

FREDDIE O'CONNELL
MAYOR



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY

DEPARTMENT OF WATER AND SEWERAGE SERVICES
Stormwater, NPDES Section
1607 County Hospital Road
Nashville, TN 37218

December 2, 2025

April Grippo, Director
Tennessee Department of Environment & Conservation - Division of Water Resources
William R. Snodgrass Tennessee Tower
Attention: Compliance Review
312 Rosa L. Parks Avenue
Nashville, Tennessee 37243

RE: **NPDES Permit No. TNS068047**
Metro Nashville/Davidson County
Signature Authorization Letter

Dear Director:

Per the provisions of Section 5.7 of the Metro Nashville/Davidson County MS4 NPDES permit (TNS068047), I hereby authorize Michael Hunt as my duly authorized representative to submit reports and other information as required per NPDES Permit TNS068047.

I do so by virtue of Mr. Hunt's position as the MS4 Permit Program Manager for Metro Nashville/Davidson County, Metro Water Services - Stormwater's NPDES Office, which oversees Metro's MS4 permit compliance activities.

Please let me know if you require any further information.

Sincerely,

Scott Potter, P.E.
Metro Water Services, Director

cc: Tim Jennette, TDEC Division of Water Resources Nashville Field Office Manager
Karina Bynum, Ph.D., P. E. TDEC Integrated Water Resources Engineer
Tom Palko, Assistant Director; Metro Water Services Stormwater Division
Brent Freeman, Deputy Director, Metro Water Services
Michael Hunt, Metro Water Services Stormwater Division NPDES Office



If you need assistance or an accommodation, please contact Metro Water Services,
at 615-862-4862, 1600 Second Avenue North, Nashville, Tennessee 37208.

**Metro Nashville/Davidson County
Municipal Separate Storm Sewer System
Permit TNS068047 Annual Report**

**December 2025
Reporting Period:
July 1, 2024 – June 30, 2025**



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1.0 Introduction

The Metropolitan Government of Nashville Davidson County (Metro) was issued the third cycle of the Municipal Separate Storm Sewer System (MS4) permit effective February 1, 2012. Under this permit, the reporting period for each permit year coincides with Metro's Fiscal Year (FY) (July 1st through June 30th). The reporting period for this report will be referred to as Fiscal Year 2025 (FY25), which represents the period between July 1, 2024, through June 30, 2025.

Each year, there are numerous individuals within different Metro Departments that work toward achieving overall MS4 permit compliance. As a measure to ensure permit compliance within the various facets of Metro government, the National Pollutant Discharge Elimination System Section (NPDES) was created to oversee all MS4 permit compliance activities. NPDES is a section within the Metro Water Services (MWS) Stormwater Division and is responsible for performing specific MS4 permit requirements such as public education activities, illicit discharge investigations, runoff/discharge sampling, construction site inspections, field screening inspections, industrial inspections, etc. In addition, NPDES is responsible for coordinating with various Metro Departments to ensure permit compliance measures are being followed on a Metro-wide basis.

The following Table 1 is a list of certain individuals that have contributed directly to specific MS4 permit compliance activities/information during FY25. Any inquiries regarding information represented in this report should be directed to the MWS Stormwater NPDES Office (Attn: Josh Hayes) at 1607 County Hospital Rd, Building A, Nashville, Tennessee, 37218, Phone: 615-880-2420, Email: Joshua.Hayes@Nashville.gov.



Table 1 - Contact List

Name	Agency	Position/Responsibility
Scott Potter	MWS	Director
Brent Freeman	MWS	Deputy Director, Operations
Tom Palko	MWS	Assistant Director, Stormwater Division
Tony Vlascic	MWS	Assistant Director, Business & Finance
Sonia Allman	MWS	Manager of Strategic Communications
Ricky Swift	MWS	Program Manager, Stormwater Maintenance Section
Roger Lindsey	MWS	Practice Leader – Stormwater and Floodplain Management
Matt Tays	MWS	Project Manager, Stormwater Master Planning
Kimberly Hayes	MWS	Engineer, Development Services Division, Single Family
Steve Mishu	MWS	Assistant Director, Development Services Division
Michael Hunt	MWS	Program Manager, Stormwater NPDES Section
Bonnye Holt	MWS	Office Support Specialist, Stormwater NPDES Section
Howard Jackson	MWS	Office Support Specialist, Stormwater NPDES Permit Group
Dale Binder	MWS	Construction Inspection Manager, Stormwater NPDES Section
Shawn Herman	MWS	Construction Inspection Assistant Manager, Stormwater NPDES Section
Katherine O'Hara	MWS	Construction Site Inspector, Stormwater NPDES Section
Barry Gibbs	MWS	Construction Site Inspector, Stormwater NPDES Section
Ken Tranter	MWS	Construction Site Inspector, Stormwater NPDES Section
Lynda Kelly	MWS	Construction Site Inspector, Stormwater NPDES Section
Anthony Scarbrough	MWS	Construction Site Inspector, Stormwater NPDES Section
Tommy Biggerstaff	MWS	Construction Site Inspector, Stormwater NPDES Section
Hiram (Ray) Harrison	MWS	Construction Site Inspector, Stormwater NPDES Section
Rebecca Dohn	MWS	Urban Forestry Manager, Stormwater NPDES Section
Eric Kuehler	MWS	ISA Certified Arborist Stormwater NPDES Section
Jennifer Smith	MWS	Horticulturist, Stormwater NPDES Section
Sarah Welz	MWS	Urban Forestry Project Manager, Stormwater NPDES Section
Charles Griffith	MWS	Urban Forestry Arborist, NPDES Section
Josh Hayes	MWS	Permit Group Manager, Stormwater NPDES Section
Kevin Turner	MWS	Permit Group Inspector, Stormwater NPDES Section
Rob Topolski	MWS	Permit Group Inspector, Stormwater NPDES Section
Gretchen Judkins	MWS	Permit Group Inspector, Stormwater NPDES Section
Dannielle Boxx	MWS	Permit Group Inspector, Stormwater NPDES Section
Devon Lewis	MWS	Permit Group Inspector, Stormwater NPDES Section
Julie Berbiglia	MWS	Public Education Specialist, Stormwater NPDES Section
Joseph Brown	MWS	Permit Group Inspector, Stormwater NPDES Section
Matthew Lockhart	MWS	Permit Group Inspector, Stormwater NPDES Section
Mary Bruce	MWS	Watershed Group Manager, Stormwater NPDES Section
Veronica Logue	MWS	Watershed Group Inspector, Stormwater NPDES Section
Larry Brown	MWS	Watershed Group Inspector, Stormwater NPDES Section
Jesse Hunter	MWS	Soil Conservationist, Stormwater NPDES Section
Sharon Smith	MWS	Waste Services, Nashville Zero Waste Coordinator
Phillip Jones	NDOT	Assistant Director of the Street Services Division
Ernie Kurgan	NDOT	Street Services Division
J.D. Lane	NDOT	Street Sweeping Services
Anita McCaig	Metro Planning Department	Planner
Christopher Michie	Metro Health Department	Septic System Oversight
Pamela Wilson	Metro Health Department	Restaurant Inspection
Ron Taylor	MWS	Program Manager, Overflow Abatement
Matt Lott	MWS	Program Manager, System Services Overflow Response
Tim Netsch	Metro Parks Department	Assistant Director
Ted Taylor	MWS	Laboratory Superintendent
Andy Welch	MWS	Program Manager, Pre-treatment/FOG
Anna Kuoppamaki	MWS	GIS Analyst, Stormwater Master Planning Section

Note: There are many other personnel that contribute to the overall MS4 compliance program not listed on this table (i.e., Engineers in MWS Development Services, Various Maintenance Workers, etc.).



The following list is a description of commonly used acronyms throughout the document:

303(d)	State's List of streams with unavailable parameters (Water Quality Criteria for Use Classifications)
CCTV	Closed Circuit Televising
CSS	Combined Sewer System
CWN	Clean Water Nashville Program
EMC	Event Mean Concentration
EPA	Environmental Protection Agency
EPSC	Erosion Prevention and Sediment Control
ERP	Enforcement Response Plan
FY25	Fiscal Year 2025
FEMA	Federal Emergency Management Agency
GIS	Geographic Information System software
LA	Load Allocations for Streams with Approved TMDLs
LID	Low Impact Development
MEP	Maximum Extent Practicable
NDOT	Nashville Department of Transportation
Metro	Metro Nashville Davidson County Government
MNPR	Metro Nashville Parks and Recreation
MNPS	Metro Nashville Public Schools
MS4	Municipal Separate Storm Sewer System
MWS	Metro Water Services
NOV	Notice of Violation
NON	Notice of Noncompliance
NPDES	National Pollutant Discharge Elimination System Section within MWS Stormwater Division
O&M	Operations and Maintenance
OEM	Mayor's Office of Emergency Management
PIE	Public Information/Education Plan
RMCP	Ready Mix Concrete Plant
RMP	Runoff Management Plan
SCM	Stormwater Control Measure (Post-Construction Stormwater Treatment)
SOP	Standard Operating Procedure
SSD	System Services Division
SWMC	Stormwater Management Commission
SWMM	Stormwater Management Manual
SWMP	Stormwater Management Plan
SWO	Stop Work Order
SWPPP	Stormwater Pollution Prevention Plan
TDEC	Tennessee Department of Environment and Conservation
TMDL	Total Maximum Daily Load of Pollutants Allowed within Streams
TMSP	Tennessee Multi-Sector Permit for Industrial Stormwater Discharges
TMI	Tennessee Macroinvertebrate Index
TSS	Total Suspended Solids
WIES	Watershed Improvement Evaluation System
WLA	Waste Load Allocation



1.1 Objective of the Program

The objective of the Stormwater Management Program is to implement specific pollution prevention programs designed to improve the quality of Metro's water resources to the Maximum Extent Practicable (MEP), particularly as it relates to improving the quality of discharges from Metro's MS4. This leads to an overall goal of maintaining MS4 permit compliance, while simultaneously achieving water quality improvements in every Metro stream reach, including those listed on the Tennessee Department of Environment and Conservation's (TDEC's) 303(d) list of streams with unavailable parameters. It is Metro's long-term goal to reduce pollutant loadings from the MS4 to remove a majority of the streams from the 303(d) list that are indicated as being impaired by MS4 runoff. As Metro maintains compliance with the current MS4 permit requirements, it is important to evaluate the success of the major pollution prevention programs that have been implemented in the first 3 permit cycles. Over those permit cycles, Metro has made great strides to improve stormwater runoff from construction sites, industrial sites, commercial sites, residential sites, and Metro roadways/properties. Overall, the implementation of these control programs has worked to significantly reduce and minimize pollutants from entering the MS4 drainage system and the receiving streams.

