash from the detention basin, clear vegetation around the inlets and outlet control structure, and remove leaf litter and debris from the stone at the bottom of the paved flume inlet.	2/8/2017	Yes	General Infiltration Practices	1	3/15/2017
Solid Rock Church parking	10-0034.1	Ok. No mulch and grass growing in the infiltration trench/basin is tall, but okay.	7/15/2016	No	General Infiltration Practices	0	
Solid Rock Church parking	10-0034.2	Ok	7/15/2016	No	General Infiltration Practices	0	
Southside Aquatic Center	11-0020.1	Ok	4/4/2017	No	Detention Basin	0	
Southwind Apartments	08-0001.1	Please remove trash and debris from the retention basin and from the curb inlet structures throughout the apartment complex.	8/8/2016	Yes	Retention Basin	2	3/18/2017
Spring Hill Suites Marriott	01-0188.1	Please cut back vegetation and remove accumulated sediment and debris around the inlet and outlet control structure, cut back/remove woody vegetation within the detention basin, and remove trash.	1/19/2017	Yes	Extended Detention Basin	1	3/28/2017
St. Mary's Home for Disabled Children	01-0203.1	Ok - Some woody vegetation along banks, may need to be thinned out in near future.	1/17/2017	No	Retention Basin	0	
St. Mary's Mausoleum	07-0002.1	Ok - barely distinguishable, outfall pipe into creek present and inlet swales are fine.	5/12/2017	No	Detention Basin	0	
St. Paul's Church Parking Lot Expansion	07-0038.1	Please remove accumulated sediment and debris from the curb-cut inlet, and regrade the bioretention basin BMP to allow stormwater runoff from the parking lot to enter into the BMP	12/2/2016	Yes	Bioretention Basins	1	2/28/2017
St. Paul's Place Condo	04-0055.1	3 U/G Infiltration Systems - Ok	9/12/2016	No	General Infiltration Practices	0	
Street Improvements - Ernies Way	S47.1	Ok - all grass, vehicle rut at end of bioretention basin but no major affect in grading.	3/13/2017	No	Bioretention Basins	0	
Street Improvements - Ernies Way	S47.2	Ok - minor amount of trash removed. Scheduled for March maintenance.	3/13/2017	No	Grassed Swale	0	
Street Improvements for Asfari Homes	12-0065.2	Ok. Some standing water and minor amount of mulch washed into detention basin, but is just finished raining for 2 days and some mulch from landscaped areas washed down street into the detention basin.	9/22/2016	No	Detention Basin	0	
Street Improvements for Asfari Homes	12-0065.1	Could not find the bioretention basins. Appears that they were not installed during construction.	9/22/2016	No	Bioretention Basins	0	
Strip Mall - JANAF	T379.1	Ok - minor amount of sediment accumulated in curb cut inlets	3/7/2017	No	Detention Basin	0	

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Subaru Showroom & Service Center	03-149.1	Please maintain the Stormtreat System in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	1/3/2017	Yes	Manufactured BMP Systems	1	1/17/2017
Subdivision Plan for Bullock Park	11-0023.1	Please stabilize the slopes along the southern end of the detention basin, and remove accumulated sediment around and within the detention basin inlet pipe.	7/27/2016	Yes	Extended Detention Basin	1	8/12/2016
Suburban Park Subdivision-Redevelopment of Wards Corner	12-0039.1	Ok	8/15/2016	No	Detention Basin	0	
Suburban Park Subdivision-Redevelopment of Wards Corner	12-0039.3	Please maintain the Filterra units in accordance with the manufacturer's specifications, and please provide copies of the maintenance logs.	8/15/2016	Yes	Manufactured BMP Systems	1	1/24/2017
Suburban Park Subdivision-Redevelopment of Wards Corner	12-0039.4	Please maintain the Filterra units in accordance with the manufacturer's specifications, and please provide copies of the maintenance logs.	8/15/2016	Yes	Manufactured BMP Systems	1	1/24/2017
Suburban Park Subdivision-Redevelopment of Wards Corner	12-0039.5	Please maintain the Filterra units in accordance with the manufacturer's specifications, and please provide copies of the maintenance logs.	8/15/2016	Yes	Manufactured BMP Systems	1	1/24/2017
Suburban Park Subdivision-Redevelopment of Wards Corner	12-0039.6	Please maintain the Filterra units in accordance with the manufacturer's specifications, and please provide copies of the maintenance logs.	8/15/2016	Yes	Manufactured BMP Systems	1	1/24/2017
Suburban Park Subdivision-Redevelopment of Wards Corner	12.0039.2	Please maintain the Filterra units in accordance with the manufacturer's specifications, and please provide copies of the maintenance logs.	8/15/2016	Yes	Manufactured BMP Systems	1	1/24/2017
Sunset Shores	03-0009.1	Please maintain the manufactured BMP (Stormceptor) in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	12/8/2016	Yes	Manufactured BMP Systems	1	5/25/2017
Tabernacle Church	T537.1	Ok	8/3/2016	No	Extended Detention Basin	0	
Taco Bell	05-0123.1	Please clear the Filterra curb inlet of accumulated sediment and debris, maintain the Filterra unit in accordance with the manufacturer's specifications, and provide a copy of the maintenance log.	8/22/2016	Yes	Manufactured BMP Systems	1	2/13/2017
Taco Bell	05-0123.2	Please clear the Filterra curb inlet of accumulated sediment and debris, maintain the Filterra unit in accordance with the manufacturer's specifications, and provide a copy of the maintenance log	8/22/2016	Yes	Manufactured BMP Systems	1	2/13/2017
Taco Bell	05-0123.3	Please clear the Filterra curb inlet of accumulated sediment and debris, maintain the Filterra unit in accordance with the manufacturer's specifications, and provide a copy of the maintenance log	8/22/2016	Yes	Manufactured BMP Systems	1	2/13/2017
Tanner's Landing	05-0097.1	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	5/10/2017	Yes	Manufactured BMP Systems	1	7/27/2017
Tanner's Landing	05-0097.2	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	5/10/2017	Yes	Manufactured BMP Systems	1	7/27/2017

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Target Expansion	07-0103.1	Please clear accumulated sediment and debris from the inlet, maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance reports.	3/1/2017	Yes	Manufactured BMP Systems	1	5/8/2017
Target Expansion	07-0103.2	Please clear accumulated sediment and debris from the inlet, maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance reports.	3/1/2017	Yes	Manufactured BMP Systems	1	5/8/2017
Target Store	T286.1	Please remove trash within and around the retention basin.	3/1/2017	Yes	Retention Basin	1	5/8/2017
Teagle and Little	00-4352.1	Ok. Outfall within southern embankment according to plans. Detention basin on northern and eastern sides of building not very distinguishable.	8/23/2016	No	Detention Basin	0	
Ted Lansing Corporation	T210.1	Please clear accumulated sediment and debris from the flared-end inlet pipes within the detention basin.	3/10/2017	Yes	Detention Basin	1	5/16/2017
The Anchorage-South Hampton Roads Support Housing	T158.1	Please remove debris within the detention basin and on top of the drop inlet emergency spillway.	8/4/2016	Yes	Detention Basin	1	8/15/2016
The Ballentine Expansion	14.0074.1	Ok, minimal to no sediment or debris present in Contech CDS unit. Therefore no maintenance is needed at this time according to the manufacturer's maintenance manual.	8/8/2016	No	Manufactured BMP Systems	0	
The Banks at Berkley	14-0072.1	Ok to release CO and bond. Missing cover for inspection report, but is being replaced per email from Wanda Ferguson - Property Manager.	5/12/2017	No	Infiltration 2	0	
The Banks at Berkley	14-0072.2	Ok - release bond and CO.	5/12/2017	No	Infiltration 2	0	
The Dump - Carolina Furniture Store Addition	DUMP.1	Addition never completed (project was dropped) and infiltration BMP never installed. Site archived on 3/31/2017.	3/31/2017	No	General Infiltration Practices	0	
The Kempsville Center	00-4341.1	Ok - Dry pond (Detention basin) under deck, met Tim Winfree onsite and we discussed maintenance of the BMP.	1/19/2017	No	Detention Basin	0	
The Market at Ghent	07-0084.1	U/G Infiltration Trench. Ok.	10/24/2016	No	General Infiltration Practices	0	
The Va Arts Festival	08-0040.1	Filterra unit. Please maintain the Filterra unit in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	9/2/2016	Yes	Manufactured BMP Systems	1	11/1/2016
The Va Arts Festival	08-0040.2	Stormtrap. Please clear sediment and debris from underground detention structure and outlet control structure.	9/2/2016	Yes	Manufactured BMP Systems	1	11/1/2016
Third Police Precinct Parking Lot Addition	S43.1	Ok	7/28/2016	No	Extended Detention Basin	0	
Third Police Precinct Parking Lot Addition	S43.1	Dry Detention Basin according to plans - Holding water. Removed root mat from overflow structure, need to clear out orifice to allow basin to drain, and dredge/regrade the basin afterward. Will me Bruce and BMP maintenance crew onsite Thursday morning (5/4) to clear out orifice and let the basin drain for a couple of weeks.	5/1/2017	No	Extended Detention Basin	0	

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Tidewater Gymnastics Parking Lot	11-0056	Parking lot not paved yet. According to plans it is supposed to be paved by 12/2016. Swale and infiltration basin BMP on east side of parking lot ok, but no apparent swale or infiltration BMP on west side of parking lot.	3/7/2017	Yes	General Infiltration Practices	2	6/5/2017
Tidewater Park Elementary	NPS08.1	Ok	9/21/2016	No	Detention Basin	0	
Titustown Recreation Center	S37.1	Please clear accumulated sediment from in and around the flared-end inlet pipes.	8/15/2016	No	Extended Detention Basin	0	
Titustown Recreation Center	S37.1	Need to remove/cut overgorwn vegetation, including woody vegetation, clear accumulated sediment and debris at inlets, also may need to regrade bottom to detention basin.	6/26/2017	No	Extended Detention Basin	0	
Todd Marine Electrical Supply	T660.1	Ok - Met with company president, Mr. Norman Caroon and discussed ongoing BMP maintenance.	3/2/2017	No	Detention Basin	0	
Todd Marine Electrical Supply	T660.2	Ok - Met with company president, Mr. Norman Caroon and discussed ongoing BMP maintenance.	3/2/2017	No	Detention Basin	0	
Todd Marine Electrical Supply	T660.3	Ok - Met with company president, Mr. Norman Caroon and discussed ongoing BMP maintenance.	3/2/2017	No	Detention Basin	0	
Towing Operations Center	S68.1	Next scheduled maintenance event in March 2017. Please remove cut vegetation (trees) and remove the inlet protection from the drop inlet grates within the bioretention basin aside from the regular maintenance activities (trim vegetation, remove debris, clean inlets, and replace mulch)	1/11/2017	No	Bioretention Basins	0	
Townhomes	04-0132.1	Front Infiltration trench - Ok	8/22/2016	No	General Infiltration Practices	0	
Townhomes	04-0132.2	Rear infiltration trench - Ok	8/22/2016	No	General Infiltration Practices	0	
Townhomes	06-0129.1	Ok	9/28/2016	No	Detention Basin	0	
Townhomes	06-0129.2	Ok	9/28/2016	No	Detention Basin	0	
Townhouses	T291.1	Ok	8/2/2016	No	General Infiltration Practices	0	
Townhouses	06-0003.1	Ok	8/22/2016	No	Extended Detention Basin	0	
Townhouses	03-0193.1	Please clear out sediment and debris from the drop-inlet grates and underground infiltration BMP.	4/7/2017	Yes	General Infiltration Practices	1	7/6/2017
Townhouses	03-0193.2	Please clear out sediment and debris from the drop-inlet grates and underground infiltration BMP.	4/7/2017	Yes	General Infiltration Practices	1	7/6/2017
Trader Square	04-0136.1	Vortechs Model 3000 located at SW corner of building near intersection of Granby and Plume Streets. Measured depth to water (64") and depth to sediment pile (87") for a water column depth in the grit chamber of 23". Indicates service (vactored/cleaned out) will be needed soon.	9/9/2016	No	Manufactured BMP Systems	0	
Trader Square	04-0136.2	Vortechs Model 3000 by NE corner of building by City Hall Avenue and Garage Exit. Measured depth to water (53") and depth to sediment pile (86") for a water column depth in the grit chamber of 33".	9/9/2016	No	Manufactured BMP Systems	0	

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Trail of the Tiger Exhibit	S52.1	~1 in. of sediment in outlet bay, ~2-3 in sediment in filter bay. Please maintain the Contech Stormfilter in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	7/29/2016	Yes	Manufactured BMP Systems	1	
Trail of the Tiger Exhibit	S52.1	Stormfilter. Met with Mark Schwartz of General Services - Facility Maintenance onsite. We discussed the previous maintenance of the Stormfilter. Mr. Schwartz said their contractor pulls out the filters and cleans them as well as vactors out the filter area as part of the yearly maintenance. Mr. Schwartz said maintenance was due and that they would have it done and send me a copy of the maintenance record.	5/2/2017	No	Manufactured BMP Systems	0	
Tubbs Auto Parts	03-0081.1	Please maintain the Oil-Water Separator in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	12/8/2016	Yes	Manufactured BMP Systems	1	
U-Haul	99-4220.1	Infiltration Swale - Ok	11/21/2016	No	General Infiltration Practices	0	
Uncle Bob's Self Storage Expansion	11-0082.1	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and please provide copies of the maintenance logs.	7/22/2016	Yes	Manufactured BMP Systems	1	7/31/2017
Union Chapel A.M.E. Church	T38.1	BMP Detention Area #1 - Need to removed sediment and debris from curb-cut inlet and remove vegetation from stone. Also, appears that oil was dumped into a small area of the stone BMP. The contaminated stone and soil need to be removed and properly disposed of and new clean stone put back in its place.	5/4/2017	Yes	General Infiltration Practices	1	8/14/2017
Union Chapel A.M.E. Church	T38.2	BMP Detention Area #2 - Need to removed sediment and debris from curb-cut inlets and remove vegetation from stone within detention areas.	5/4/2017	Yes	General Infiltration Practices	1	8/14/2017
Union Chapel A.M.E. Church	T38.3	BMP Detention Area #3 - Need to removed sediment and debris from curb-cut inlets and remove vegetation from stone within detention area.	5/4/2017	Yes	General Infiltration Practices	1	8/14/2017
University Pizza Parking	02-0265.1	Ok. Grass swale there but not very distinguishable, and no check dam present.	8/23/2016	No	Grassed Swale	0	
US General Services Admin	S63.1	Scheduled for monthly maintenance. Last maintained on 2/27/2017 per Hansen. Need to repair erosion at outfall of concrete pipe connecting the 2 detention basins.	3/13/2017	No	Extended Detention Basin	0	
USAA Recreation Area	T36.1	Please clear debris from the inlet and outlet of the detention basin, and please remove fallen trees and branches within the detention basin.	8/26/2016	Yes	Extended Detention Basin	2	7/24/2017
USAA Recreation Area	T36.2	Please repair the damaged drop inlet grate.	8/26/2016	Yes	General Infiltration Practices	2	7/24/2017
VA Dermatology and Skin Cancer Center	14-0029.1	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	1/4/2017	Yes	Manufactured BMP Systems	1	3/9/2017

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Vanguard Warehouse	03-0028.1	Ok	1/5/2017	No	Detention Basin	0	
Village Foods - Azalea Garden & Village Intersec	91067.022.1	Ok - minor amount of trash and woody vegetation within retention basin	1/20/2017	No	Retention Basin	0	
Village Point Senior Housing	00-4332.1	Please clear accumulated debris from the underground stormwater drainage lines (infiltration BMPs) and the drop inlet structures.	8/23/2016	Yes	General Infiltration Practices	1	1/27/2017
Village Point Senior Housing	00-4332.2	Please clear accumulated debris from the underground stormwater drainage lines (infiltration BMPs) and the drop inlet structures.	8/23/2016	Yes	General Infiltration Practices	1	1/27/2017
Village Point Senior Housing	00-4322.3	Please clear accumulated debris from the underground stormwater drainage lines (infiltration BMPs) and the drop inlet structures.	8/23/2016	Yes	General Infiltration Practices	1	1/27/2017
Village Point Senior Housing	00-4332.4	Please clear accumulated debris from the underground stormwater drainage lines (infiltration BMPs) and the drop inlet structures.	8/23/2016	Yes	General Infiltration Practices	1	1/27/2017
Village Point Senior Housing	00-4332.5	Please clear accumulated debris from the underground stormwater drainage lines (infiltration BMPs) and the drop inlet structures.	8/23/2016	Yes	General Infiltration Practices	1	1/27/2017
Vinings Landing Marine Center	04-0026.1	Please maintain the 3 Stormceptor units (2 model #STC-1200 and 1 model #STC-900) in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	12/13/2016	Yes	Manufactured BMP Systems	1	1/20/2017
Virginia Wesleyan College - Physical Plant	92067.053.1	Ok - 2 stone check dams, some leaf litter present but ok. Talked with Maintenance Director about maintenance and drainage issues.	1/20/2017	No	Extended Detention Basin	0	
Virginia Wesleyan College - Physical Plant	92067.053.2	Ok - 2 stone check dams, some leaf litter present but ok. Talked with Maintenance Director about maintenance and drainage issues.	1/20/2017	No	Extended Detention Basin	0	
Virginia Zoological Park, Phase I	T473.1	Met with Mark Schwartz of General Services and Zoo Facilities Manager about this Sand Filter BMP. We spent some time looking at some of the stormdrains and the outfall to determine where the sand filter BMP might be located. I plan to bring Peter with the camera truck and possible a vactor truck (if needed) to help us locate the sand filter BMP, but that might be a month or 2 out since our camera is being repaired right now and the loaner camera is stuck along Hampton Blvd.	5/2/2017	No	General Intermittent Sand Filter Practices	0	
Virtexco Corporation	T145.1	Please remove invasive aquatic vegetation from the retention basin, and remove woody vegetation from the banks of the retention basin.	2/15/2017	Yes	Retention Basin	1	4/28/2017
VIT Office Building	06-0112.1	Please clear/remove vegetation in front of and immediately around the retention pond outfall (structure B1 on the plans).	8/22/2016	Yes	Retention Basin	1	10/4/2016
Vulcan Construction Materials, L.P.	06-0121.1	Detention basin in Northeast corner of facility - Ok, discussed installing a rock check dam at the inlet swale to reduce sediment load entering BMP.	5/19/2017	No	Detention Basin	0	

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Vulcan Construction Materials, L.P.	06-0121.2	Detention basin in southeast corner of facility - Ok, discussed need for periodic dredging of the detention basin due to vegetation and high sediment load in runoff.	5/19/2017	No	Detention Basin	0	
Vulcan Construction Materials, L.P.	06-0121.3	Split retention basin along west side of facility - Need more frequent cleaning of settlement basin where the wheel-wash runoff enters the swale to drain to the first retention pond. The settlement basin (box) should be cleaned out once the sediment pile height is halfway up the box. Also, the first retention pond will need frequent dredging due to the high sediment load in the runoff entering the pond.	5/19/2017	No	Retention Basin	0	
Vulcan Construction Materials, L.P.	06-0121.4	The plan specifies a manufactured BMP (Contech Stormfilter) to be installed within structure C-2. However, based upon the 5/19/2017 inspection, and previous inspections, erosion and sediment control measures are maintained in/on structure C-2. Please install the manufactured BMP (Stormfilter) as specified in the approved plans.	5/19/2017	Yes	Manufactured BMP Systems	2	8/17/2017
Walgreens	05-0085.1	Please remove trash from the detention basin.	2/9/2017	Yes	Detention Basin	1	4/13/2017
Walgreens	01-0224.1	Please maintain the Stormceptor (Series 900 according to plans) in accordance with the manufacturers specifications, and provide a copy of the maintenance record.	4/7/2017	Yes	Manufactured BMP Systems	1	
Walmart @ Military Hwy	02-0174.1	Vortechnics last serviced on 4/5/2016 - Ok	1/17/2017	No	Manufactured BMP Systems	0	
Walmart @ Military Hwy	02-0174.2	Vortechnics last serviced on 4/5/2016 - Ok	1/17/2017	No	Manufactured BMP Systems	0	
Walmart @ Tidewater	05-0074.1	Ok	6/15/2017	No	Retention Basin	0	
Walmart @ Tidewater	05-0074.2	Please maintain the Vortechnics BMP in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	6/15/2017	Yes	Manufactured BMP Systems	1	8/10/2017
Walmart @ Tidewater	05-0074.3	Please maintain the Vortechnics BMP in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	6/15/2017	Yes	Manufactured BMP Systems	1	8/10/2017
Walter H. Taylor Elementary School	NPS07.1	Ok, but I don't think detention basin A or B were originally constructed properly. No curb inlets and the bottom of the detention basins are a higher elevation than the adjacent parking lot. Detention basin C is okay.	8/29/2016	No	General Infiltration Practices	0	
Walter H. Taylor Elementary School	NPS07.2	Ok, but I don't think detention basin A or B were originally constructed properly. No curb inlets and the bottom of the detention basins are a higher elevation than the adjacent parking lot. Detention basin C is okay.	8/29/2016	No	General Infiltration Practices	0	

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Walter H. Taylor Elementary School	NPS07.3	Ok, but I don't think detention basin A or B were originally constructed properly. No curb inlets and the bottom of the detention basins are a higher elevation than the adjacent parking lot. Detention basin C is okay.	8/29/2016	No	General Infiltration Practices	0	
Warehouse	T146.1	Ok - minor amount of trash present	2/15/2017	No	Grassed Swale	0	
Warehouse / Office Building	04-0152.1	Please repair the observation well within the infiltration basin, and replace the cap for the well.	9/30/2016	Yes	General Infiltration Practices	1	10/4/2016
Warehouse extension	05-0016.1	Ok	5/12/2017	No	Detention Basin	0	
Warehouses	05-0180.1	Ok	1/4/2017	No	Extended Detention Basin	0	
Wash Land	02-0305.1	Ok	1/13/2017	No	Extended Detention Basin	0	
Water's Edge	05-0113.1	Ok	2/9/2017	No	Bioretention Basins	0	
Water's Edge	05-0113.2	Ok	2/9/2017	No	Bioretention Basins	0	
Water's Edge	05-0113.3	Ok	2/9/2017	No	Bioretention Basins	0	
Waterford at Lake Taylor	03-0313.1	Please remove woody vegetation from inlet ditch and rip-rap spillway to Lake Taylor.	1/11/2017	Yes	Detention Basin	1	3/23/2017
Watermark at Talbot Park - Ph. I	15-0036.1	Ok	6/2/2017	No	Bioretention 1	0	
Watermark at Talbot Park - Ph. I	15-0036.2	Ok - standing water in bioretention basin, but underdrain is draining (flowing) as seen in DI overflow structure.	6/2/2017	No	Bioretention 1	0	
Watermark at Talbot Park - Ph. I	15-0036.3	Ok	6/2/2017	No	Bioretention 1	0	
Waterview 5 Lot Subdivision	13-0004.1	3 grass swales. The swales are almost, if not entirely, indistinguishable.	8/19/2016	No	Grassed Swale	0	
WAWA	12-0025.1	Please remove accumulated sediment from flared-end pipe inlets and curb-cut inlet.	10/18/2016	Yes	Detention Basin	1	1/3/2017
WAWA	12-0025.2	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	10/18/2016	Yes	Manufactured BMP Systems	1	1/3/2017
WAWA	12-0025.3	2 Focal Point manufactured Biofiltration Systems. Please maintain the Focal Point Biofiltration Systems in accordance with the manufacturer's specifications, and provide copies of the maintenance records.	10/18/2016	Yes	Manufactured BMP Systems	1	1/3/2017
WAWA	12-0025.4	Xerxes 4'-diameter, 1000-gallon capacity Oil-Water Separator. Please maintain the oil-water separator in accordance with the manufacturer's specifications, and provide a copy of the maintenance record.	10/18/2016	Yes	Manufactured BMP Systems	1	1/3/2017
Wawa Food Market	05-0046.1	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance logs.	7/29/2016	Yes	Manufactured BMP Systems	1	8/1/2016
Wawa Food Market	05-0046.2	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance logs.	7/29/2016	Yes	Manufactured BMP Systems	1	8/1/2016
Wawa Food Market	05-0046.3	Please maintain the Filterra units in accordance with the manufacturer's specifications, and provide copies of the maintenance logs.	7/29/2016	Yes	Manufactured BMP Systems	1	8/1/2016
WaWa Food Market	05-0040.1	Maintenance crew working to clean up trash during inspection. Ok	10/28/2016	No	Retention Basin	0	

SWMF Inspections/Reinspections List - FY17 (Public and Private)

Site	SWMF ID	Inspection Notes	Inspection Date	Follow-up Action Required	DCR Classification	Number Of Reinspections	Last Reinspection Date
Wells Fargo	09-0039.1	Vortech Model 3000 in Loading and Compactor area along Charlotte Street. Treats drainage from Building A which is owned by Slnwc Residential Co., LLC. Please maintain the Vortech unit in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	9/6/2016	Yes	Manufactured BMP Systems	1	11/1/2016
Wells Fargo	09-0039.2	Vortech Model 2000 in Monticello Station Apartments Courtyard along Bank Street. Treats drainage from Building D which is owned by Slnwc Residential Co., LLC. Please maintain the Vortech unit in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	9/6/2016	Yes	Manufactured BMP Systems	1	11/1/2016
Wells Fargo	09-0039.3	Vortech Model 3000 in walkway between retail shops along Monticello Avenue. Treats drainage from Building B which is owned by Slnwc Residential Co., LLC. Please maintain the Vortech unit in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	9/6/2016	Yes	Manufactured BMP Systems	1	11/1/2016
Wells Fargo	09-0039.4	Vortech Model 5000 in Public Garage Entrance along Freemason Street. Treats drainage from Central Parking Building P which is owned by the City of Norfolk Division of Parking. Please maintain the Vortech unit in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	9/6/2016	Yes	Manufactured BMP Systems	1	11/7/2016
Wells Fargo	09-0039.5	Vortech Model 1000 in Public Garage Exit along Freemason Street. Treats drainage from Building C which is owned by Slnwc Residential Co., LLC.. Please maintain the Vortech unit in accordance with the manufacturer's specifications, and please provide a copy of the maintenance log.	9/6/2016	Yes	Manufactured BMP Systems	1	11/1/2016
Westover Commons	03-110.1	Ok	7/29/2016	No	General Infiltration Practices	0	
WHRO building addition	00-4523.1	Ok	8/23/2016	No	General Infiltration Practices	0	
Widgeon Point	06-0110.1	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and please provide a copy of the maintenance record.	9/9/2016	Yes	Manufactured BMP Systems	1	10/5/2016
Widgeon Point	06-0110.2	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and please provide a copy of the maintenance record.	9/9/2016	Yes	Manufactured BMP Systems	1	10/5/2016
Widgeon Point	06-0110.3	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and please provide a copy of the maintenance record.	9/9/2016	Yes	Manufactured BMP Systems	1	10/5/2016
Widgeon Point	06-0110.4	Please maintain the Filterra unit in accordance with the manufacturer's specifications, and please provide a copy of the maintenance record.	9/9/2016	Yes	Manufactured BMP Systems	1	10/5/2016
Willard Elementary School Parking Lot	NPS13.1	Ok.	9/21/2016	No	General Infiltration Practices	0	
Willoughby Bluff Condos	T643.1	Ok	7/6/2016	No	General Infiltration Practices	0	

SWMF Inspections/Reinspections List - FY17 (Public and Private)

Site	SWMF ID	Inspection Notes	Inspection Date	Follow-up Action Required	DCR Classification	Number Of Reinspections	Last Reinspection Date
Woodard Office Building	01-0192.1	Ok. No measureable accumulated debris in drop inlet.	10/6/2016	No	General Infiltration Practices	0	
Woodard Office Building	01-0192.2	Ok. No measurable accumulated debris in drop inlets.	10/6/2016	No	General Infiltration Practices	0	
Woodlawn Memorial Gardens Funeral Home	T409.1	Please clear accumulated sediment and debris within and around the flared-end inlet pipe.	3/8/2017	Yes	Detention Basin	1	
Woodlawn Memorial Gardens Funeral Home	T409.2	Please plug or remove the 4-inch corrugated pipe running from the curb-cut inlet to the overflow drop inlet grate within the detention basin.	3/8/2017	Yes	Detention Basin	1	
WVEC Parking Lot improvements	01-0055.1	Ok. Observation wells were dry. Minor amount of vegetation growth in infiltration trench along west side of parking lot.	9/15/2016	No	General Infiltration Practices	0	
YMCA Family Center on Granby Street	12-0024.1	Please maintain the Filterra unit per the manufacturer's specifications, and provide a copy of the maintenance log.	7/14/2016	Yes	Manufactured BMP Systems	1	
YMCA Family Center on Granby Street	12-0024.2	Please maintain the Filterra unit per the manufacturer's specifications, and provide a copy of the maintenance log.	7/14/2016	Yes	Manufactured BMP Systems	1	
YMCA Family Center on Granby Street	12-0024.1	Filterra - Ok, spoke to Brandon Fitchett with YMCA, they have their landscaper maintain the 2 Filterras every other month and they document it. Brandon said he would email the most recent maintenance record. Received 2/3/17 maintenance record	5/16/2017	No	Manufactured BMP Systems	0	
YMCA Family Center on Granby Street	12-0024.2	Filterra - spoke to Brandon Fitchett with YMCA, they have their landscaper maintain the 2 Filterras every other month and they document it. Brandon said he would email the most recent maintenance info later today.	5/16/2017	No	Manufactured BMP Systems	0	
Zap Tax	T257.1	Ok - some grass and a minor amount of fine sediment on some areas of stone.	4/10/2017	No	General Infiltration Practices	0	
Zoo-Animal Wellness Center	S66.1	Please clear vegetation, sediment, and debris from the curb-cut inlets. Also, please remove accumulated sediment from pervious pavers.	7/29/2016	Yes	Detention Basin	1	
Zoo-Animal Wellness Center	S66.2	Please clear vegetation, sediment, and debris from curb-cut inlets.	7/29/2016	Yes	Detention Basin	1	
Zoo-Animal Wellness Center	S66.3	Please clear vegetation, sediment, and debris from curb-cut inlets.	7/29/2016	Yes	Detention Basin	1	
Zoo-Animal Wellness Center	S66.4	The dry detention basin has been converted to a wet pond with a bridge over it (for aesthetic purposes). Also the roof drains along the eastern side of the building have been re-piped to discharge to the DI in the parking lot (bypassing going into the former detention basin).	7/29/2016	No	Detention Basin	0	
Zoo-Animal Wellness Center	S66.1	Dry Detention BMP #1 - Ok, curb cut inlets and overflow structure clear and vegetation cut back	5/2/2017	No	Detention Basin	0	
Zoo-Animal Wellness Center	S66.2	Dry Detention BMP #2 - Ok, curb cut inlets and overflow structure clear and vegetation cut back	5/2/2017	No	Detention Basin	0	
Zoo-Animal Wellness Center	S66.3	Dry Detention BMP #3 - Ok, curb cut inlets and overflow structure clear and vegetation cut back, watch minor amount of erosion at curb-cut inlets	5/2/2017	No	Detention Basin	0	

