



Tennessee Department of Environment and Conservation  
 Division of Water Resources  
 William R. Snodgrass Tennessee Tower,  
 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243  
 1-888-891-8332 (TDEC)

Phase II Small Municipal Separate Storm Sewer System (MS4) Annual Report

1. MS4 Information

Name of MS4: City of Oak Ridge		MS4 Permit Number: TN088366
Contact Person: Amy Snyder		Email Address: <a href="mailto:asnyder@oakridgetn.gov">asnyder@oakridgetn.gov</a>
Telephone: (865) 425-1829		MS4 Program Web Address: <a href="http://stormwater.oakridgetn.gov/">http://stormwater.oakridgetn.gov/</a>
Mailing Address: PO Box 1		
City: Oak Ridge	State: TN	ZIP code: 37831-0001

What is the current population of your MS4? 29,419

What is the reporting period for this annual report? July 1 2019 to June 30 2020

2. Discharges to Waterbodies with Unavailable Parameters or Exceptional Tennessee Waters (Section 3.1)

- A. Does your MS4 discharge into waters with unavailable parameters (previously referred to as impaired) for pathogens, nutrients, siltation or other parameters related to stormwater runoff from urbanized areas as listed on TN's most current 303(d) list and/or according to the on-line state GIS mapping tool ([tdeconline.tn.gov/dwr/](http://tdeconline.tn.gov/dwr/))? If yes, attach a list.  Yes  No
- B. Are there established and approved TMDLs (<http://www.tn.gov/environment/article/wr-ws-tennessees-total-maximum-daily-load-tmdl-program>) with waste load allocations for MS4 discharges in your jurisdiction? If yes, attach a list.  Yes  No
- C. Does your MS4 discharge to any Exceptional Tennessee Waters (ETWs - [http://environment-online.tn.gov:8080/pls/enf\\_reports/f?p=9034:34304:4880790061142](http://environment-online.tn.gov:8080/pls/enf_reports/f?p=9034:34304:4880790061142))? If yes, attach a list.  Yes  No
- D. Are you implementing specific Best Management Practices (BMPs) to control pollutant discharges to waterbodies with unavailable parameters or ETWs? If yes, describe the specific practices: To reduce sediment/erosion/habitat alteration, the City requires all non-residential, new developments to install infiltration/evapotranspiration/recapture-reuse SCMs for the first 1 inch of rainfall, and post-development flows must be equal to or less than pre-development flows for one acre of disturbance or greater. The City must approve all residential and non-residential land disturbing activities regardless of size. Permittees must install and maintain EPSCs and apply final stabilization within 15 days, regardless of acreage disturbed. Hot Spot locations have been identified and dry weather screening is performed in tributaries of Hot Spots, as well as in their receiving waterbodies with unavailable parameters. Additional educational BMPs have been implemented in Hot Spot locations for pollution prevention. Street sweeping is performed regularly. We have increased municipal training and have included education on illicit discharge identification for field crews. Oak Ridge assists homeowners with the cost of replacing failing common lateral sewer lines which reduces bacteria into waterbodies with unavailable parameters.  Yes  No