1.2 Major Stormwater Pollution Findings

Each year there are generally fewer major discoveries of pollution to the MS4 drainage system. This can be largely attributed to the long-term implementation of core pollution prevention programs such as Metro's public education efforts, proactive inspections of commercial and industrial properties, increased oversight and permitting requirements on development/construction activities, and continual monitoring of Metro's vast watersheds. The paragraphs below describe some of the more notable investigations and compliance actions performed by Metro that have directly benefited the water quality of the MS4 and Davidson County streams during FY25.

1.2.1 Dry Weather Field Screening Findings

In previous permit years, NPDES performed dry weather field screening inspection on all ½ mile grids with commercial/industrial-zoned properties within Metro's jurisdiction. In FY25, NPDES began to re-screen all the ½ mile grids, which included many of the same businesses that were screened in the first cycle, as well as new businesses that were developed/redeveloped since the first screening. The paragraphs below describe some of the notable issues found during the start of the second round of field screening.

Restaurant Grease Control Equipment Failure

While performing routine dry weather field screening at a fast-food restaurant, NPDES observed copious amounts of Fats, Oils, and Grease (FOG) material on the ground and draining toward the stormwater sewer system. Upon further inspection, NPDES found that the restaurant's grease control equipment had recently failed causing the FOG material to overflow to the parking lot. NPDES notified the restaurant management, and they took swift actions to repair the failing grease control equipment and clean up any exposed FOG material.



Photos of the Exposed FOG material from Grease Interceptor Overflow



Leaking Dumpsters at a Large Commercial Shopping Center

During a routine Field Screening inspection of a large commercial shopping center with many different businesses, NPDES noted several actively leaking dumpsters and other visual evidence such as thick staining on the ground of past leaking dumpsters. Some of the leaking dumpsters were noted to be large compactor dumpsters with leaking liquids. NPDES coordinated with management of the shopping center and individual businesses on several occasions to clean up any leaked substances and to contact their dumpster company to provide non-leaking dumpsters. Site improvements were noted in follow-up inspections.



Photos of Leaking Dumpsters found during Field Screening

Exposed Oil at Automotive Repair Shop

While performing a routine field screening inspection of an automotive repair shop, NPDES noted a thick layer of staining on the parking lot. NPDES traced the staining back to an area where used oil and other containers were being stored that had copious amounts of exposed oils on and around the containers. It appeared that employees had been haphazardly dumping oil into the containers. NPDES coordinated with the property manager to ensure the exposed oil was adequately cleaned up and better practices were implemented to prevent the spillage of oil on and around the used oil containers.



Photos of Exposed Oil Product found during Field Screening

1.2.2 NPDES Water Quality Investigations

Sewer Issue Discovered from Visual Stream Assessment

While performing a routine Visual Stream Assessment (Stream Walk), NPDES noticed what appeared to be a sanitary sewer leaking from a private sanitary sewer service line of a local food market. NPDES performed follow-up inspections and coordination with the property owner, requiring them to make immediate repairs to the line to abate the sewer overflow. The property owner hired a plumbing company



to clean the line and was told that the sewer back-up was being caused by a MWS sewer main. MWS dispatched a crew to video inspect the sewer main and found that the main was in working condition. NPDES provided this information back to the property owner and required them to make the necessary repairs. The property owner eventually replaced the private sanitary sewer service line.



Photos of the Leaking and Repaired Private Sanitary Sewer Service Line

Broken Aerial Sewer Line

NPDES received a complaint that a citizen walking along a greenway noticed a broken aerial sewer crossing over McCrory Creek. NPDES responded and observed the broken line and coordinated with MWS System Services to determine if this sewer line was privately owned/maintained or one that MWS maintains. It was quickly decided that MWS would make the repairs. Due to the urgency of preventing further sewer impacts to the creek, MWS immediately set up bypass pumping until the repairs could be made. The aerial crossing was eventually replaced preventing any future impacts to McCrory Creek.



Photo of the Broken Aerial Sewer Line that was Repaired

Illicit Discharge of Sediment

NPDES received numerous complaints through the HubNashville citizen reporting platform about an active construction site on Knight Road causing sediment to discharge to the MS4 and local stream. NPDES learned from the Cityworks database that the property applied for and received an "Agriculture Exemption" from Metro Nashville's grading permit requirements as the grading work and new structure



were determined to be for agricultural purposes. NPDES coordinated with the Metro Legal Department to determine if there were any enforcement provisions for Agriculture Exempt activities. Metro Legal determined that even though the activity was determined to be exempt from requiring a grading permit, Metro's Illicit Discharge Code (15.64.205) could still be enforced. As a result, NPDES issued a Notice of Violation (NOV) with an accompanying \$200 administrative penalty requiring the property to implement controls to prevent future sediment discharges. The property owner eventually complied with the NOV and implemented perimeter controls that eliminated the sediment discharges.



Photos of the Sediment Discharge from the Agricultural-Exempt Activity

1.2.3 NPDES Spill Response Activities

In January of 2025, NPDES received notification from the Office of Emergency Management (OEM) of a large diesel fuel spill at a local truck travel center. NPDES immediately responded to the site and coordinated with the OEM crews who were actively working the scene. A large truck had parked overnight and was unaware that the fuel tank was leaking. As a result, it was estimated that over 50 gallons of diesel leaked onto the travel center parking lot. NPDES found that the fuel product had reached a private storm drain and routed to an old dry detention pond. Fortunately, all the diesel fuel was contained within the footprint of the pond and did not drain out to the nearby stream. NPDES coordinated with the environmental remediation company to ensure all pooled diesel fuel was cleaned up and the contaminated soil within the detention pond was removed and disposed of.



Photos of the Diesel Spill and Old Detention Pond that Contained the Fuel Product



1.2.4 NPDES Construction Oversight Program

Any development or redevelopment activity involving the disturbance of more than 10,000 square feet requires a Metro grading permit. As part of the grading permit process, NPDES maintained an average of 9 inspector positions dedicated to inspecting construction activity to ensure proper Erosion Prevention and Sediment Control (EPSC) measures are installed and maintained during the project to prevent the discharge of sediment to the MS4 and community waters. Throughout FY25, there was an average of nearly 900 active grading permit sites that NPDES staff were inspecting on a routine basis. While performing a routine inspection, one of NPDES inspectors found a permitted construction site was not properly maintaining EPSC measures, resulting in the discharge of large amounts of sediment to the MS4. NPDES issued an NOV with an accompanying \$500 administrative penalty to the site for failure to properly maintain controls. As a result of the NOV and administrative penalty, the site remediated the lost sediment to the MS4 and installed new EPSC measures.



Photos of the Sediment Discharges to the MS4 and NOV

1.3 Major Stormwater Management Program Accomplishments and Highlights

1.3.1 MWS Stormwater Division

The MWS Stormwater Division has continued to facilitate major accomplishments in the development of the overall Stormwater Management Program. Accomplishments performed in recent years are listed below:

SWMP Implementation/Updates:

In FY25, NPDES continued to implement Metro's MS4 Storm Water Management Plan (SWMP) that was developed during previous permit reporting periods. The SWMP, as required by the current MS4 permit, is a formal document that provides a comprehensive description of Metro's overall Stormwater Management Program. The SWMP describes Metro's methods of achieving each MS4 permit-required activity. The SWMP is an internal program document that is reviewed routinely to determine if improvements or updates are needed. All SWMP updates from previous years are included in the previously submitted Annual Reports. In FY25, NPDES updated the Field Screening Standard Operating Procedure, which is included in Section 4 of this document.

Please note that Metro's permit cycle ended on January 31, 2017, but is currently administratively extended until such time as the permit is reissued by TDEC. With the pending issuance of the 4th iteration of Metro's MS4 permit, Metro believed some changes could be made to improve the efficiency of certain pollution prevention programs. Attachment B includes several communications submitted to TDEC detailing proposed changes to the Stormwater Management Program, which NPDES is currently implementing during the "administrative extension" period between permit reissuances. NPDES met with TDEC on November 16, 2017, to discuss these changes, and TDEC approved the testing of certain, slight MS4 program modifications during the transition/"administrative extension" period. On March 30,



2018, NPDES submitted a follow-up letter to TDEC explaining how the modifications have been beneficial to the program. During FY25, NPDES continued to implement the changes detailed in these communications to TDEC since these modifications continue to demonstrate increased pollution prevention effectiveness. Please note that NPDES underwent a TDEC Compliance Evaluation Inspection for the Monitoring program in FY26. This compliance findings will be reported in next year's report

Industrial Inspections

At the beginning of the permit cycle, NPDES created a thorough industrial site database that continues to be comprised of permit-required industries such as those subject to reporting requirements pursuant to SARA Title III, Section 313 and sites not required by the permit such Tennessee Multi Sector Permits (TMSP), Ready-Mix Concrete Permits (RMCP), and Individual permits for process water discharge. In FY25, NPDES continued to identify and work with unpermitted sites while continuing to educate over 300 industrial facilities in Metro. Notable FY25 industrial activities are detailed below:

- Industrial Stormwater and Wastewater Webinar

NPDES worked with the MWS Pretreatment Program to host an industrial stormwater and wastewater webinar. All industrial facilities in the database were invited, and 125 site representatives attended. The webinar discussed the various permits that NPDES oversees within Nashville and the paperwork associated with each one. Best housekeeping practices were covered along with common issues noted during inspections such as tracking out and stockpiles. NPDES also covered the draft TMSP and reminded facilities to submit their Notice of Intent. Pretreatment covered various regulations relating to discharges to the sewer. After the webinar, all industrial facilities were emailed a [Google Drive](#) link containing a recording and transcript of the webinar as well as template for various inspections and the draft TMSP and rationale. This Drive link received 104 clicks. Refer to Section 4 for attendee list.