SWMF Inspections/Reinspections List - FY17 (Public and Private)

Site	SWMF ID	Inspection Notes	Inspection Date	Follow-up Action Required	DCR Classification	Number Of Reinspections	Last Reinspection Date
Zoo-Animal Wellness Center	S66.4	Dry Detention Basin #4 - still a wet pond as inspected last year (7/29/2016). Met with Mr. Mark Schwartz onsite. We discussed trying to use the various rain gardens installed throughout the Zoo property as credit to make up for the loss of this detention basin. Mr. Schwartz said they would compile a list of rain gardens they installed throughout the Zoo.	5/2/2017	No	Detention Basin	0	

UPDATED SWMF INFO - FACILITIES BROUGHT ONLINE FY17																
Site Title	Street Number	Street Name	Total Site Area	Total Impervious Area	SWMF ID	Ownership Type	SWMF Type	Contributing Drainage Area	Long	Lat	SWMF Maintenance Agreement	Date Online	HUC	DISCHARGES TO MS4?	IMPAIRED WATER SEGMENT DISCHARGES TO	DATE OF LAST INSPECTION
Lot 25 8033 Ransom Road	8033	RANSOM ROAD	0.23	0.07	08-0062.1	Private	Bioretention Basins	0.15	-76.1949	36.92095073	Yes	05/23/2017	CB26	N	Little Creek & Harbor	5/22/2017
Larchmont Elementary School	1145	BOLLING AVENUE	20.4	4.9	14-0084.1	School	Retention Basin	7.34	-76.2996	36.89018058	N/A	06/02/2017	JL56	N	Lafayette River (Upper)	6/1/2017
Mixed Use Development Church St.	1402	CHURCH STREET	0.64	0.29	14-0080.1	Private	Detention Basin	0.3	-76.2787	36.86050826	No	09/27/2016	JL54	Y	Elizabeth River Main Stem (Upper)	9/26/2016
Mixed Use Development Church St.	1402	CHURCH STREET	0.64	0.29	14-0080.2	Private	Permeable Pavement 1	0.3	-76.2787	36.86046308	No	09/27/2016	JL54	Y	Elizabeth River Main Stem (Upper)	9/26/2016
The Banks at Berkley	701	SOUTH MAIN STREET	2.648	1.477	14-0072.1	Private	Infiltration 2	1.31	-76.285	36.83259913	Yes	03/31/2017	JL53	Y	E. Branch Elizabeth River (Lower)	5/12/2017
The Banks at Berkley	701	SOUTH MAIN STREET	2.648	1.477	14-0072.2	Private	Infiltration 2	1.1	-76.2847	36.8328086	Yes	03/31/2017	JL53	Y	E. Branch Elizabeth River (Lower)	5/12/2017
NRHA Broad Creek Ph. 5	2800	CARY AVENUE	17.44	9.02	14-0022.1	Private	Extended Detention Basin	1.34	-76.2552	36.85827913	Yes	10/28/2016	JL56	Y	Lafayette River (Upper)	2/28/2017
Metro Towing Company, Inc.	5870	CURLEW DRIVE	0.89	0.79	14-0094.1	Private	Permeable Pavement 1	0.3	-76.2036	36.84203786	Yes	03/20/2017	JL54	Y	Broad Creek E. Branch Elizabeth River	3/20/2017
17th Bay Street Duplexes	9607	17TH BAY STREET	0.34	0.34	14-0092.1	Private	Dry Swale 2	0.14	-76.1981	36.92965414	Yes	04/19/2017	CB26	Y	Little Creek & Harbor	4/18/2017
17th Bay Street Duplexes	9607	17TH BAY STREET	0.34	0.34	14-0092.2	Private	Dry Swale 2	0.032	-76.1981	36.92965414	Yes	04/19/2017	CB26	Y	Little Creek & Harbor	4/18/2017
17th Bay Street Duplexes	9607	17TH BAY STREET	0.34	0.34	14-0092.3	Private	Dry Swale 2	0.031	-76.1981	36.92965414	Yes	04/19/2017	CB26	Y	Little Creek & Harbor	4/18/2017
17th Bay Street Duplexes	9607	17TH BAY STREET	0.34	0.34	14-0092.4	Private	Rooftop (Impervious Surface) Disconnection	0.02	-76.1981	36.92965414	Yes	04/19/2017	CB26	Y	Little Creek & Harbor	4/18/2017
Watermark at Talbot Park - Ph. I	7201	NEWPORT AVENUE	5.61	4.16	15-0036.1	Private	Bioretention 1	0.97	-76.2807	36.91008039	Yes	12/09/2016	JL56	Y	Lafayette River (Upper)	6/2/2017
Watermark at Talbot Park - Ph. I	7201	NEWPORT AVENUE	5.61	4.16	15-0036.2	Private	Bioretention 1	0.51	-76.2807	36.91008039	Yes	12/09/2016	JL56	Y	Lafayette River (Upper)	6/2/2017
Watermark at Talbot Park - Ph. I	7201	NEWPORT AVENUE	5.61	4.16	15-0036.3	Private	Bioretention 1	0.19	-76.2807	36.91008039	Yes	12/09/2016	JL56	Y	Lafayette River (Upper)	6/2/2017
Roper Home Parking Lot	127	E 40TH STREET	0.615	0.08	15-0008.1	Private	Permeable Pavement 2	0.12	-76.2804	36.88308749	Yes	02/22/2017	JL56	Y	Lafayette River (Upper)	2/22/2017
Clairmont Apartments	1050	BERKLEY AVENUE EX	9.29	4.24	15-0006	Private	Retention Basin	8.16	-76.2706	36.82730399	Yes	05/31/2017	JL54	Y	Unsegmented Estuaries in EBEMH	5/31/2017
20th Bay Street Subdivision	9612-9626	20TH BAY STREET	1.03	0.5	16-0004.4	Private	Grass Channel	0.09	-76.194	36.93011919	Yes	12/16/2016	CB26	Y	Little Creek & Harbor	12/16/2016
20th Bay Street Subdivision	9612-9626	20TH BAY STREET	1.03	0.5	16-0004.5	Private	Grass Channel	0.1	-76.194	36.93011919	Yes	01/24/2017	CB26	Y	Little Creek & Harbor	1/24/2017
20th Bay Street Subdivision	9612-9626	20TH BAY STREET	1.03	0.5	16-0004.6	Private	Grass Channel	0.09	-76.194	36.93011919	Yes	01/24/2017	CB26	Y	Little Creek & Harbor	1/24/2017
20th Bay Street Subdivision	9612-9626	20TH BAY STREET	1.03	0.5	16-0004.7	Private	Grass Channel	0.09	-76.194	36.93011919	Yes	11/16/2016	CB26	Y	Little Creek & Harbor	11/16/2016
20th Bay Street Subdivision	9612-9626	20TH BAY STREET	1.03	0.5	16-0004.8	Private	Grass Channel	0.15	-76.194	36.93011919	Yes	10/25/2016	CB26	Y	Little Creek & Harbor	10/25/2016
Milton Point at Kimball Terrace Shipyard	2401	KIMBALL TERRACE	14.66	5.53	15-0046.1	Private	Dry Swale 1	1.2	-76.2622	36.84267071	Yes	01/13/2017	JL54	N	E. Branch Elizabeth River (Lower)	1/12/2017
Milton Point at Kimball Terrace Shipyard	2401	KIMBALL TERRACE	14.66	5.53	15-0046.2	Private	Dry Swale 1	1.44	-76.2609	36.84234286	Yes	01/13/2017	JL54	N	E. Branch Elizabeth River (Lower)	1/12/2017
Milton Point at Kimball Terrace Shipyard	2401	KIMBALL TERRACE	14.66	5.53	15-0046.3	Private	Dry Swale 1	0.4	-76.2612	36.8429257	Yes	01/13/2017	JL54	N	E. Branch Elizabeth River (Lower)	1/12/2017
Partrea Site Improvements	701	EASY STREET	0.6	0.36	15-0021.1	Private	Permeable Pavement 1	0.14	-76.2547	36.90804337	Yes	05/17/2017	JL56	Y	Lafayette River (Upper)	5/16/2017
Norfolk Academy Football Stadium	1585	WESLEYAN DRIVE	2.7	1.33	15-0059.1	Private	Bioretention Urban	0.13	-76.1927	36.87493863	Yes	06/28/2017	JL54	Y	Broad Creek E. Branch Elizabeth River	6/15/2017
Norfolk Academy Football Stadium	1585	WESLEYAN DRIVE	2.7	1.33	15-0059.2	Private	Permeable Pavement 1	0.13	-76.1927	36.87499021	Yes	06/28/2017	JL54	Y	Broad Creek E. Branch Elizabeth River	6/15/2017
Norfolk Academy Football Stadium	1585	WESLEYAN DRIVE	2.7	1.33	15-0059.3	Private	Grass Channel	0.21	-76.1926	36.87485063	Yes	06/28/2017	JL54	Y	Broad Creek E. Branch Elizabeth River	6/15/2017
Norfolk Academy Football Stadium	1585	WESLEYAN DRIVE	2.7	1.33	15-0059.4	Private	Rooftop (Impervious Surface) Disconnection	0.14	-76.193	36.87477781	Yes	06/28/2017	JL54	Y	Broad Creek E. Branch Elizabeth River	6/15/2017
Norfolk Christian Soccer Field	255	THOLE STREET	2.96	0.25	15-0058.1	Private	Grass Channel	0.8	-76.2726	36.90469989	Yes	05/12/2017	JL56	N	Lafayette River (Upper)	5/12/2017

THE CITY OF NORFOLK

HIGH PRIORITY MUNICIPAL YARD STUDY



June Whitehurst,

Environmental Programs Manager

May 1, 2017

Introduction:

The City of Norfolk (City) is mandated by federal and state law, as well as the City's Municipal Separate Storm Sewer System (MS4), Virginia Pollutant Discharge Elimination System (VPDES) Permit, VA0088650 (effective July 1, 2016), to monitor and control pollutants in storm water discharges from City storm water conveyances. As outlined in Part I.B.2.i of the MS4 permit, the City is required to identify all City-owned high priority municipal facilities that have a high potential of discharging pollutants.

High priority municipal facilities are defined as those municipal yards that are owned and operated by the City which includes composting facilities, equipment storage and maintenance facilities, materials storage yards, pesticide storage facilities, public works yards, recycling facilities, salt storage facilities, solid waste handling and transfer facilities, and vehicle storage maintenance yards. A comprehensive analysis was conducted in Spring 2017 by the Department of Public Works, Division of Environmental Storm Water Management staff, to identify City-owned high-priority facilities that may require a separate VPDES industrial stormwater permit and/or a storm water pollution prevention plan (SWPPP). The analysis completed utilized a GIS table-top exercise, field verification, and Storm Water environmental staff professional knowledge of City operations. The initial list will be better refined throughout the 5-year permit term as comprehensive site evaluations are conducted and SWPPPs are developed.

High Priority Municipal Facility Analysis:

Facility parcel information was obtained from a layer within the City's GIS to locate all City-owned properties. The table-top analysis utilized the 2016 aerial photography to visually inspect each City-owned parcel. Specific parcel categories were excluded from the analysis, including vacant lots, office buildings, parking lots, streets, and sidewalks. During this exercise, a list of parcels that required additional field verification based on the nature of their business was compiled.

Initial field assessments of city facilities included public works yards, utilities yards, parks & forestry yards, facility maintenance, fleet maintenance, public schools, libraries, community centers, police stations, and fire stations. During the field assessment, the areas were inspected for the presence of equipment and/or material storage, outdoor stockpiles, bulk waste containers, above ground chemical storage tanks, and any other obvious pollution sources from standard operations. Table 1 outlines the facilities inspected, date inspected, and initial assessment as to whether it meets the requirements for the development of a SWPPP.

Table 1: City-owned Parcel Assessment for SWPPP Development

Site Name	Site Address	Date Assessed	High Priority SWPPP Requirement (Yes/No)
Facilities Management	2840 Dana Street	9/21/2016	Yes
Fleet Maintenance	1188 Lance Road	9/21/2016	Yes

Parks and Urban Forestry	2839 Dana Street	1/30/2017	Yes
Public Works Combined Ops	2233 McKann Avenue	N/A - VDPES Permit; SWPPP Already Developed	Yes
Public Works Waste Management	1176 Pineridge Road	N/A - VDPES Permit; SWPPP Already Developed	Yes
School Transportation Services	5555 Raby Road	9/23/2016	Yes
Utilities - Wastewater Combined Operations	1316 Ballentine Road	9/12/2016	Yes
Utilities Water Treatment - 37th Street	3719 Parker Avenue	9/20/2016	Yes
Utilities Water Treatment - Moores Bridges	6040 Water Works Road	9/21/2016	Yes
1st Precinct/Investigations/Records/EOC	3661 E Virginia Beach Blvd	9/8/2016	No
2nd Precinct / Training	2500 N Military Hwy	9/8/2016	No
Admin, environmental, lab and medical	830 South Hampton Ave	1/13/2017	No
Animal Management Center	5585 Sabre Road	8/26/2016	No
Attucks Theatre	1010 Church Street	8/18/2016	No
Azalea Gardens Middle School	7721 Azalea Garden Road	8/1/2016	No
Barrad Park	1136 Vista Street	8/18/2016	No
Barron F Black Branch Library	6700 E Tanners Creek Drive	8/2/2016	No
Bayview Elementary + Rec center	1434 E Bayview Blvd	8/1/2016	No
Berkley Campostella Early Childhood Center	1530 Cypress Street	8/31/2016	No
Berkley Community Park	903 South Main Street	8/26/2016	No
Blyden Branch Library	879 E Princess Anne Road	8/18/2016	No
Booker T Washington High School	111 Park Avenue	8/4/2016	No
Calcott Elementary School	137 E Westmont Ave	7/28/2016	No
Calvert Square early Childhood Center	975 Bagnale Road	8/23/2016	No
Camp Allen Elementary School	501 C Street	8/8/2016	No
Campostella Center	1130 Leake Street	8/16/2016	No
Campostella Elementary School	1106 Campostella Road	7/27/2016	No
Chesterfield Academy	2915 Westminster Ave	8/8/2016	No

Coleman Place Elementary School	2445 Palmyra Street	8/3/2016	No
Coronado School (Open campus)	1025 Widgeon Road	8/22/2016	No
Crossroads Rec Center + ES	7020 Tidewater Drive	8/5/2016	No
Diggs Town Park	1401 Melon Street	8/31/2016	No
Dream Keepers Academy-old building	2600 E Princess Anne Ave	8/4/2016	No
East Ocean View Community Center	9520 20th Bay Street	8/1/2016	No
Easton Preschool	6045 Curlew Drive	8/30/2016	No
Fairlawn Elementary School	1132 Wade Street	8/8/2016	No
Fairlawn Rec Center	1014 Kempsville Road	8/8/2016	No
Fire Station 1	736 Cecelia Street	8/23/2016	No
Fire Station 10	4100 E Virginia Beach Blvd	8/30/2016	No
Fire Station 11	3127 Verdun Court	8/18/2016	No
Fire Station 12	1650 W Little Creek Road	8/18/2016	No
Fire Station 13	176 Maple Avenue	8/26/2016	No
Fire Station 14	1460 Norview Ave	8/18/2016	No
Fire Station 16	7924 Camelia Road	8/22/2016	No
Fire Station 2	2501 Church Street	8/30/2016	No
Fire Station 7	1211 W 43rd Street	8/18/2016	No
Fire Station 9 and Training Center	115 Thole Street	8/22/2016	No
Fred Huette Center	1000 Botetourt Gardens	1/13/2017	No
Ghent Elementary School	200 Shirley Ave	8/8/2016	No
Granby Elementary School	7101 Newport Ave	8/5/2016	No
Granby High School	7101 Granby Street	8/5/2016	No
Granby Municipal Building	400 Granby Street	1/13/2017	No
Harrison Opera House	160 W Virginia Beach Blvd	1/13/2017	No
Horace C Downing Branch Library	555 E Liberty Street	8/26/2016	No
Human Services	741 Monticello Ave	1/13/2017	No
Huntersville Community Center	880 Goff Street	7/27/2016	No
Ingleside Elementary School	976 Ingleside Road	8/4/2016	No
Ingleside Rec Center	940 Ingleside Road	8/4/2016	No
Jacox Elementary School	1300 Marshall Ave	8/4/2016	No
James Blair Middle School	730 Spotswood Ave	8/8/2016	No
James Monroe Elementary	520 W 29th Street	8/9/2016	No
Janaf Branch Library	5900 E Virginia Beach Blvd	8/29/2016	No
Jordan-Newby Branch Library	961 Park Ave	8/4/2016	No

Lafayette Branch Library	1610 Cromwell Drive	8/3/2016	No
Lafayette Winona Middle School	1701 Alsace Ave	8/3/2016	No
Lake Taylor High School	1380 Kempsville Road	8/8/2016	No
Lake Taylor Middle School	1380 Kempsville Road	8/8/2016	No
Lake Taylor Transitional Care Hospital School	1309 Kempsville Road	8/29/2016	No
Lakewood Park and Athletics	1600 Willow Wood Drive	8/3/2016	No
Lamberts Point Community Center	1251 W 42nd Street	8/12/2016	No
Larchmont Branch Library	6525 Hampton Blvd	8/12/2016	No
Larchmont Elementary + Rec Center	1145 Bulling Ave	8/9/2016	No
Larrymore Elementary School	7600 Halprin Drive	8/9/2016	No
Lindenwood Elementary School	2700 Ludlow	7/27/2016	No
Little Creek Branch Library	7853 Tarpon Place	8/1/2016	No
Little Creek Elementary School	7900 Tarpon Place	8/1/2016	No
Louise W Eggleston Center	1161 Ingleside Road	Noncity Facility	No
Madison Career Center	3700 Bowden Ferry Road	8/18/2016	No
Mary D Pretlow Branch Library	9640 Granby Street	7/28/2016	No
Meadowbrook Building + ES	7620 Shirland Ave	8/15/2016	No
Merrimac Landing Rec Center	8809 Monitor Way	7/28/2016	No
Maury High School	322 Shirley Ave	8/8/2016	No
Norfolk Fitness and Wellness Center	7300 Newport Ave	8/15/2016	No
Norfolk Juvenile Detention Center / Home School	1260 Security Lane	8/15/2016	No
Norfolk Skills Center	922 W 21st Street	CLOSED 2009	No
Norfolk Technical Vocation Center	1330 N Military Highway	8/29/2016	No
Northside Community Center	8400 Tidewater Drive	8/1/2016	No
Northside Middle School	180 E Evans Street	7/28/2016	No
Norview ES and Rec Center	6380 Sewells Point RD	8/2/2016	No
Norview High School	6501 Chesapeake Blvd	8/2/2016	No
Norview Middle School	6325 Sewells Point Road	8/3/2016	No
NTVC Annex	1320 N Military Highway	8/29/2016	No
Oakwood Elementary School (abandoned?)	900 Ashbury Ave	8/22/2016	No
Ocean View Elementary School	9501 Mason Creek Road	being rebuilt	No

Oceanair Elementary School	600 Dudley Ave	8/1/2016	No
P.B. Young Elementary School	543 E Olney Road	8/13/2016	No
Park Place Community Center	606 West 29th Street	8/12/2016	No
Poplar Hall Elementary School	5523 Pebble Lane	8/8/2016	No
Richard Bowling Elementary School- old building soon to be SECEP	2861 E Princess Anne Road	8/5/2016	No
Public Works Salt Dome	7658 Central Business Park Drive	9/21/2016	No
Ruffner Middle School	610 May Ave	7/27/2016	No
Sarah Constant Shrine and Beach	324 W Ocean View Ave		No
SECEP Administrative Offices	6160 Kempsville Circle Ste 300B	8/30/2016	No
Sewells Point Elementary School	7928 Hampton Blvd	8/9/2016	No
Sherwood Forest Community Center	4537 Little John Drive	8/3/2016	No
Sherwood Forest Elementary School	3035 Sherwod Forest Lane	8/3/2016	No
Slover Library	235 E Plume Street	1/13/2017	No
St. Helena Elementary School	903 S Main Street	8/9/2016	No
St. Mary's home for disabled children	6171 Kempsville Circle	8/30/2016	No
Station 15	1425 Fisherman's Road	8/22/2016	No
Station 4	5909 Poplar Hall Drive	8/30/2016	No
Station 6	714 Pembroke Ave	1/13/2017	No
Station 8	526 Frederick Street	8/16/2016	No
Stuart Early Childhood Center	446 Virginia Ave	CLOSED	No
Suburban Park Elementary School	310 Thole Street	8/5/2016	No
Tanners Creek Elementary School	1335 Longdale Drive	8/2/2016	No
Tarrallton ES + Rec Center	2080 Tarrallton Drive	8/1/2016	No
Tarrallton Park		8/1/2016	No
Tidewater Park Elementary School	1045 E Brambleton Ave	7/27/2016	No
Titustown Rec Center	7545 Diven Street	8/15/2016	No
Van Wyck Branch Library	1368 Debree Ave	1/13/2017	No
Vivian Mason Center	700 E Olney Road	8/23/2016	No
W.H Taylor Elementary School	1122 W Princess Anne Road	8/9/2016	No
Wells Theatre	108 E Tazewell Street	1/13/2017	No

Willard Model School	1511 Willow Wood Drive	8/3/2016	No
Willoughby Elementary School	9500 4th View Street	7/28/2016	No
Young Terrace Community Center	804 Whitaker Lane	8/23/2016	No
Youth Resource Center	501 Boush Street	1/13/2017	No

Conclusion:

Through this process, the following nine facilities have been identified to meet the high priority municipal facility definition. VDPES Industrial permits and SWPPPS have previously been obtained for two of the facilities as outlined in Table 2. The additional seven facilities will be assessed for separate VDPES industrial permit coverage and SWPPPs developed outlined in Table 3.

Table 2: VDPES Industrial Permits Obtained with Corresponding SWPPPs:

Site Name	Site Address	VDPES Permit #	FINAL SWPPP Date
Public Works Combined Ops	2233 McKann Avenue	VAR051796	11/2008
Public Works Waste Management	1176 Pineridge Road	VAR052006	8/2010

Table 3: Municipal Facilities Requiring Further Assessment and SWPPPs:

Site Name	Site Address	FINAL SWPPP Date	Comments
Facilities Management	2840 Dana Street	6/2017	None
Fleet Maintenance	1188 Lance Road	6/2017	None
Parks and Urban Forestry	2839 Dana Street	6/2017	None
School Transportation Services	5555 Raby Road	6/2017	None
Utilities - Wastewater Combined Operations	1316 Ballentine Road	6/2017	None
Utilities Water Treatment - 37th Street	3719 Parker Avenue	6/2017	None
Utilities Water Treatment - Moores Bridges	6040 Water Works Road	6/2017	None

THE CITY OF
NORFOLK
PUBLIC WORKS

May 1, 2017

Golf Course Facilities

Dear Golf Course Owner/Manager:

Golf courses have been identified as a high-risk facility that has the potential to unintentionally contribute high levels of nutrients and other pollutants to the City's storm water system. If you have not already done so, we encourage your golf course to consider implementing an integrated management practice (IMP) plan and techniques to reduce runoff of fertilizer, pesticides, and other pollutants to the City's storm water system.

Virginia state law, §10.1-104.5, *Nutrient management plans required for golf courses; penalty*, requires all land operated as a golf courses to develop and implement a nutrient management plan on or before July 1, 2017. The Virginia Department of Conservation and Recreation (DCR) has a listing of participating landscape vendors and sample plans on their website that may assist with the development of your nutrient management plan. Visit DCR's website at http://www.dcr.virginia.gov/soil-and-water/wqagree#water-quality-compaies for more information.

The Virginia Golf Course Superintendent Association of America (VGCSS) has also developed a detailed best management practice manual in cooperation with representatives of Virginia Tech, Virginia governmental agencies, allied associations of the Virginia Golf Council, and private sector partners. You will find the information contained within this manual to be useful in understanding the use of best management practices for water quality protection and environmental pollution prevention. Please review the manual at the VGCSAA's website at http://vgcsa.org/-best-management-practices for additional information.

If you have specific questions regarding this letter, please feel free to contact me, Monday through Friday 7:00am-3:30pm at 757-823-4019. Thank you for your assistance in this matter.

Sincerely,

Casey Magruder

Casey Magruder
Environmental Program Administrator

City of Norfolk
Department of Public Works
Division of Environmental Storm Water Management

Mobile Car Wash Application

Name of Business: _____

Owner Name: _____

Mailing Address: _____

_____

Phone Number: _____

I have read and understand Sec. 41.1-4, Pollution of the Stormwater system, of the Norfolk City Code. I also understand that a violation of this section of code is a Class I Misdemeanor. In addition, I have received and agree to read the storm water information packet.

If ANY of the information on this form changes, a new application must be submitted within 10 days of the change.

_____ _____
Owner Sign Date

_____ _____
Witness Sign Date

Please feel free to contact this division at, (757) 823-4000, between 7am and 3:30pm, Monday through Friday, if you have any questions.

NORFOLK

Department of Public Works, Field Engineering & Environmental Management

Mobile Car Wash and Automotive Detailing Facilities

Dear Owner:

As a licensed business owner, it is your responsibility to read and understand the City Codes that may affect your business practices. We want to provide you with some educational material to ensure you avoid possible violations related with pollution of the storm water system.

While performing operations associated with mobile car washing or automotive detailing, please ensure that all rinse water is maintained on site, either through collection and discharge into a sanitary sewer system or infiltration into the ground. Functioning as a commercial entity, you are not authorized to discharge rinse water to the stormwater system; there are no exemptions. Absolutely nothing associated with vehicle washing may be discharged into the street or storm water system. This includes "clean" rinse water not containing detergents, and materials that are considered "Bio-Degradable" and "Environmentally Friendly."

Provided is a copy of the City code, Chapter 41.1, *Storm Water Management*, for your review. Section 41.1-4(c) of the code states that it is unlawful to discharge commercial rinse water into the City's storm water system, including streets, ditches, etc. unless permitted to do so by the Department of Environmental Quality. A violation of this code is a class 1 misdemeanor with a maximum penalty of $2500/day and/or up to 1 year in jail.

Also provided is a brochure, *Remember You Are Not Just Washing a Car...*, that provides additional detail. If you have specific questions regarding this letter or requirements associated with your business, please feel free to contact the Environmental Management staff Monday through Friday 7:00am-3:30pm at 757-823-4000. Thank you for your assistance in this matter.