3. Public Education/Outreach and Involvement/Participation (Sections 4.2.1 and 4.2.2)

- A. Have you developed a Public Information and Education plan (PIE)?  Yes  No
- B. Is your public education program targeting specific pollutants and sources, such as Hot Spots? If yes, describe the specific pollutants and/or sources targeted by your public education program: The PIE plan was updated this annual reporting year to better reflect the COR growing public education program. The PIE plan targets siltation, pathogens, yard waste, litter, nutrients, household hazardous waste, chemicals/pesticides, and illicit discharges. A few of the target groups (potential sources of pollution) include homeowners, developers, construction workers, engineers, professional chemical applicators, hot spots owners, SCM owners/HOAs, and municipal employees. The PIE plan also targets the general public, schools, environmental groups, and community organizations to work together on collaborative opportunities for water quality awareness and building environmental stewardship. The PIE plan describes a variety of educational materials and methods used to distribute information that would be effective and efficient to each target group. Outreach efforts towards the target groups include speaking engagements, workshops, training and teaching; media and brochure distribution; and community collection events. There are also a variety of interventions made through social media, public newsletters, educational videos, displays, website publications, and tabling events. Volunteer events are offered throughout the year to promote awareness of water quality and empower citizens to make improvements to their water resources.  Yes  No
- C. Do you have a webpage dedicated to your stormwater program? If yes, provide a link/URL: <http://stormwater.oakridgetn.gov/>  Yes  No
- D. Summarize how you advertise and publicize your public education, outreach, involvement and participation opportunities: Regular advertising for opportunities include posting on the Stormwater website, City website, social media, City Newsletter, and flyers on community boards. Some opportunities are communicated through workshops, training and teaching opportunities, presentations/speaking engagements, brochure distribution, public display boards, educational videos/PSAs, and communication during tabling events. This year the City cancelled the stormwater Facebook and Instagram pages, but opportunities are still being utilized through the City's social media pages. We hope to gain a larger audience by posting directly on the City's social media platforms.
- E. Summarize the public education, outreach, involvement and participation activities you completed during this reporting period: See attachment ITEM 3E
- F. Summarize any specific successful outcome(s) (e.g., citizen involvement, pollutant reduction, water quality improvement, etc.) fully or partially attributable to your public education and participation program during this reporting period: Due to COVID-19 restrictions, some public education and participation activities that involved social gatherings were limited or cancelled all together. Instead, workshops, brochure and flyer distribution; and other creative ways to share educational information were created. Overall, we increased our brochure and flyer distribution; and created a new newsletter to send out to our volunteer list, which we believe helped to bring successful outcomes. A total of 10 illicit discharges were reported by either phone or by the COR's pollution hotline. This number doubled from our last annual reporting year. Education for public school students continues to be of strong interest to the community and totaled 262 students who were taught at least one water quality lesson for the reporting year. A floatables reduction initiative took place during our annual Clean the Clinch event with more than 20 volunteers from the community removing over 30 large bags of trash from 9 acres of public land and 2.3 miles along the Clinch River. A new workshop was held at the UT Arboretum, which included a raingarden presentation, as well as a stormwater presentation; 55 people attended. We also held a rain barrel sales event for homeowners which included educational flyers on best management practices. The event was very successfully with 44 barrels sold and 34 flyers distributed.

4. Illicit Discharge Detection and Elimination (Section 4.2.3)

- A. Have you developed and do you continue to update a storm sewer system map that shows the location of system outfalls where the municipal storm sewer system discharges into waters of the state or conveyances owned or operated by another MS4?  Yes  No
- B. If yes, does the map include inputs into the storm sewer collection system, such as the inlets, catch basins, drop structures or other defined contributing points to the sewershed of that outfall, and general direction of stormwater flow?  Yes  No
- C. How many outfalls have you identified in your storm sewer system? 2,100 outfalls have been identified, but not all of them have been differentiated between public and private at this time.
- D. Do you have an ordinance, or other regulatory mechanism, that prohibits non-stormwater discharges into your storm sewer system?  Yes  No
- E. Have you implemented a plan to detect, identify and eliminate non-stormwater discharges, including illegal disposal, throughout the storm sewer system? If yes, provide a summary: The COR has a Stormwater Management Ordinance, and an Enforcement Reponse Plan to eliminate non-stormwater discharges. The COR has developed a Dry Weather Screening SOP, a Hot Spot Map, and a Detection Plan Map to identify potential illicit discharges. The Detection Plan Map displays outfalls to be screened by watershed, which is futher broken down into yearly goals prioritized by Hot Spot locations within each smaller watershed. A total of 231 outfalls were screened during this reporting period, and a total of 407 have been screened for this permit cycle. All outfalls screened were located within the COR MS4, but not all have been differentiated between public and private.  Yes  No
- F. How many illicit discharge related complaints were received this reporting period? 10
- G. How many illicit discharge investigations were performed this reporting period? 11
- H. Of those investigations performed, how many resulted in valid illicit discharges that were addressed and/or eliminated? 8