A Screenshot from FY25 Webinar

- Co-Inspections and Coordination with TDEC for Industrial Inspector Training

As NPDES continues to expand its industrial program, frequent TDEC co-inspections are completed to fulfil industrial inspector training requirements. NPDES completed 6 co-inspections of TMSP sites during FY25 in addition to quarterly MS4 meetings where industrial facilities are frequently discussed. TDEC also continues to be copied on all letters noting issues at facilities as well as unpermitted facilities that should obtain coverage. NPDES typically coordinates with TDEC Division of Water (DWR), but NPDES has started coordination with TDEC Division of Mineral and Geologic Resources (DMGR) as the mining permits moved out of DWR jurisdiction.





Photos from TDEC Co-Inspections in FY25

- **Continuation of Routine Reinspection**
In previous years, NPDES updated internal processes to include reinspecting sites in which issues were found during initial inspections warranting Corrective Action Plans (CAPs) to be developed. In FY25, NPDES reinspected 12 sites that were required to submit CAPs in FY24. This new process allows NPDES to determine if the controls put in place by the CAPs are being maintained instead of only seeing the controls when they are first installed. This timeline has also proven beneficial for newly permitted sites that may require guidance with permit paperwork. One notable site from FY25 was a barge loading and unloading facility that was first inspected in FY23 where issues were noted. NPDES reinspected the site in FY24 and FY25 to help the site reach compliance with its TMSP.



Corrected outfall (left) and Non-Stormwater Discharge (right) at Barge Facility

Public Education

As Metro Nashville continues to grow at a record pace with new residents moving here from different parts of the country, NPDES believes public outreach is one of the most important actions of the MS4 program. In FY25, NPDES continued to expand its public outreach activities as opportunities presented themselves while following the Public Involvement and Education (PIE) Plan to ensure all permit requirements are met or exceeded. There is significant overlap in each education activity that was completed as they targeted multiple audiences. The paragraphs below highlight some of the specific public education activities that were conducted during FY25 in each of the target audiences listed in NPDES' PIE Plan:



- **School and Youth Groups**

During FY25, NPDES began using its Stormwater Demonstration Campus to host educational field trips. Other school programs involved long-term and short-term projects to deepen students' understanding and application of stormwater pollution prevention practices. A detailed report on all school and youth activities can be found in Section 4 of this document. The following activities are highlights of this permit year:

- Stormwater Demonstration Campus Trainings and Field Trips

- 7th grade STEAM Expedition:
1,393 students from 16 schools took field trips to our Stormwater Demonstration Campus. Students were assigned the role of stormwater engineer and the task of solving a runoff pollution problem at a fictional factory using the information they learned while touring the campus. This activity was repeated with a home school group.
- Overton High School Architecture Class Project Field Trip:
Students toured the Campus to learn about stormwater control measures that could be applied to their semester-long design project. The project goal was to present an outdoor classroom design using permeable materials and SCMs.
- Teacher In-Service for Explore Community School and School-Wide Stormwater Expedition where 35 teachers (grades k-4) learned about stormwater, toured the Demonstration Campus, and used the information to create student units for the year. Students created projects and participated in a school-wide Stormwater Expedition to display and explain their work.



From Left to Right: Photo of Teacher In-Service Tour, Student Display, Student Drawing

- Dog Waste Pollution Prevention Programs

- Lipscomb University Principles in Sustainability Class:
NPDES staff presented information on dog waste and runoff pollution. Students conducted field work to quantify dog waste on greenway and parks trails and produced public information materials.
- Lipscomb University Capstone Project:
Students conducted literature reviews on dog waste pollution best management practices.
- Stratford High School Dog Park and Water Quality Study:
Students in the Interdisciplinary Science Research class continued a multi-year project studying dog waste in the Shelby Park dog park. This year's project



focused on public education. MWS posted student-created signs at the Shelby dog park.



Photo of Student-Created Signs at Shelby Dog Park

- Elementary and Middle School Student Dog Waste Prevention Activities:
330 students from 3 schools participated in scoop the poop education and created posters and social media graphics.
- Middle School Pollution Prevention Brochure Review
 - 6th Grade Student Brochure Review:
280 students from five middle schools reviewed draft pollution prevention brochures for readability. Their suggestions were taken into consideration when revising the publications.
- Presentations to Teachers
 - Computer Science Momentum Expedition 2024:
NPDES staff presented online stormwater resources and tools to teachers from across the state at the annual conference.
 - STEAM/Science Content Day Teacher Profession Development:
NPDES Urban Forestry staff presented sessions on planting trees on school campuses for stormwater mitigation.
- **“Hot Areas” Within Metro**
NPDES designated “hot areas” by utilizing its vast monitoring data, general knowledge from field investigations, and citizen complaints. The determined “hot areas” can often be classified into three main categories based on overall land use associated pollutants of concern. For public education purposes, the three major urban land use categories have been identified as Residential, Commercial, and Industrial. The following educational activities are only a glimpse of the education for each of these categories:
 - Residential
 - Residential education is completed mainly through community events and via the TN Smart Yards program, both of which are detailed later in this report.
 - Commercial
 - Due to an increase in illicit discharge complaints relating to grinder pump failure and subsequent sewer discharges to the MS4, NPDES sent a mailout to 961 apartment, hotel, etc., businesses that may have a grinder pump to alert them of routine maintenance and administrative penalties that may be issued if illicit discharges occur.



Save Money, Maintain Your Grinder Pump
Ahorre dinero, realice un mantenimiento a su bomba trituradora

Grinder pumps grind sewage and pump it to the nearest sewer main. Repairing or replacing these pumps can be costly. Las bombas trituradoras trituran las aguas residuales y las bombean a la alcantarilla principal más cercana. Reparar o cambiar estas bombas puede ser costoso.

How to Maintain Your Pump:

- limit water use during power outages
- replace blades to avoid overheating
- check for leaks and worn out bearings
- follow manufacturer guidelines
- reroute or vacuum out sewage during pump downtime

Cómo realizar el mantenimiento de su bomba:

- Limite el uso de agua durante cortes de energía
- Reemplace las aspas para evitar sobrecalentamientos
- Verifique si hay fugas o rodamientos desgastados
- Siga las instrucciones del fabricante
- Redireccione o aspire las aguas residuales durante el tiempo de inactividad de la bomba

Avoid putting these items down the drain to prevent pump failure and sewer overflows:

- flushable wipes
- grease and food scraps
- hair • trash
- feminine hygiene products

Evite arrojar estos elementos por el desagüe para evitar fallas en bombas y desbordes de alcantarillado:

- toallitas desechables
- grasa y restos de comida
- cabello • basura
- productos de higiene femenina

Sewer overflows may become illicit discharges
which could incur penalties of \$50 to \$5000 per day under Municipal Code 15.64.205.

Los desbordes de alcantarillado pueden convertirse en **descargas ilícitas** que podrían generar multas de \$50 a \$5000 por día según el Código Municipal 15.64.205.

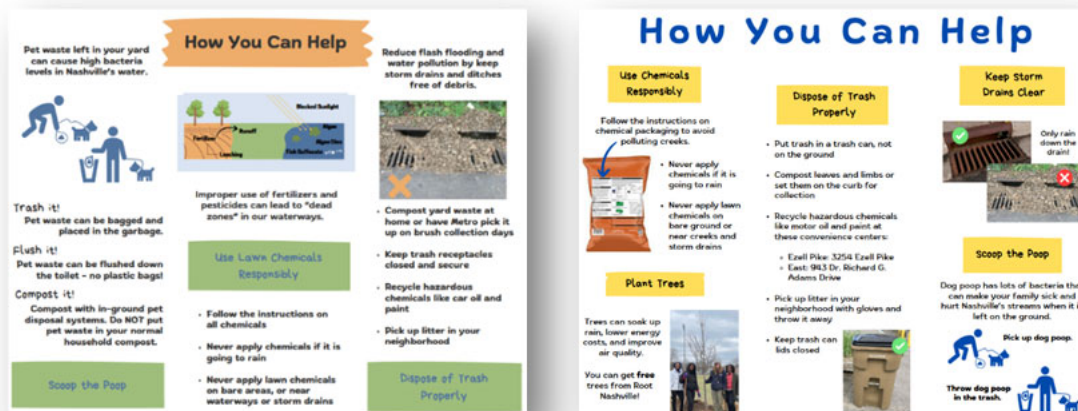
Share these flyers with your residents
rebrand.ly/AptFliers

Comparta estos folletos con otros residentes
rebrand.ly/AptFliers

METRO WATER SERVICES
615-880-2420

Grinder Pump Mailout Sent in FY25

- Industrial
 - In FY25, NPDES hosted an Industrial Stormwater and Wastewater Webinar for industrial facilities inventoried in Metro's database. Detailed information about the webinar can be found in the Industrial section of this document. 125 industrial site operators and managers attended this webinar in addition to several TDEC staff.
- **Business Type/Community “Hot Areas”**
NPDES recognizes the overlap in Business Type/Community “Hot Areas” with the Commercial and Industrial “Hot Areas” listed above. Much of the education in this target audience is completed via the 101 industrial inspections completed in FY25 as well as the aforementioned webinar. NPDES also educates heavy commercial and industrial areas via the field screening program in which NPDES inspected 167 ½ mile grids in FY25 and communicated with property owners to fix identified pollutant concerns. In FY25, NPDES also worked with 6th graders to create a general stormwater brochure for residents that is easy to understand and promotes effective education. In future fiscal years, NPDES hopes to use what was learned in these sessions to create brochures for businesses listed in the PIE Plan such as automotive repair shops and landscaping companies.