Sincerely,

Casey Magruder
Environmental Program Administrator

Cc: File

Organization/Event/Publication	Location	Topic/Title/Description	Speaker/Writer/Leader	Start Date	Hours	Number Attending	Intended Audience
Janaf Story Hour	Janaf Branch Library	Water Polluton	Fleta Jackson	07/21/2016	1	6	students
RPOS Summer Camp	Captains Quarters	Water Pollution	Fleta Jackson	08/04/2016	1	35	students
Community Meeting	New Union Chapel	Water Quality Project	CW Gaskill	08/09/2016	1	15	
Community Meeting	New Hope Christian Community Center	Storm Water 101	Fleta Jackson	08/25/2016	1	18	Residents
Back to School Event	Scope	Strive to Thrive	Fleta Jackson	08/27/2016	5	1500	Residents
Neighborhood Expo	Military Circle Mall	Bay Star Homes	Fleta Jackson	09/17/2016	5	500	Residents
Workshop	Neighborhood Expo Military Circle	Rain Barrels and Trees	Justin Shafer and Michael Nentwich	09/17/2016	1	35	Residents
Arbor Day	Keep Norfolk Beautiful	BSH	Fleta Jackson	10/01/2016	4	400	Residents
2nd grade Magic of Water	Lindenwood	Water cycle	Fleta Jackson	10/04/2016	5	65	students
4th Grade Watershed	Richard Bowling Elementary	We all live down stream	Fleta Jackson	10/17/2016	5	83	students
SW drainage project meeting	3213 Thomas Street	SW improvements	John white	10/20/2016	1	6	residents
First Grade Fred the Fish	Camp allen	Water pollution	Fleta Jackson	10/26/2016	4	62	students
Lindenwood 4th Grade	Lindenwood Elem School	Watershed	Fleta Jackson	11/03/2016	5	75	students
6th grade St Patricks	St Patrick School	Watershed-Human Connection	Fleta Jackson	11/15/2016	4	44	students
BSH tree giveaway	1176 Pineridge	Trees-BSH	Fleta Jackson	11/19/2016	5	250	residents
6th grade St Patrick School	St Patrick School	Watershed-Human Connection	Fleta Jackson	12/01/2016	2	23	students
BSH Rain Barrel and Tree Giveawway	2233 McKann	Trees and Rain Barrels	Fleta Jackson	12/03/2016	2	35	residents
3rd grad water cycle	Richard Bowling	Water cycle	Fleta Jackson	01/04/2017	7	80	students
3rd Grade Water cycle	Chesterfield Academy	Water cycle	Fleta Jackson	01/05/2017	4	63	
4th grade watercycle	Willard elem	Water Cycle	Fleta Jackson	01/12/2017	4	65	
Science Fair Judge	Campostella	Science Fair Projects	Fleta Jackson	01/13/2017	3	15	students
Jammin Jamz	Keep Norfolk Beutiful	Trees and BSH	Fleta Jackson	01/14/2017	5	400	residents
2nd Grade Water Cycle	Richard Bowling Elem	Water Cycle	Fleta Jackson	02/01/2017	7	100	students
first grade-Fred the fish	Sewells Point Elementary School	Water Pollution	Betsy Brichter	02/22/2017	6	100	students
Fair	Scope	MEAC College Fair	various	03/08/2017	3	500	High School Students
Career Fair	Ruffner	Public Works info	Various	04/04/2017	6	300	middle school students
Earth Day Reading	PB Young	Water Pollution	Various	04/20/2017	1	126	first grade students
Earth Day Reading	Campostella	Water Pollution	various	04/21/2017	1	108	First Graders
Earth Day Reading	Chesterfield Academy	Water Pollution	various	04/28/2017	1	80	first grade students
Planting Event	Bayview Rec Center	Retain Your Rain	Various	04/29/2017	3	20	residents
1st graders-Fred the fish	Norfolk Collegiate	Water pollution	Betsy Brichter	05/08/2017	1	24	
Kindergarten-Fred the fish	Norfolk Collegiate	Water Pollution	Betsy Brichter	05/11/2017	1	24	
Surban Acres Civic League	Surbaban Park Elementary School	Storm Water Services	Fleta Jackson, Michelle Williams	06/12/2017	1	28	Civic League

Keep America Beautiful

*When reporting, this falls under Great American Cleanup
Volunteers: actively involved in an event
Attendees: part of a presentation/workshop which informs or educates
Audience: in attendance - receive educatinal materials at a festival/booth
Participants: actively contributed to an event or program

Community Cleanups

Event Name	# events	# of public spaces cleaned/improved	# of litter/debris collected	# of Volunteers	Length of Event
USS Tortuga	1.00	1.00	6 bags/10lbs debris	4.00	2.00
Rotaract Club	1.00	1.00	1 bag/7 lbs debris	17.00	3.00
Cromwell/Ellsworth	3.00	3.00	1 bag/1500 lbs debris	49.00	24.00
Mission Contd.	1.00	1.00	4 bags/25 lbs debris	8.00	4.00
Ghent Cleanup	1.00	1.00	86 bags/1720 lbs debris	23.00	1.50
Alpha Phi Omega	1.00	1.00	4 bags	9.00	1.50
Christ and St.Luke's Church	2.00	2.00	160 bags/3200 lbs debris	60.00	3.00
ODU Martin Luther King day	1.00	1.00	21 bags/2 lbs debris	44.00	1.50
CRO's Community Cleanup-Summer Initiative(Huntersville)	1.00	1.00	39 bags	36.00	2.00
CRO Lindenwood	1.00	1.00	20bags	18.00	1.50
Barraud Park - Officer Green, Norfolk Police Dept.	1.00	1.00	11bags	11.00	1.50
1200 Block of Maltby- Officer Blackwell, Norfolk Police Dept.	1.00	1.00	19bag	18.00	1.50
Total	15.00			297.00	47.00
	These numbers should be the same				

Keep America Beautiful

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Participants: actively contributed to an event or program

***Includes: Education, Camps, Schools, Readings, Civic Leagues, Lunch-N-Learns, General Presentations, Workshops, Fairs, Booths, Expos**

Presentations and Workshops

Event Name	# events	# of educator workshops	# of attendees at educator workshop	# of community presentation/workshops	# of ADULT attendees at community presentation/workshops	# of YOUTH attendees at community presentation/workshops	# of afterschool/daycare centers	# of public/private schools	# of camps	#clubs	# of Volunteers
Education Workshop (in-house)											
EARNN Training	4	4	30								
Adopt-A-Spot Training	12	12	70								
Adopt-A-Spot Training	1	1	13								
CTBD Training	3	3	35								
Great American Cleanup Training	2	2	37								
Great American Cleanup Training	4	4	1								
GAC workday/CTBD Bags	1	1	6								
GAC workday/GAC Bags	1	1	7								
Litter Index Training -EMC	2	2	8								
TOTAL	**30**	**30**	**207**								
Community Workshop (outside)											
Lunch-N-Learn: CMA - CGA -Recycling Presentation	1	1	6	1	6						
Lunch-N-Learn: Via Design Arcitech -Recycling Presentation	1	1	6	1	6						
Ingleside Civic League - Litter	1	1	14	1	14						
Riverforest Shores Civic League - recycling	1	1	20	1	20	0					
Tab Church/Cromwell Farms/Ellsworth Civic Leagues KNB program i	1	1	22	1	22	0					
West Ghent Civic League - recycling	1	1	41	1	41						
Park Place Civic League	1	1	40	1	34	6					
Military Circle Mall Neighborhood Expo - Booth	1	1	4	1	4						
Ingelside Civic League-Inglefest - Booth	1	1	60	1	60						
Broch Center - Lynnhaven River Now - Fair and Expo-Booth	1	1	50	1	50						
Norfolk State University - Student Center - litter prevention-Recycling	1	1	50	1	50						
Algonquin Garden Club - KNB mission	1	1	20	1	20					1.00	
Saint Patick School - Recycling Learning Tree Green schools	1	1	31	1	31			1			
Bon Secor Hospital - Earthday Fair-Booth Litter/Recycling	1	1	200	1	200						
First Friday -DNC Waterside-Booth	1	1	500	1	500						7.00
VWC - Recycling/Litter/Beautification volunteers booth	1	1	50	1	50						
Amerigroup Employee Volunteer Fair - Booth	1	1	100	1	100						
Old Dominion University - Day of Service - Booth	1	1	50	1	50						
Lakewood Academy - Litter/Recyclling/Beautification-Booth	1	1	150	1	150			1			
Young Terrace Community Day-Booth	1	1	82	1	2	80		1			
Back to School Event - Scope	1	1	560	1		560					
TOTAL	**21**	**21**	**2056**								
Reach (camps, readings, youth only)											
Campostella Reading 1st grade Reading	2	2	141			141		1			13.00
Chesterfield Academy 1st Grade Reading	1	1	80			80		1			4.00
Camp Allen Elementary School Reading	1	1	45			45		1			
Sewell's Point Elementary School - Reading	1	1	100			100		1			
Granby Elementary School, 2nd graders Reading	1	1	84			84		1			
PB Young Eleimentary School Reading	1	1	133			133		1			7.00
Ingleside Elementary School reading	1	1	90			90		1			
Camp Allen Elementary School - Recycling Activities	1	1	70	1		70		1			
Chesterfield Academy - Litter Prevention and water cycle	1	1	50	1		50		1			
St. Patrick's School: Recycling- Youth Club/Girl Scouts	1	1	15	1		15		1		1.00	
PB Young Elementary School - Career Day	1	1	266	1		266		1			
Ruffner Middle School- Recycling, Beautifician, Litter	1	1	40	1		40		1			
St. Patrick's School Earthday Fair	1	1	160	1		160		1			
Janaf Library: Litter Prevention and Recycyling - Story Time	1	1	10	1		10					
TOTAL	**14**	**14**	**1284**								
Bayview Recreation Center	1	1	18	1		18	1				
Ingleside Recreation Camp - Litter Prevention	1	1	36	1		36	1				
Captain's Quarters Recreation Center	1	1	50								
Janff Library	1	1	10								
Campostella Recreation Center	1	1	45								
TOTAL	**5**	**5**	**159**								
Total		141	7412	30	1410	1984	2	16	0		31.00

Keep America Beautiful

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Volunteers: actively involved in an event

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Pet Waste Stations

Location

Holly Ave and Columbus St.
Mowbray Arch and Fairfax Ave.
2600 Chesterfield Blvd
Colley Ave @Washington Park
Inleft Rd and Lynn River
Beach View beach access
Cape View beach access
Beaumont St.beach acess
Lafayette Dog Park
Triangle Dog Park
Colley Ave. and Maury Ave
Lakewood Park
Freemason Green
Baylor Park
Jeff Robertson Park
Ingleside Rec Center
Warwick Ave. Beach Access
Pinewell by the Bay- middle beach access
Shoop Park
Brambleton Park-corner of Corprew & Maltby
Boutetout St
Northside Park
Tarralton Park
Ballentine Place Park
Winona Dog Park
Captain's Quarters Community Center
Suburban Park School
Beach Avenue
Zoo

1.) ZONE NAME	From To	Meeting Place	Zone Captain	2.) # OF VOLUNTEERS	3.) # OF ACTIVE MILITARY	4.) # OF BOATS	5.) TOTAL SHORELINE	6.) % OF ZONE CLEANED	7.) TOTAL SHORELINE CLEANED	8) TOTAL WEIGHT OF DEBRIS COLLECTED	9.) MOST COMMON ITEM FOUND	10.) MOST UNUSUAL ITEM FOUND	Trash Location	# of bags
Willoughby-HRBT	Bridge to 13th View	end of 15th View at beach access	Joe Kanaly	11	0	0	1	100%	1	117	cups and cig butts	bathing trunks	11th & ocean view ave	13
Willoughby 1	13th view to 11th view	12 view beach access	David Waters	3	1	0	0.04	90%	0.036	8	Cigarette Butts	Buzz Light Year Figuren	Ocean View Beach Park	4
Willoughby 2	9th View to 11th View	Captain Quarters - 800 Little Bay, Norfolk, VA 23503	Michael Claya	15	0	0	0.05	100%	0.05	40	Cigarette Butts, Plastic and dinner ware	propane tank bulk items	In front of super 8 motel. 9th view ent	14
Oastes Creek	Northside neighborhood of Norfolk	8920 Granby St.	Tobin McCurdie	23	3	0	0.25	100%	0.25	100	20 oz Bottles	Hair Dryer, sandals	8910 Granby @ Curb	20
West Ocean View	4th View to 9th View	Post 35 at 8th View	John Stewart	25	2	0	1	100%	1	130	General Trash	Use fire works	850 w. Ocean View	14
Sarah Constant	4th View to 1st View	Sarah Constant Beach	Tara Taffee	31	2	0	1	75%	0.75	52	Cigarette Butts, Wrapper	Check book and Credit Card	e. 2nd entrance Sarach Constant @ tra	5
Ocean View Beach Park	Park Boundaries/Beach/ A View Ave	Ocean View Beach Park	Melissa Lacher	50	3	0	2	100%	2	225	Cigarette Butts, Bottles, Food, Wrappers	Cell Phoneand Socail Security Card	Ocean View Community Park	15
Pinewell on the Bay	Beach/Community Boundaries	Pinewell on the Bay	Tim Wenk	10	1	0	0.6	100%	0.6	75	Cigarette Butts	N/A	Took Home	5
Community Beach Park	Park Boundaries east to Sturgis St	Community Beach Park Shelter	Janice Banks	65	4	0	1	100%	1	90	straws, cigarettes, plastic bag	anchor, shot gun shells	lot at the community beach park ente	10
Cottage Line	Sturgis St to Capeview Ave	Beaumont St on beach	Tami Casey	26	0	0	1.5	100%	1.5	105	cig butts	rope	disposed of	13
Cottage Line #2	Cottage Place Beach to N Beach View	1122 Cottage Place	Paul Evans	15	2	0	3	75%	2.25	25	Beer cans and Cigarette Butts	Dead Seagul	d city about furniture and Disposed of	8
Capeview	Capeview to 1st Bay St	Capeview beach access	Katie Anderson	27	0	0	0.4	100%	0.4	90	Cigarette Butts	Smurf Dolls	Disposed of	6
First Bay	1st Bay St. to 11th Bay St.	4th Bay Oaks	Denise Scott	17	0	0	1.5	100%	1.5	70	bottlees, cups, cig butts, food wrappers	hubcap	Took Home	8
East Ocean View	11th Bay St. to 20th Bay St.	Ships Cabin Restaurnt	Susie Hill	26	1	0	0.6	100%	0.6	51	Cigaretter Butts, Straws	Socks	Median 21st & Bay	9
East Beach	20th Bay St. to 30th Bay	4550 East Beach Drive	Pam Jones	50	0	0	0.8	80%	0.64	450	Cigaretter butts and plastic bags	commercial clothing net, cargo heavy net, sleeping bag, fire extinguisher	Disposed of	21
East Ocean View	20th Bay to Shore Dr bridge	EOV Rec Center	Ann Marie Dorl	22	3	0	1	100%	1	25	Mteal door, drawer, cigaretter butts,milk crate	Pair work boots	Rec center entrance	20
East Ocean View Rec.Center 9520 20th Bay St Norfolk, VA 23518	EOV Rec Kayak launch	End of 20th Bay St.	Brittany Babcock	13	6	10	1	80%	0.8	2000	Bottles glass and plastic	doll, barbie, jeep, birdhouse	Dumpster/ 18th bay shoreline dead ar	20
EOV Rec Land crew	EOV Rec Property	End of 20th Bay St.	Amber Rauch	25	0	0	1	60%	0.6	315	cigarette butts and bottle caps	Ear plugs and bedding	disposed of	15
Pretty Lake	13th Bay to 3rd Bay	end of 3rd	Jim Kitz	12	0	0	1	60%	0.6	550	Bottles & Cans	Fishing Rod	Drive along 3,4,11th,12th Bay. Rug on r	20
Hewitt Farms/Pretty Lake	Dominion Ave through Hewitt Farms	8068 Wedgewood Drive	Gary Greenawalt	8	1	0	1	25%	0.25	290	Shopping Bags	Car thermostat, patio table, wheel barrel, umbrella	8068 wedgewood drive	16
WHRO / ODU	Larchmont Elementary School grounds to Colley Bay	WHRO parking lot	Miles Monroe	8	0	0	0.8	100%	0.8	50	plastic bottle	N/A	WHRO parking lot rear	6
51st and Killam Ave/ 1000 block of 49th St	Wetland sites	51st and Killam Ave	Jeff Shanahan	45	7	0	0.5	100%	0.5	175	Candy Wrapper and Cigaretter Butts	Basketball and Flip Flops	Corner 51st & Killan	10 Metalpoles
SW Granby St Bridge	shoreline behind Norfolk International Terminals		Jeremy Jones	12	0	0	0.39	80%	0.312	680	Plastic Bottles, Caps, and Glass	Hypo needle and plastic coconut	SWCorner Granby Bridge on Grass	24
Riverview	Lavalette Ave Granby to Boat ramp	Lafayette Park lot off of Lavalette	Ricky and Jeannie Hopkins	51	0	0	2	15%	0.3	182	plastic bottles and cig butts	boat brush cara parts, chair	etter Ave @ the park sign near tenn's	17
Zoo/Lafayette Park	Lafayette Park	Lafayette Park lot off of Lavalette	Ricky and Jeannie Hopkins	20	0	0	0.5	100%	0.5	182	cigarette butts		Lavaletter Ave @ the park sign near tenn's	15
Zoo Shoreline	Zoo Shoreline	back zoo parking lot	Daniel Causey	21	7	3	1	75%	0.75	780	Bags, bottle, cig butts	Iphone, tv, grill, glass table top, car bumper, 5 tires, scooter, tv, wooden pallet, tv, car bumper,	2800 Villa Cir	29
Zoo Water Cleanup	water clean up	Boat Ramp	Robin Cannon	2	0	2	0.5	50%	0.25	75	Glass Bottles, 21 Plastic Bags	Wheel well, pool cover	5 bags at Lavallette Rampo	5
Lindenwood School	water access plus shoreline adjacent to ball field	Lindenwood and Middle	Lulia Braut	30	0	0	1	100%	1	400	Litter Wrapper	Tires	By trash cans @back of school	lewood pieces
Barraud Park	End of Vista Street	picnic area at entrance	Kimberly Rose	37	4	0	0.5	25%	0.125	2510	Bags, Bottle Caps, Cans, Styrofoam	Fire extinguisher, Scooter, Barbie, knee pads, viagra supplement	Entrance of park.	59
Lakewood Park Shoreline 1612 Willow Wood Drive	shoreline	In front of Dance and Music Center	Paul Gregge	14	0	6	1	100%	1	135	cups	Car Battery, 2 wooden pallets, chair, 9.5 gallon buckets,	end of park at circle	10
Lakewood Park 1612 Willow Wood Drive	entire park	Front Parking lot near Parks and Rec Information Center Center	Walt Rogers	57	10	0	1	50%	0.5	300	Paper, Plastic Cups	N/A	Front Entrance	12
Newport Ave	Newport Ave	NFWC	Brian Daniel	20	4	0	0.5	100%	0.5	1000	Bottles, Glass, and Plastic	Buried trophies and catheter Bags	Disposed of	38
Norfolk Yacht Club	shoreline behind Norfolk International Terminals		Bob Hume	15	0	2	0.65	100%	0.65	0	plastic bitties	3 tires boat cushions	beside dumpsters	24
Northside Park 8445 Tidewater Dr	Park and trail	Front Parking lot	Rebecca Luce	39	1	0	0.05	100%	0.05	590	cigaretter butts	Tires	seball field and corner of hammett ay	68
Chesterfield Heights	Shoreline Cleanup + Kimballa Terrace & Westminster Ave	2600 Block of Chesterfield Blvd	Cheryll Sumner	27	5	0	0.7	30%	0.21	2500	Plastic Bottels	Bridge pallet	Conner of Majestic & Chesterfield	92
Harbor Park	Water Street to the Boathouse (nets needed)	Harbor Park parking lot	Aaron Bondurant	30	1	0	0.5	100%	0.5	960	Cigaretter Butts and water bottles	Suicide note and baby bouncer	Gravel lot by river	45
Sycamore Street	deadend of Sycamore St.		Lisa Handke	10	0	0	0.5	100%	0.5	1750	Plastic Bottles	Fire Extigulsher	End of Sycamore St.	25
BAE - Shipyard (Berkley)	BAE property		Kathryn Lucas	7	0	0	0.5	50%	0.25	80	Plastic Bottles	Grill top & Headphones	Disposed of	12
Lake Lawson Reservoir	Shoreline Cleanup		Erik Wagner	4	0	0	0.5	75%	0.375	175	Plastic & Metal Can	Soft of vinyl siding.	VA Beach picked up	8
Granby Elementary	school property		Napoleon Caragan	22	0	0	0.25	100%	0.25	55	Candy Wrapper	N/A	Disposed of	15
Totals				940	68	23	33.08		26.148	17387				760
1008														

662 actually picked up by WM

Great American Cleanup

Date of Cleanup	Group Name	Cleanup Location	# of bags wht	# of bags blk	lbs. of Bulk	# of Adults	# of Children	How Long (hours)?	Volunteer Hours	# of trees	# of plants	#of recycling bags	# Clear bags
4-Mar-17	Mildfield Wetlands/Lafayetter Partnership		15			23	2	3.5	80.5			1	
10-Mar-17	Lafayette Wetlands Project	Riverpoint Playground/Riverpoint CL	1			27		3	81				
22-Mar-17	CVN75 Truman	East Beach	8		5	26	2	2	52				
24-Mar-17	Lafayette Wetlands Project	Knitting Mill Creek Walkway				34		3	102				
25-Mar-17	Lafayette-Winona Civic League	Lafayette-Winona Gowrie Park	43		30	11	2	3	33				
25-Mar-17	Bay Oaks Park	Bay Oaks Park	4			5	1	2	10				
25-Mar-17	Suburban Acres	Suburban Park Elem. soccer field		4		11		2	22				
1-Apr-17	ODU	Killam 42-49th Street	24			100		6	600			5	
1-Apr-17	Lakewood Park	Lakewood Park	20	3	60	15	10	1.5	22.5				
5-Apr-17	Lafayette Park	Lafayette Park	9			3	22	1	3				
5-Apr-17	Atlantic Bay/MasterGardeners	Eco Gargen	22			19		2	38				
8-Apr--17	Elizabeth Park Civic League	Curlew Drive from Riverwood to Military		9	250				0	1			6
8-Aril-17	Oakwood Civc League	Sewells Point Rd.	16		50	10		3.5	35				
8-Apr-17	PETA	Ocean View Beach Park	9					2	0				
10-Apr-17	USS George Washington, CVN-73	Barraud Park	45	0	35	7		3	21				
15-Apr-17	Ghent Business Assoc.	Ghent - 21st Street/Colley ave.	35			26	1	2	52				
15-Apr-17	Willington Oaks Community Board	Willington Oaks	75		4000	15	30	5	75			10	
15-Apr-17	Colonial Place/Riverview CL	Colonial Place/Riverview	26			21		1	21				
22-Apr-17	HSC - 5	Tidewater Dr.	7		30	14		3	42				
22-Apr-17	Northside Civic/Crossroads/Oakdale Farms Civic Leagues	Northside Park	10		5	10		2	20				
22-Apr-17	Stephen Leaman	Church St./Monticell Ave.	22			33	31	2.5	82.5				
22-Apr-17	West Ghent CL	Hampton Blvd./Redgate Ave.	2		3	6	2	1.5	9			2	
22-Apr-17	Young Terrace	816 Whitaker Lane	50			36	14	2.5	90				
22-Apr-17	North Camellia Acers CL	North Camellia Shores	1			2		1.5	3				
22-Apr-17	Norfolk Collegiate 5th Graders	Lafayette Park	8			13	23	2	26				
22-Apr-17	Hope House Foundation	49th St. WHRO	9			11	5	2.5	27.5				
22-Apr-17	Ocean View CL	Pretlow Library	26			11	2	1.5	16.5				
22-Apr-17	Newtown South CL	Newtown South	16			4	1	2	8				
22-Apr-17	Dunleavy family	NW side of Granby Street	2			2		1	2			1	
22-Apr-17	Roland Park CL		26			10	1	1.5	15			1	
22-Apr-17	Flowers Baking Company of Norfolk	Onley Rd.	4		10	7	1	1	7				
22-Apr-17	Willoughby CL	Willoughby Spit/Ocean View	105		75	130		3	390				
22-Apr-17	W.H. Taylor Elem. School	W.H. Taylor Elem School	13			25	40	1.5	37.5		18	1	
22-Apr-17	Lake Taylor CL	Banks of Lake Taylor W of Kempsville	21	5	7	18	3	3	54				
22-Apr-17	Grandy Village	Grandy Village	40			26	15	3	78				
22-Apr-17	Sheila Pappos	West 20th Street	3			3	11	1.5	4.5				
22-Apr-17	Lindenwood/Cottage Hights/Barraud Park CL	Lindenwood & Barraud Park	30		500	9	20	2	18				
22-Apr-17	Boy Scout Troop 5	Community Beach Park	7			5	13	2	10			1	
22-Apr-17	Lakeside CL	Lake Lawson	3		20	1		2	2				
22-Apr-17	River Forest Shores/Wayside Manor/Easton Place CL	Ocean View Beach -Community Beach Park to First View	8			10	1	3	30				
22-Apr--17	Axa Perwich	Corner of Monticello and Va. Beach Blvd.	4			2		2.5	5				
22-Apr-17	S. Bayview CL	South Bayview Area	9			14	6	2	28				
22-Apr-17	Clark Nexsen	Newtown Creek	3			5	1	1.5	7.5				
22-Apr-17	Christ UMC	Bayview Blvd. from Capeview to Bayview Elem	4			3	5	2	6				
22-Apr-17	LWP	Newport Ave.-South of NFWC(7300)	7		42 lbs.	24	1	6	144				
22-Apr-17	Stonebridge Crossing	Light Rail to NRHA Bldg.	11			10	3	4	40				
27-Apr-17	Kaboom	Sewells Point Elementary - Playground	7	15		225	32	5.5	1237.5				
29-Apr-17	NEPMU-2	Gazel St and East 30th St.	6			5		2	10				
29-Apr-17	Ingleside CL	Ingleside School, Rec Center	6			13	6	3	39		10		
29-Apr-17	Bayview CL	Bayview Elementary and surrounding streets	9	2	100	14	3	2	28			2	
6-May-17	Olde Huntersville CL	Streets (10) in the Olde Huntersville Community	12		3	8		3.5	28				
7-May-17	Lafayette Wetlands Partnership	Granby Street/Willow Wood Drive	8		175	9	1	3	27				
13-May-17	Coronado Inglenook	Philpotts Rd. at Tidewater Dr.	5			5	4	2.5	12.5				
20-May-17	St. Andrews Place Homes Assoc.	St. Andrews Place Homes	20			19	10	3	57				
20-May-17	Alpha Kappa Alpha L.Lowery	Lafayette Park	4			19	11	1.5	28.5				3
20-May-17	Azalea Acres/CL	Neighborhood Park	17		180	10		1.5	15				
24-May-17	CSADD-Mid-Atlantic Regional Maintenance Center	Sarah Constant Park	2	0	0	9	0	3	27				
									0				
Totals	52		883	38	5538	1083	334	133	3799	1	28	23	9
Total Pounds of Litter	14245												
Total Pounds of Recycling	115												
Total Volunteers	1417												

Keep America Beautiful

*When reporting, this falls under Great American Cleanup
Volunteers: actively involved in an event
Attendees: part of a presentation/workshop which informs or educates
Audience: in attendance - receive educatinal materials at a festival/booth
Participants: actively contributed to an event or

Beautification Events - included in GAC #'s							
Location	# events	# of public spaces cleaned/improved	# New/maintained garden/greenspace	# of trees planted	# plants, shrubs, flowers, and bulbs planted	#buildings renovated/painted	# of Volunteers
East Ocean View	1	1	0	0	0	0	20
Riverpoint Playground	1	1	0	0	2000	0	23
Ernie Morgan Center Eco Garden	1	1	1	0	15	0	2
Lafayette Zoo-Booth	1	1	0	200	0	0	26
Riverpoint Playground	1	1	1	0	1020	0	25
Newport Avenue Wetlands	1					0	
Ernie Morgan Center Eco Garden and Liberty Garden	1		2		0	0	19
Knitting Mill Creek Walkway	1		1		250	0	34
Norfolk Fitness & Wellness Center	1		1			0	7
Cromwell Farms/Midfield Wetlands Walk	1	1	1	5	57	0	25
Riverpoint Playground	1	1	1	10	10	0	27
Ernie Morgan Center-Love Project	1	1	1	0		0	12
Larchmont Elementary School	1				41	0	3
	13	**8**	**9**	**215**	**3393**	**0**	**223**
Outside of GAC							
Knitting Mill Creek	1		1		1000		27
Tarralton Park	1		1	6			4
Eco Garden Cleanup-EMC	1		1				23
Lakewood Rowing Center	1		1		630		17
LaValetter Ramp & Eco Garden	1		1	52	280		15
Bayview Elementary School - Retain Your Rain	1		1		700		30
Ernie Morgan Center - National Planting Day	1		1		15		14
Linwood CMP Event - Pruning Project	1		3				31
Lafayette Wetlands Project	1		1				10
Lafayette Park	1		1				20
Total	10		12	58	2625	0	191
		These numbers should be the same					

Keep America Beautiful

*When reporting, this falls under Great American Cleanup

Volunteers: actively involved in an event

Attendees: part of a presentation/workshop which informs or educates

Audience: in attendance - receive educatinal materials at a festival/booth

Participants: actively contributed to an event or

***Includes: ALL Trainings, Volunteer Workdays.**

Other Volunteer Events

Event Name	# events	# of Volunteers	# of Participants	Length of Event
EARNN Training	4.00	30.00		1.00
Adopt-A-Spot Training	12.00	70.00		0.50
Adopt-A-Spot Training	1.00	13.00		1.00
CTBD Training	3.00	35.00		1.00
Great American Cleanup Training	2.00	37.00		1.00
Great American Cleanup Training	4.00	1.00		0.75
GAC workday/CTBD Bags	1.00	6.00		2.00
GAC workday/GAC Bags	1.00	7.00		1.00
Litter Index Training -EMC	2.00	8.00		0.50

KNB REPORT TO DEQ

PUBLIC COMMUNICATIONS	#	# of attendees	# of volunteers	Total Volutneer Hours
Public Presentations/Workshops	30	207	0	
Staffed Display/Events	21	2056	7	
Unstaffed Display/Events	0	0	0	
Total	**51**	**2263**	**7**	**23**

YOUTH EDUCATION ONLY	#	# of attendees	# of volunteers	Total voluneer Hours
Public Presentations/Workshops	14	1284	24	
Leader Training	0	0	0	
Environmental Clubs	0	0	0	
Environmental Camps/Other events	5	159	0	
Total	**19**	**1443**	**24**	**24**

LITTER CLEANUPS AND RECYCLING	# of events	# of volunteers	# of pounds of litter	# of cubic yards	Total In Kind Services	Total Volunteer Hours
Adopt A Spot	568	4441	55853	279	$ 7,739.17	9123
America Recycles Day	1	24	2113	11	$ 650.00	88
Community Cleanups	15	297	4892	24	$ 47.28	1703
Clean the Bay Day	40	1008	17387	87	$ 74.64	3024
Great American Cleanup	52	1417	14245	71	$ 2,868.24	3799
International Coastal Cleanup	17	152	3881	19	$ 465.12	456
Norfolk Recycles Day	1	29	21902	110	$ 650.00	97
SERP	10	28	65	0	$ 0.00	31
Total	**704**	**7396**	**120337**	**602**	**$ 12,494.45**	**18321**

*Eight gallon bags = 1 cubic yard of litter
*200 pounds = 1 cubic yard of litter
*1 ton = 10 cubic yards of litter

Together We Do Beautiful Things!

FY 17 focused on litter removal and achieved a 28% increase in pounds collected from the previous year! Volunteer time for FY17 was valued at $578,263 and with a 16% increase in number of volunteers over FY16, we understand the need and appreciate the efforts given by our committed volunteers. The KNB team reached over 1,400 students by presenting at 19 schools, hosted 30 events at the Ernie Morgan Center and attended 21 community outreach events in FY 17.

Looking forward to FY 18, KNB will continue to encourage residents to participate in the Adopt-A-Spot program, youth outreach programs as well as community clean-ups, recycling events and planting days, while inspiring Norfolk's residents to be resilient and show pride by keeping Norfolk beautiful.

Keep Norfolk Beautiful introduces a new logo. Symbolizing our deep community roots and our growing branches, we are proud of the brand identity this meaningful logo brings to the City of Norfolk.

Our slogan of "I Keep Norfolk Beautiful" remains embedded in the work we do every day to make Norfolk a place where people want to live, work, and play!

Keep Norfolk Beautiful
KEEP AMERICA BEAUTIFUL AFFILIATE

THE CITY OF NORFOLK







Keep Norfolk Beautiful

FY17 Annual Report

Leading Citizens Toward Environmental Stewardship

A YEAR IN NUMBERS

7,901 Volunteers



21,495 Volunteer Hours

16% Increase From FY16

Value Added To the City **$578,263.62**

Community Outreach Events **70**

Events in FY17 **900**

Youth Engaged **1,443**

2 City-Wide Recycling Collection Events

57% Average Residential Recycling Set-Out Rate

- **65** Great American Clean-Up Events
- **17** International Coastal Clean-Ups
- **40** Clean The Bay Day Sites
- **30** Adopted Pet Waste Stations

139,232.50 Pounds of Litter Collected

28% Increase From FY16

10 Beautification Events with 191 Volunteers

During FY17, Keep Norfolk Beautiful (KNB) lead Norfolk's citizens toward environmental stewardship through education outreach, interactive programs and community service. Through collaboration with City departments, local non-profits and countless other organizations, KNB is proud of the positive impact its volunteer-run programs have on our community. This bureau's robust programming aims to reduce and prevent litter, encourage recycling and waste reduction and beautify our City by planting native trees, shrubs, flowers and bushes.