5. Construction Site Stormwater Runoff Pollutant Control (Section 4.2.4)

- A. Do you have an ordinance or other regulatory mechanism requiring:
- Construction site operators to implement appropriate erosion prevention and sediment control BMPs consistent with those described in the TDEC EPSC Handbook?  Yes  No
- Construction site operators to control wastes such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste?  Yes  No
- Design storm and special conditions for unavailable parameters waters or Exceptional Tennessee Waters consistent with those of the current Tennessee Construction General Permit (TNR100000)?  Yes  No
- B. Do you have specific procedures for construction site plan (including erosion prevention and sediment BMPs) review and approval?  Yes  No
- C. Do you have sanctions to enforce compliance?  Yes  No
- D. Do you hold pre-construction meetings with operators of priority construction activities and inspect priority construction sites at least monthly?  Yes  No

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- E. How many construction sites disturbing at least one acre or greater were active in your jurisdiction this reporting period? 14
- F. How many active priority and non-priority construction sites were inspected this reporting period? We consider all construction sites one acre or greater as priority sites for inspections, however, only one site contained a stream with unavailable parameters. The Preconstruction Meeting SOP was updated this year to better distinguish priority and non-priority construction sites.
- G. How many construction related complaints were received this reporting period? 0 complaints from construction sites over one acre (with CGP permits), 5 complaints for sites under one acre.

6. Permanent Stormwater Management at New Development and Redevelopment Projects (Section 4.2.5)

- A. Do you have a regulatory mechanism (e.g. ordinance) requiring permanent stormwater pollutant removal for development and redevelopment projects? If no, have you submitted an Implementation Plan to the Division?  Yes  No  
 Yes  No
- B. Do you have an ordinance or other regulatory mechanism requiring:
  - Site plan review and approval of new and re-development projects?  Yes  No
  - A process to ensure stormwater control measures (SCMs) are properly installed and maintained?  Yes  No
  - Permanent water quality riparian buffers? If yes, specify requirements: Streams or other waters with drainage areas less than 1 square mile require buffer widths of 30 ft minimum. Streams or other waters with drainage areas greater than 1 square mile require buffer widths of 60 ft minimum, which can be established on an average width basis as long as the minimum width is more than 30 ft at any measured location.  Yes  No
- C. What is the threshold for development and redevelopment project plans plan review (e.g., all projects, projects disturbing greater than one acre, etc.)? all projects
- D. How many development and redevelopment project plans were reviewed for this reporting period? 280 residential lot projects, 21 nonresidential projects approved (6 CGP permits). Note: Some projects have been delayed their original start date due to COVID-19.
- E. How many development and redevelopment project plans were approved? All projects plans mentioned above were approved, however, some required revisions/modifications prior to approval.
- F. How many permanent stormwater related complaints were received this reporting period? 1
- G. How many enforcement actions were taken to address improper installation or maintenance? None needed. If installation is improper, the permanent C.O./bond will be withheld until constructed properly.
- H. Do you have a system to inventory and track the status of all public and private SCMs installed on development and redevelopment projects?  Yes  No
- I. Does your program include an off-site stormwater mitigation or payment into public stormwater fund? If yes, specify. The COR ordinance states: "For projects that cannot meet 100% of the runoff reduction measures, the City Manager or designee may allow runoff reduction measures to be implemented at another location within the same USGS 12-digit hydrologic unit code as the original project. Off site mitigation must be a minimum of 1.5 times the amount of water not managed on site" City of Oak Ridge Stormwater Management Ordinance Section 14-505(f). Please note, the City of Oak Ridge has not implemented this part of the program.  Yes  No

7. Stormwater Management for Municipal Operations (Section 4.2.6)

A. As applicable, have stormwater related operation and maintenance plans that include information related to maintenance activities, schedules and the proper disposal of waste from structural and non-structural stormwater controls been developed and implemented at the following municipal operations:

- |  |   |  |
|--|---|--|
| Streets, roads, highways?                              | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Municipal parking lots?                                | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Maintenance and storage yards?                         | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| Fleet or maintenance shops with outdoor storage areas? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| Salt and storage locations?                            | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| Snow disposal areas?                                   | <input type="checkbox"/> Yes            | <input type="checkbox"/> No            |
| Waste disposal, storage, and transfer stations?        | <input type="checkbox"/> Yes            | <input type="checkbox"/> No            |

B. Do you have a training program for employees responsible for municipal operations at facilities within the jurisdiction that handle, generate and/or store materials which constitute a potential pollutant of concern for MS4s?  Yes  No

If yes, are new applicable employees trained within six months, and existing applicable employees trained and/or retrained within the permit term?  Yes  No

8. Reviewing and Updating Stormwater Management Programs (Section 4.4)

A. Describe any revisions to your program implemented during this reporting period including but not limited to:

Modifications or replacement of an ineffective activity/control measure. none

Changes to the program as required by the division to satisfy permit requirements. TDEC performed an audit of the COR Stormwater Management Program on January 29-30, 2020, and the City submitted a Corrective Action Plan to address the issues found during the audit. Most of these issues were corrected immediately as stated in the submitted Plan. In June 2020, the City corrected the erosion occurring at the east end of the fuel station by repairing the detention basin. Before COVID-19, the City gathered options to address the pollutants found in the vehicle wash bay material accumulation, but has been unable to implement the changes due to COVID-19 and a position vacancy. The City has filled the vacancy as of 9-21-20, and will soon revisit the disposal method options to correct this issue. Also before COVID-19, School Maintenance received quotes to address the staining under the school buses, however, during the pandemic they were unable to fund the clean-up as planned. They are currently in the process of re-submitting quotes during this fiscal year. Additionally the new permitting software to streamline the construction inspection process has been delayed until spring. The O&M Plans for Municipal Parking Lots and Streets, Roads, and Highway is on track to be completed by December as stated on the Corrective Action Plan.

Information (e.g. additional acreage, outfalls, BMPs) on newly annexed areas and any resulting updates to your program. No new outfalls or acreage have been added to the program, including the former K-25 site also known as the East TN Technology Park (ETTP).

- B. In preparation for this annual report, have you performed an overall assessment of your stormwater management program effectiveness? If yes, summarize the assessment results, and any modifications and improvements scheduled to be implemented in the next reporting period. This reporting year, the City has developed a Program Assessment tool to help identify deficiencies in the Stormwater Management Program. This tool uses a scoring system for each minimal control measure as well as an overall program effectiveness score. This annual reporting year achieved a total score of 67%. We plan to continue to modify and improve this new tool during the next reporting period, as well as continue to find creative ways to meet our public participation metrics in the time of the COVID-19 pandemic. We will also continue developing our new permitting software, which will streamline our inspection process. One additional staff member has been hired to help implement the construction and good housekeeping/pollution prevention program.

Yes       No

9. Enforcement Response Plan (Section 4.5)

A. Have you implemented an enforcement response plan that includes progressive enforcement actions to address non-compliance, and allows the maximum penalties specified in TCA 68-221-1106? If no, explain.  Yes  No

B. As applicable, identify which of the following types of enforcement actions (or their equivalent) were used during this reporting period; indicate the number of actions, the minimum measure (e.g., construction, illicit discharge, permanent stormwater management), and note those for which you do not have authority:

<u>Action</u>	<u>Construction</u>	<u>Permanent Stormwater</u>	<u>Illicit Discharge</u>	<u>In Your ERP?</u>
Verbal warnings	<u>#14 issued for sites over 1 acre; 30 issued for sites under 1 acre</u>	<u>#1</u>	<u>#3</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Written notices	<u>#6 issued for sites over 1 acre</u>	<u>#0</u>	<u>#3</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Citations with administrative penalties	<u>#3 issued for sites under 1 acre</u>	<u>#0</u>	<u>#0</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Stop work orders	<u>#2 issued for sites under 1 acre</u>	<u>#0</u>	<u>#0</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Withholding of plan approvals or other authorizations	<u>#1 permit withheld for sites over 1 acre; 17 for sites under 1 acre</u>	<u>#0</u>	<u>#0</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Additional Measures	<u>#2 referred to TDEC for over 1 acre; #2 referred to TDEC for sites under 1 acre</u>	<u>#0</u>	<u>#2 Educational material provided and #1 referral to TDEC</u>	Describe: <u>Door hangers distributed for two different issues with unknown violators for dumping and improper disposal of grease. Creek discoloration referred to TDEC.</u>

C. Do you track instances of non-compliance and related enforcement documentation?  Yes  No

D. What were the most common types of non-compliance instances documented during this reporting period? Improper EPSC installation/maintenance, site assessment not conducted, sediment pond issues, dumping, ARAP issues referred to TDEC.



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Knoxville	3711 Middlebrook Pike	Knoxville	37921	(865) 594-6035
Memphis	8383 Wolf Lake Drive	Bartlett	38133	(901) 371-3000
Nashville	711 R S Gass Boulevard	Nashville	37216	(615) 687-7000

ITEM 2A

Lower Clinch River "Final 2020 List, 303(d) List"

Waterbody ID	Impacted Waterbody	County	Water Type	Water size	Cause Name	TMDL Priority	Source Name
TN06010207026_1000	East Fork Poplar Creek	Roane County	RIVER	9.7	Nitrate/Nitrite (Nitrite + Nitrate as N)	L	Municipal Point Source Discharges
TN06010207026_1000	East Fork Poplar Creek	Roane County	RIVER	9.7	Nitrate/Nitrite (Nitrite + Nitrate as N)	L	Municipal (Urbanized High Density Area)
TN06010207026_1000	East Fork Poplar Creek	Roane County	RIVER	9.7	Phosphorus (Total)	L	Municipal (Urbanized High Density Area)
TN06010207026_1000	East Fork Poplar Creek	Roane County	RIVER	9.7	Phosphorus (Total)	L	Municipal Point Source Discharges
TN06010207026_1000	East Fork Poplar Creek	Roane County	RIVER	9.7	Sedimentation/Siltation	L	Municipal (Urbanized High Density Area)
TN06010207026_1000	East Fork Poplar Creek	Roane County	RIVER	9.7	Escherichia coli	NA	Municipal (Urbanized High Density Area)
TN06010207026_1000	East Fork Poplar Creek	Roane County	RIVER	9.7	Escherichia coli	NA	Sanitary Sewer Overflows (Collection System Failures)
TN06010207026_2000	East Fork Poplar Creek	Roane County	RIVER	11.3	Nutrients	L	Municipal (Urbanized High Density Area)
TN06010207026_2000	East Fork Poplar Creek	Anderson County	RIVER	11.3	Nutrients	L	Municipal (Urbanized High Density Area)
TN06010207026_2000	East Fork Poplar Creek	Anderson County	RIVER	11.3	Other anthropogenic substrate alterations	L	Municipal (Urbanized High Density Area)
TN06010207026_2000	East Fork Poplar Creek	Roane County	RIVER	11.3	Other anthropogenic substrate alterations	L	Municipal (Urbanized High Density Area)
TN06010207026_2000	East Fork Poplar Creek	Anderson County	RIVER	11.3	Sedimentation/Siltation	NA	Municipal (Urbanized High Density Area)
TN06010207026_2000	East Fork Poplar Creek	Roane County	RIVER	11.3	Sedimentation/Siltation	NA	Municipal (Urbanized High Density Area)
TN06010207026_2000	East Fork Poplar Creek	Anderson County	RIVER	11.3	Escherichia coli	NA	Municipal (Urbanized High Density Area)