Photos of Resident Brochure Before (Left) and After 6th Grade Sessions (Right)

- **High Citizen Complaint Zones**

In FY24, NPDES updated its door hangers to be easier to understand and translated into Spanish to reach Metro's diverse community. In FY25, NPDES distributed 233 door hangers to residents in response to complaints. NPDES also utilizes Nextdoor to distribute specific complaint-related information. In FY25, NPDES created an Education Map to help target education in underserved areas of our county, and in future fiscal years, NPDES hopes to overlay complaint zip codes into the map to identify areas where more education would be beneficial.



Photo of Nextdoor Post Made in Response to Complaint

- **Large Civic Educational Events**

NPDES' permit requires "6 large community events" per permit year, and NPDES has continued to exceed this requirement in FY25. Community events focus primarily on residential education about reducing pet waste and using the TN Smart Yards Program to be detailed later. In FY25, NPDES staffed 35 educational booths throughout the county, reaching 4,122 people. Refer to Section 4 of this document for a complete list of Public Education events. Highlighted below are a few of the larger events:

- TN Smart Yards Festival

NPDES partnered with the UT Extension Office and Master Gardeners to host the 2nd annual Davidson County TN Smart Yards Festival at the Ellington Ag Center. Around 200 attendees spoke with experts in their fields relating to sustainable gardening and reducing runoff from their properties. This year, NPDES also invited partner organizations to offer residents even more resources on how to get involved in improving local waterways. Nashville's Mayor, Freddie O'Connell, also spoke favorably of the program at the event in between raffles for various items such as rain gauges and a rain barrel.



Photo of Mayor Freddie O'Connell Speaking at the TN Smart Yards Festival



- Open Streets on Antioch Pike

In FY25, NPDES participated in Open Streets, an event series hosted by Walk Bike Nashville that closes streets to cars to allow for neighborhood engagement and promote a walkable, bikeable city. The event along Antioch Pike is located in one of NPDES' "hot areas". NPDES talked to 180 people at its booth focused on TN Smart Yards and picking up pet waste, including a Scoop the Poop game for people to practice the action NPDES encourages them to take.



Photo of Booth at Open Streets on Antioch Pike

- Rain Barrel Sale

NPDES continued its partnership with Rainwater Solutions in FY25 to sell subsidized rain barrels to Davidson County residents. Over 850 barrels were sold and picked up by residents, and 24 barrels were purchased by NPDES to continue the monthly rain barrel giveaway detailed in the previous annual report.

- **Post Construction Treatment Devices (SCM) Owners**

NPDES targets Stormwater Control Measure (SCM) owners to ensure the continued functionality of their measures. NPDES completed over 3,500 inspections of private and public SCMs in Nashville in FY25. As a result, 697 inspection notices were sent to property owners explaining the deficiencies noted during inspection and detailing what corrective actions were needed. NPDES uses this opportunity to educate property owners by including fact sheets to detail how each SCM works and the basic maintenance requirements. In FY25, NPDES created a new fact sheet to include buffers as the SCM inspectors continue to ensure buffer zones are protected. NPDES also coordinated with University of Tennessee Agriculture Extension stormwater management training program to present NPDES' SCM inspection and enforcement processes to the SCM Inspection and Maintenance Certification Course. In FY26, NPDES intends to conduct a meeting with SCM maintenance companies to assist property owners in bringing their SCMs into compliance with NPDES regulations.

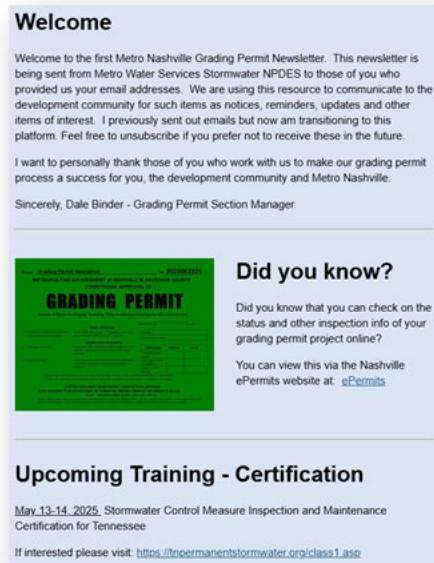




Example Fact Sheet Included in SCM Inspection Notices

- **Grading Contractors/Development Community**

With a fast-growing city such as Nashville, NPDES continues to prioritize education relating to grading permits and reducing sediment loads entering waterways. In FY25, NPDES led over 240 pre-con meetings where developers, contractors, and NPDES representatives met to ensure regulations were met prior to issuing the grading permit. NPDES also conducted over 8,770 site inspections that often included educating site operators and developers when deficiencies were noted. In FY25, NPDES continued to partner with TN Erosion Prevention and Sediment Control Certification Program to present the NPDES' grading permit process to its TDEC Level 1 Certification courses. NPDES also created a Grading Permit Newsletter in FY25 to efficiently send information such as training opportunities and common inspection issues to the development community with the first newsletter sent to 1,262 construction and grading professionals. In FY25, NPDES also had the opportunity to present to members of the Auckland Council of New Zealand on the grading permit process to assist in reforestation in the area.



Grading Permit Newsletter Sent to Development Community



- **Municipal Maintenance Employees**

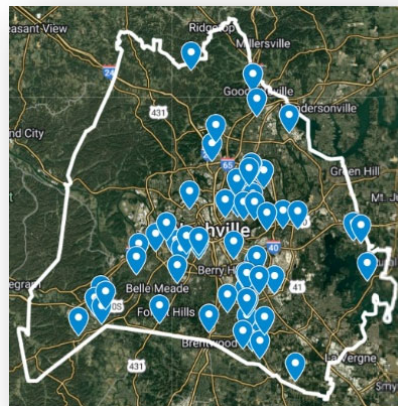
In FY24, NPDES created a SharePoint site to share site-specific videos regarding the purpose of the Runoff Management Plans (RMP) created for Metro Operation and Maintenance facilities. These plans outline potential pollutants and best housekeeping practices for each facility in addition to requiring monthly grounds inspections and annual stormwater training. The SharePoint has proven to be effective in aiding facilities in completing their annual stormwater training, as all 16 facilities completed training in FY25. This includes the newly renovated Fairgrounds and Geodis Park that received a new RMP following the end of construction. In FY26, NPDES will create additional RMP training material for the Lebanon Pike facility housing Metro Water Services' Fleet and System Services as well as training materials for the Dry Creek Reclamation Facility to assist in their TMSP requirements.

- **General Metro Residency**

With Nashville being a mainly residential county, NPDES recognizes the high impact residential pollution has on its watersheds. Therefore, NPDES focuses significant education efforts on its residential population. A few of the successful programs are detailed below:

- TN Smart Yards (TNSY)

TNSY aims to educate and empower residents to create environmentally friendly landscapes that reduce stormwater runoff, prevent erosion, and enhance habitat for native wildlife. TNSY, a partnership between county stormwater agencies and Extension offices, is a free stormwater pollution prevention program that teaches residents specific actions that they can take at home while providing the MS4 with measurable results such as the number of yards certified or actions taken. Certified yards in Davidson County receive a free tree from Root Nashville, a free bag of Music City Gold fertilizer, and a free yard sign to raise awareness and inspire neighbors to follow suit. During FY25, 59 yards were certified through TN Smart Yards bringing the total number of certified yards in Davidson County to 238, nearly 30% of certified yards across the state. Refer to Section 4 for a list of the certified yards in FY25, a thematic summary of participant responses, and the actions taken by these certified yards.



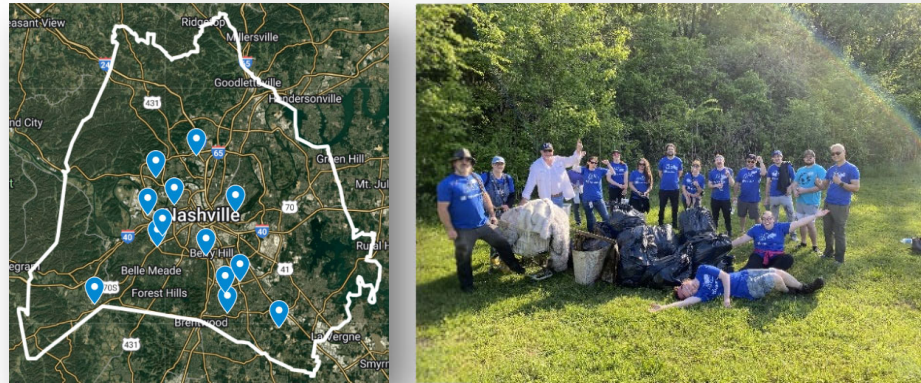
**A Map of FY25 TN Smart Yard Certifications in Davidson County
and a Picture from a TNSY Workshop.**

- Adopt-a-Stream

For many years, MWS has been coordinating with the Cumberland River Compact (CRC) to facilitate the Adopt-A-Stream program. The program provides an opportunity for local businesses, civic groups, watershed associations, churches, schools, etc. to work together in protecting and enhancing the watershed in which they live or work. Stream adoptions last for a period of 2 years, and adopters are required to do at least one stream clean-up per year. During FY25, the CRC signed up 4 new adopters bringing the total number of stream segments adopted to 13 (11.15 adopted miles), and there were 36



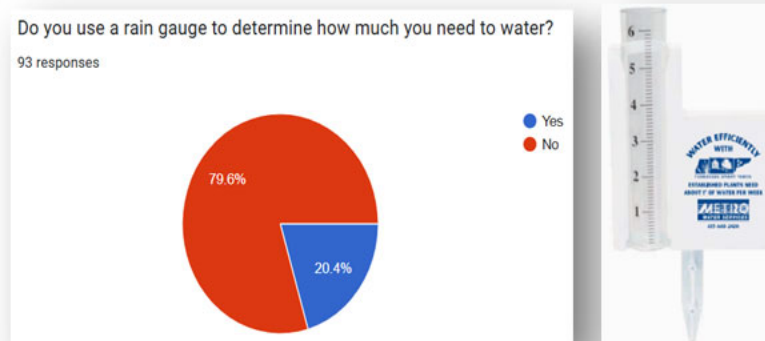
stream cleanups or education events in which 317 volunteers collected 210 bags of trash and 191 tires.