Communication Outline
Public Works Operations, Stormwater

MISSION: To improve water quality and reduce flooding city-wide

GOAL: To engage and reach every resident within the City to promote positive behaviors and actions that improve water quality and flooding. This will be achieved through educational programming, interactive outreach and teamwork.

IMPLEMENTATION PROCESS: Seasonal campaigns with a focused messaging approach will be put into place for spring 2014. Each seasonal campaign will touch on a different TMDL message and be designed with multiple sensory appeal. In addition, stormwater will continue to coordinate with any Hampton Roads Planning District Commission campaigns through the HR Green initiative. Stormwater will continue to work with all City groups to combine Norfolk's environmental messages to provide a cohesive public outreach effort.

SUMMER 2016:

DON'T BLOW IT: Anything blown into the curb line has the potential to end up in our storm drains. This matter causes blockages and impact water quality due to the pollutants that it carries. Residents are asked to properly dispose of this waste and to keep their curl line clear.
Focus will be on grass clippings
Media sources: Community meetings/events, brochures, website, Festivals, Bay Star Homes, Social Media Postings, Sweeper Wraps

HURRICANE PREP/EOC/FLOODING: Flood Awareness plays an active role in Norfolk's Well Managed Government initiatives. Making room for and living with water are essential to Norfolk's future. It is important to know what to expect and work towards proactive solutions that will ensure our long-term success. Outreach will include messages about what to do in preparation, what to do during an actual event, along with reminders not to drive through water.
Media sources: Community meetings/events, website, Bay Star Homes, HRUBS insert

KEEP IT CLEAN-PUMP…DON'T DUMP: Boaters should use pump-out stations at local marinas instead of dumping waste over board. Though permitted by law, treated waste is still high in pollutants, and the treatment process does not reduce bacteria to a level that is safe for shellfish consumption.
Media sources: Community meetings/events, brochures, Festivals, Bay Star Homes, Boater Forums, Summer HRSD Pump-out programs

BAY STAR HOMES: This program is homeowner based and asks residents to make small behavioral changes to their lifestyle and homes in order to decrease their impact on the environment while improving water quality. Bay Stars is city-wide and regional
Media Sources: Community meetings, Mailings to specific neighborhoods, Festivals, Websites, EARNN

SCOOP THE POOP: Pick up your pet waste, even in dog parks. Pet waste increases bacteria and nutrient levels in waterways, leading to algae blooms, fish kills, fishing bans and beach closures.
Media Sources: Bags-on-board holders, Tipcards, Summer camps, Festivals, Bay Star Homes, Pet waste station grants, Community meetings, Providing scoop the poop giveaways to the SPCA and Animal Cares Center

HOUSEHOLD HAZARDOUS WASTE/ELECTRONICS RECYCLING: Disposing of hazardous material inappropriately does affect water quality. Norfolk encourages residents to take these materials to HHW collection centers versus disposing of this with your regular trash or via a storm drain.
Media sources: HRUBS insert, Community meetings/events, Bay Star Homes, website

RETAIN YOUR RAIN: Resiliency focused outreach and workshops designed to encourage Norfolk's residents to take actions on their property to reduce flooding. This is being coordinated through the City Manager's Resiliency Office.
Media Sources: Community meetings/events, social media posts, website, print material-Decision Tree, Green Infrastructure video, Retain Your Rain App

FALL 2016:

TEST, DON'T GUESS ABOUT FERTILIZING: Homeowners and commercial property owners should only fertilize if needed and with quantities that are required. Coated and water-soluble slow-release fertilizers help roots develop and wash away less easily. Do not apply slow or time-released nitrogen at a rate above one pound per 1,000 square feet. Apply only what is needed.
Secondary Messaging: Soil Testing
Media Sources: Bay Star Homes, brochure, website, community meetings, festivals, sweeper wraps

DON'T BLOW IT: Anything blown into the curb line has the potential to end up in our storm drains. This matter causes blockages and impact water quality due to the pollutants that it carries. Residents are asked to properly dispose of this waste and to keep their curl line clear.
FOCUS WILL BE ON LEAVES
Media sources: Community meetings/events, brochures, website, Bay Star Homes, sweeper wraps, HRUBS insert

STREET SWEEPING PROGRAM: The Street Sweeping equipment used by the City is meant to collect small debris and litter that decrease water quality. It is the responsibility of citizens and property owners to collect their yard waste and properly dispose of it – the City's Street Sweeping program is not liable for large debris pile pickups.
Fall Message: Leaves in storm drains and residents responsibility, Proper yard waste disposal
Media sources: Community meetings, brochures, website, Bay Star Homes, spotlights/news articles, social media postings, sweeper wraps

STORM DRAIN AWARENESS- ONLY RAIN DOWN THE STORM DRAIN: This slogan encompasses the stormwater message. Anything other than clean rainwater that enters the storm drain is a pollutant as well as a violation of a State-issued, EPA mandated permit. Pollutants that enter storm drains flow directly to our water bodies causing water quality problems.
Media sources: Compass ads, community meetings/events, brochures, website, in-school field trip

programming, City ordinance/codes, Storm Drain Medallion Marking Grants, EARNN Program, HRUBS inserts, Festivals

BAY STAR HOMES: This program is homeowner based and asks residents to make small behavioral changes to their lifestyle and homes in order to decrease their impact on the environment while improving water quality. Bay Stars is city-wide and regional
Media Sources: Community meetings, Mailings to specific neighborhoods, Festivals, Websites, EARNN, HRUBS insert

HOUSEHOLD HAZARDOUS WASTE/ELECTRONICS RECYCLING: Disposing of hazardous material inappropriately does affect water quality. Norfolk encourages residents to take these materials to HHW collection centers versus disposing of this with your regular trash or via a storm drain.
Media sources: HRUBS insert, Community meetings/events, Bay Star Homes, In-school field trips, website, America Recycles Day

RETAIN YOUR RAIN: Resiliency focused outreach and workshops designed to encourage Norfolk's residents to take actions on their property to reduce flooding. This is being coordinated through the City Manager's Resiliency Office.
Media Sources: Community meetings/events, social media posts, website, print material-Decision Tree, Green Infrastructure video, Retain Your Rain App

Winter 2017:

Don't Feed Wild Ducks and Geese – Feeding wildlife discourages natural migration patterns and increases nutrient and bacteria pollution due to their waste.
Media sources: Community meetings, brochures, website, Bay Star Homes programming

STREET SWEEPING PROGRAM: The Street Sweeping equipment used by the City is meant to collect small debris and litter that decrease water quality. It is the responsibility of citizens and property owners to collect their yard waste and properly dispose of it – the City's Street Sweeping program is not liable for large debris pile pickups.
Winter Message: Holiday Schedules, Leaves/debris in curb line reminder
Media sources: Community meetings, brochures, website, Bay Star Homes, Sweeper wraps, spotlights/news articles, Social Media Postings

Optional-As Needed Winter Storm Awareness/Snow and Ice – Winter storm awareness is important to everyone. As needed, we will actively remind residents of their responsibility to clear their sidewalks and the protocol for Public Works snow removal. This will include the message of not following the plows too closely and to give us room to prep/clear the roadways.
Media sources: Community meetings, press releases, Facebook reminders

BAY STAR HOMES: This program is homeowner based and asks residents to make small behavioral changes to their lifestyle and homes in order to decrease their impact on the environment while improving water quality. Bay Stars is city-wide and regional
Media Sources: Community meetings, mailings to specific neighborhoods, festivals, Websites, EARNN

RETAIN YOUR RAIN: Resiliency focused outreach and workshops designed to encourage Norfolk's residents to take actions on their property to reduce flooding. This is being coordinated through the City Manager's Resiliency Office.
Media Sources: Community meetings/events, social media posts, website, print material-Decision Tree, Green Infrastructure video, Retain Your Rain App

SPRING 2017:

TEST, DON'T GUESS ABOUT FERTILIZING: Homeowners and commercial property owners should only fertilize if needed and with quantities that are required. Coated and water-soluble slow-release fertilizers help roots develop and wash away less easily. Do not apply slow or time-released nitrogen at a rate above one pound per 1,000 square feet. Apply only what is needed.
Secondary Messaging: Soil Testing, Plant More Plants
NEW OUTREACH MESSAGE FOR PERMIT: Golf Courses and fertilizer/lawn maintenance. Regional flyers to be developed in FY17 to address a new section in our SW permit.
Media Sources: HRUBS inserts, Bay Star Homes, EcoFest/RiverFest, brochure, website, community meetings, HRPDC spring stormwater campaign, Coastal Virginia Living Guide.

SCOOP THE POOP: Pick up your pet waste, even in dog parks. Pet waste increases bacteria and nutrient levels in waterways, leading to algae blooms, fish kills, fishing bans and beach closures.
Media Sources: Bags-on-board holders, Tipcards, In-school field trips, festivals, Bay Star Homes, Pet waste station grants, Community meetings, In-school field trips, Providing scoop the poop giveaways to the SPCA and Animal Cares Center

BAY STAR HOMES: This program is homeowner based and asks residents to make small behavioral changes to their lifestyle and homes in order to decrease their impact on the environment while improving water quality. Bay Stars is city-wide and regional
NEW Outreach FY17: Bay Star Businesses: Promote practices that will help with TMDL. Use with Industrial Permit. In development: launch in spring 2017
Media Sources: Community meetings, Mailings to specific neighborhoods, Festivals, Website, EARNN

DON'T BLOW IT: Anything blown into the curb line has the potential to end up in our storm drains. This matter causes blockages and impact water quality due to the pollutants that it carries. Residents are asked to properly dispose of this waste and to keep their curl line clear.
Media sources: Community meetings/events, brochures, website, Festivals, Bay Star Homes, workshops, spotlights/news articles, City ordinance/code, In-school field trips
This message will focus on grass clipping for late spring and into summer

Know Where Your Car Wash Runoff Goes – Though commercial and mobile car washes are required to have permits in order to discharge soapy liquids, residents are not. We encourage residents to utilize car wash facilities or wash their vehicle on their lawn in order to minimize soapy runoff.
Media sources: Community meetings/events, Tipcard, In-school field trips, City ordinance/codes, Commercial/mobile car wash permit/license

	FY17											
Campaign	July	August	September	October	November	Dcember	January	February	March	April	May	June
Test, Don't Guess: Fertilizer												
Soil Testing												
Plant More Plants												
Scoop the Poop												
Storm Drains: Grass Clippings												
Storm Drains: Leaves												
Keep It Clean: Pump-Don't Dump												
Bay Star Homes												
Car Washing: Know Where it Goes												
Household Hazardous Waste												
Emergency/Hurricane Prep/Flood												
Street Sweeping												
Don't Feed the Wildlife												
Only Rain Down the Drain												
Tree Planting												
Fill Permits												
Industrial Permits												
Nutrient Management Plans												
Rain Barrels												
Retain Your Rain												

askHRgreen.org Annual Report for Fiscal Year 2017

HAMPTON ROADS PDC PLANNING DISTRICT COMMISSION

PEP17-03

HAMPTON ROADS PLANNING DISTRICT COMMISSION
ROBERT A. CRUM JR
EXECUTIVE DIRECTOR

CHESAPEAKE
JAMES E. BAKER
LONNIE CRAIG
DEBBIE RITTER
ELLA P. WARD
ROBERT GEIS

FRANKLIN
BARRY CHEATHAM
R. RANDY MARTIN

GLOUCESTER COUNTY
PHILLIP BAZZANI
BRENT FEDORS

HAMPTON
MARY BUNTING
JAMES GRAY
DONNIE TUCK

ISLE OF WIGHT COUNTY
REX ALPHIN
RANDY KEATON

JAMES CITY COUNTY
BRYAN J. HILL
MICHAEL J. HIPPLE

NEWPORT NEWS
MCKINLEY L. PRICE
SHARON P. SCOTT
CYNTHIA ROHLF

NORFOLK
KENNETH C. ALEXANDER
MAMIE B. JOHNSON
ANDRIA P. MCCLELLAN
THOMAS R. SMIGIEL
DOUGLAS SMITH

POQUOSON
DAVID A. HUX
J. RANDALL WHEELER

PORTSMOUTH
LYDIA PETTIS PATTON
JOHN ROWE

SMITHFIELD
PETER STEPHENSON
T. CARTER WILLIAMS

SOUTHAMPTON COUNTY
MICHAEL W. JOHNSON
BARRY PORTER

SUFFOLK
LINDA T. JOHNSON
PATRICK ROBERTS

SURRY COUNTY
TYRONE W. FRANKLIN
JOHN M. SEWARD

VIRGINIA BEACH
WILLIAM SESSOMS
ROBERT M. DYER
DAVID L. HANSEN
BARBARA M. HENLEY
LOUIS R. JONES
JOHN MOSS
JOHN E. UHRIN

WILLIAMSBURG
MARVIN C. COLLINS
PAUL FREILING

YORK COUNTY
NEIL MORGAN
THOMAS G. SHEPPERD JR.

Report Documentation

TITLE:
askHRgreen.org Annual Report for Fiscal Year 2016-2017

REPORT DATE
September 2017

GRANT/SPONSORING AGENCY
Local Funds

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www.hrpdcva.gov

ABSTRACT
This report provides a summary of the sixth year of the askHRgreen.org public outreach and education initiative. The report contains five major sections. The first section provides background about askHRgreen.org and an overview of overall campaign results for fiscal year 2016-2017. The second through fifth sections provide an overview of the individual initiatives and results from each of the four askHRgreen.org subcommittees: Recycling & Beautification, Stormwater Education, Water Awareness, and Fats, Oils & Grease Education.

ACKNOWLEDGEMENTS
This report was prepared by the Hampton Roads Planning District Commission (HRPDC) staff in cooperation with the member localities. Preparation of this report was included in the HRPDC Unified Planning Work Program for Fiscal Year 2016-2017, approved by the Commission on May 18, 2017.

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Fiscal Year 2016-2017 At a Glance

About askHRgreen.org...

askHRgreen.org was developed to help Hampton Roads residents find their inner green with just the click of a mouse. For years, the HRPDC facilitated a variety of environmental education efforts to assist localities in notifying residents and meeting regulatory requirements. Developing consistent regional messaging affords localities an economy of scale that they could not otherwise achieve. Coupled with various emerging issues beginning to overlap, like sanitary sewer overflows and stormwater pollution, we knew it was time to develop an umbrella brand to tie all of the messages together. askHRgreen.org began with offering just the green basics, but people craved more information. Once you show someone an easy, green alternative, they get hooked and want to add something else. Now we make the connections for people by illustrating not just what they can do, but why they should care and how their actions impact the larger environment. askHRgreen.org is powered by the 17 localities of Hampton Roads, HRSD, and the Hampton Roads Planning District Commission.

You can "like" askHRgreen.org on Facebook at Facebook.com/askHRgreen, tweet and retweet at Twitter.com/HRgreen, "tune in" at YouTube.com/HRgreenVA, follow on Instagram at Instagram.com/askHRgreen and read and comment on the blog, askHRgreen.org/blog.

2016-2017 Campaign Schedule and Results

Nine environmentally-themed media campaigns and a Search Engine Marketing campaign ran for a combined total of 52 weeks of exposure in FY17. There were also regularly scheduled newsletters, blog posts, social media postings and ongoing public relations strategy and support, including a partnership with Coastal Virginia Magazine and the "Write as Rain" outdoor campaign.



2017 BY THE NUMBERS

58,113 visitors to askHRgreen.org

16.9 million opportunities
to see or hear askHRgreen.org in the media

5,106 students impacted
by environmental education grants

1,987
Facebook

1,742
Twitter

7,268
eNewsletter Subscribers

2,409 households enrolled
in the regional Bay Star Homes program

27 neighborhoods impacted
by the installation of pet waste stations

Fiscal Year 2016-2017 Results

Campaign	Media	jul	aug	sep	oct	nov	dec	jan	feb	mar	apr	may	jun
Leaves/Pet Waste	R-O-S												
Holiday FOG Down the Drain	R-O-S												
What Not to Flush	T-O-S												
FOG Down the Drain	T-O-S												
Fix a Leak Week	T-O-S												
Recycle More, Trash Less	O-S												
Lawncare/Work Smarter	R-O-S												
Write as Rain	P-O-T-S												
Value of Water	T-O-S												
Infrastructure	T-O-S												
Coastal Virginia Magazine	P-O												
askHRgreen.org E-Newsletters													
Public Relations													
Search Engine Marketing													
askHRgreen.org Blog Articles													

Media Key: T = Television R = Radio P = Print O = Online S = Social Media

Total Advertising Weeks	
Impressions	
Television	11.3 million
Radio	1.96 million
Online (media website display, native content, targeted display, video pre-roll)	1.05 million
Search Engine Marketing (SEM)	107,920
Facebook	865,210
Public Relations	1.13 million
Added Value	406,393
Budget	
Media	$126,137
Public Relations	$17,711
Mobile Responsive Website Redesign & Development Project	$37,556
Creative & Web Hosting/Maintenance	$24,299
Consulting & Management	$5,064
Value	
Media Added Value	$41,858
Public Relations Value	$171,711
Totals	
Impressions	16.95 million
Total Campaign Budget	$210,767
Campaign/Exposure Value	$426,107
Cost per Thousand Impressions	$13.09
Return on Investment	1.92 : 1

Website Analytics

askHRgreen.org Website Visitation Statistics

	2011-12	2012-13	2013-14	2014-15	2015-16	**2016-17**
Visits	27,424	32,697	55,505	58,279	52,530	**58,113**
Unique Visitors	19,920	25,092	43,547	46,994	42,539	**48,468**
Pageviews	67,047	72,270	116,818	103,228	93,177	**92,681**
Pages per Visit	2.42	2.21	2.10	1.77	1.77	**1.66**
Average Visit Duration	2:19	2:10	1:48	1:26	1:32	**1:17**
Bounce Rate	61.24%	61.27%	64.37%	74.80%	74.92%	**78.23%**
% New Visits	70.78%	75.50%	77.74%	79.87%	80.44%	**80.27%**

Top 10 Website Traffic Sources

	#	%
Google (organic)	21,527	37.0%
WTKR (display)	10,758	18.5%
Direct	8,710	15.0%
Google cpc (SEM)	3,887	6.7%
m.facebook.com (referral)	2,956	5.1%
Bing (organic)	1,495	2.6%
facebook.com (referral)	932	1.6%
hrfog.com/referral	831	1.4%
WTKR (targeting)	755	1.3%
Yahoo (organic)	754	1.3%

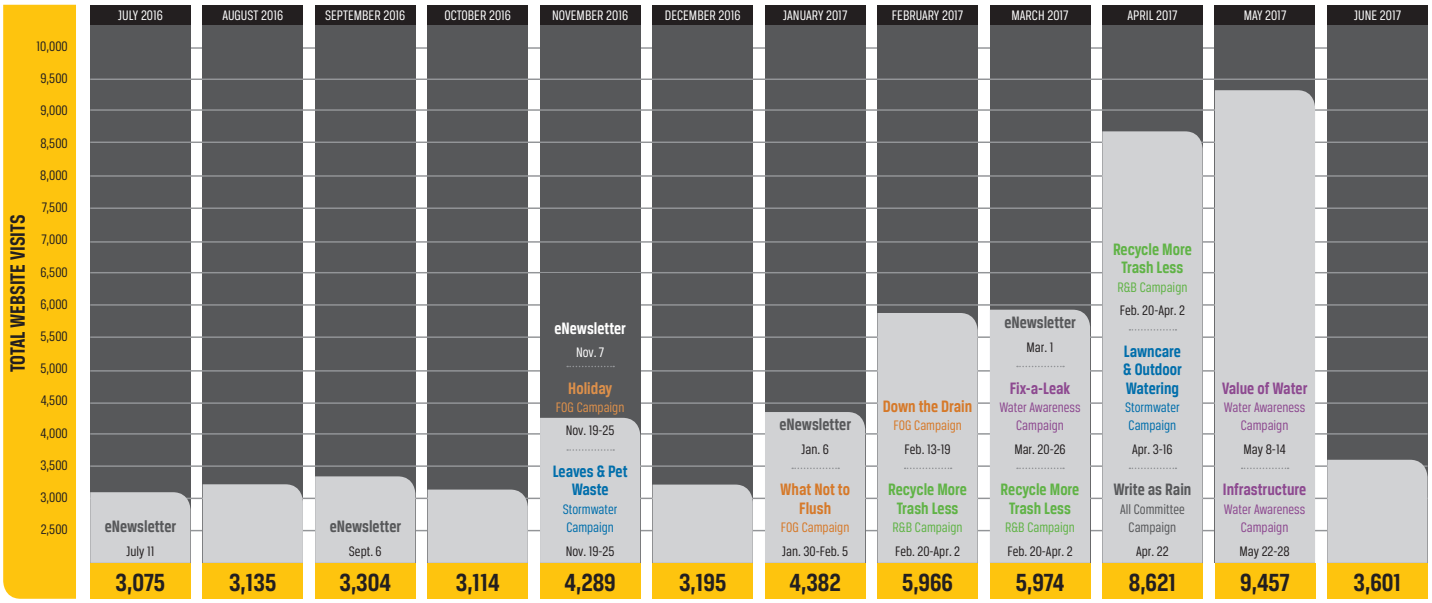
askHRgreen.org Website Visitors by Locality*

	Number	% of Total Visitation
Virginia Beach	13,033	19.5%
Norfolk	4,348	9.2%
Chesapeake	3,904	7.7%
Newport News	3,398	6.1%
Hampton	2,200	4.1%
Suffolk	1,537	2.9%
James City County/ Williamsburg	1,274	2.1%
Portsmouth	1,094	2.0%
Poquoson	439	0.6%
Smithfield	301	0.5%
Gloucester	155	0.3%
Yorktown	36	0.2%
Other	26,394	44.7%

*Locality determined by the geolocation of a user's IP address and may not reflect the actual boundaries of a locality. IP-based locations are approximate.

MONTHLY PROMOTIONS & WEBSITE VISITATION

AS OF JUNE 30, 2017



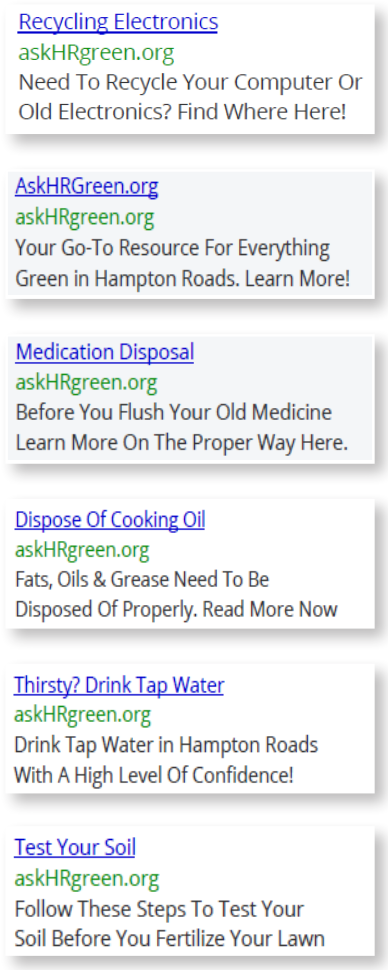
SEARCH ENGINE MARKETING July 1, 2016 - June 30, 2017

Online Search

In FY17, askHRgreen.org continued Search Engine Optimization (SEO) tactics and Search Engine Marketing (SEM) campaigns to increase traffic to and improve the website.

SEO improves the askHRgreen.org website's organic (unpaid) search rankings. Optimization tactics included editing/adding keyword-rich content to the site, identifying and eliminating any barriers to search engine indexers, and promoting the site to increase the number of inbound links from other sources.

The askHRgreen.org SEM program utilizes Google AdWords and Bing Ads pay-per-click advertising to increase traffic to the askHRgreen.org website. By bidding on select keywords and phrases, search ads direct search traffic to relevant content on the askHRgreen.org site. In total, the active SEM campaigns garnered 107,920 impressions and 4,226 clicks to the askHRgreen.org website in FY17. To view the full SEM report for FY17, please see Appendix A.



Organic Search Results

	2012-13	2013-14	2014-15	2015-16	**2016-17**
Clicks	8,513	14,842	20,637	21,274	**23,858**

SEM Campaigns

Google & Bing Ad Campaigns	Impressions	Clicks	CTR	Avg. CPC	Avg. Ad Position
Recycling & Beautification	38,336	1,621	4.23%	$3.13	1.38
Stormwater	22,432	1,168	5.21%	$2.70	1.34
askHRgreen.org	12,839	784	6.11%	$1.77	1.11
Water Awareness	33,299	625	1.88%	$4.06	2.09
FOG	1,014	28	2.76%	$2.58	2.04
Total	**107,920**	**4,226**	**3.92%**	**$2.89**	**1.56**

Coastal Virginia Magazine Partnership

For a second year, askHRgreen.org partnered with Coastal Virginia (CoVA) Magazine to develop articles and infographics specific to the campaign's messaging – and of interest to the magazine's readers. askHRgreen.org team leaders and committee members worked closely with the CoVA staff to select article topics, provide sources for the writers, and review the finished copy. The special askHRgreen.org editorial features appeared in each edition of Coastal Virginia Magazine from April 2016 to February 2017 and covered a variety of topics including green gardening practices, drinking water awareness, smart water use, Bay Star Homes, the askHRgreen.org mini grant program, recycling beyond the bin, green art, sustainable food and engaging infographics and puzzlers. Once all the content had been featured in the main magazine, it was compiled into Green Magazine and printed as a unique public outreach tool.



Social Media

Social media continues to be a key strategy for reaching the public. Facebook, Twitter, Instagram and YouTube were all used to promote askHRgreen.org messages in FY17. Social media was also used to promote various locality events, respond to citizen inquiries, share blog articles, and promote important programs and initiatives like the Bay Star Homes workshops, America Recycles Day, the Great American Cleanup, Imagine a Day Without Water and the Write as Rain campaign. Instagram was a new addition for askHRgreen.org in FY17. The Write as Rain campaign proved to be the perfect project to use for the launch of an Instagram account since the sidewalk messages provided visually interesting pictures to share with followers. Through the "Let's Talk Green" blog, which is written by askHRgreen.org team members and guest bloggers, 57 green living articles were published throughout the year covering topics ranging from cloth diapers to the environmental impact of bottled water.

e-Newsletter

The askHRgreen.org e-newsletter is shared via email to media contacts and an ever-growing list of citizens whose email addresses have been collected at events and through online promotions. In FY17, a total of five e-newsletters covering seasonal "green" tips, events, and askHRgreen.org campaign updates were sent out. By the end of FY17, the askHRgreen.org subscriber list reached more than 7,200 subscribers and continues to grow.

askHRgreen.org E-Newsletter Statistics	
Subscribers	7,268
Total Emails Sent	35,808
Total Opens	5,200
Open Rate	17.1%
Total Clicks	556
CTR (Click Through Rate)	1.6%



Online Toolkit

The askHRgreen.org Online Media Toolkit continues to be especially useful to committee members, civic leagues, community groups, homeowners associations, schools, clubs, businesses—and any organization or individual with an interest in improving neighborhoods and communities. Ideal for both online and print reproduction, the toolkit items are professionally designed and carry the signature askHRgreen.org graphic look. The materials are organized so it is easy for users to browse and select the topic they seek in the medium of their choice. In addition to logos, ads, rack cards, brochures, tip cards, and posters, there are feature articles, publications, infographics, radio ads, videos, and stickers available.



Events

Each year, askHRgreen.org participates in numerous regional events as part of the campaign's education and outreach efforts. These events take place throughout the year and range from small workplace eco fairs to large countywide festivals and almost everything in between. Committee members volunteer to staff either the askHRgreen.org mobile education trailer or a table display at these events and hand out educational materials and promotional items to those in attendance. In FY17, team members represented askHRgreen.org at 29 community events with an estimated attendance of over 90,000 people.



2016-2017 Regional Events			Estimated Attendance
9/10	Newport News Go Green Expo	Newport News	Unavailable
9/15-9/18	Isle of Wight County Fair	IOW	38,000
9/24	VBMG Fall Gardening Festival	Virginia Beach	1,200
10/7-10/9	Peanut Festival	Suffolk	20,000
10/19	Energy & Water Expo	NASA Langley Research Center	500
10/20	CNU Farmer's Market	Newport News	Unavailable
10/22	HRSLE	Virginia Beach	800
10/22	3rd Annual Litter & Recycling Expo	James City County	400
2/11-2/12	Hampton Roads Home Show	Hampton	5,000
3/11	Community Association Day	Virginia Beach	Unavailable
3/11-12	Virginia Aquarium Trash Bash	Virginia Beach	5,466
3/25-3/26	Williamsburg Home Show	Williamsburg	4,000
4/2	Wings & Things Spring Fling @ Hoffler Creek Wildlife Preserve	Portsmouth	350
4/4	ODU Public Health Fair	Norfolk	200
4/18	Anthem Eco Fair	Norfolk	Unavailable
4/19	Anthem Eco Fair	Virginia Beach	Unavailable
4/20	TCC Cares	Chesapeake	40
4/22	Virginia Living Museum Earth Day Event	Newport News	940
4/22	9th Annual Community Empowerment Fair	Newport News	470
4/28	JBB Elementary School Spring Event	James City County	100
5/6	Norfolk Utilities Employee Appreciation Event	Norfolk	115
5/10	VBPU Public Service Week & DWW Celebration	Virginia Beach	335
5/18	VB Public Works Employee Event	Virginia Beach	685
5/25	Sensible Seafood Festival	Virginia Beach	500
6/6	CMA-CGM Fair	Norfolk	600
6/8	NASA Langley Safety & Health Expo	Hampton	400
6/17	MOCA Family Fest Day	Virginia Beach	Unavailable
6/24	Olden Days	Smithfield	10,000
6/24	Noland Trail Celebration	Newport News	500

Grant Programs

Environmental Education Mini Grants

The askHRgreen.org Environmental Education Mini Grant Program provides grants of up to $500.00 for environmentally-themed projects. All Hampton Roads school teachers (K-12), youth leaders or organizations working with youth are eligible to apply. Eligible projects must relate to one or more of the askHRgreen.org program focal areas. In FY17, a total of $6,335.00 was awarded through 13 mini grants reaching more than 5,000 students in 10 localities across Hampton Roads.

Pet Waste Station Grants

Since 2013, the askHRgreen.org Pet Waste Station Grant Program has given citizens the opportunity to receive a free pet waste station to install and maintain in their neighborhoods. The program is geared toward neighborhood associations, community groups, and property managers who are managing communities with a pet waste problem. The pet waste stations come ready to install and include a post, sign, bag dispenser, waste can, hardware, 400 dog waste bags, and 50 can liners. The property manager or community group is responsible for installing the station, emptying the trash regularly, and replacing the bags as needed. The neighborhood is also tasked with promoting to residents the purpose of the stations and the impact pet waste has on local water quality. Since the launch of the program, 258 pet waste stations have been installed across the region. Of those, 27 were awarded and installed during FY17.