TN06010207026_2000	East Fork Poplar Creek	Roane County	RIVER	11.3	Escherichia coli	NA	Municipal (Urbanized High Density Area)
TN06010207006T_0900	Scarboro Creek	Anderson County	RIVER	1.99	Escherichia coli	NA	Municipal (Urbanized High Density Area)
TN06010207006T_1100	Ernies Creek	Anderson County	RIVER	4.1	Escherichia coli	NA	Municipal (Urbanized High Density Area)

**ITEM 2B**

**Lower Clinch River Approved TMDLs**

Pathogens – Approved in 2005

Waterbody ID	Impacted Waterbody	County	Miles/Acres Impaired	CAUSE/TMDL Priority	Pollutant Source	GOALS
TN06010207026 – 1000 & 2000	EAST FORK POPLAR CREEK	Roane	9.7	Pathogens	MS4s, 68.1% reduction goal	The concentration of the E. coli group shall not exceed 126 CFU per 100mL , as a geometric mean based on a minimum of 5 samples collected from a given sampling site over a period of not more than 30 consecutive days with individual samples being collected at intervals of not less than 12 hrs.
TN06010207026 – 2000	EAST FORK POPLAR CREEK	Anderson Roane	11.3	Pathogens	MS4s, 68.1% reduction goal	Same as previous segment.

Siltation and Habitat Alteration – Approved in 2006

Waterbody ID	Impacted Waterbody	County	Miles/Acres Impaired	CAUSE/TMDL Priority	Pollutant Source	GOALS (WLAs)
TN06010207026 – 1000	EAST FORK POPLAR CREEK	Roane	9.7	Habitat loss due to alteration in stream-side littoral vegetative cover	MS4s, and Construction Stormwater	The TMDL Required Overall Load Reduction is 50.8%. The WLA from MS4s and Construction Stormwater is 53.3%.
TN06010207026 – 2000	EAST FORK POPLAR CREEK	Anderson Roane	11.3	Loss of biological integrity due to siltation/Habitat loss due to alteration in stream-side or littoral vegetation cover	MS4s, and Construction Stormwater	Same as previous segment.

E. Coli – Approved in 2017

The E. coli TMDLs developed in this document supersede the pathogen TMDLs approved by the U.S. Environmental Protection Agency (EPA) on November 25, 2005 for selected waterbodies in the Lower Clinch River Watershed.

Waterbody ID	Impacted Waterbody	County	Miles/Acres Impaired	CAUSE/TMDL Priority	Pollutant Source	GOALS (WLA's)
TN06010207026 – 1000	EAST FORK POPLAR CREEK	Roane	9.7	E. Coli	MS4s	Compliance is achieved by meeting in-stream single-sample E. coli concentrations of $\leq 941$ CFU/100mL.
TN06010207026 – 2000	EAST FORK POPLAR CREEK	Anderson Roane	11.3	E. Coli	MS4s	Same as previous segment.
TN06010207006 T_1100	Ernies Creek	Anderson	4.1	E. Coli	MS4s	Compliance is achieved by meeting in-stream single-sample E. coli concentrations of $\leq 941$ CFU/100mL.
TN06010207006 T_0900	Scarboro Creek	Anderson	1.99	E. Coli	MS4s	Compliance is achieved by meeting in-stream single-sample E. coli concentrations of $\leq 941$ CFU/100mL.

**ITEM 2C**

Lower Clinch River Exceptional TN Waters

HUC	Watershed Name	Waterbody	County	Description	Basis for Inclusion	Inclusion Date
06010207	Clinch-Lower	Clinch River Unnamed Tributary	Anderson	From Clinch River (Melton Hill Reservoir) to origin	State threatened Copper Iris	OCT-26-2007
06010207	Clinch-Lower	Mill Branch	Anderson	From East Fork Poplar Creek to headwaters	Exceptional biological diversity, WPC reference stream for ecoregion 67i.	Not listed
06010207	Clinch-Lower	Gum Hollow Branch Unnamed Tributary	Anderson	Headwater tributary from Gum Hollow Branch to origin	State threatened Mountain Witch Alder	DEC-04-2007
06010207	Clinch-Lower	Gum Hollow Branch	Anderson	From headwater tributary to origin	State threatened Mountain Witch Alder	DEC-12-2007
06010207	Clinch-Lower	Clinch River-Melton Hill Reservoir	Anderson, Knox, Loudon, Roane	Clinch River from Melton Hill Dam to Pellissippi Parkway	State Scenic River (Class III-Developed River Area)	MAR-16-2009