Adopt-A-Stream Locations in Davidson County and a Photograph of One of the Clean-up Activities during FY25

- Water Efficiently Survey

In FY25, NPDES utilized its rapidly growing TNSY newsletter to conduct a survey on the watering habits of Nashville residents. Out of the 93 responses, 93.5% of surveyed residents do not use an automatic irrigation system, but out of those that do, only 1 respondent has the sprinklers hitting impervious surfaces. The survey also included educational statements to promote the reduction of irrigation and runoff. Survey respondents were entered to receive a free rain gauge to support healthy landscaping habits, as the survey results confirmed the previous NPDES findings that most people do not use rain gauges to determine if they need to water. NPDES also included questions relating to landscaping services in order to further assist in educating another target audience, landscaping companies, in future fiscal years.



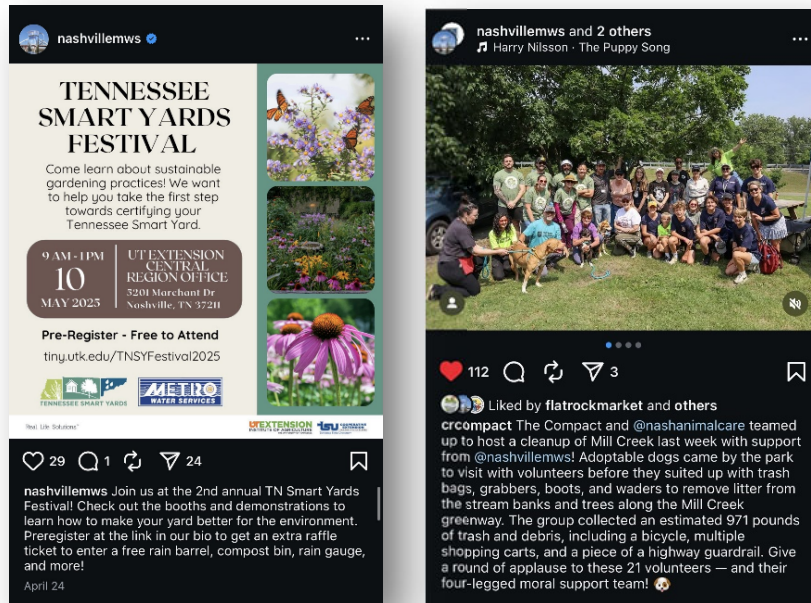
Example of Question from Water Efficiently Survey and Rain Gauge Supplied to Respondents

- Social Media Posts

In FY25, MWS continued to routinely update Facebook, Twitter, Instagram, and NextDoor posts, which has proven to be an effective method in reaching the growing number of citizens who get most of their news from the various social media platforms. A benefit to using social media to distribute public education messages is that actual audience size can be calculated in terms of reach. NPDES continues to track engagement rates (likes, comments, shares, etc.) to distinguish between reach due to passive scrolling versus active engagement, the latter being a better measurement of knowledge gained. NPDES implemented a new social media plan in FY24 to allow NPDES staff to reach the target audience more effectively while not inundating followers with posts. Starting in January 2024, metrics from Twitter (X) had to be obtained via looking at each post because metrics previously provided by the platform for free were no longer available.



This led to a loss of some engagement metrics, but removing Twitter metrics from FY25 statistics, NPDES saw an increase in engagement of 0.81% compared to FY24. NPDES staff creates social media posts to inform the public about pollution prevention tips, events, or workshops offered by NPDES staff, and posts highlighting the different programs within NPDES (SCM inspections, Urban Forestry, etc.). Refer to Section 4 of this document for examples of stormwater-specific posts during FY25.



Example Social Media Posts Posted During FY25

	Number of Posts	Reach	Total Engagements	Engagement Rate
Facebook	57	40757	1034	2.54%
Instagram	36	31616	1414	4.47%
Twitter	48	70083	318	0.45%
NextDoor	7	5440	47	0.46%
Total	148	147896	2813	1.90%

Table of Metrics from Stormwater Social Media Posts for FY25

- Presentations Relating to Public Education Efforts

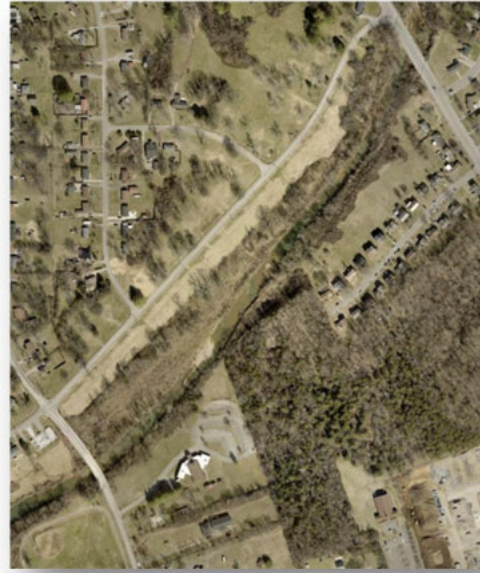
NPDES considers it imperative to share its public education efforts with other municipalities to assist other programs in improving their programs as well to accommodate for any future changes to reporting requirements for MS4 permits. Below are the presentations completed specific to the NPDES Public Education Program:

- Tennessee Environmental Education Association Conference, September 2024
- Southeast Stormwater Association Annual Conference, October 2024
- Center for Watershed Protection Webinars (two presentations), February 2025



Floodplain Buyout Properties

The MWS Stormwater Division has been participating in the Federal Emergency Management Agency (FEMA) home buyout program for more than 25 years to restore floodplain storage and riparian habitat in various watersheds within Metro. Since MWS began participating in the home buyout program, Metro has purchased/assumed ownership of 529 floodplain properties (over 239 acres) in which structures and other impervious surfaces, such as driveways, have been removed. In FY25, MWS staff coordinated the purchasing and/or home removal of 10 floodplain properties. For many of the restored floodplain parcels, Metro has ceased mowing areas directly adjacent to streams, allowing riparian buffers to naturally reestablish. MWS Stormwater has also coordinated the plantings of hundreds of native trees and shrubs within many of these floodplain properties. Many of the buyout sites are adjoining parcels within the same floodplain, resulting in the restoration of large continuous tracks of riparian floodplain. Some of these floodplain properties also provide recreational value to local neighborhoods as they are now managed and protected by the Metro Parks Department.



Comparison Aerial Photos Buyout Property from 2005 and 2025 on Whites Creek after the Properties were Purchased and the Floodplain was Restored

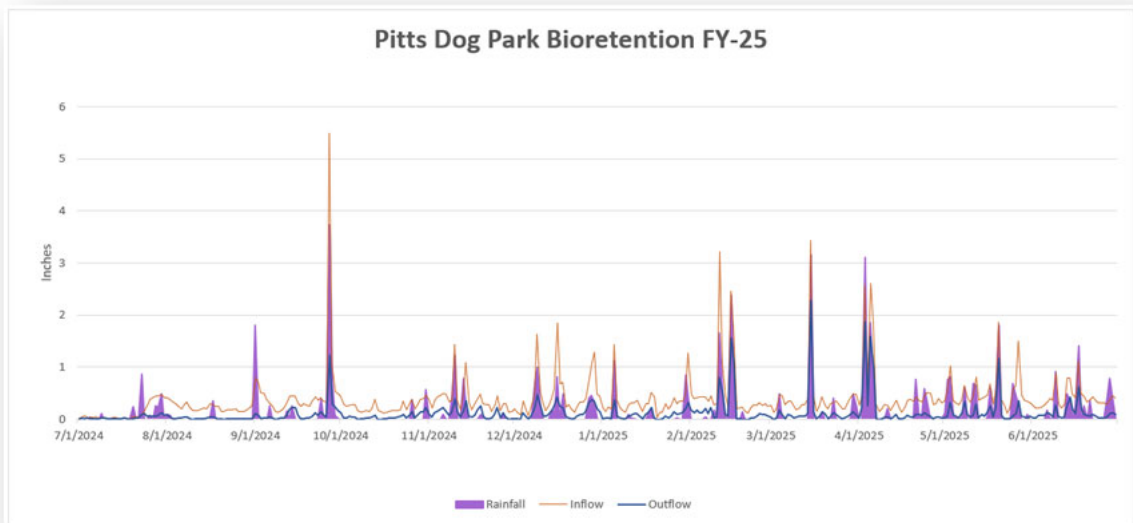
Watershed Improvement Fund

One of the most proactive elements of Nashville's MS4 permit compliance programs is the implementation of the Watershed Improvement Fund (WIF), which is a dedication of certain stormwater user fee funds to implement projects that are specifically designed to improve the quality of stormwater runoff in various watersheds.