Fiscal Year 2016-2017 Results

2016-2017 Environmental Education Mini Grants

Project	# Students	School/Organization	City/County	Grant $
Art in the Park	25	Western Branch Middle School	Chesapeake	$ 500.00
Students refurbished four park benches and completed murals on each of them as a beautification project.				
Cradock Community Care Project	120	Cradock Middle School	Portsmouth	$ 500.00
Cradock students identified areas with litter and participated in a community clean-up project.				
KinderGarden	100	Strawbridge Elementary School	Virginia Beach	$ 500.00
This project established a community garden on school grounds with a sensory path and various learning stations. Students sponge painted pavers with letters and numbers; planted and cared for native plants; and observed plant growth.				
Lafayette High School Beautification Project	1000	Lafayette High School	James City County	$ 500.00
Students, teachers, and parents participated in a beautification project around Lafayette High School to plant native plants, drought-tolerant plants, and repurposed plants, as well as add a recycling can and trash can in the student drop-off area.				
Learning/Vertical Palette Garden*	550*	Newtown Elementary School	Virginia Beach	$ 500.00*
Students used recycled palettes to create gardens with plants of their choice and provided water and maintenance.				
Lower School Children's Learning Garden	128	Walsingham Academy	Williamsburg	$ 500.00
This project engaged older and younger students to create a pollinator garden bed. After, the garden was used to teach students about plant growth and for other class activities such as reading time and journaling.				
Native Habitat – Pollinators, Pathways, and Prevention	650	Spratley Gifted Center	Hampton	$ 500.00
Students planted a successful vegetable garden and provided the school with a salad lunch and pesto. The project also featured native plants, sunflowers, and a pond. The garden is used to teach students about wildlife, as well as during reading time and instruction outside the classroom.				
Reading to Save the Earth	494	Oakland Elementary School	Suffolk	$ 500.00
Grant funds were used to purchase 31 library books related to Earth Day, recycling, and water conservation. The books are available for checkout to students, parents, and teachers.				
Recycling Plastic in the Classroom	500	Ghent School	Norfolk	$ 475.00
This project established a plastic recycling incentives program at Ghent School, which awarded prizes to individual students, classes, and grade levels for those who recycled the most each month. After six months, a total of 748 pounds of plastic were collected.				
Red Mill Community Garden	110	Red Mill Elementary School	Virginia Beach	$ 500.00
Students identified the Community Learning Garden as overgrown and underutilized & took steps to plant and clean in the garden. They also decorated with old bowling balls painted to look like insects. Since, they have used the garden for weekly outdoor lessons, plant growth observations, and searching/hunting around the garden.				
School Learning Garden	425	Booker T. Washington Middle School	Newport News	$ 500.00
This project will establish a learning garden/outdoor classroom for students. The teacher has requested an extension until after school begins in Fall 2017 to complete the project.				
To Our Schoolyard Watershed and Beyond!	400	Gloucester County Public Schools	Gloucester	$ 500.00
4th grade students from each of the five Gloucester County elementary schools visited Beaverdam Park for an outdoor field experience to learn about the Chesapeake Bay Watershed.				
Willoughby's Flower Garden	204	Willoughby Elementary School	Norfolk	$ 500.00
Students planted more than 200 flowers in on school grounds and maintained plants afterwards.				
Wolfgang Goes Green	400	Saint Patrick Catholic School	Norfolk	$ 360.00
This project will fund twelve 30-gallon recycling bins to be placed throughout the school to increase recycling awareness and to educate students about recycling. It is part of a larger initiative to become Project Learning Tree Green School-certified. Project will be completed in Fall 2017.				
	5,106			**$ 6,335.00**

Recycling & Beautification Subcommittee awarded $5,085 • Water Awareness Subcommittee awarded $1,250

*Awarded in FY16, completed in FY17

Public Relations

FY17 was another busy year for askHRgreen.org in the media. A total of seven news releases and media advisories were issued through the program covering seasonal topics, news, events, and promotions which were picked up by a variety of media outlets. We also had several guest columns in various publications and team members participated in a number of informative interviews throughout the year. The total value of this publicity for FY17 was over $170,000.

Media	Date	Media Outlet	Topic	Length	Circ./ Imp	PR Value
P/O	July-August 2016	Coastal Virginia Magazine - Green Scene	Earn a Green Star - Bay Star Homes	1/3 page	35,000	$7,233.00
P/O	July-August 2016	Coastal Virginia Magazine - Green Scene	Energetic About Energy - Reducing energy consumption in Virginia	1/6 page	35,000	$5,043.00
P/O	July-August 2016	Coastal Virginia Magazine - Green Scene	Events and the Environment - Environmentally-friendly events	1/6 page	35,000	$5,043.00
P/O	July-August 2016	Coastal Virginia Magazine - Green Scene	Beyond the Bin - Community resource centers	1/6 page	35,000	$5,043.00
P/O	July-August 2016	Coastal Virginia Magazine - Green Scene	Grants for Plants - askHRgreen.org mini grant program	1/2 page	35,000	$9,963.00
P/O	July-August 2016	Coastal Virginia Magazine - Green Scene	Leaving Their Mark - askHRgreen.org storm drain marker project	2/3 page	35,000	$11,133.00
P/O	September-October 2016	Coastal Virginia Magazine - Green Scene	Eco-Artists at Work	1 + 3/4 pages	35,000	$20,523.00
P/O	Sunday, July 31, 2016	WTVZ-TV Our Issues Hampton Roads	askHRgreen.org interview	30:00 minutes	6,000	$2,250.00
T/O	Sun., September 18, 2016	WTVZ-TV Our Issues Hampton Roads	askHRgreen.org interview	30:00 minutes	6,000	$2,250.00
T/O	Thurs., December 01, 2016	WCTV-TV A Closer Look (aired 8x in Dec)	Green Holiday Tips - interview with Katie Cullipher	8:30 minutes	1,500	$600.00
P/O	Sat., Dec. 17, 2016	The Virginian-Pilot Home Section	A Letter to Santa from the Earth	28.2 col. inches	284,008	$9,948.00
T/O	Mon., Dec. 26, 2016	WTKR-TV	Christmas Tree Recycling and Pickup Schedules	Online page	15,000	$900.00
T/O	Winter 2017 Issue	Distinction Magazine	Online Advice for the Curious, askHRgreen.org	1/8 page	65,000	$2,763.00
T/O	January-February 2017	Coastal Virginia Magazine - Green Scene	Going Locavore	2 pages	35,000	$24,453.00
R	Jan. 3, 2017	Tidewater Comm. WNOR, WAFX, WJOI	New Years Resolutions from askHRgreen.org	30:00 minutes	15,600	$1,425.00
O	Fri., Feb. 17, 2017	Suffolk Sun Facebook Page	Environmental Action Awards	Online page	7,500	$450.00
P/O	Tues., Feb. 28, 2017	Suffolk News-Herald	Suffolk School Wins Recycling Award	21.8 col. inches	30,000	$1,440.00
P/O	Sat., April 22, 2017	Southside Daily	Spring Showers Will Reveal Write as Rain Messages	15.5 col. inches	20,000	$1,200.00
O	Mon., April 24, 2014	Newport News Now Blog	Write as Rain Surfaces this Week on a Sidewalk Near You	Online page	1,500	$135.00
P/O	Tues., April 25, 2017	Suffolk News-Herald	Write as Rain Campaign Launches	16.8 col. inches	30,000	$1,110.00
PO	Tues., April 25, 2017	WTKR-TV The Coast Live	A Rainy Day Messasge to Make Us All Live Greener	4:39 minutes	28,000	$2,100.00
PO	Thurs., April 27, 2017	The Virginian-Pilot	When it Rains, it Pours Messages at Your Feet	92.5 col. inches	284,008	$52,836.00
PO	Tues., May 02, 2017	WAVY-TV The Hampton Roads Show	Write as Rain Secret Messages	4:37 minutes	42,000	$3,000.00
PO	Tues., May 2, 2017	VA AWWA Newsletter	Just Add Water -- Rain Activated Environmental Messages	N/A	5,000	$525.00
P/O	Wed., June 14, 2017	Smithfield Times	Green Messages Appear After Rain	8.25 col. inches	6,345	$210.00
P/O	Thurs., June 29, 2017	City of Chesapeake Website	askHRgreen.org Receives Grants for Regional Projects	Online page	1,500	$135.00
					1,128,961	**$171,711.00**

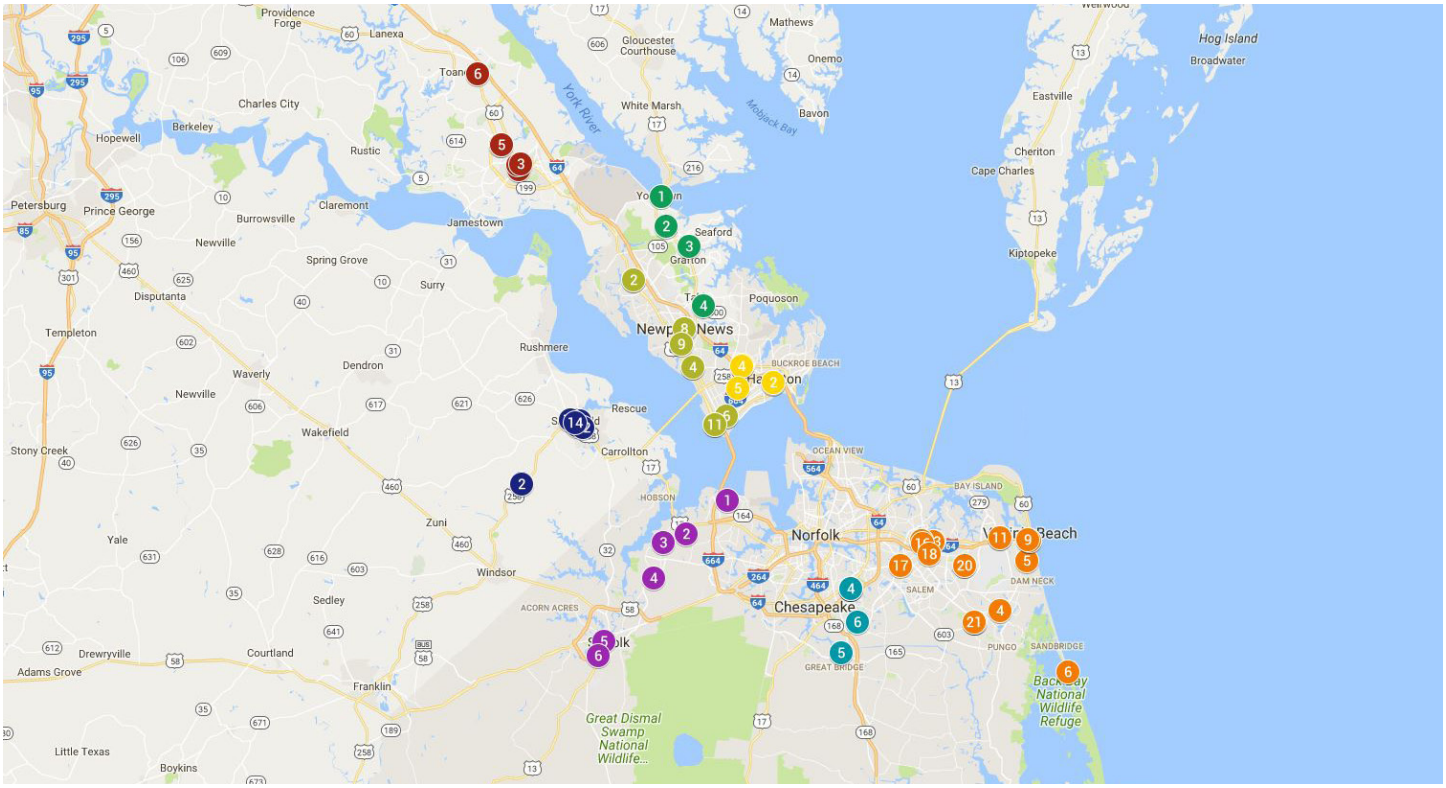
"Write as Rain" Campaign

In April 2017, askHRgreen.org took its message to the streets of Hampton Roads with the "Write as Rain" campaign. The motivational campaign placed hidden good-to-know "green" messages on more than 60 sidewalks, streetscapes and thoroughfares across the region that became visible when wet. The goal of the campaign was to inspire people to think about our local environment in new ways.

The messages carried the hashtag #askhrgreen along with such sayings as: Only Rain Down the Storm Drain; No Wipes in Our Pipes; Your Morning Coffee Starts with Tap Water; and No Such Thing as a Little Litter. A map of participating locations was made available at www.askHRgreen.org/rainyday so residents could easily find the hidden messages throughout the region.

News of this innovative campaign spread across the region through various media outlets with a prominent feature in The Virginian-Pilot, on local news stations (WTKR-TV and WAVY-TV), and in several local newspapers. The "Write as Rain" campaign had a $6,600 budget and a public relations exposure value of over $60,000.

Write as Rain Stencil Locations	
Locality	**Number of Locations**
Chesapeake	6
Gloucester	1
Hampton	5
Isle of Wight County	2
James City County	3
Newport News	11
Smithfield	7
Suffolk	6
Virginia Beach	21
Williamsburg	3
York County	4
	69





Write as Rain Public Relations		
Publications	**Impressions**	**PR Value**
Southside Daily	20,000	$1,200
Newport News Now Blog	1,500	$135
Suffolk News-Herald	30,000	$1,110
WTKR-TV The Coast Live	28,000	$2,100
The Virginian-Pilot	284,008	$52,836
WAVY-TV The Hampton Roads Show	42,000	$3,000
Virginia Section American Waterworks Association Newsletter	5,000	$525
Smithfield Times	6,345	$210
	416,853	**$61,116**

Write as Rain Online	
Facebook (April - September 7, 2017)	
Post Impressions	6,345
Post Clicks	400
Post Actions (Like/Share/Comment)	236
Video Views	2,076
Unique Video Views - 4/21/17 Video	1,220
Unique Video Views - 5/5/17 Video	509
Twitter (April - May 2017)	
Post Impressions	3,386
Post Engagement (Clicks/Retweet/Like)	42
Google Maps (April - September 7, 2017)	
Map Views	3,824
Website (April - September 7, 2017)	
Blog Post Views	536







Environmental Action Awards

In FY17, askHRgreen.org recognized two local schools and educators for their commitment to environmental stewardship and leadership. Ms. Wendy VanHosen, assistant principal at John Yeates Middle School in Suffolk, and Ms. Amber LaMonte, teacher at York High School in Yorktown, each received the Environmental Action Award from askHRgreen.org on Thursday, February 16, at the Hampton Roads Planning District Commission meeting in Chesapeake.

The Environmental Action Award was developed to recognize individuals who inspire youth (K-12) to have a positive impact on the environment by taking action in their schools or communities. The winning projects had previously received funding through the askHRgreen.org mini grant program and were selected as outstanding projects by a panel of askHRgreen.org committee members. John Yeates Middle School and York High School were two of 19 projects funded by askHRgreen.org in FY16 and considered for the award.

John Yeates Middle School was recognized for Ms. VanHosen's leadership of a school-wide recycling program. Not only did the project focus on the importance of recycling and reducing landfill contributions, but also on integrating diverse studies from art to science to social studies. The project itself is a sustainable initiative that will continue to impact students and the environment for years to come.

At York High School, Ms. LaMonte helped the school's green team improve availability and access to tap water and reduce plastic bottle waste by installing a water bottle filling station. The students tracked data on water usage and challenged their peers to reduce waste. Because of their efforts, the school experienced a 75 percent increase in the number of students carrying reusable water bottles.

In addition to the award, each school received a check for $100.00 to be spent to further their project or to launch a new environmental initiative.



York High School Teacher, Ms. Amber LaMonte, accepts the askHRgreen.org Environmental Action Award.



John Yeates Middle School Assistant Principal, Ms. Wendy VanHosen, accepts the askHRgreen.org Environmental Action Award.

Recycling & Beautification Subcommittee

The Recycling and Beautification Subcommittee is a coalition of local government staff members from across Hampton Roads who are working together to share ideas and pool resources for various education programs tailored towards community beautification, litter prevention, and recycling education.

Great American Cleanup

Spring is cleanup season and most localities held multiple events starting in March and wrapped up with a final cleanup push for Clean the Bay Day on Saturday, June 3rd. Keep America Beautiful's Great American Cleanup theme, Clean Your Block, encouraged people to clean up litter and take ownership of their neighborhoods and businesses. The Subcommittee supported regional Great American Cleanup events by featuring event details for each locality prominently on the website along with general promotions on social media, the Let's Talk Green blog and the askHRgreen.org e-newsletter.

America Recycles Day

Each fall the Subcommittee promotes Keep America Beautiful's America Recycles Day, a national celebration on November 15th that promotes the importance of recycling. Locally, nearly every city and county hosted a recycling and/or education event. In addition to the popular paper shredding and electronics recycling services, many localities added the option for residents to bring donations of clothing and housewares. Increasingly, localities offer electronics recycling and other specialty recycling services year-round through permanent collection facilities or events held in different locations each month/quarter, etc. Local America Recycles Day events were promoted by the Subcommittee with a news release and promotion on the website, social media, the Let's Talk Green blog and askHRgreen.org e-newsletter.



Christmas Tree Recycling

In FY17, the Subcommittee encouraged residents to take advantage of Christmas tree recycling programs across the region. Most Hampton Roads localities provide free Christmas tree pickup and disposal for residents. Some localities are able to compost or mulch the trees to reduce landfill contributions. To promote these free municipal programs, a media advisory was issued and collection schedules were featured prominently on the website, social media, the Let's Talk Green blog and the askHRgreen.org e-newsletter.

Cigarette Litter Prevention

Following the 2015-2016 award winning Cigarette Litter Prevention Program (CLPP), several Subcommittee members were interested in implementing the program in new places. This included some localities that had not previously participated in the program. Due to the high cost of procuring ash receptacles, the Subcommittee researched and applied for several grants. In June 2017, the Subcommittee learned that they had been selected as a recipient of a Keep Virginia Beautiful 30-in-30 grant. The Keep Virginia Beautiful 30-in-30 grant awards grants of $500-$1,000 for projects in these four categories: Community Beautification and Greening, Litter Prevention, Recycling, and Cigarette Litter Prevention. Additionally, the Subcommittee learned they had been selected as one of five recipients awarded a bonus grant of $2,000. The Subcommittee is planning to implement the CLPP project regionally during FY18.

Recycling Contamination

In FY17, the Subcommittee continued work on a regional strategy to improve the quality and quantity of recycled materials recovered through residential recycling. The participating localities of James City County, Suffolk and Newport News performed recycling audits during FY17. The findings of the audits were paired with demographic data from the targeted recycling routes to identify trends in curbside recycling behavior and help tailor outreach priorities. For example, the materials recycled in one

downtown Suffolk route were too contaminated to audit while materials recycled in a more suburban area of Suffolk revealed very specific types of contamination in the recycled materials including plastic bags and yard debris. Armed with this new insight, the Subcommittee will take the information gathered in the audit process and target outreach to specific routes based on specific needs.

Litter and Marine Debris

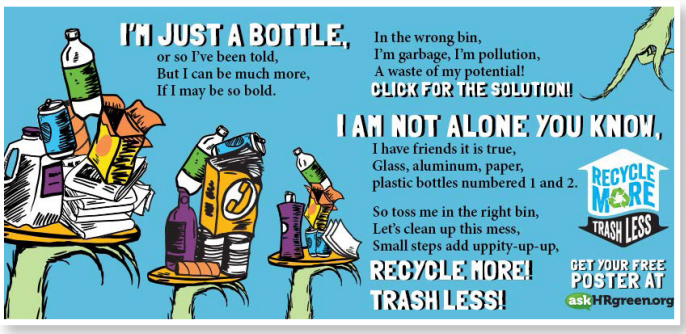
During FY17, the Subcommittee continued work on developing a region-wide litter campaign. The ongoing campaign will center around printed materials the committee members can use to promote cleanups like Adopt-a-Spot and Great American Cleanup in addition to general outreach to residents and businesses. The Subcommittee agreed to the production of a series of posters and rack cards targeting litter from youth, adults, and businesses. Additional tools and materials are scheduled for production in FY18.

Residential Recycling

The Subcommittee continued to expand the Recycle More, Trash Less campaign during FY17. The Recycle More, Trash Less media campaign includes radio and display ads as well as branded posters and rack cards. New in 2017 were the development of a Recycle More, Trash Less video and updates to the rack cards and posters. The new video was developed using the existing Dr. Seuss-inspired radio campaign and adding fun graphics to accompany the audio. Updates were needed to the posters and rack cards after TFC Recycling announced they would begin accepting cartons for recycling.

The new Recycle More, Trash Less video was used as part of a six-week online campaign that ran from February 20 to April 2 and included digital ads, targeted display, native ads, video pre-roll and Facebook. As added value for the paid media campaign, additional display ads were posted on WTKR.com.

Recycle More Trash Less Video Campaign	
Paid Media – 6 weeks (Online)	
Target Audience: Adults 25-54	
Audience Targeted Display	
Impressions	218,627
Clicks	473
CTR (Click Through Rate)	0.22%
Online Display Ads	
Impressions	80,012
Clicks	89
CTR (Click Through Rate)	0.11%
Video Pre-roll Ads	
Impressions	52,778
Clicks	708
CTR (Click Through Rate)	1.34%
Native Ad Content	
Impressions	80,005
Clicks	539
CTR (Click Through Rate)	0.67%
Facebook	
Impressions	72,838
Clicks	1,386
CTR (Click Through Rate)	1.90%
Unpaid Media	
Added Value	$2,286
Added Value Impressions	99,405
Overall Campaign	
Total Impressions	603,665
Total Video Views	52,778
Total Clicks	3,195
Total Budget	$7,500
Total Exposure Value	$9,786
Return on Investment	$1.30:1
Cost per Thousand Impressions	$12.42



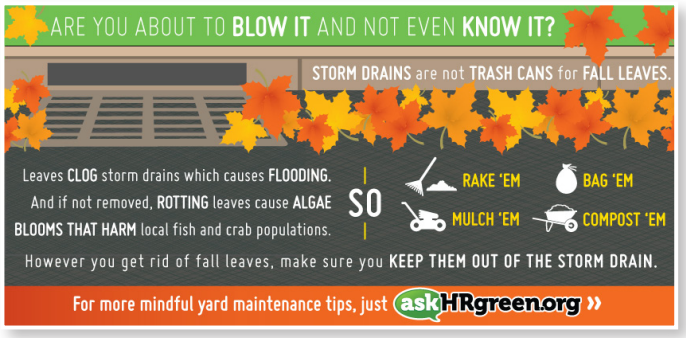
Stormwater Education Subcommittee

The Stormwater Education Subcommittee is a cooperative partnership of the region's seventeen member cities and counties. This effort has been underway since 1997 as a formal adjunct to the required public information component of the Virginia Pollution Discharge Elimination System Permits (VPDES) for Phase I and Phase II Municipal Separate Storm Sewer Systems (MS4). Local government staff members work together to share ideas and pool resources for various education programs tailored to stormwater pollution prevention.

Leaf and Pet Waste Disposal

The Stormwater Education Subcommittee ran a two-week campaign from November 7 through November 20 reminding Hampton Roads residents that storm drains are not the proper disposal option for fallen leaves and pet waste. The campaign message also explained the role leaves play in localized flooding caused by clogged drains and the role both leaves and pet waste play in degrading local water quality. Because leaf disposal methods vary by locality, citizens are encouraged to rake, bag, mulch, or compost the leaves.

The campaign included radio ads, targeted online display ads, native content, and Facebook ads. There was also an on-air contest with Max Media included as added value. The winner of a true/false leaf disposal quiz won an askHRgreen.org gift bag, movies passes and was entered to win a $100 gift card to Taylor's Do-It Center. This also included a minimum of 25 mentions per station (100 total) and inclusion on the website contest page.



Leaves/Pet Waste Campaign Results	
Paid Media – 2 weeks (Radio and Online)	
Target Audience: Adults 35-64	
Radio	
Impressions	526,100
Reach	35.10%
Frequency	2.4
Online	
Audience Targeted Display	
Impressions	74,955
Clicks	29
CTR (Click Through Rate)	0.04%
Native Content Ads	
Impressions	20,007
Clicks	653
CTR (Click Through Rate)	3.26%
Facebook Ads	
Impressions	98,516
Clicks	1,262
CTR (Click Through Rate)	1.28%
Unpaid Media	
Added Value	$8,116
Overall Campaign	
Total Impressions	719,578
Total Clicks	1,944
Total Budget	$9,558
Total Exposure Value	$17,674
Return on Investment	$1.85 : 1
Cost per Thousand Impressions	$13.28

Lawn Care Practices

The Stormwater Education Subcommittee encouraged residents to "work smarter, not harder" with their spring campaign promoting residential lawn care best management practices. The campaign covered tips such as testing soil before applying fertilizer, seeding bare spots, leaving grass clippings on the lawn, replacing turf grass with flower beds, planting native plants, and more.

The two-week campaign ran from April 3 through April 16 and included radio ads, targeted display ads, digital ads

on WTKR.com, and Facebook ads. As added value for the paid media campaign, the Subcommittee also received inclusion in contests held by the station with gift cards to local home improvement stores and nurseries to the winning participants.



Lawn Care Campaign Results	
Paid Media – 2 weeks (Radio and Online)	
Target Audience: Men 35+	
Radio	
Target Audience Impressions	440,100
Target AudienceReach	38.40%
Target Audience Frequency	3.0
Total Campaign Impressions	792,600
Online	
Audience Targeted Display	
Impressions	32,533
Clicks	86
CTR (Click Through Rate)	0.26%
Online Display Ads	
Impressions	2,394
Clicks	23
CTR (Click Through Rate)	0.96%
Facebook Ads	
Impressions	140,482
Clicks	4,787
CTR (Click Through Rate)	3.41%
Unpaid Media	
Added Value	$11,762
Overall Campaign	
Total Impressions	968,009
Total Clicks	4,896
Total Budget	$10,450
Total Exposure Value	$22,212
Return on Investment	$2.13 : 1
Cost per Thousand Impressions	$10.80

Pet Waste Disposal

Pet waste continued to be a high priority topic for the Stormwater Education Subcommittee. In addition to the fall paid media campaign on pet waste and leaf disposal, the Subcommittee also distributed "scoop the poop" branded materials such as dog waste bag holders and hand sanitizer to pet owners in the region. The scoop the poop message was also included in general askHRgreen.org promotions such as newsletters, blog posts, social media and multiple community events.

The Subcommittee also continued the ever popular Pet Waste Station Grant program. Since the launch of the program, 258 pet waste stations* have been awarded and installed across the region. Of those, 27 were awarded and installed during FY17.

New Pet Waste Stations in FY17	
City/County	Number
Chesapeake	5
Gloucester	2
Hampton	7
James City County	9
Newport News	4
Total	**27**

*This total may reflect additional pet waste stations issued by locality-funded programs.



Bay Star Homes

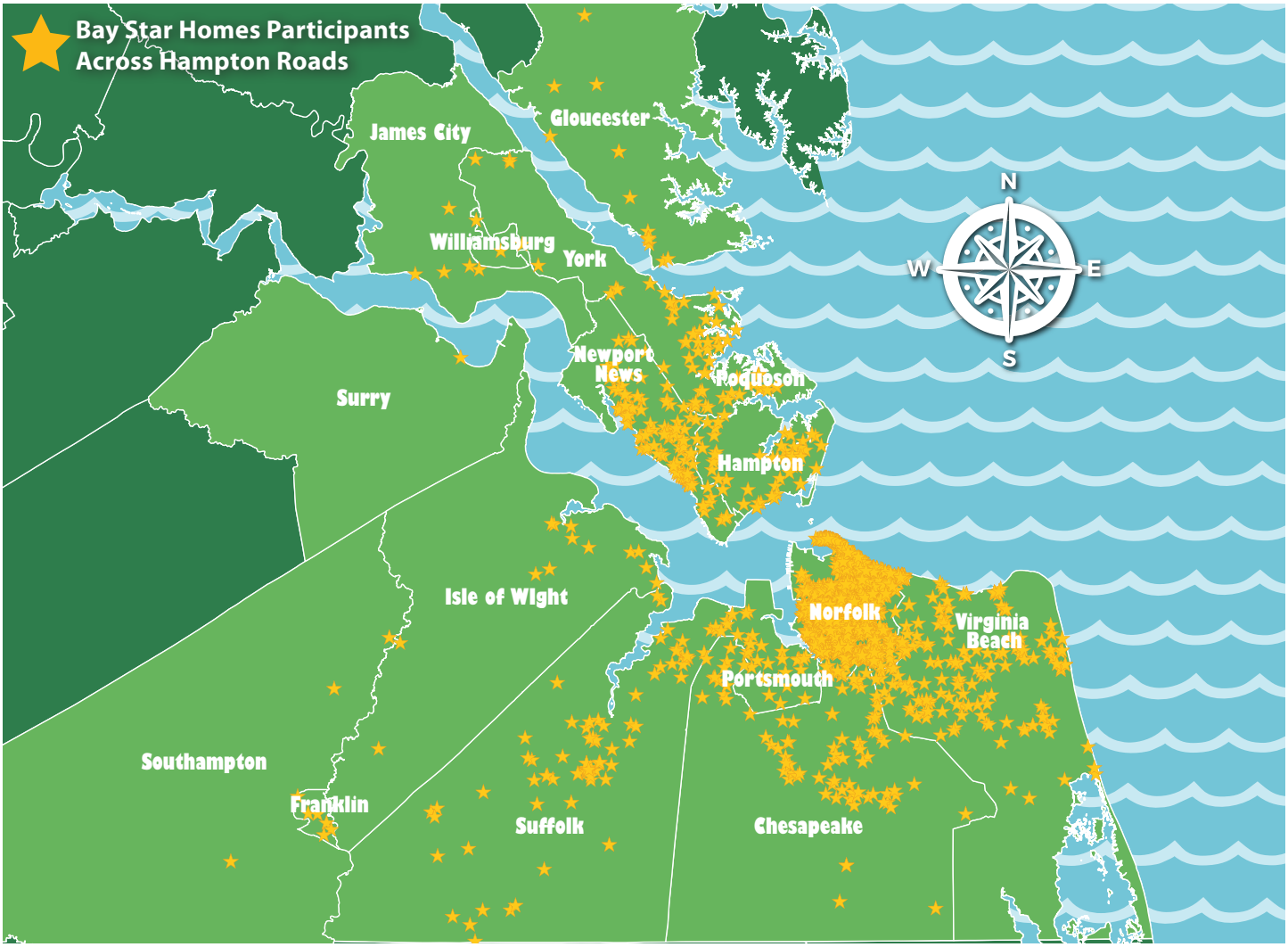
The Bay Star Homes (BSH) program continued in FY17. The program recognizes residents who pledge to avoid behaviors that are harmful to local waterways and encourages private property owners to implement voluntary stormwater management techniques such as rain barrels, rain gardens and downspout disconnects. Residents are also encouraged to begin incorporating more environmentally-friendly choices into their daily routine. Because the BSH program incorporates broad environmentally-friendly behaviors from all askHRgreen.org education programs, the program focuses not just on clean waterways, but also green living and clean communities in general.