ITEM 3E. Public Information and Education Metrics FY 2020

Activity	Supporting Documentation	Metric
Brochure Distribution	Healthy Waters Brochure	75
	Adopt-A-Stream Flyer	85
	TN Construction Guide to Clean Water	0
	TN Homeowner's Guide to Clean Water	60
Oak Ridge Stormwater Management Program Website and Social Media	AmeriCorps Stormwater Team posts on the City of Oak Ridge Facebook Page	Total post likes: 176 Number of posts: 12 Comments: 39 Shares: 56 Other interactions: 428
	Oak Ridge Stormwater Management Program Website	664 users, 863 sessions
Public Service Announcements	PSAs list posted on website: 1. What is Stormwater? 2. Construction Sites 3. Agriculture 4. Commercial Sites 5. Residential Sites	639 views 355 views 122 views 50 views 54 views
	Municipal Building Slides "Only rain down the storm drain" "Adopt-A-Stream" "Clean the Clinch!"	3 slides
Public School Outreach	One week long sessions in 8 STEM classes at Oak Ridge High School (December-January)	177 total students 4 teachers
	One week with the Oak Ridge High School Advanced Wildlife Principles class (October)	36 students 1 teacher
	Oak Ridge Public Library, Monthly Wise Water Wednesday After School Series (Sept.-Feb.)	49 students
	Water Fest at Ijams Nature Center May 4 <sup>th</sup> Poetry/Art participation	CANCELLED DUE TO COVID-19
Public Workshops	TN Tree Day. Mar 21 <sup>st</sup>	45 Participants 650 Trees
	Rain Barrel Sale	44 Barrels sold 34 Participants
Watershed Groups	Water Quality Forum Executive Board member meetings/Quarterly meetings	3 meetings attended
	WQF Adopt-A-Stream Orientations	1 new group
	TNSA Regional/Annual Meeting(s)	3 meetings attended

		1 Annual meeting attended
Public Notices	Press Releases/City newsletter articles	3
	Healthy Waters E-Newsletter	2 newsletters released 95 people reached
Hazardous Waste Collection Event	Anderson County/City of Oak Ridge Collection event Sept. 15th	322 Households 8350 lbs. collected 144 Info Flyers
Bulk Trash/Yard Waste Collection Events	Clean The Clinch! volunteer event Sept. 21	20 volunteers Approx. 30 bags of trash 8.95 acres of land, 2.28 miles of water treated
	Adopt-A-Stream Cleanup	CLEANUP CANCELLED DUE TO COVID-19
	Ijams River Rescue in Oak Ridge	RESCHEDULED TO NOVEMBER DUE TO COVID-19
	Bulk Household Trash, Brush, and Leaf removal Collection Events	One event in Fall and one in Spring
Exhibitions/Speaking Engagements	City of Oak Ridge Wellness Fair Booth	CANCELLED DUE TO COVID-19
	American Public Works Week- Open house	CANCELLED DUE TO COVID-19
	"Intro to Stormwater, and What is a Rain Garden and what can it do for you?" talk at UT Arboretum. Mar 1st	55 attendees
Contractor Education	Contractor Education Workshop	No Interest This Year
Pre-Construction Meetings	Site Review and Onsite Meetings	21 site review meetings 4 onsite meetings
Municipal Employee Training	IDDE & SWPPP Training	8 work pool employees trained
Outreach to Hotspots	Restaurant Guides & Posters Emailed by Health Inspector	32
	BMP Posters and guides for hotspots posted to website. Including: Auto body shop poster and guide Restaurant poster and guide Fertilizer and Pesticide Applicator guide Restaurant poster Restaurant guide	136 Page views