In previous permit years, Metro Nashville completed the following large-scale water quality projects:

- **Pitts Dog Park Bioretention Basin** - This basin is specifically designed to capture as much runoff as possible to reduce the elevated levels of *E. coli* and nutrients discharging into nearby Sorghum Branch, which is listed as being impaired for pathogens on the Tennessee 303(d) list. After construction was completed, NPDES purchased ADS ECHO flow monitoring devices and placed them in upstream and downstream junction boxes to measure the success of runoff captured/contained. Over the past few years, NPDES made alterations to the bioretention basin by capping the underdrains. As a result, a substantial decrease in flow volume from the basin during rain events has been observed. This reduction in volume will certainly also correlate to a reduction of pollutants such as *E. coli* and nutrients.





Graph of Flow Reduction Monitored during FY25

- **Whites Creek Bank Stabilization** – NPDES worked with a local landowner and the National Resources Conservation Services (NRCS) Emergency Watershed Protection program (EWP) to receive partial reimbursement grant funding to stabilize approximately 100 linear feet of Whites Creek that was suffering from severe erosion that threatened a MWS Sanitary Sewer main. In FY25, NPDES continued to monitor the long-term success of the project.



Photographs of the Whites Creek Bank Stabilization Project Before and After Construction

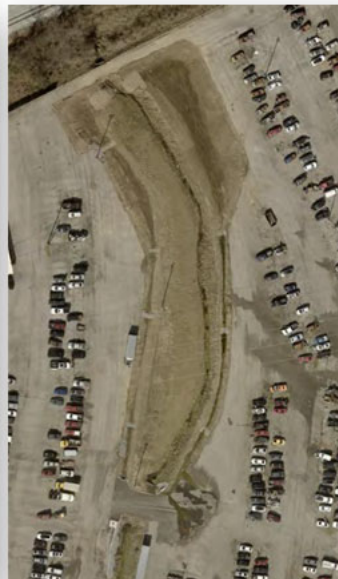
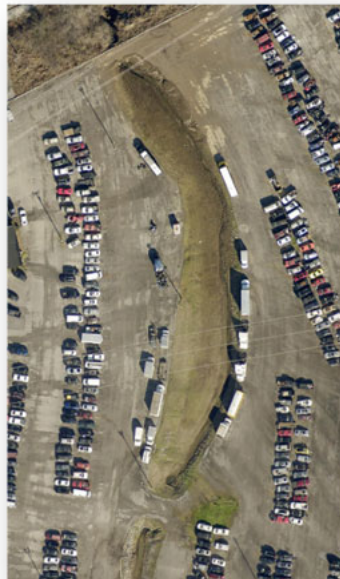
- **Manskers Creek Bank Stabilization** – NPDES also completed a bank stabilization project on approximately 320 linear feet of Manskers Creek along the northern boundary of Davidson County. The project also involved partial reimbursement through the NRCS EWP and Tennessee Department of Agriculture (TDA) 319 program. The project involved the utilization of an innovative engineering articulated concrete product that provided hard armoring, while allowing vegetation to establish along the bank. In FY25, NPDES continued to monitor the long-term success of the project. The banks have remained stable and fully vegetated, therefore reducing the large amount of sediment loss that was occurring prior to the project.





Mansker Creek Bank Stabilization Project Conditions in FY25

- **Police Impound Lot Stormwater Retrofit** - In previous permit years, NPDES worked diligently to finalize accounting approvals and execute a contract with TDEC to receive a percentage of reimbursement funding for the construction of the Stormwater Retrofit Project at the Metro Nashville Police Department (MNP) Impound Lot. In particular, Metro was approved to receive grant funding from the Sewer Overflow and Stormwater Reuse Municipal Grant Program administered through TDEC from the EPA. The stormwater retrofit project involves removing over 9,000 square feet of impervious asphalt and installing grass swales to intercept stormwater sheet flows from the asphalt parking lot and route it through check dams and stormwater detention basins before draining into a small intermittent tributary to the Cumberland River. Metro completed all construction and received TDEC's approval of the as-built in FY25.



Aerial View of the Police Impound Lot Stormwater Retrofit Project Before and After Construction

- **Two Rivers Dog Park Stormwater Retrofit** – Similar to the Pitts Dog Park, NPDES has been developing a project to retrofit the stormwater runoff from the Two Rivers Dog Park to reduce the levels of E. coli and sediment. In FY25, NPDES hired an engineering firm to review a previously developed stormwater retrofit design for the Two Rivers Dog Park and perform any necessary updates to comply with any new technology or requirements from the Parks Department. The project consists of installing two large infiltration basins and native plant (no-mow) infiltration zones. NPDES worked with the MWS Development Services Section to secure the necessary Grading Permit in FY25, and the construction of the project began in August of 2025. At the time of this report the project construction is nearing completion.





Photo of One of the Infiltration Basins During Construction

Stormwater Control Measure Inspection and Maintenance Compliance Program

At the time this report was compiled, Nashville inventoried 8,016 post-construction stormwater control measure structures (SCMs) that have been built to treat stormwater runoff from the developed environment as required by Metro grading permit regulations. These structures include older dry detention ponds, wet retention ponds, water quality vaults, and the relatively new “green features”, such as bioretention basins, infiltration trenches, and pervious pavement. NPDES began expanding its personnel to devote more resources to SCM inspection services in 2017. NPDES’s current work plan includes four personnel dedicated to inspecting SCMs and coordinating with property owners to ensure these structures are being properly maintained in addition to one supervisor that oversees the work done by the inspectors and coordinates with Metro/Non-Metro entities to advance the SCM oversight program. NPDES also has one administrative support staff that receives and processes owner-submitted annual maintenance reports. In FY25, NPDES continued the second cycle of proactive SCM inspections under the expanded program. The second cycle still focuses on priority sites that have not been inspected since the projects have been completely constructed or sites that have not been inspected by Metro within the last 5 years.

During the third year of the second cycle of the expanded NPDES SCM oversight program, NPDES performed inspections and/or re-inspections of nearly 3,584 SCM structures. The continuing use of the current notification process and addition of two more full-time inspectors has seen an increase in the number of initial inspections, notifications, and re-inspections compared to previous years. As a result of the inspection findings, NPDES issued 697 notices to property owners informing them of neglected maintenance needs. While some notices are in verbal or email form, the majority of the 697 notices issued were detailed letters that include inspection findings, a copy of the engineering plans, and photographs of the compliance issues. During FY25, twelve enforcement notices were issued to property owners where SCMs were discovered to have been altered or when SCMs were found to be non-functional due to lack of maintenance. NPDES received an additional 345 owner-submitted annual inspection reports, which has dramatically increased from previous years. Since NPDES expanded the SCM oversight program in 2017, the list of private companies that specialize in SCM inspection and maintenance in the Metro area has grown from 18 to 32, which has allowed our increased notifications to properties requiring SCM maintenance actions to be more easily resolved.

During FY25, coordination meetings continue to occur with MWS Development Services staff to promote practical improvements to newly developed SCM structures and Long-Term Maintenance Plans (LTMP) associated with the development. These meetings included discussions of the difficulties noted during inspections of filter/media water quality units and the common issues noted with LTMPs. During these meetings, it was proposed that manhole opening should show a majority of the treatment/filter vault for water quality units, and MWS would create LTMP template that all sites would use going forward (LTMP template is currently in the review stage at the time of the submittal of this report).



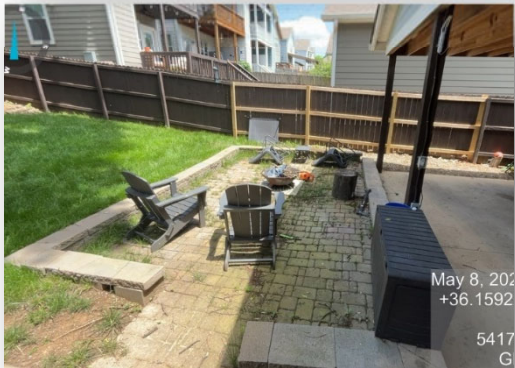
NPDES continues to inspect all the Metro-owned SCMs once a year between January and March. NPDES now inspects 360 grading permit-installed SCMs on Metro properties once a year and coordinates with each department on the maintenance needs of each SCM. In FY25, NPDES continued to require departments to submit an action plan within 90 to 120 days for SCMs they manage with “major” maintenance needs.

NPDES continues to grow the expanded SCM oversight program to ensure SCMs are maintained and operating efficiently to sustain/improve water quality within Davidson County. Some of the measures taken in FY25 and to be undertaken FY26 include the following:

- Re-implementation of an enforcement officer for non-compliant and violation sites.
- Implementation of a uniform LTMP template that all new developments will be required to use/record for grading permit sites.
- Continued coordination with MWS Development Services staff to ensure sites can maintain SCM compliance and are aware of the structures on their properties.
- Performing another SCM Maintenance Workshop requiring SCM maintenance vendors to meet certain requirements and alterations to SCM Maintenance Vendor List.
- Documenting and mapping SCM sites where residential entities (Home Owners Associations and Owners in Common) have dissolved. Determining a legal path forward to address maintenance concerns for SCMs on properties with dissolved ownerships.

Each year, the follow-up coordination with property owners on SCM inspection and maintenance requirements results in hundreds of previously un-maintained SCMs being restored to functional conditions. Some of the successful SCM rehabilitations in FY25 are shown in the photos below:





Photographs of SCMs Before and After Maintenance as a Result of NPDES Coordination



Urban Forestry Program within MWS Stormwater

In 2018, Metro Nashville launched Root Nashville, a campaign to plant 500,000 trees by 2050. Root Nashville is a public-private partnership between the City of Nashville and the Cumberland River Compact, a local water quality-based non-profit that manages the daily operations of the campaign. To date, 62,975 trees have been planted and counted towards the campaign. In order to help meet Root Nashville's goals and improve the management of Nashville's urban forest, the Mayor placed the responsibility for the coordination of urban forestry efforts within the Metro Water Services, Stormwater NPDES Section. The responsibilities of this program involve overseeing street tree inventory, interdepartmental tree meetings, managing the Emerald Ash Borer response, assisting Metro Council with tree legislation, and helping Metro lead by example in tree planting and management on their own properties. In addition to planting on public property, Nashville has allocated \$1.5M a year to its non-profit partners for tree planting on private property.