New in 2017, the Subcommittee was able to offer three Bay Star Home workshops as part of a grant from the Chesapeake Bay Restoration Fund (CBRF) for southside and peninsula residents. Topics included soil testing, environmentally-friendly lawncare practices, techniques for tree siting and pruning, and rain barrels. The workshops helped clarify the connection between stormwater infrastructure and local waterways, including the Chesapeake Bay. The "Plant Smarter: Landscaping and Lawncare for the Peninsula" workshop was conducted in partnership with the City of Hampton and the City of Newport News on March 23, 2017 at Sandy Bottom Nature Park in Hampton. There, 36 participants learned about soil testing, environmentally-friendly methods for lawncare, and techniques for tree siting and pruning. Participants received Eastern redbud seedlings (a total of 66 seedlings were given away), askHRgreen.org informational brochures, DCR brochures on native plants and invasive species, and information on additional upcoming opportunities, including rain barrel workshops and native plant sales. In addition, rain barrel workshops were conducted in partnership with the City of Suffolk on May 20, 2017 at the Suffolk Art Gallery and on June 10, 2017 at Bennett's Creek Park in Suffolk. The workshops hosted a total of 74 participants and 37 rain barrels were given away. As a result of the workshops, the City of Suffolk was also able to create a "How-to" video to assist others in creating their own rain barrels.

As another part of the CBRF grant, Bay Star Homes was able to offer free soil testing for those who signed up during the months of July and October. Each winner received a letter congratulating them for being selected along with a soil test kit, instructions on how to collect the soil sample, and information on where to return the sample. Respondents' soil samples were tracked and sent off to the Virginia Cooperative Extension for analysis. They later received a personalized letter with their detailed soil test reports and an easy-to-read chart providing an overview of how their soil measured up. While 77 participants were contacted about the offer for free soil testing, only nine residents returned a soil sample for processing.

Bay Star Homes Registrants
(as of June 30, 2017)

City/County	Number
Chesapeake	83
Franklin	9
Gloucester	15
Hampton	55
Isle of Wight	6
James City	4
Newport News	137
Norfolk	1,763
Poquoson	12
Portsmouth	28
Smithfield	6
Southampton	1
Suffolk	83
Surry	1
Virginia Beach	153
Williamsburg	5
York	48
Total	**2,409**



Storm Drain Medallion Program

With thousands of storm drains across Hampton Roads that lead directly to local waterways, the Storm Drain Medallion Program is a great way to help people remember that "only rain belongs down the drain." Volunteers from local schools, youth groups, civic groups and others work to identify storm drains without markings in their area then adhere medallions stating "No Dumping: Leads to Waterway" directly onto the storm drain. The Subcommittee promotes the program to schools, community associations, youth clubs, and volunteer groups of all ages across the region using the askHRgreen.org website and e-newsletter, social media, and more. The program is particularly popular with schools and Boy Scout and Girl Scout troops.

Approved applicants through the Storm Drain Medallion Program each receive medallions, adhesive, a lesson plan, and PowerPoint presentation about stormwater and how individual actions affect local water quality. Each locality is involved in finding areas in need of markers and documenting the new ones that are applied. This fiscal year, the Subcommittee helped place 52 new medallions in Hampton Roads. Many more medallions were also placed through locality-initiated activities and programs.

Water Awareness Subcommittee

The Water Awareness Subcommittee is an education committee comprised of local government staff members who are committed to promoting and educating citizens about aging infrastructure, the value of tap water, and the importance of being good water stewards. This cooperative effort to promote conservation and awareness of the importance of water assists localities in meeting requirements of various water supply and ground water permits.

Fixing Leaks

Each year the Subcommittee promotes Fix-a-Leak Week in partnership with the EPA WaterSense program. The annual water conservation week encourages citizens to chase down leaks in their home and make simple repairs to worn out fixtures. The Subcommittee reused the fixing leaks TV campaign produced in FY16 for a TV and online campaign. The one-week campaign ran from March 20 to 26 on WVEC, WAVY, Cox Cable, and WTKR.com.

Value of Water

The Subcommittee used the value of water TV campaign produced in FY16 for a TV and online campaign in FY17. The value of water TV campaign explains that tap water is amazingly inexpensive and a great value when considering all the ways we depend on it each day. The one-week campaign ran from May 8 to 14 on WVEC, WAVY, Cox Cable, and WTKR.com.

Infrastructure

The Subcommittee used the infrastructure TV campaign produced in FY16 for a TV and online campaign in FY17. The infrastructure TV campaign describes the water infrastructure required to provide reliable, convenient tap water services to residents in Hampton Roads and the importance of investing in the maintenance of these systems. The one-week campaign ran from May 22 to 28 on WVEC, WAVY, Cox Cable, and WTKR.com.

Imagine A Day Without Water

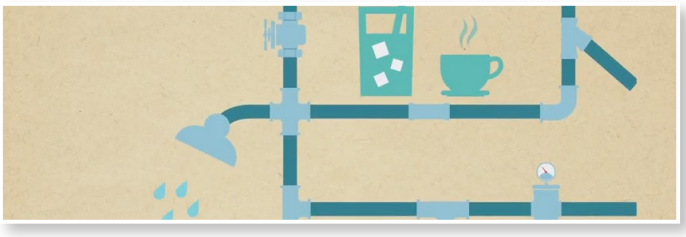
The Subcommittee joined with municipal water authorities across the U.S. to promote "Imagine a Day Without Water." On September 15, 2016, the U.S. Water Alliance, through its Value of Water Campaign, raised awareness about the importance of water and the often invisible challenges to water infrastructure. The purpose of the campaign was to get citizens thinking about how much their daily routine would change if they did not have readily available tap water. It explained a day without water is also a day

Fix-a-Leak Week Campaign Results	
Paid Media – 1 Week (TV and Online)	
Target Audience: Adults 25-54	
Television	
Target Audience Impressions	1,093,000
Target AudienceReach	37.70%
Target Audience Frequency	4
Total Campaign Impressions	2,457,300
Online	
Audience Targeted Display	
Impressions	57,321
Clicks	290
CTR (Click Through Rate)	0.51%
Online Display Ads	
Impressions	14,669
Clicks	110
CTR (Click Through Rate)	0.75%
Native Content Ads	
Impressions	29,000
Clicks	288
CTR (Click Through Rate)	0.99%
Facebook Ads	
Impressions	58,500
Clicks	1,233
CTR (Click Through Rate)	2.11%
Unpaid Media	
Added Value	$3,517
Added Value Impressions	168,881
Overall Campaign	
Total Impressions	2,785,671
Total Clicks	1,921
Total Budget	$16,641
Total Exposure Value	$20,158
Return on Investment	$1.21 : 1
Cost per Thousand Impressions	$5.97

without showers, coffee, flushing toilets, sanitary hospitals, fire protection and more. The Subcommittee promoted "Imagine a Day Without Water" with a blog entitled "It's Not Just Water" on the Let's Talk Green blog and social media postings about investing in water infrastructure.

Value of Water/Drinking Water Week Campaign Results	
Paid Media – 1 Week (TV and Online)	
Target Audience: Adults 25-54	
Television	
Target Audience Impressions	1,069,000
Target AudienceReach	40.60%
Target Audience Frequency	3.7
Total Campaign Impressions	2,355,700
Online	
Audience Targeted Display	
Impressions	56,918
Clicks	262
CTR (Click Through Rate)	0.46%
Online Display Ads	
Impressions	14,324
Clicks	95
CTR (Click Through Rate)	0.66%
Native Content Ads	
Impressions	42,099
Clicks	1,091
CTR (Click Through Rate)	2.59%
Facebook Ads	
Impressions	182,641
Clicks	5,083
CTR (Click Through Rate)	2.78%
Unpaid Media	
Added Value	$1,617
Added Value Impressions	7,500
Overall Campaign	
Total Impressions	2,659,182
Total Clicks	6,531
Total Budget	$16,641
Total Exposure Value	$18,258
Return on Investment	$1.10 : 1
Cost per Thousand Impressions	$6.26

Infrastructure Campaign Results	
Paid Media – 1 Week (TV and Online)	
Target Audience: Adults 25-54	
Television	
Target Audience Impressions	1,069,000
Target AudienceReach	40.60%
Target Audience Frequency	3.7
Total Campaign Impressions	2,355,700
Online	
Audience Targeted Display	
Impressions	32,834
Clicks	156
CTR (Click Through Rate)	0.48%
Online Display Ads	
Impressions	11,166
Clicks	79
CTR (Click Through Rate)	0.71%
Native Content Ads	
Impressions	42,307
Clicks	342
CTR (Click Through Rate)	0.81%
Facebook Ads	
Impressions	133,117
Clicks	2,604
CTR (Click Through Rate)	1.96%
Unpaid Media	
Added Value	$354
Added Value Impressions	7,500
Overall Campaign	
Total Impressions	2,582,624
Total Clicks	3,181
Total Budget	$16,641
Total Exposure Value	$16,995
Return on Investment	$1.02 : 1
Cost per Thousand Impressions	$6.44



Fats, Oils & Grease Education Subcommittee

The Fats, Oils, and Grease (FOG) Education Subcommittee is a coalition of local government staff members and HRSD working together to share ideas and pool resources for various education programs tailored to preventing sanitary sewer overflows and backups caused by improper disposal of fats, oils, and grease. This cooperative effort has been underway since 2007 when 13 of the region's localities and HRSD entered into the Regional Special Order by Consent with the Virginia Department of Environmental Quality.

Holiday FOG

Each holiday season, the Subcommittee encourages Hampton Roads residents to practice kitchen BMPs for keeping fats, oils and grease out of drains. With the increase in holiday cooking this is an important time of year to promote the FOG message. The holiday-themed promotion ran from November 19 to November 25 and advised the public to keep fats, oils and grease out of the drain. It also discouraged garbage disposal use. The one-week campaign included 60-second radio ads, Facebook ads, targeted display ads, and native content ads.

As added value for the paid campaign, 92.9 The Wave and Eagle 97 recorded a video about keeping grease out of the drain and directing people to visit askHRgreen.org. Other added value included sponsorship of the Greatest Hits Weekend and Best of Dick Lamb and the Morning Wave show on 92.9 The Wave.



What Not to Flush

The Committee reused the "It came from beneath the streets" campaign previously used for movie theater ads for a one-week TV and online media campaign. Themed after a classic horror movie, the campaign alludes to the potential for sanitary sewer overflows to occur when the public uses the toilet as a trash can. Wipes, cotton balls/swabs and other personal hygiene can all play a role in clogging sanitary sewer lines and damaging wastewater machinery. The one-week campaign ran for the week leading up to the Super Bowl, January 30 to February 5, on local stations WVEC, WAY, Cox Cable, and WTKR.com.

Holiday FOG Campaign Results	
Paid Media – 1 week (Radio and Online)	
Target Audience: Adults 25-64	
Radio	
Impressions	637,780
Reach	23.40%
Frequency	3.1
Online	
Audience Targeted Display	
Impressions	59,717
Clicks	26
CTR (Click Through Rate)	0.04%
Native Content Ads	
Impressions	9,890
Clicks	292
CTR (Click Through Rate)	2.95%
Facebook Ads	
Impressions	59,249
Clicks	1,259
CTR (Click Through Rate)	2.12%
Unpaid Media	
Added Value	$8,663
Added Value Impressions	N/A
Overall Campaign	
Total Impressions	766,636
Total Clicks	1,577
Total Budget	$5,738
Total Exposure Value	$14,401
Return on Investment	$2.51:1
Cost per Thousand Impressions	$7.48



What Not to Flush Campaign Results	
Paid Media – 1 week (TV and Online)	
Target Audience: Adults 18+	
Television	
Target Audience Impressions	904,000
Target Audience Reach	36.30%
Target Audience Frequency	3.5
Total Campaign Impressions	2,076,800
Online	
Audience Targeted Display	
Impressions	24,126
Clicks	60
CTR (Click Through Rate)	0.25%
Online Display Ads	
Impressions	14,999
Clicks	5
CTR (Click Through Rate)	0.03%
Native Content Ads	
Impressions	25,627
Clicks	288
CTR (Click Through Rate)	1.12%
Facebook Ads	
Impressions	56,461
Clicks	2,421
CTR (Click Through Rate)	4.29%
Unpaid Media	
Added Value	$1,360
Added Value Impressions	47,754
Added Value Clicks	12
Overall Campaign	
Total Impressions	2,245,767
Total Clicks	2,786
Total Budget	$13,546
Total Exposure Value	$14,906
Return on Investment	$1.10:1
Cost per Thousand Impressions	$6.03

Down the Drain Campaign Results	
Paid Media – 1 week (TV and Online)	
Target Audience: Adults 25-54	
Television	
Target Audience Impressions	904,000
Target Audience Reach	36.80%
Target Audience Frequency	3.4
Total Campaign Impressions	2,038,800
Online	
Audience Targeted Display	
Impressions	41,400
Clicks	87
CTR (Click Through Rate)	0.21%
Online Display Ads	
Impressions	15,000
Clicks	8
CTR (Click Through Rate)	0.05%
Native Content Ads	
Impressions	52,263
Clicks	469
CTR (Click Through Rate)	0.90%
Facebook Ads	
Impressions	63,406
Clicks	1,568
CTR (Click Through Rate)	2.47%
Unpaid Media	
Added Value	$4,183
Added Value Impressions	75,353
Added Value Clicks	24
Overall Campaign	
Total Impressions	2,286,222
Total Clicks	2,156
Total Budget	$13,546
Total Exposure Value	$17,729
Return on Investment	$1.31:1
Cost per Thousand Impressions	$5.93

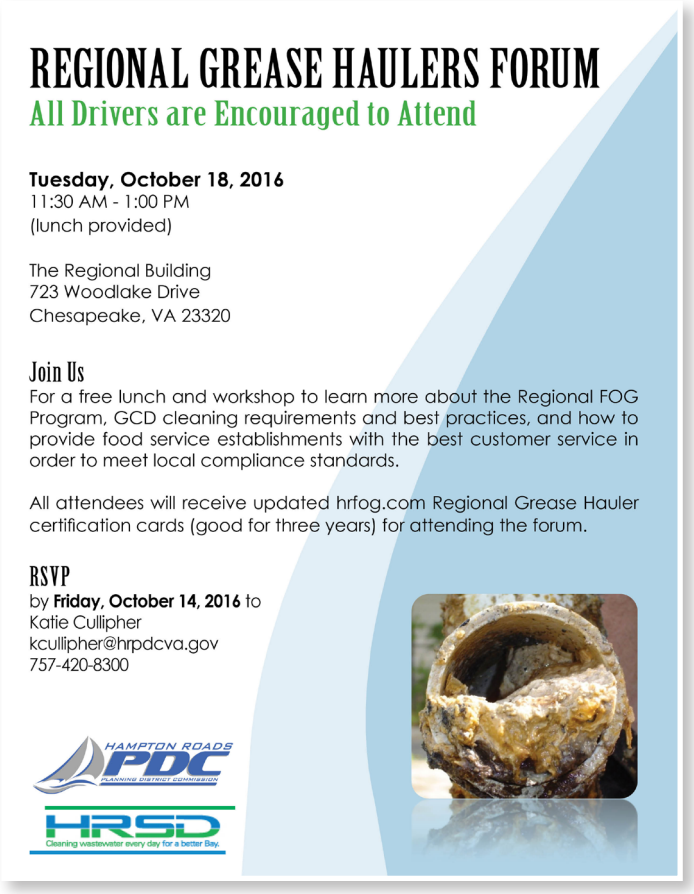
Down the Drain

The Subcommittee reused the Down the Drain TV ad produced in FY16 for a TV and online media campaign in FY17. The campaign message includes two focus areas: proper disposal of FOG and what not to flush. The ad tells residents to keep FOG, food scraps, and personal hygiene products like wipes out of the drains and demonstrates how blockages can contribute to sanitary sewer overflows. The one-week campaign ran from February 13 to 19 on local stations WVEC, WAY, Cox Cable, and WTKR.com.

Fats, Oils and Grease Regional Training Program

In FY17, the FOG Education Subcommittee continued to utilize the regional website, www.HRFOG.com, for training and certification. Through the website, grease haulers and food service industry employees receive free training and certification on proper maintenance of grease control devices and the harmful effects of FOG on the region's sanitary sewer systems. The website helps locality staff manage, train and enforce the FOG ordinances present in some Hampton Roads municipalities.

The Subcommittee continued work on improving compliance with the regional FOG program. In FY17, the Subcommittee hosted a Regional Grease Hauler Forum that took the form of a lunch and learn workshop and roundtable. Grease haulers were offered lunch and an updated HRFOG certification for attending certification refresher training followed by a roundtable discussion between grease haulers, HRSD and locality staff. Grease haulers were encouraged to ask any questions they had about complying with local FOG ordinances. About 30 employees from local grease hauler companies attended the training.



Glossary of Terms

added value
Earned but unpaid advertising value.

ad group
In Search Engine Marketing (SEM), an ad group contains one or more ads which target a shared set of keywords.

average position
A ranking system that determines where your search engine marketing ad will display on a web search results page (i.e. top of page v. bottom of page).

bounce rate
The percentage of visitors who enter the site and "bounce" (leave the site) rather than continue viewing other pages within the same site.

click through rate (CTR)
A way of measuring online advertising. The CTR of an advertisement is defined as the number of clicks on an ad divided by its impressions, expressed as a percentage.

cost-per-click (CPC)
The cost associated with a person clicking on a display ad in search engine marketing.

exposure value
The combination of advertising cost, added value, and public relations value.

frequency
The number of times an individual (among the target audience) is exposed to the message.

impressions
The number of times an advertisement or public relations placement can be seen or heard by an audience.

public relations value
The equivalent advertising cost of a public relations article, interview, internet placement, etc. times three. Because a public relations placement has a higher value with an audience than advertising, it is assigned a higher value.

reach
The number or percentage of people within the target audience who are exposed to an advertising message at least once over a specific period of time.

search engine marketing (SEM)
The process of attracting traffic to a website from search engine results pages on a pay-per-click basis.

search engine marketing (SEO)
The process of improving the quality of a website so that it appears higher in natural ("organic") search results.

unique visitors (users)
The number of people who visit a website within a specific period of time. If they visit more than one time within the period, their initial visit as well as their subsequent visits are counted as sessions. A user may have one session or multiple sessions.

Appendix A

SEM 12-Month Report

Pilot MEDIA

askHRgreen - 12 Month for askHRgreen

Date range July 01, 2016 to June 30, 2017

Created on July 10, 2017

Search Engine Marketing (SEM): **Executive Summary**

Over the past 12 months, your campaign has continued to perform well, growing clicks, Click Through Rate and Ad Position while maintaining Search Impression Share. The majority of clicks come from the Recycling at Home/Residential Recycling, Medication Disposal and Electronics Recycling ad groups, along with your Branded ad group.

During this period we have updated your ads to align with promotions on your website and in your newsletters. We have also spent time reviewing bids to ensure you are paying the most efficient price for each click, as well as reviewing search terms to ensure your ads are showing to the most relevant audience.

Traffic to your website was up 10% over the past 12 months compared to this same period the previous year, with a significant increase in Goal Completions. Top Traffic Channels included Organic Search, Other (appears to be local media campaigns) and Direct, with Paid Search driving 80% New Sessions with a double digit conversion rate. You also saw a 60% increase in mobile traffic, with mobile going from 30% of your site traffic to 44%. This increase in mobile has caused some declines in your Behavior metrics since users have trouble navigating to more pages and staying on site for a long period of time when on a mobile device. Your new mobile friendly website will help dramatically with this.

AdWords Search KPIs

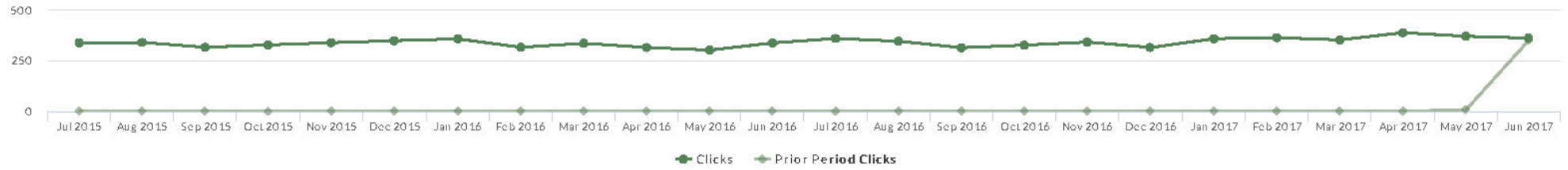
Google Adwords Search campaigns

Clicks	Impressions	CTR	Avg. CPC	Average Position	Avg. Daily Search Impr. Share
4.23K	107.92K	3.92%	$2.89	1.56	45.52%
4.00K	158.28K	2.53%	$2.26	1.81	39.11%
▲6%	▼32%	▲55%	▲28%	▼13%	▲16%

Clicks Over Time

Custom - Jul 01, 2015 to Jun 30, 2017
Comparing to prior period

Google Adwords campaigns data grouped by month



Top Traffic Sources

Google Analytics traffic sources

Default Channel Grouping	Sessions	New Users	% New Sessions	Bounce Rate	Avg. Session Duration	Pages/Session	Goal Completions	Goal Conversion Rate
Organic Search	23,858	20,255	84.90%	77.82%	01:12	1.60	6,622.00	27.76%
(Other)	11,625	8,143	70.05%	89.82%	00:32	1.17	7,375.00	63.44%
Direct	8,710	7,094	81.45%	73.69%	01:23	1.81	3,049.00	35.01%
Referral	5,032	3,894	77.38%	68.36%	02:16	2.10	2,473.00	49.15%
Social	4,532	3,472	76.61%	84.55%	01:01	1.48	891.00	19.66%

Pilot MEDIA

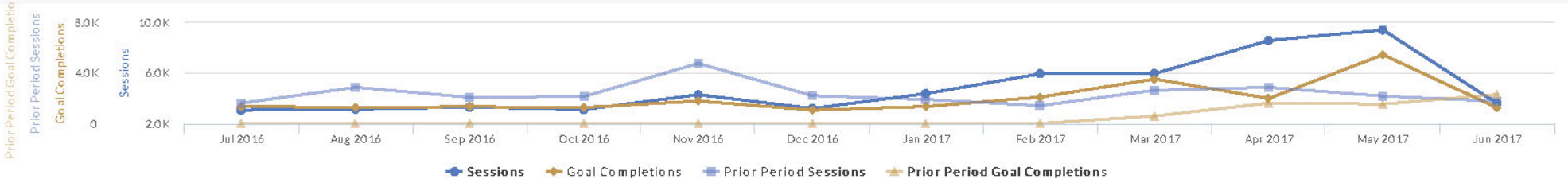
askHRgreen - 12 Month for askHRgreen

Date range July 01, 2016 to June 30, 2017

Created on July 10, 2017

Traffic Trends

Google Analytics campaigns data grouped by month



Analytics KPIs

Google Analytics traffic sources

Sessions	New Users	% New Sessions	Bounce Rate	Pages/Session	Avg. Session Duration	Goal Completions	Goal Conversion Rate
58.11K	46.28K	79.64%	79.07%	1.59	01:11	23.81K	40.97%
52.53K	42.27K	80.46%	74.92%	1.77	01:31	6.07K	11.55%
▲11%	▲10%	▼1%	▲6%	▼10%	▼22%	▲292%	▲255%

Goal Completions

Google Analytics goal

Goal Name	Completions	Conversion Rate
Average Page Views Per Session	6,420	11.05%
Time on Site	4,897	8.43%
Healthy Drinking Water Page	4,079	7.02%
Recycle More Trash Less RMTL Page	2,611	4.49%
Recycling at Home Page	2,611	4.49%
Fats, Oils, and Grease Disposal Page	2,003	3.45%
Let's Talk Green Blog Page	415	0.71%
Stormwater Run-off Page	299	0.51%
Mini Grant Application Package Page	202	0.35%
Scoop the Poop Page	155	0.27%

Pilot MEDIA

askHRgreen - 12 Month for askHRgreen

Date range July 01, 2016 to June 30, 2017

Created on July 10, 2017

Top 5 Campaigns By Clicks

Google Adwords campaigns

Campaign Name	Clicks	Impressions	CTR	Avg. CPC	Average Position	Avg. Daily Search Impr. Share
R&B	1,621	38,336	4.23%	$3.13	1.38	30.29%
Stormwater	1,168	22,432	5.21%	$2.70	1.34	60.93%
askHRgreen.org	784	12,839	6.11%	$1.77	1.11	59.08%
Water	625	33,299	1.88%	$4.06	2.09	31.23%
FOG	28	1,014	2.76%	$2.58	2.04	49.59%

Top 10 Ad Groups By Clicks

Google Adwords ad groups

Ad Group	Clicks	Impressions	CTR	Avg. CPC	Average Position	Avg. Daily Search Impr. Share
Recycling at Home/Residential Recycling	1,086	28,546	3.80%	$3.46	1.41	26.93%
Medication Disposal	611	6,520	9.37%	$2.31	1.48	60.97%
askHRgreen.org	336	1,040	32.31%	$0.51	1.02	88.64%
Electronics Recycling	293	3,278	8.94%	$2.39	1.62	30.77%
Environmental Education	248	6,877	3.61%	$3.14	1.07	57.78%
Drinking Water/Tap Water	247	11,841	2.09%	$3.88	1.34	32.53%
Soil Testing	224	6,627	3.38%	$3.13	1.21	67.27%
TMDL	220	4,381	5.02%	$2.49	1.04	66.47%
What to Recycle	189	5,555	3.40%	$2.65	1.11	47.65%
Water Filters/Filtration	125	9,205	1.36%	$3.96	3.26	24.21%

Pilot MEDIA

askHRgreen - 12 Month for askHRgreen

Date range July 01, 2016 to June 30, 2017

Created on July 10, 2017

Top 10 Keywords by Clicks

Google Adwords keyword breakdown

Keyword	Ad Group	Clicks	Total Impressions	CTR	Avg. CPC	Average Position
recycle	Recycling at Home/Residential Recycling	995	64,262	1.55%	$3.50	1.37
medicine disposal	Medication Disposal	413	12,142	3.40%	$2.64	1.45
environmental issues	Environmental Education	201	12,587	1.60%	$3.29	1.06
tap water	Drinking Water/Tap Water	125	11,712	1.07%	$3.88	1.20
recycling centers	What to Recycle	121	9,633	1.26%	$2.88	1.06
chesapeake bay watershed	TMDL	117	6,260	1.87%	$2.21	1.05
"soil sample testing"	Soil Testing	110	7,803	1.41%	$3.40	1.10
safe drinking water	Drinking Water/Tap Water	98	13,538	0.72%	$3.95	1.34
how to dispose of old medication	Medication Disposal	95	1,586	5.99%	$1.48	1.10
askhrgreen	askHRgreen.org	91	641	14.20%	$0.25	1.00
electronics recycling	Electronics Recycling	90	2,142	4.20%	$3.13	1.21
water filters	Water Filters/Filtration	90	11,232	0.80%	$4.12	3.16
hr green	askHRgreen.org	73	640	11.41%	$0.80	1.02
going green	Green Home/Practices	73	6,701	1.09%	$2.84	1.14
hampton roads recycling	Hampton Roads Environment	70	1,261	5.55%	$1.16	1.16
best bottled water	Bottled Water	67	4,189	1.60%	$4.87	1.28
recycling	Recycling at Home/Residential Recycling	59	3,554	1.66%	$2.49	1.37
ask hr green	askHRgreen.org	59	473	12.47%	$0.79	1.03
hrgreen	askHRgreen.org	53	342	15.50%	$0.53	1.00
askhrgreen.org	askHRgreen.org	52	422	12.32%	$0.26	1.02
dispose of old medicine	Medication Disposal	48	987	4.86%	$1.69	1.14
environmental problems	Environmental Education	43	3,068	1.40%	$2.49	1.10
"recycling computers"	Electronics Recycling	42	1,424	2.95%	$2.50	1.64
disposing of medicine	Medication Disposal	40	1,057	3.78%	$2.00	1.15
go green	Green Home/Practices	40	3,185	1.26%	$2.37	1.25

Pilot MEDIA

askHRgreen - 12 Month for askHRgreen

Date range July 01, 2016 to June 30, 2017

Created on July 10, 2017

Top 10 Ads by Clicks

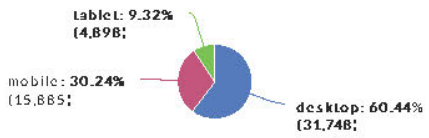
Google Adwords ads

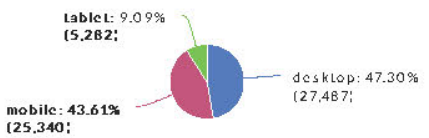
Ad Preview	Ad Group	Clicks	Impressions	CTR	Avg. CPC	Ad ID
Residential Recycling - Recycle More, Trash Less askhrgreen.org/ --/ -- askHRgreen.org Offers Tips & Suggestions To Make Recycling Easier! Learn Today.	Recycling at Home/Residential Recycling	855	18,069	4.73%	$3.36	94716463090
AskHRGreen.org askHRgreen.org Your Go-To Resource For Everything Green in Hampton Roads. Learn More!	askHRgreen.org	320	963	33.23%	$0.51	23631155050
Medication Disposal askHRgreen.org Before You Flush Your Old Medicine Learn More On The Proper Way Here.	Medication Disposal	316	3,228	9.79%	$2.38	24017044090
Proper Medication Disposal - askHRgreen.org askhrgreen.org/ --/ -- Before You Throw Out Or Flush Your Old Medications, Find Out The Proper Way!	Medication Disposal	254	2,871	8.85%	$2.19	94878897010
Environmental Issues askHRgreen.org Want to Learn More About The Environment & Issues? We Can Help!	Environmental Education	225	6,027	3.73%	$3.13	24017087410

Website Traffic by Device

Google Analytics device

Prior Period

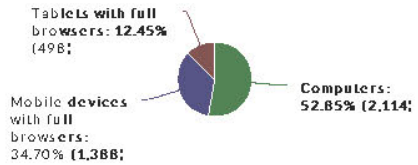


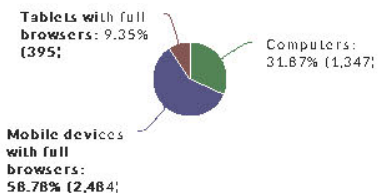


AdWords Clicks by Device

Google Adwords campaign breakdown

Prior Period





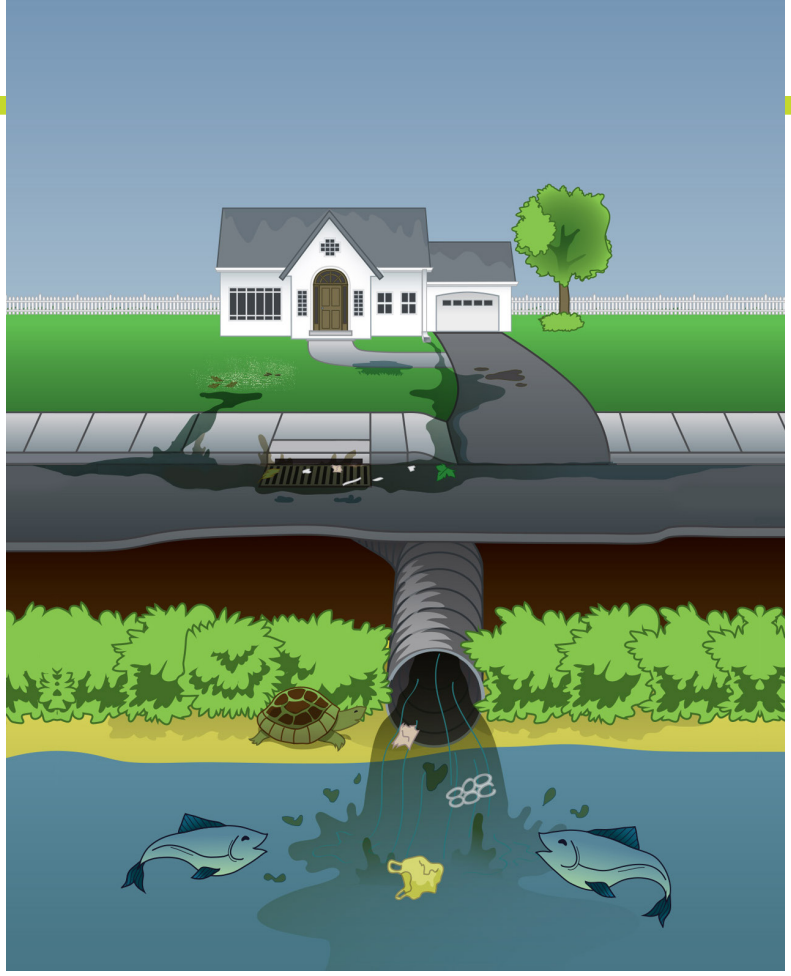
CITY OF NORFOLK PUBLIC WORKS

Fee Reduction Program



ways you can reduce your stormwater fee

This Policy supersedes and repeals all prior policies or regulations on this subject.



Why Norfolk has a Stormwater Fee...

The City of Norfolk is mandated under the Municipal Separate Storm Sewer System (MS4), Phase I Virginia Pollutant Discharge Elimination System (VPDES) permit to reduce pollutants from storm water runoff. In the absence of federal and state funding, revenue for the environmental storm water management program is derived primarily from storm water fees outlined in Chapter 41.1 of the City Code and §15.2-2114 of the Virginia Code. The City currently assesses all property owners a fee based on a 2,000 square foot equivalent residential unit (ERU). This fee is utilized to cover the cost of services for the collection, treatment and discharge of storm water runoff. This fee structure is comparable to the fees charged by other Hampton Roads Phase I municipalities, including Newport News, Hampton, Chesapeake, Portsmouth and Virginia Beach.

Fee Reductions = Pollution Reductions

The City of Norfolk's Environmental Storm Water Fee Reduction policy is designed to encourage commercial, industrial, and residential property owners to take measures which can reduce the impact their properties have on the quality of our waterways by reducing the amount of pollutants entering the storm water system. It is important to note that the storm water fee reduction program is intended to provide incentives for pollution reduction efforts.

In order to receive the reduction from the storm water utility, the property owner must submit an application including required supporting documentation to the Director of Public Works or his designee for review and approval.

How It Works....

Fee charges under the Environmental Storm Water Management Program may be reduced under the following circumstances:

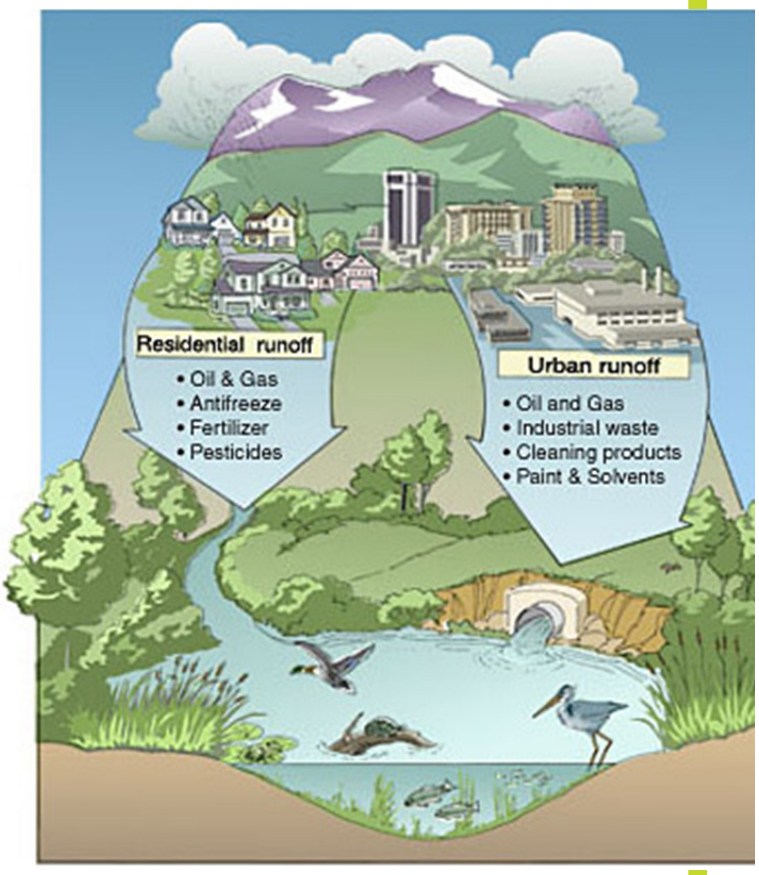
- Installation of **Residential** (one but no more than four residential/dwelling units) storm water management facilities
- Installation of **Non-residential** (property not meeting the residential criteria, including, but not limitied to, industrial, commerical, recreational, cultural, multi-family-5 units or more) storm water management facilities

See City code 41.1-1 for complete definitions

Fee reduction criteria are routinely reviewed by City staff to ensure compliance with the reduction program. If the City determines the site characteristics surrounding the reduction are no longer valid, the discount shall be eliminated from the account. Because the reduction is designed to reduce pollutants entering the storm water system, the fee discount may be eliminated if the property owner is found to violate City Code 41.1-4, Pollution of the Storm Water System.

If a property owner desires to modify their request, a new application must be completed and submitted.





The maximum reduction any one entity may receive through this reduction program **is a 60%** reduction in their total storm water utility fee. When comparing total land use of impervious area within Norfolk, 40% is publicly owned and is of benefit to all property owners within Norfolk. Therefore everyone must contribute to the maintenance of the system.

What is a SWMF?

Storm Water Management Facilities (SWMF) are facilities which have been shown to be effective in helping to remove pollutants from storm water runoff. As an incentive for SWMF construction, storm water fee reductions may be given for construction and maintenance of SWMFs as outlined in the current Norfolk Design & Construction Manual. These SWMFs, when properly constructed and maintained, have been shown to reduce runoff pollution from the site.

Residential Fee Reduction Program

The City is providing a discount to residential property owners who install storm water management facilities (SWMF) voluntarily on their property to aid in storm water (sw) runoff and/or pollutant removal. The discount will be based on the type of SWMF installed on the residential property and the area treated. **Once your SWMF has been approved and installed, homeowners are required to complete an annual inspection report on June 1st each year thereafter for continued fee reduction consideration.**

In order to qualify for a storm water fee reduction, the SWMF design and related calculations must be developed and reviewed by the City's Storm Water Engineer or his designee. The design of the SWMF shall meet the minimum drainage requirements as outlined in Table 1 and comply with the Norfolk Design & Construction Manual, Virginia Storm Water BMP Clearing House Manual, Virginia Tech Rain Garden Guide, or other City approved design specifications. Multiple SWMFs may be installed per property to stack load reductions; however, the stacked SWMFs may not treat the same drainage area. The maximum credit per site is 60%.

Residential SWMF Construction

The SWMF must be installed as outlined in the plan. Consultation with a qualified contractor is recommended, but not required. Property owners are required to follow all local, State, and Federal laws and acquire all required land disturbing, construction, and environmental permits. Site plan review may be required.

Right to Inspection

The City may inspect the SWMF at any time during the year. If the on-site stormwater storage is no longer functioning or has not been maintained, the City reserves the right to cancel the credit for up to three years.

At A Glance:

Example:
Property owner installs
1 rain garden and 2 rain barrels

20% credit rain garden
+ 10% credit rain barrel
+ 10% credit rain barrel
= 40% fee reduction

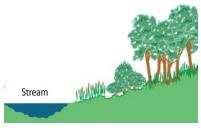
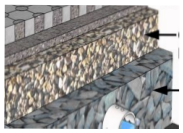
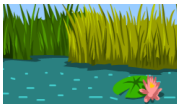
Multiple SWMFs may be installed per property to stack load reductions, but they may not treat the same drainage area.

Residential SWMF Inspections

The SWMF inspector will perform inspections throughout the installation process to ensure compliance with the approved plan requirements. Any supporting documents providing proof that the SWMF was installed and functioning as designed must be provided to the City prior to any rate reduction. The property must be fully stabilized to avoid sediment runoff prior to the reduction being approved.

The owner must complete an annual inspection of the SWMF. Inspections should include a photo of the SWMF and a written summary of any discrepancies with the SWMF and corrective actions taken. The inspection should be submitted to the Division no later than June 1 of each year and will be retained by the Division. Failure to submit the annual inspection will void the rate reduction starting on July 1.

Table 1: Residential SWMF Options

SWMF Types	Visual	% Credit	Min Drainage Area (sf)	Other Required Documentation
Rain Barrels		10	300	Barrel Volume | Roof Area Treated (sf)
Grass Swale		10	500	Drainage Area Treated | Swale length and average depth
Buffer Area		10	N/A	Planting Plan | Drainage Area | Buffer Length & Width
Nutrient Management Plan		10	100% of the site	Approved Plan
Cistern		10	300	Rain Cistern Volume | Roof Area Treated (sf) | Water Use
Bioswale		20	500	Planting Plan | Drainage Area Treated | Swale length and average depth
Rain Garden		20	500	Planting Plan | Drainage area treated | Surface area and average depth
Permeable Pavement with Underdrain		20	300	Drainage area treated | Surface area of pavement
Rooftop Disconnect with Soil Amendments		20	300	Length & Width of flow path | Amendment Depth
Green Roof		50	800	Green Roof Surface area | Planting Plan
Living Shoreline		50	N/A	Planting Plan | Applicable Permits | Length and Width of shoreline project

Residential SWMF Definitions

Rain Barrels/Cisterns: A tank used to catch rainwater running off roofs from a downspout.

Nutrient Management Plan: Program designed to manage the amount, source, placement, form and timing of the application of nutrients and soil amendments

Vegetated Filters: Bioswale, Grass Swale, Buffer Area. These are areas of dense turf, meadow grasses, trees or other vegetation with a minimum slope to absorb runoff from roof downspouts.

Rain Garden: Rain gardens are landscaped areas slightly below ground level that capture and filter stormwater runoff from a roof or other impervious (paved) surface.

Permeable Pavement: Pervious pavement may include concrete blocks, grid pavers, or pervious concrete or asphalt with a stone reservoir underneath. The reservoir temporarily stores surface runoff before seeping it into the soil below. Gravel is not considered pervious pavement.

Rooftop/Downspout Disconnect: This is the process of separating roof downspouts from the storm system and redirecting roof runoff onto pervious surfaces where soil amendments have been applied, most commonly a lawn.

Green Roof: Living roof is a roof of a building that is partially or completely covered with vegetation and a growing medium, planted over a waterproof membrane.

Living Shoreline: A shoreline protection option that allows for natural coastal processes to remain through the strategic placement of plants, stone, sand fill, and other structural and organic materials.



Non-Residential Property Fee Reduction Program

As an incentive for SWMF construction, fee reductions will be allowed for construction of approved SWMF's which reduce runoff pollution from the site. In order for a non-residential property to qualify for a storm water fee reduction, the SWMF design and related calculations must be developed and certified by a professional engineer or surveyor licensed to practice in the Commonwealth of Virginia. Pollutant loadings and SWMF effectiveness must be computed in accordance with the methods outlined in the Norfolk Design & Construction Manual.

The percent fee reduction will be computed to the nearest percent using the following formula:

% Fee Reduction
=
(% SWMF Efficiency Rating)
(Area served by SWMF in acres/
Total Site Area)

Multiple SWMFs may be installed for each property to stack load reductions; however, the stacked SWMF may not treat the same drainage area.

Up to 60% maximum credit per site

Non-Residential SWMF Construction

When constructing SWMFs, site plan review requirements and criteria must be followed. The design will be reviewed and approved through the site plan review process. If the formal process is not required (due to size limitations), the requirements and criteria still apply and the Division's Storm Water Engineer or his/her designee must review the proposed site plan prior to installation. A Declaration of Covenants must be signed by the property owner and filed with the Clerk of the Court prior to approval from the Division (copy of the Declaration will be kept on file at the Division).

A pre-construction meeting shall be arranged with the City's SWMF inspector at a minimum 48-hours prior to construction. The SWMF must be installed as outlined in the plan. Any modifications must be made by the engineer of record and the site plan adjusted as such, with approval from the Division. All sediment control measures must be installed prior to any land disturbing activity. All land disturbing permits and General Construction and Environmental Permits must be obtained where necessary.





Non-Residential SWMF Inspections

The SWMF inspector will perform inspections throughout the installation process to ensure compliance with site plan requirements. Any as-built or certifications providing proof that the SWMF was installed and functioning as designed must be provided to the City prior to any rate reduction. The property must be fully stabilized to avoid sediment runoff prior to the reduction being approved.

The owner must complete annual inspections of the SWMF. Inspections must be completed by a certified inspector and documented along with all discrepancies noted and corrective actions taken. These annual reports will be submitted to the Division no later than June 1 of each year. The inspection forms will be retained by the Division for the specific SWMF installed. Failure to submit the annual inspection reports will void the rate reduction starting on July 1.

The following items must be completed and submitted with your application to the Division to receive the reduction.

- Completed application for the Storm Water Fee Reduction/Waiver
- Proof of ownership of the facility
- Storm water system maintenance schedule
- Site Plan and Water Quality Calculations

Right to Inspection

The City may inspect the SWMF at any time during the year. If the on-site stormwater storage is no longer functioning or has not been maintained, the City reserves the right to cancel the credit for up to three years.

Residential and Non-Residential Application Checklist

- ☑ Applicant Name:
  Name of individual property owner
- ☑ Property Address:
  List address number and street name
  Include city and zip code.
- ☑ Mailing address include if different from property address.
- ☑ Parcel ID number:
  Each piece of land has its own parcel ID number. This information can be found on the City's website under Norfolk Air
- ☑ Phone number:
  The primary contact for the applicant
- ☑ Email address:
  The primary contact for the applicant
- ☑ Credits applying for:
  Select the credit for which the applicant is applying. If you are doing a residential project, check the first box. The other options relate to commercial properties and apartment complexes.
- ☑ SWFM type applying for
  Check ALL that apply
- ☑ Attach ALL SWMF plans.
- ☑ Checked and complied with all applicable City codes
- ☑ Applicant signature/date

Questions? Call 823-4010 or send a letter to SW Fee Reduction Program, Attn., Storm Water Engineer, 2233 McKann Ave, Norfolk VA 23509

Maintenance Requirements

Storm Water Management Facilities (SWMFs) installed on a property must be maintained to ensure continued function.

Restrictions on Credits

Transfer of credit:
The property credit applies only to the applicant. Credits do not transfer if home ownership changes. A new application must be submitted for new account holders to receive the credit.

The SWMF must meet all applicable City of Norfolk building, planning and zoning code requirements.

Right to Inspection

The City may inspect the SWMF at any time during the year. If the on-site stormwater storage is no longer functioning or has not been maintained, the City reserves the right to cancel the credit for up to three years.

Fee reductions associated with SWMF installation on residential and non-residential properties will become effective starting the first day of the following month after approval from the Director of Public Works or his designee. Retroactive rates reductions will not be considered. Rate reductions will be reviewed by the Director of Public Works or his designee annually during the month of June to ensure continued compliance with the rate reduction requirements. Failure to submit annual inspection reports for the previous year by June 1 may void the storm water rate reduction starting on July 1 and would require reapplication.

Stormwater Credit General Application

Applicant Name: _____

Property Address: _____

City/Zip: _____

Mailing address: (if different than property address) _____

City/Zip: _____

Parcel ID number: _____ Phone Number: _____

Email address: _____

Check One:

☐ This is the first credit application for this property.

☐ This is a credit renewal request.

☐ This is a reapplication after a credit suspension.

Credit applying for:

☐ Single-family residential property - **Complete Part 2 on next page**

☐ Multi-family/non-residential SWMF - **Supply Supporting Documentation**

- Proof of ownership
- Storm water maintenance schdule
- Copy of approved site plan
- Copy of storm water calulations
- As builts or certifications if applicable

Applicant/Contact Signature: _____

Date: _____

Mail to: City of Norfolk, Stormwater Utility, Attn: Stormwater Credit Applications
2233 McKann Avenue, Norfolk, VA 23509

Single Family Residential Stormwater Credit Application - Part 2

Applicant Name: _____ Parcel ID Number: _____

Credit Applying For: *Check all that apply*

☐ **RAIN GARDEN**

Drainage Area Treated: _____ Surface area & average depth: _____

Date of construction: _____ ☐ Planting plan attached

☐ **ON-SITE STORMWATER STORAGE**

☐ Rain barrels ☐ Cistern ☐ other

Roof area treated (sf): _____ Volume of on-site storage _____ gallons

Water use: _____

☐ **PERMEABLE PAVEMENT WITH UNDERDRAIN**

☐ Paving blocks ☐ grid or grass pavers ☐ pervious concrete or asphalt

Surface area of pavement (sf): _____ Drainage area treated (sf): _____

☐ Stone reservoir is at least 10 inches deep at all points ☐ Compliant with city code

☐ **VEGETATED FILTER**

☐ Bioswale ☐ Living Shoreline ☐ Buffer area ☐ Grass swale

Drainage area treated (sf): _____ Length & average depth: _____ ☐ Planting plan attached

☐ **LAWNCARE NUTRIENT MANAGEMENT PLAN**

☐ Approved plan attached

☐ **GREEN ROOF**

Roof surface area (sf): _____ ☐ Planting plan attached

☐ **ROOFTOP DISCONNECTS WITH SOIL AMENDMENTS**

Length & width of flow path (sf): _____ Amended soil depth (sf): _____

☐ **PHOTOGRAPH OF MEASURE AS INSTALLED IS ATTACHED**

Single Family Residential Stormwater Credit Application - Part 2

Sketch of property with SWMF shown. (Attach additional plans as needed)

All applicable local codes:

_____ (initial) I, the applicant, have complied with all local codes applicable to the installation of the SWMF.

Owner certification:

_____ (initial) I hereby certify that I own and live at the property and I further declare, under penalty of perjury, that the information provided by me in this application is the truth to the best of my knowledge and belief.

Applicant/Owner Signature:_____ Date: _____

Mail to:
City of Norfolk Public Works, Stormwater Utility, Attn: Stormwater Credit Applications
2233McKann Avenue, Norfolk VA 23509

City of Norfolk,

Stormwater Utility

2233 McKann Avenue

Norfolk, VA 23509

757.823.4010

www.norfolk.gov

THE CITY OF NORFOLK℠

PUBLIC WORKS

Adopted: October 2016

Stormwater Fee Reduction

			SWMFs Implemented											
Name	***Address***	***Parcel ID (Account #)***	*Rain Barrel*	*Grass Swale*	*Buffer Area*	*Nutrient Management Plan*	*Cistern*	*Bioswale*	*Rain Garden*	*Permeable Pavement w/ Underdrain*	*Rooftop Disconnect w/ Soil Amendments*	*Green Roof*	*Living Shoreline*	***% Fee Reduction***
Ruth Amundsen	5614 Shenandoah Ave. Norfolk, VA 23509	49210700					1		1	1		1		60%
Peter Marshall & Diane Horowitz	934 Westover Ave. Norfolk, VA 23507	879005	4											40%
Thomas Scarpelli	923 Westover Ave. Norfolk, VA 23507	6718500	1											10%
James & Josephine Cole	232 E. Westmont Ave. Norfolk, VA 23503	1530885205	1						1					30%
James & Rebekah Weckerly	5421 Powhatan Ave. Norfolk, VA 23508	1429224337	1											10%
Michael Phillips	3809 Abingdon Cir. Norfolk, VA 23513	1449203708	1											10%
John & Ellen Seniuk	9608 Grove Ave. Norfolk, VA 23503	1540783898	1											10%
Lucas Johnson	437 Rhode Island Ave., Norfolk, VA 23508	1438096855	1			1			1					40%
Diane Ruhl	511 Suburban Pkwy., Norfolk, VA 23505	32810700	1						1					30%
Matthew Hinson	3112 Norway Place Norfolk, VA 23509	35436500	1											0%

Chemical Spill Response Training by Sigma Consulting (Instructor: Chris Pappas)
Norfolk Session: Monday, October 3, 2016

	Employee Name	Department	Signature
✓ 1	Arnold, Rob	PW Waste Management	
2	Amos, Donald	PW Operations Yard S&B	
✓ 3	Andrews, Samuel	PW Operations Sweeping	Samuel M. Andrews Sr.
✓ 4	Bailey, Antonio	PW Operations Sweeping	
✓ 5	Baker, Rand	Utilities - Water Treatment	
✓ 6	Banks, Craig	PW Waste Management	
✓ 7	Barnette, Jeffrey	PW Operations Sweeping	(Also signed on Line 78)
✓ 8	Bass, Chris	PW Waste Management	
✓ 9	Bolden, Thomas	Utilities - Water Treatment	
✓ 10	Brown, Priscilla	PW Waste Management	
✓ 11	Bryant, Jamanda	PW Operations Sweeping	
✓ 12	Budd, Maria	PW Operations Safety S&B	
✓ 13	Bullock, Clarence	PW Waste Management	
✓ 14	Carter, Donnie	PW Waste Management	
15	Carter, Michael	PW Operations Pump Station	
✓ 16	Clayton, Darry	PW Waste Management	
✓ 17	Davis, Christopher	PW Waste Management	
✓ 18	Delahaya, Robert	PW Operations Safety S&B	
✓ 19	DePietro, Joseph	Recreation, Parks & Open Spaces	
✓ 20	Dill, John	Recreation, Parks & Open Spaces	
✓ 21	Dodd, Eric	PW Waste Management	
✓ 22	Erwin, Jack	Stormwater	

Chemical Spill Response Training by Sigma Consulting (Instructor: Chris Pappas)
Norfolk Session: Monday, October 3, 2016

✓23	Foster, Nathaniel	PW Operations Sweeping	
✓24	*Glenn, Odell*	*Stormwater*	
✓25	Golden, Keith	Recreation, Parks & Open Spaces	
✓26	Green, Timothy	Flooding	
✓27	Holderfield, Carlos	PW Operations Sweeping	
✓28	Howard, Harvey	PW Waste Management	
✓29	Hudgins, Ryan	PW Operations Stormwater	
30	Hutton, David	PW Operations Sweeping	
✓31	Ingram, Ryan	PW Operations Sweeping	
✓32	Jefferson, Androse	PW Waste Management	
✓33	Johnson, Clifford	PW Waste Management	
✓34	Kelley, Willie	Flooding	
✓35	Latimer, Jasmine	PW Waste Management	
✓36	Magruder, Casey	PW Operations Stormwater	
✓37	McPherson, George	Utilities - Water Treatment	
✓38	McReynolds, Taylor	PW Operations Sweeping	
✓39	Mills, Jonathan	PW Waste Management	
✓40	Ming, Bruce	PW Waste Management	
✓41	Monds, Avery	PW Operations Sweeping	
✓42	Mullings, Juan	PW Operations Yard S&B	
✓43	Nichols, Jeff	Utilities - Water Treatment	
✓44	Patton, Steve	PW Operations Sweeping	
45	Perry, James	PW Waste Management	
✓46	Quick, Kyle	PW Operations Stormwater	

Chemical Spill Response Training by Sigma Consulting (Instructor: Chris Pappas)
Norfolk Session: Monday, October 3, 2016

✓ 47	Revels, Larry	PW Operations Sweeping	Larry Revels Jr.
✓ 48	Serrano, Luis	PW Operations Storm Water	Luis R. Serrano, Sr.
✓ 49	Shafer, Justin	PW Operations Stormwater	
✓ 50	Slater, Matthew	PW Waste Management	
51	Smith, Fred	PW Operations Sweeping	
✓ 52	Stewart, Roeger	PW Operations Sweeping	
✓ 53	Sutherby, Jacob	PW Waste Management	
✓ 54	Taylor, Christopher	PW Operations Pump Station	
55	Thomas, Shawn	PW Waste Management	
✓ 56	Tressler, Joe	PW Waste Management	
57	Vazquez, Francisco	PW Operations Yard S&B	
✓ 58	Webb, Kareem	Utilities - Water Treatment	
59	White, Mario	PW Waste Management	
✓ 60	Whitehurst, June	PW Operations Stormwater	June Whitehurst
✓ 61	Williams, Anthony	PW Operations Sweeping	
✓ 62	Williams, Thomas	PW Waste Management	Thomas Williams
✓ 63	Wynn, Barbara	PW Waste Management	
64			
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Chemical Spill Response Training by Sigma Consulting (Instructor: Chris Pappas)
Norfolk Session: Monday, October 3, 2016

✓71	James Harris	Waste Water Utilities	James Harris
✓72	Willie Dudley	Wastewater	Willie C. Dudley
✓73	Howard Meredith	Water Distribution	[illegible]
✓74	Maurice Wright	Waste Water	[illegible]
✓75	Lester K. Cherry	Water Dist	Lester K. Cherry
✓76	Mignonne Wint	Utilities Water Quality	Mignonne Wint
✓77	Latrelle Patten PATTON	Utilities Water Quality	Latrelle Patten
Duplicate 78	Jeff Barnette	PW Operations	[illegible] Also signed on Line 7
79			
80			

City of Norfolk - Public Works Operations
Environmental Storm Water Management

DRY WEATHER MONITORING - FY17

Date	Address or Intersection	Findings	Resolution Date	Resolution
02/20/17	5376 Kingswell Drive	No findings	No Need For Resolution	
02/20/17	5357 Greenplain Road	No findings	No Need For Resolution	
02/21/17	3745 Progress Road	No findings	No Need For Resolution	
02/21/17	1340 Azalea Garden Road	No findings	No Need For Resolution	
02/21/17	1169 N Military Highway	No findings	No Need For Resolution	
02/21/17	1201 N. Military Highway	No findings	No Need For Resolution	
02/21/17	5600 Lowery Road	No findings	No Need For Resolution	
02/21/17	1135 Lance Road	No findings	No Need For Resolution	
02/21/17	5671 Raby Road	No findings	No Need For Resolution	
02/21/17	1128 Lance Road	No findings	No Need For Resolution	
02/21/17	5585 Sabre Road	No findings	No Need For Resolution	
02/24/14	4840 Sewells Point Road	No findings	No Need For Resolution	
02/24/17	1400 Sewells Point Road	No findings	No Need For Resolution	
02/28/17	3375 Princess Anne Road	No findings	No Need For Resolution	
03/06/17	1200 E Onley Road	No findings	No Need For Resolution	
03/06/17	1420 Maltby Avenue	No findings	No Need For Resolution	
03/06/17	600 Church Street	No findings	No Need For Resolution	
03/07/17	552 Mowbray Arch	Standing water in Structure	3/8/2017	Tidal influenced. No blocks or sewage overflows were present. Returned at low tide. No issues were present.
03/10/17	1421 S Main Street	No findings	No Need For Resolution	
03/10/17	1832 Chruch street	No findings	No Need For Resolution	
03/10/17	1250 Bolton	No findings	No Need For Resolution	
03/13/17	7737 Hampton Boulevard	No findings	No Need For Resolution	
03/15/17	111 Orleans Street	No findings	No Need For Resolution	
03/16/15	9432 Willow Terrace	Foul Order coming from drain. Visual inspection indicated cloudy and sewage debris present.	3/20/201	The discharge has stopped and drain was clear of debris and oder.
03/22/17	6023 S. River Road	No findings	No Need For Resolution	
03/23/16	Princess Ann & Park Avenue	Sanitary sewer blockage. System failure on both SW and WW lines.	3/29/2017	Discharge was still Occurring and call was made to Utilities to resolve issue.
03/24/17	4601 mayflower road	Dry weather flow present- Tidally influenced	3/25/2017	Tidally influenced. No blocks or sewage overflows present.
03/29/17	Princess Ann & Park Avenue	Same as 3/23/17	4/6/2017	System Flushed; but new blockage occurred again. System not repaired.
04/06/17	Princess Ann & Park Avenue	Blockage reoccurred; System not repaired to date.	5/5/2017	No active discharge. Storm Water WO to repair SW line to eliminate bypass. All issues have been resolved.
05/03/17	1300 Monticello Avenue	No findings	No Need For Resolution	
05/04/17	12432 Queens way	No findings	No Need For Resolution	
05/05/17	930 Spotswood Avenue	No findings	No Need For Resolution	
05/09/15	Llewellyn Ave and 20th Street	Sanitary Sewer discharge through SW joint failure	5/10/2017	WW Blockage cleared and discharge stopped. Joint problem on SW line. WO to repair line will be issued to eliminate future discharges.
05/10/17	301 26th street	No findings	No Need For Resolution	
05/10/17	Corpew Ave & Bellmore Ave	Sanitary Sewer Blockage. Cracked WW PVC line runs through SW line.	5/10/2017	WW Blockage cleared. WW to be notified to install manhole structure and conduit around WW PVC and repair PVC crack.
05/25/17	6333 Center Drive	No findings	No Need For Resolution	
05/25/17	6353 Center Drive	No findings	No Need For Resolution	
05/25/17	6325 North Center Drive	No findings	No Need For Resolution	
05/25/17	814 Kempsville Road	No findings	No Need For Resolution	
05/30/17	7420 Granby Street	No findings	No Need For Resolution	
05/30/17	115 Lousiana Drive	No findings	No Need For Resolution	
05/30/17	7501 Granby Street	No findings	No Need For Resolution	
05/30/17	7549 Virginia Drive	No findings	No Need For Resolution	
05/30/17	211 E Little Creek Road	No findings	No Need For Resolution	
05/30/17	220 E Little Creek Road	No findings	No Need For Resolution	
05/30/17	7726 Granby Street	No findings	No Need For Resolution	
05/30/17	7712 Granby street	No findings	No Need For Resolution	
05/30/17	7623 Granby Street	No findings	No Need For Resolution	
05/30/17	1157 Production Road	No findings	No Need For Resolution	
05/30/17	4530 E Virginia Beach Boulevard	No findings	No Need For Resolution	

THE CITY OF NORFOLK
PUBLIC WORKS

VDOT MS4 Coordination Meeting
May 9, 2017 @ 10:30am
2233 McKann Avenue, Norfolk, VA 23509

VDOT Representatives
Chris Swanson, P.E. – State MS4/Stormwater Management Engineer
Tracey Harmon – TMDL Program Planner
Scott Crafton – MS4 Program Manager
Michelle E. Fults, GISP – MS4 Data Analyst
Jennifer Dail – MS4 Program Coordinator
Andrew Scott – District Hydraulic Engineer

Norfolk Representatives
June Whitehurst – Environmental Programs Manager
Justin Shafer – Environmental Engineer
Kyle Quick – Environmental Specialist II

Meeting Minutes

- Interconnectivity / Mapping – City of Norfolk provided to VDOT the GIS overlay of the MS4 system along with VDOT exclusions. The City explained that any land owned by VDOT in the City's parcel information was assumed to be included in the VDOT MS4 inventory; therefore the City excluded this portion from the City's MS4. VDOT agreed with this assumption and, also, included an area 5' on either side of the VDOT Right-of-way. VDOT explained that they have mapped their outfall areas per their MS4 permit requirements. VDOT will review the parcel data set to identify areas where the City system and VDOT system overlap. VDOT will also provide the VDPT BMP inventory to the City of Norfolk for opportunity for future partnerships. VOT will identify/confirm the date of the parcel data used by VDOT to develop their MS4 service areas. VDOT will also calculate the difference in service area that VDOT has determined is their MS4 and Norfolk has identified as VDOT MS4. VDOT will also geoprocess Norfolk's GIS data to identify the areas where Norfolk has identified Norfolk structures on VDOT land.
- Operations & Maintenance- There are several locations throughout the City where the City's storm water system and VDOT is interconnected. For maintenance in these areas, City Operations will coordinate with VDOT when maintenance problems or concerns are identified. The City has implemented a storm water structure maintenance program in April 2017. During this process, the City will inspect storm water structures for GIS mapping updates, dry weather monitoring, VPDES Industrial outfall inspections, and maintenance needs. If during this process, problems are identified with VDOT systems, they will be notified immediately. Installation and maintenance of structural BMPs in the ROW were discussed. If VDOT is installing a BMP that will be turned over to the City of Norfolk for future maintenance, the City Operations needs to review to ensure that the maintenance can be performed in house. City Operations does not prefer filtered MTD BMPs in the ROW due to the number of maintenance problems they cause including (1) Confined Space Requirements, (2) Major Traffic Control, (3) Priority Media purchase, and (4) Lack of staff training on long term maintenance of these devices.