Metro Water's urban forestry staff now consists of seven members, five of which are certified arborists. They planted almost 3,500 trees in FY25 and are continuing to plant in the right-of-way (ROW) and at Metro schools this fiscal year. The cyclical maintenance cycle for ROW trees has continued, and over 1,700 trees were pruned and/or fertilized last fiscal year. Metro's Water's urban forestry group is concentrating on street trees to help mitigate stormwater runoff from Nashville's streets and sidewalks. NPDES is planning to expand their urban forestry efforts and capacity over the next few years to increase the stormwater quality and quantity benefits provided by Nashville's trees.

Davidson County Soil and Water Conservation within MWS Stormwater

Established in 1946, the Davidson County Soil and Water Conservation District (SWCD) serves as a local subdivision of state government dedicated to promoting land conservation through education, planning, technical assistance, and resource coordination. Formed after the Dust Bowl era to address widespread soil degradation, the District's mission is to protect and sustain Davidson County's natural resources for future generations.

Since 2018, MWS has hosted the Davidson SWCD at the MWS Stormwater NPDES Campus, fostering a strong partnership built on shared goals of protecting water quality and promoting responsible land management. Both programs emphasize education and outreach, engaging residents of all ages through initiatives such as Smart Yards, Scoop the Poop, and MNPS 7th Grade STEAM Expeditions. The District hosts educational, themed lessons and events throughout the year and often supports requests from partners, schools, ag clubs, and community groups to come to speak or assist with conservation projects. With the District residing at Metro NPDES, the regular incorporation of valuable agricultural perspectives from local landowners and ag-centered businesses continues to prove beneficial.

The partnership has already created opportunities to align funding resources around our common goals. In 2020, The District identified that certain Watershed Improvement Fund (WIF) projects under the NPDES Program may qualify for NRCS Emergency Watershed Protection (EWP) funding when critical infrastructure is protected. This approach supported two streambank stabilization projects on Whites Creek and Mansker Creek, allowing NPDES to reinvest additional WIF funds into future water quality improvement projects.

Through collaboration with the US Department of Agriculture (USDA) Farm Service Agency (FSA), Natural Resource Conservation Service (NRCS), the Tennessee Department of Agriculture (TDA), and other community partners, the District connects landowners to technical and financial resources that support soil and water conservation. These programs help reduce erosion, improve water quality and supply, enhance wildlife habitat, and minimize flood-related impacts.

Looking ahead, the Davidson County SWCD and Metro's NPDES Program remain dedicated to expanding collaboration and identifying new, aligned activities that engage residents and landowners in the shared mission of soil and water conservation.



Water Quality Improvement Project (WQIP) Cooperation with the Cumberland River Compact

In 2025, MWS entered into a new cooperative agreement with the CRC to perform a variety of water quality improvement projects throughout various Metro sub-watersheds. This relationship with CRC started many years ago when MWS entered into an agreement with them to assist in performing Supplemental Environmental Projects (SEP) as required from the EPA Consent Decree for MWS' sanitary sewer collections system. MWS extended this agreement even after the consent decree and SEP as it has been identified as having a huge benefit for water quality.

The new WQIP agreement gives MWS the ability to leverage work being performed on private land to improve water quality and provides for even more engagement and education opportunities for Nashville citizens in water stewardship activities. With MWS' agreement commitment of \$500,000 in funding, the following bullets include just some of the deliverables that will be accomplished each year of the 5-year agreement:

- Maintain and replenish four Metro raingardens at selected schools.
- Provide free consultations, classes, plants, construction assistance, and signage to Davidson County residents interested in building rain gardens
- Increase stormwater infiltration through the conversion of 20,000 square feet of turf grass and pavement into native pollinator habitats and tree lawns.
- Plant, monitor, and/or maintain 7,500 square feet of riparian areas at flood buy out properties (as available) and other locations in Davidson County.
- Facilitate 250 linear feet of bank stabilization projects to reduce sediment loading in streams.
- Distribute a DIY guide for stream bank stabilization for property owners upon request and conduct classes annually.
- Facilitate 25 stream adoptions.
- Install two additional in-stream trash collectors and maintain up to four in-stream trash collectors on waterways in Davidson County.
- Provide public education and outreach on water quality, green infrastructure, and ecosystem services.

1.3.2 Other Metro Department Activities

In addition to MWS Stormwater Division activities, many other Metro Departments perform critical roles in promoting improved stormwater quality runoff throughout Metro government.

Metro Parks and Recreation Department

Metro Nashville Parks and Recreation Department (MNPR) has been a key player in improving stormwater runoff and riparian habitat on Metro properties. Below are some of the major MNPR activities that have either been performed or are planned that serve to improve the quality of stormwater runoff:

Environmental Education Programs - Metro Parks Nature Centers have a direct and positive impact on water quality and conservation through its environmental education programs, interpretive exhibits, green facilities, and watershed protection. In FY25, MNPR recorded 136,051 visitors to the nature centers' outdoor recreation programs that included water-themed programs and field trips. In addition, there were more than 200,000 park visitors exposed to water resources education through educational exhibits at the four Metro Parks nature centers. Each of these nature centers also feature amenities that conserve water resources and provide passive education opportunities to visitors. The features include green roofs, water chains, rain barrels, teaching ponds, stream bank restoration areas, pervious paving materials, rain gardens and cisterns.



Parks Land Conservation - The majority of Parks and Recreation Department's 14,000 plus acres and over 111 miles of greenway corridors have continued to be maintained in a natural condition, providing vitally important protection to our watersheds, including many critical headwater streams. Each year MNPR plants many trees on a variety of parks properties. In FY25, Parks continued to convert many previously mowed areas to no-mow zones that will allow increased stormwater treatment on many acres of Parks-owned lands.

Dog Waste Bags - During the reporting year, approximately 414,000 dog waste bags were distributed at MNPR dog park properties. Based on the amount of dog waste bags distributed, it is estimated that approximately 95,220 pounds of dog waste were collected for proper disposal that would have otherwise impacted stormwater runoff.

Nashville Planning Department

Nashville's Planning Department focuses on sustainable development as described in the Community Character Manual, which encourages sustainable development and preservation in Nashville/Davidson County's fourteen community plans that guide future land use entitlements and infrastructure decisions. A foundational principle of the Community Character Manual is the commitment to create sustainable communities through sustainable development. Key strategies include actions to address each property's unique location and geographic features while avoiding sensitive environmental features. This benefits the community by protecting water quality as well as reducing the impact of development on surrounding infrastructure and the community through the use of best practices in stormwater and wastewater management. In addition, the Community Character Manual includes objectives of the EPA and Metro Nashville's Stormwater Management Program, such as incorporating green infrastructure, protecting steep slopes and headwater areas, minimizing and/or recovering floodplain loss, and retaining or re-creating natural stream buffers. The Community Character Manual also includes a section of general principles which highlights the importance of minimizing the impact of development on the natural environment, especially air and water quality, and of integrating green space in developments for preservation, recreation, and healthy lifestyles.

In 2015, the Planning Department completed the city's update to Nashville's General Plan, which was created with city-wide community involvement and input. The process is referred to as NashvilleNext and is the vision and priorities for Nashville/Davidson County for the next 25 years. NashvilleNext includes a Growth & Preservation Concept Map that encourages additional development along the city's corridors and in mixed use centers, while preserving rural areas and areas of sensitive natural features.

One of the four foundations of the plan is a healthy environment. In addition, one of the seven principles in NashvilleNext is to champion the environment. NashvilleNext discusses the importance of how we as a city:

- Build a community founded on land and water conservation, preservation of sensitive environmental conditions, and sustainable development practices.
- Promote efficient transportation and well-designed neighborhoods to achieve healthy living, preserve the natural environment, and encourage resiliency and safety in the face of natural and manmade disasters.
- Sustain the ecological function, resource value, and character of sensitive environmental and rural lands.
- Bring nature into the city through parks, greenways, a healthy urban forest, and clean streams, creeks and rivers.
- Leave future generations an environment that is healthier than today's.

On a day-to-day basis, having quality natural areas better the quality of life for people, plants, and animals. Nashville's current and projected population growth could degrade the current quality of life and jeopardize Nashville's natural and built environment. In addition to the pressure of sheer growth, demographic changes—such as the growth of Baby Boomer and Millennials seeking more compact,



walkable communities and the increase of single-person households and different household composition—will also drive new locations and forms of development in our communities. A renewed emphasis on public outreach, education, and personal responsibility will activate new stewardship to conserve energy, eliminate and reduce waste, preserve land, build high performance buildings, and create a culture of sustainability. Meanwhile, public policies, incentives, and private decision-making must provide a clear direction on what to preserve and how to build and grow our city in a more sustainable fashion than we do today. This will enable us to secure the best Nashville for current and future generations.

NashvilleNext contains seven plan elements. Nashville/Davidson County's natural resources area discussed in three elements—Natural Resources & Hazard Adaptation; Health, Livability & the Built Environment; and Land Use, Transportation & Infrastructure. Each element discusses goals, policies, and actions that guide Nashville's future. Relevant element goals, policies, and actions include to:

- Conserve natural resources in order to mitigate floods and other natural hazards, ensure clean air and water, raise food locally, provide outdoor recreation, and preserve Nashville's culture and character.
- Invest in and increase Nashville's natural environment for beauty, biodiversity, recreation, food production, resiliency, and response to climate change through mitigation and adaptation strategies.
- Preserve Nashville's existing tree canopy, including urban trees, street trees, groves of mature trees, and larger tracts of forested lands.
- Enjoy (all communities) equally high levels of environmental protection, equitable access to nature, and opportunities to improve their health and quality of life.
- Conserve and efficiently use land, energy, water, and resources while reducing waste and pollution.
- Establish a wide-ranging green education campaign that focuses on the "why" and "how" for water conservation, energy efficiency and reductions, recycling and waste reduction, natural resources preservation, and outdoor activity.
- Ensure all communities have access to parks, green areas, cultural amenities, and recreation opportunities that support mental and physical well-being.
- Optimize sewer, water, stormwater, and other infrastructure within Nashville's centers and corridors to prepare for or coordinate with redevelopment. Use green infrastructure to reduce the need for upgrades and to improve streetscapes.
- Reduce the impact of construction on surrounding infrastructure and community through use of best practices in stormwater management, wastewater management, and reducing heat island effect and light pollution.
- Expand programs and institute more complete regulations to protect Nashville's sensitive environmental resources.