- Chesapeake Bay TMDL – At this time, the City is required to complete the TMDL Action Plan by June 2018. However, the City has identified the projects that will be utilized to meet the first 5%. None of these projects impact the VDOT MS4. However, VDOT owns a small piece of land near the City's Hague Project; if the VDOT property is impacted or there is opportunity to partner with VDOT, that will be discussed during design. VDOT mentioned the potential for future partnership with the 256-64 exchange that drains military highway. The City is currently able to meet TMDL requirements for 2/3 of the City through the HRSD SWIFT program and plans to utilize this for future permit requirements pending DEQ and EPA approval. Little Creek Watershed is the primary focus of the City to address TMDL requirements.
- Other TMDL Action Plans – The City of Norfolk currently has the Bacteria TMDL for the Elizabeth River. At this time, VDOT is not identified as a source for this TMDL. The City has until June 2018 to develop this Action Plan. The City intends to do some source tracking and public outreach to address this TMDL. Future TMDL coordination, such as PBC TMDLs, will be coordinated during future meetings.
- IDDE – The City will establish criteria for notifying VDOT in case there is an illicit discharge or any other environmental concerns associated with the system interconnectivity. The procedure will be established in the City's SOP for IDDE.
- Water Quality Monitoring – The City does not currently monitor in areas where there is physical interconnectivity with VDOT. Dry Weather monitoring is completed through the City infrastructure inspection program. Any unusual IDDE concerns will be brought to VDOT's attention. The City's Street Sweeping study will be made available to VDOT upon request.

August 2017

Annual Report: In-system Wet Weather Stormwater Monitoring Program

Introduction

In order to characterize nutrient and sediment concentrations related to urban stormwater, the six Phase I MS4 localities within Hampton Roads, in partnership with the U.S. Geological Survey (USGS) and the Hampton Roads Sanitation District (HRSD), created a regional stormwater monitoring network. This network is dual-purposed, simultaneously addressing local water quality issues and fulfilling MS4 permit requirements, while providing useful data to support Chesapeake Bay Program modeling efforts. The Chesapeake Bay Program's watershed model is responsible for estimating loads of total nitrogen (TN), total phosphorus (TP), and total suspended solids (TSS) throughout the Bay watershed. However, there are no calibration stations within the Coastal Plain, and therefore no verifiable loading rates of these compounds. By providing high frequency and high quality data through the USGS quality control and quality assurance framework, the Hampton Roads region will be well-represented with accurate estimates of loading rates for future phases of the model. This report was developed to fulfill the requirements stated in the Phase I localities' MS4 permits.

Monitoring Network

The six Phase I MS4 localities (Chesapeake, Hampton, Newport News, Norfolk, Portsmouth, and Virginia Beach) participate in the Hampton Roads Regional Water Quality Monitoring Program (RWQMP). Each locality has two monitoring sites, draining land between 3 and 30 acres with no tidal water influence, that represent a range of urban land uses including high-density residential, single-family residential, and commercial/industrial (Fig. 1; Table 1). Site selection was also based on the goal of having very few, if any, best management practices (BMPs) upstream of the sampling

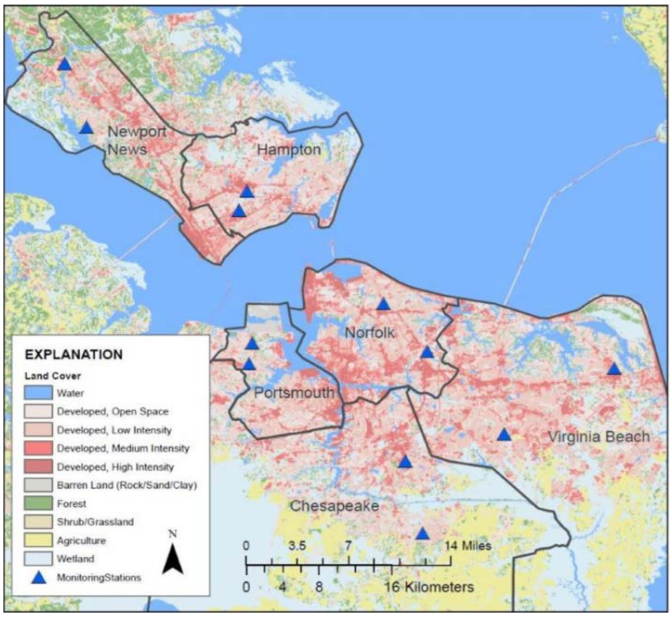

Figure 1. Locations of the 12 water quality monitoring stations, overlaid on land cover, in Hampton Roads, VA.

area. By characterizing the range in loadings that are typical of a given land-use type that do not yet have BMPs implemented, variability can be assessed within land use types, and meaningful comparisons can be developed between the three dominant land use types in the region. This should significantly enhance the understanding of how management activities can be directed efficiently.

Table 1. Locality names, station names, and land use types for all localities participating in the monitoring program.

Locality	Station Name	Land Use Type
Chesapeake	Professional Place	Commercial
Chesapeake	Ramsgate Lane	Single-family Residential
Hampton	Coliseum Drive	Commercial
Hampton	Garrett Drive	Single-family Residential
Newport News	Lakewood Park Drive	Single-family Residential
Newport News	Rivers Ridge Circle	High Density Residential
Norfolk	Sheppard Avenue	Single-family Residential
Norfolk	USAA Drive	Commercial
Portsmouth	Craneybrook Lane	High Density Residential
Portsmouth	Daisy Drive	Single-family Residential
Virginia Beach	Lindsley Drive	High Density Residential
Virginia Beach	Ludlow Drive	Single-family Residential

Operation of the monitoring network is the joint responsibility of USGS and HRSD. Data collection is supervised by the USGS Virginia Water Science Center to ensure that data quality meets the requirements established by USGS. Discrete sample collection and analysis plus system maintenance are conducted by HRSD's Central Environmental Laboratory (CEL) while data analysis, interpretation, and reporting are conducted by USGS. All 12 stations collect real-time, high frequency data including flow (stage, velocity, and discharge), turbidity, specific conductance, and water temperature. Discrete samples for nutrients and sediments are taken during storm events over a range of flows and for quarterly baseflow sampling. Nutrient concentrations consist of measurements of TN, total Kjeldahl nitrogen (TKN), organic nitrogen,

nitrate + nitrite, ammonia + ammonium, TP, and orthophosphate. Sediments are measured as TSS.

Monitoring Protocols

Each station is equipped with a continuous flow meter, a water quality sonde for continuous water quality monitoring, a refrigerated automated sampler for the collection of stormwater water quality samples, an internal data logger for recording and storing all measured values, a satellite telemetry unit to transmit data hourly, a power system supporting all components (AC power with battery backup), and a ruggedized housing that protects all equipment (Fig. 2). Continuous flow is measured at 5 minute intervals and flow meters are connected to the data logger and satellite telemetry system to provide data in near real time. Instruments are operated in accordance to manufacturer guidance, and USGS guidance (see http://water.usgs.gov/osw/pubs.html). Continuous water quality monitors measure water temperature, specific conductance, and turbidity and are operated in accordance to standard protocol (Wagner et al. 2006).



Figure 2. Ruggedized housing and components present at each stormwater monitoring station.

Discrete sampling for nutrients and sediment are triggered by the datalogger when stormflow conditions exist (as indicated by flow and water quality conditions). Samples are retained in the refrigerated sampler (≤ 6°C) until retrieved by HRSD field staff. Samples are retrieved within 24 hours of collection, transported in coolers (≤ 6°C), and delivered to the laboratory for preservation and analysis. The analytes measured have defined laboratory methods within 40 CFR Part 136 and TN is calculated as the sum of TKN and nitrate + nitrite. Detailed standard operating procedures for nutrient and sediment analysis are maintained at HRSD's CEL and available upon request.

All data collected for this monitoring program, including continuous time series data and discrete sample data, is retained in the USGS National Water Information System (NWIS) and made publicly available online via NWISweb (http://waterdata.usgs.gov/HRStormwater). Continuous data from the flow meter and water quality monitors are transmitted via GOES satellite hourly and uploaded directly into NWIS via automated processes. These data are made publicly available on NWISweb within minutes of the hourly transmission. Discrete sample data is entered into the Laboratory Information Management System (LIMS) at HRSD. These data are electronically transferred monthly to USGS for entry into NWIS, at which time they are publicly accessible via NWISweb.

Results

Monitoring station installation began in April 2015 with all stations on-line and collecting data by December 2016. Between July 1, 2016 and June 30, 2017, a total of 547 discrete sampling events were logged, inclusive of baseline and event-triggered sampling and thousands of continuous monitoring data points have been collected and evaluated. In addition, meteorological data was collected from the Norfolk International Airport and from rain gauges throughout the region. Annual precipitation in 2016 was greater than years previous (Fig. 3), thus results interpreted from this snapshot in time will have higher than normal discharges and loads.

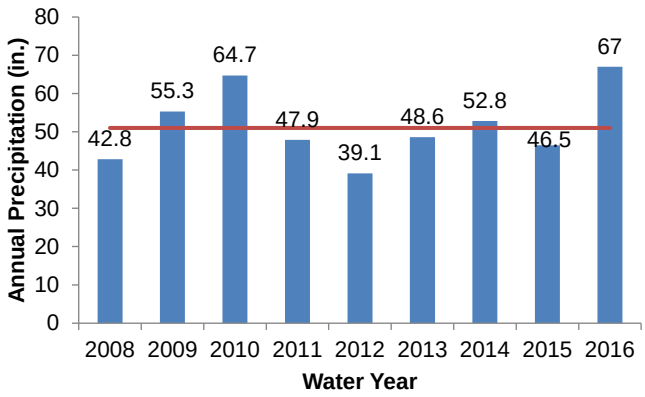

Figure 3. Total annual precipitation from Norfolk International Airport (NOAA) for water years 2008-2016 (blue bars) and the 10 year mean (red line).

Total annual discharges were highest at the commercial sites, followed by high density residential, and single family residential (Fig. 4). Commercial sites had the greatest amount of impervious surface compared to other land use types which were comprised more of turf grass and tree cover. Not unexpectedly, seasonal temperature variations were consistent between sites (Fig. 5).

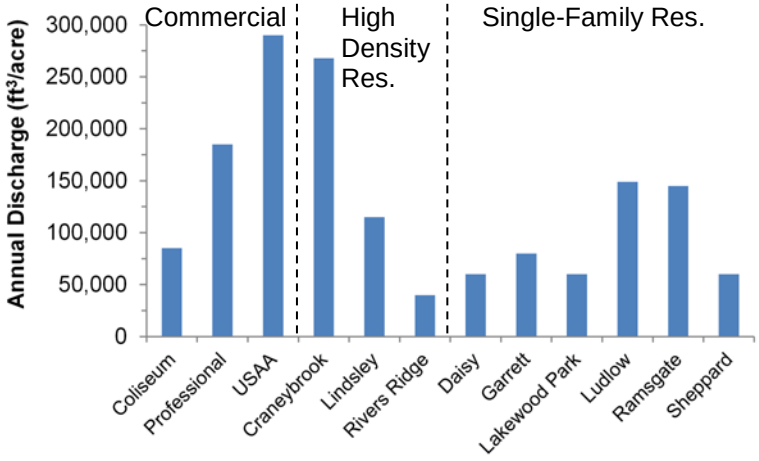

Figure 4. Total annual discharge at each site, grouped by land use.

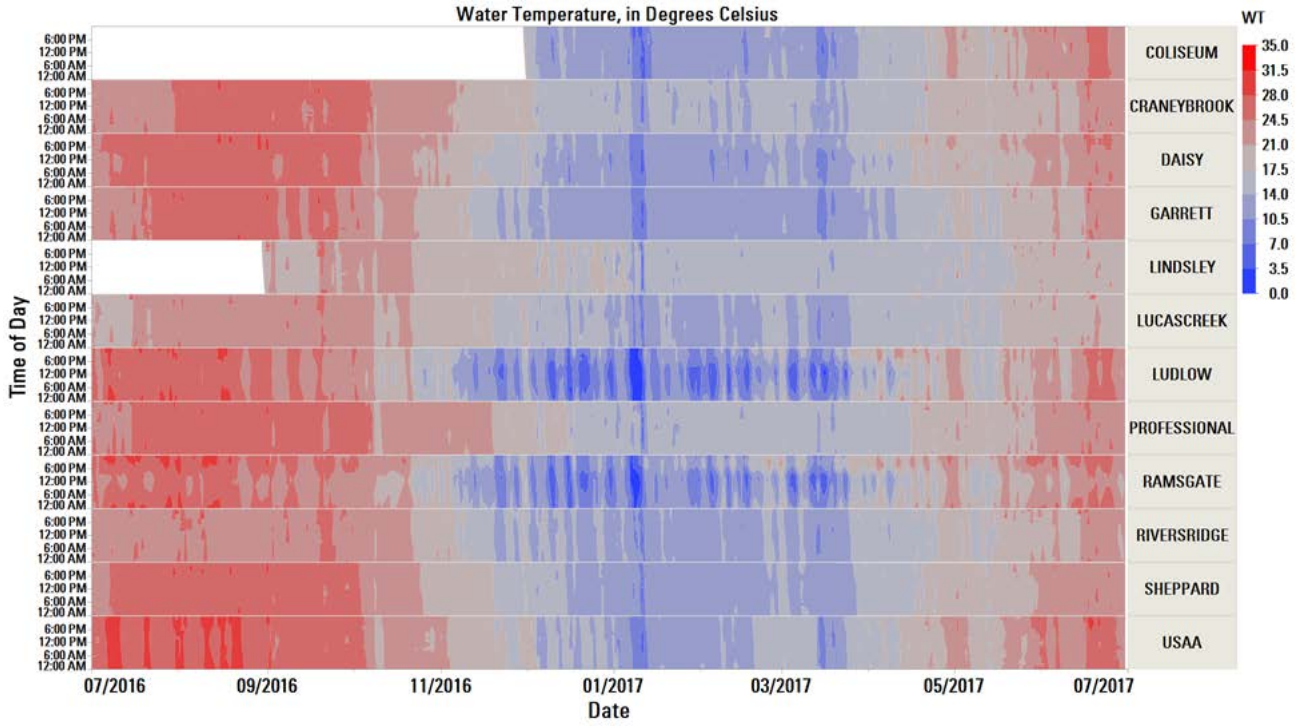

Figure 5. Daily temperature (°C) at 5 minute intervals for each site between July 1, 2016 and June 30, 2017.

TN concentrations were significantly different between land use types on average, and were greatest for single family residential land use (Fig. 6A). Nitrate + nitrite concentrations were greatest in high density and single family residential land uses compared to commercial (Fig. 6B). Organic nitrogen tracked with TN concentrations (Fig. 6C). There were no significant differences between ammonia + ammonium concentrations and land use (Fig. 6D). The bulk of the N pool was comprised of organic N (Fig. 7).

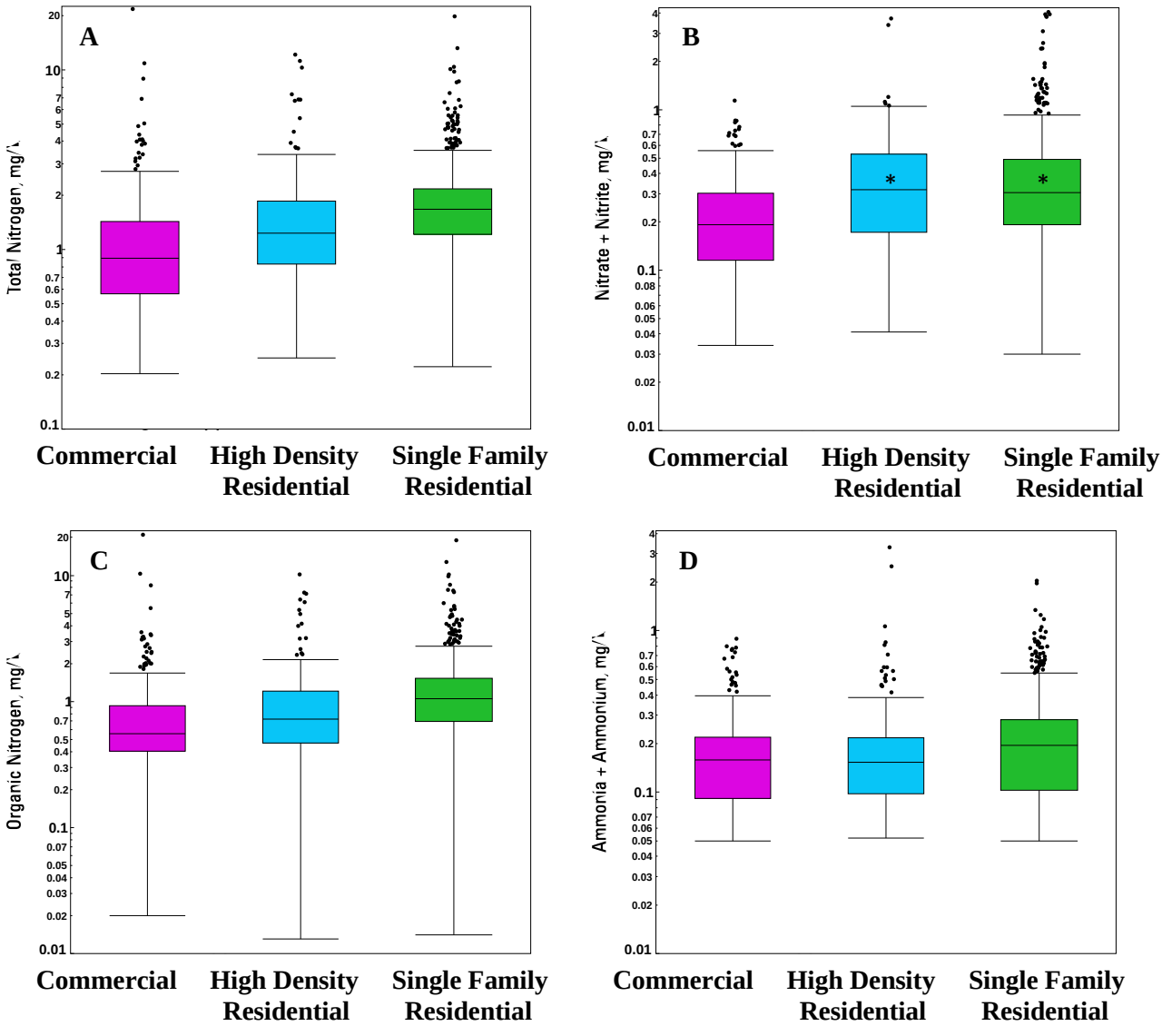

Figure 6. Box and whisker plots of concentrations (mg/L, log scale) of TN (A), nitrate + nitrite (B), organic N (C), and ammonia + ammonium (D) for the three land use types for July 1, 2016 – June 30, 2017. Outliers (black dots) denote concentrations outside error bars from higher discharge events. Median values are statistically different unless denoted with an asterisk (*).

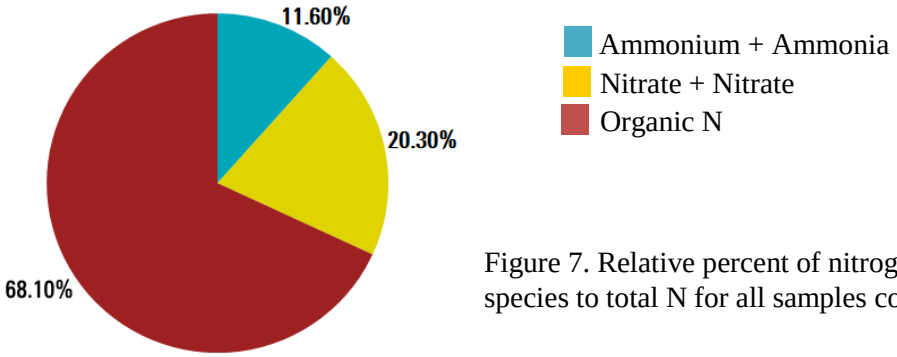

Figure 7. Relative percent of nitrogen species to total N for all samples collected.

TP and orthophosphate concentrations were also significantly greater for single family residential land uses compared to commercial and high density residential land uses (Fig. 8A & 8B). There was no significant difference in TSS concentrations among sites (Fig. 9). Outliers in all plots, denoted by black dots, are a result of higher discharge events occurring outside of the highest interquartile (> 75th percentile).

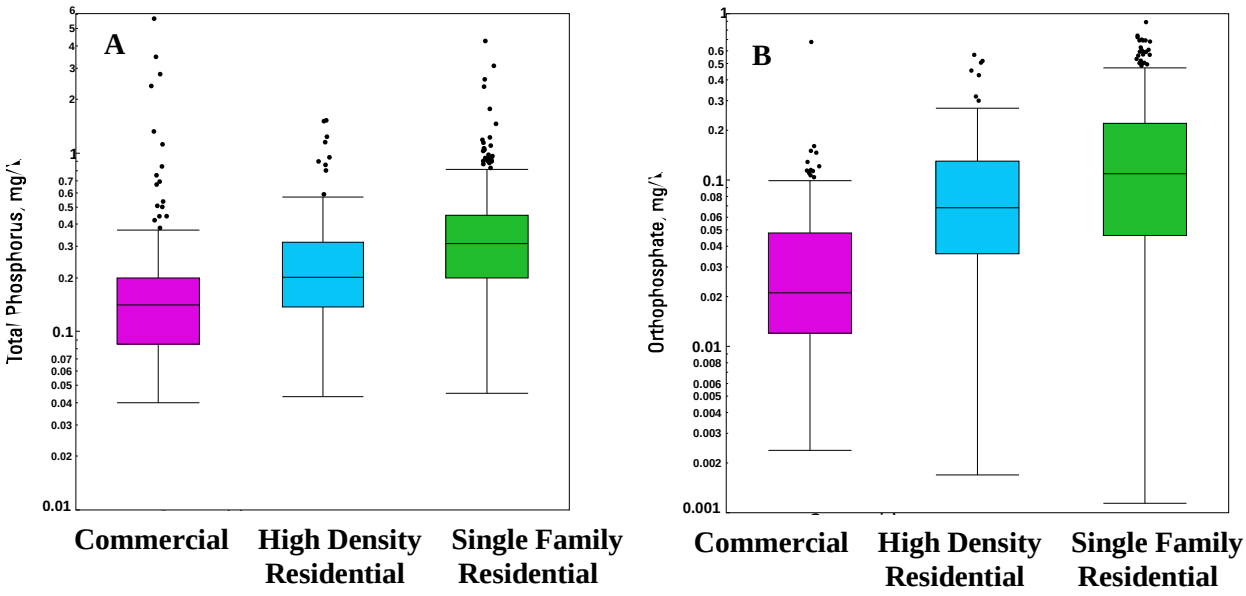

Figure 8. Box and whisker plots of concentrations (mg/L, log scale) of TP (A), and orthophosphate (B) for the three land use types for July 1, 2016 – June 30, 2017. Outliers (black dots) denote concentrations outside error bars from higher discharge events. Median values are statistically different.

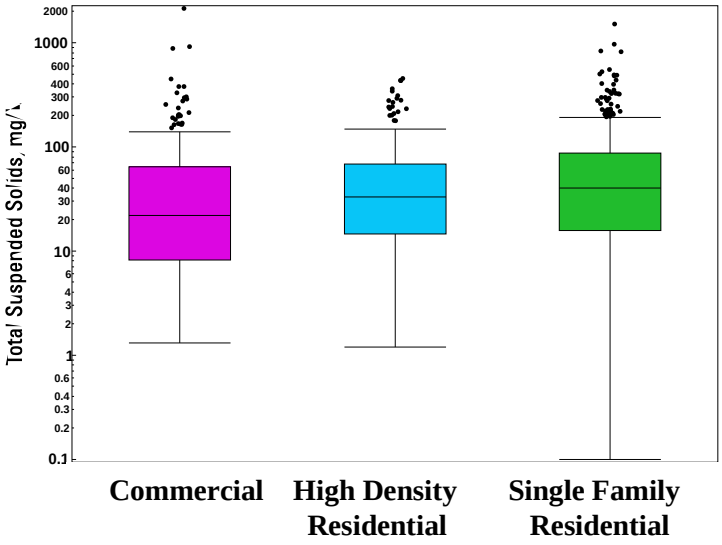

Figure 9. Box and whisker plots of TSS concentrations for the three land use types for July 1, 2016 – June 30, 2017. Outliers (black dots) denote concentrations outside error bars from higher discharge events. Median values are significantly different.

Discussion

While long term trends and loading rates cannot be established at this time, nutrient concentration variability among land use types is evident for this first year of data. Higher concentrations of nutrients from single family and high density residential land uses compared to commercial land uses suggests higher urban fertilizer usage per acre in those areas. However, other nutrient sources must be considered, as a P ban has been enacted in VA for urban fertilizer, and the bulk of TN in the samples was organic N. The presence of the high fraction of organic N is likely due to low flushing in some areas, resulting in accumulation of organic material. Conversely, TSS did not vary from site to site, and in a preliminary comparison to other monitoring programs across the state conducted by the USGS, TSS concentrations were lower in the Coastal Plain. It is important to note that there are a wide range of concentrations for all constituents at all sites, related to the flashiness of these systems in response to storm events. Additionally, higher concentrations at higher density land uses may not translate into similarly high loads, because drainage acreage and the degree of imperviousness of the land dictate the volume of water delivered to the stormwater system (Schueler, 1994, Schueler, 2009).

A variety of factors will impact the amount of nutrients or sediments in urban runoff, including antecedent rain events, rain duration and total volumes, storm frequency, time of year, and of course land use (Brezonik & Stadelmann, 2002; Sonzogni et al., 1980). Over this first

year, it was evident that several individual storms can account for a large amount of annual discharge, which could translate to high loads in a short time frame. As an example at one site, three storms accounted for nearly 50% of the total annual flow, translating to 65% of the annual sediment load. In typical stream systems, and on average in this stormwater monitoring program, 90% of the time flow is equal to or less than 1 ft^3/s. Flows greater than that only occur 10% of the time and are mostly related to larger storm events. It is the goal of this monitoring program to factor in storm variability, base flow, and land use type over an extended period of time to establish demonstrable loading rates in the Coastal Plain. This will provide valuable data to a future version of the Chesapeake Bay watershed model (Phase 7) and contribute to current calibrations of the Phase 6 model. Over the course of the next few years, localities will continue to collaborate with USGS and HRSD to collect data and evaluate loading rates over the long term.

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