In 2021, the Planning Department began work on revisioning Second Avenue after the Christmas Day 2020 bombing as well as a visioning plan for the East Bank. Both areas are adjacent to the Cumberland River as it flows through Downtown Nashville. In previous decades, the Cumberland River has not been activated and incorporated into the city's vitality as it should be. Central to both these studies is activating our riverfront and highlighting the river, not only for the water functions it provides but also as an important component of our city's fabric and cultural resource, including stormwater absorption, green space, parks, greenways, and mobility options in crossing. In FY25, work continued on the Second Avenue and East Bank coordinated development to bring the community visions to life and improve connections to the Cumberland River.

The Planning Department continues its collaboration with Metro Parks and Greenways and the Land Trust for Tennessee by identifying properties that would be good additions to Nashville's open space network. This includes properties that are important to preserve for headwater areas, for wildlife habitat, and for water management in flood-prone areas.



The Planning Department meets with property owners and development professionals daily to discuss property ideas and projects. Potential projects affect watersheds, drainage and absorption patterns, and our city's numerous waterways. Planning staff discuss the importance of preserving sensitive environmental features and working within the natural features of each site and regarding them as community amenities, including features such as waterways, wet weather conveyances, drainage patterns, steep slopes, woodlands, riparian habitat, and mature trees. Where appropriate, Planning staff direct property owners and development professionals to continue those discussions with Metro Water Services and the Stormwater Division for additional guidance and ideas.

MWS Engineering Division (Clean Water Nashville)

The MWS Engineering Division and the Clean Water Nashville (CWN) program oversees the overall functionality of the sanitary sewer systems and have worked diligently to minimize the volume of unintentional discharges of sanitary sewer overflow material to the MS4 and community waterways. MWS has dramatically increased its involvement on projects to reduce overflows from both the Combined Sewer System (CSS) and the Separate Sewer System (SSS) over the last 18 years. In previous years, the Mayor and Council approved a sewer fee rate increase, which increased the funding to implement future large projects to keep up with the unprecedented population growth, while reducing the potential for sanitary sewer overflows. Table 3 lists the major projects completed by the MWS Overflow Abatement Program (OAP), which serves to greatly reduce discharges of sanitary waste to the MS4 or area streams. Table 4 provides a list of future projects that are planned to be completed in future reporting years depending on funding availability.

Table 3 – MWS Engineering Projects Constructed to Reduce Sanitary Overflows

Type of Projects	# of Projects	Miles of Sanitary Lines	Money Spent	Watersheds Where Work was Performed
Sewer Rehabilitation Projects in FY 2025	14	19.75	\$30,000,000	Browns Creek, Collins Creek, Cumberland River, Davidson Branch, Ewin Branch, Little Creek, Mill Creek, Richland Creek, Sandy Creek, Sevenmile Creek, Sugartree Creek, Vaughns Gap Branch, Whites Creek
Sewer Line Replacements in FY 2025	2	0.02	\$2,600,000	Hurricane Creek, Whites Creek
Total Completed Projects in FY 2025	10	6.07	\$19,600,000	Cumberland River, Browns Creek, Davidson Branch, Ewin Branch, Mill Creek, Richland Creek, Sugartree Creek, Sevenmile Creek, Whites Creek



Table 4 – Future MWS Engineering Projects to Reduce Sanitary Overflows

Type of Projects	Miles of Sanitary Lines	Money Spent	Watersheds Performed
Annual Rehabilitation - Earthman Fork: This project was developed to renew aging sewer infrastructure and address overflows by reducing the amount of rainfall that can enter the system through defects. Construction is anticipated to begin in FY2026.	2.2 miles	\$6.2M	Earthman Fork, Whites Creek
Annual Rehabilitation - Ewing South: This project was developed to renew aging sewer infrastructure and address overflows by reducing the amount of rainfall that can enter the system through defects. Construction is anticipated to begin in FY2026.	TBD	\$8.0M	Ewing Creek, Whites Creek
Battlefield Drive Rehabilitation: This project was developed to renew aging sewer infrastructure and address overflows by reducing the amount of rainfall that can enter the system through defects. Construction is anticipated to begin in FY2026.	6.3 miles	\$8.3M	Ewing Creek, Whites Creek
Berwick Trail Pump Station Upgrades: This project was developed to upgrade the Hidden Acres pump station to address overflows by increasing system capacity. Design will continue through FY2026 with construction anticipated to begin in FY2027.	NA	\$7.9M	Cumberland River
Hidden Acres Pump Station Upgrades: This project was developed to upgrade the Hidden Acres pump station to address overflows by increasing system capacity. Design continued through FY2025 with construction anticipated to begin in FY2026.	NA	\$7.3M	Cumberland River
Hopedale Rehabilitation: This project was developed to renew aging sewer infrastructure and address overflows by reducing the amount of rainfall that can enter the system through defects. Construction is anticipated to begin in FY2026.	5.4 miles	\$4.8M	Sevenmile Creek
Sewer Separations: These projects were developed to eliminate the Boscobel, Benedict & Crutcher, and Schrader combined sewer overflows in the typical year by providing separate pipe systems for sanitary sewer flows and stormwater flows, as opposed to the current combined system which conveys both in a single pipe network. Approximately 950 total acres are targeted for sewer separation. Additional infrastructure improvements, such as water distribution improvements, may also be conducted as part of this work.	TBD	\$407M	Cumberland River
Town Village Pump Station Upgrades: This project was developed to upgrade the Town Village pump station to address overflows by increasing system capacity. Design will continue through FY2026 with construction being following permitting (expected FY2027).	NA	\$14.2M	Percy Priest
Vandiver Pump Station Upgrades: This project was developed to address overflows by increasing the capacity of the Vandiver pump station and routing its force main directly to the Dry Creek Water Reclamation Facility. Construction is anticipated to begin in FY2026.	NA	\$30.9M	Cumberland River



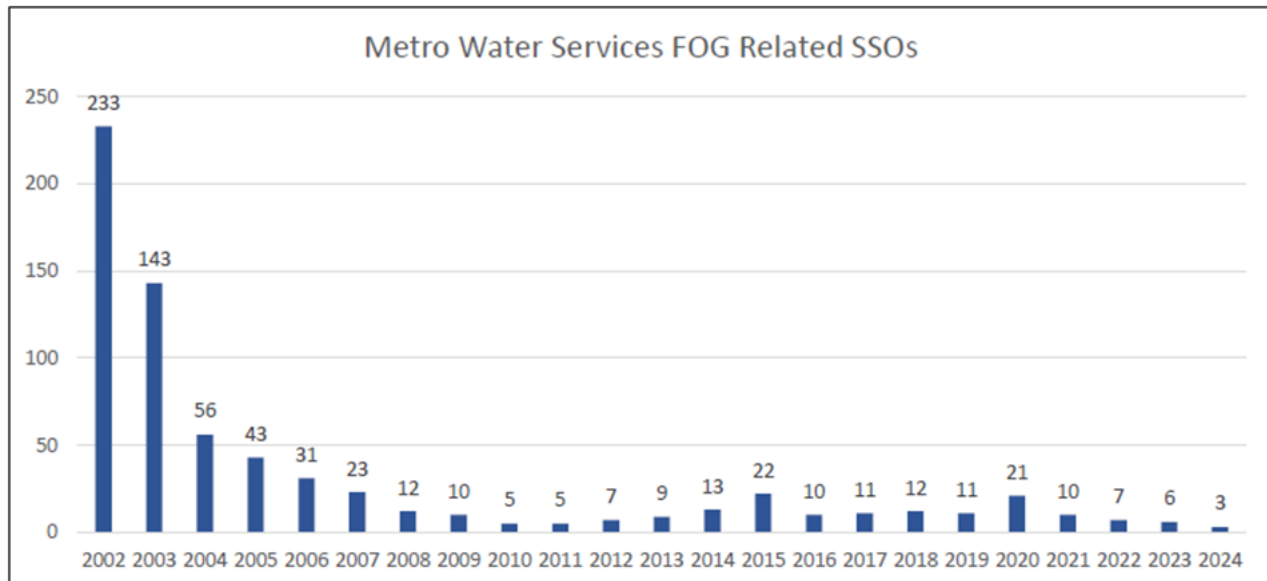
MWS System Services Division

The Metro Water Services System Services Division (SSD) and its contractors continue to inspect and clean sewers to assess conditions and prevent potential overflows. In FY25, SSD and contractors inspected with Closed Circuit TV (CCTV) approximately 1,773,983 linear feet and cleaned approximately 600,231 linear feet of Metro sewer line. During FY25, SSD continuously reviewed information from CCTV sewer inspection reports that indicated sewer problems with grease or roots. In some instances, letters were sent out to notify customers of roots or grease in their private service lines or main lines and recommend corrective actions to prevent private sewer overflows. The estimated/reported MWS sewer overflows for FY25 are depicted in Table 7H.5 within Section 3 of this report.

MWS Environmental Compliance Section

The MWS Environmental Compliance Section proactively inspects grease control equipment at food service establishments to ensure they are being maintained appropriately and functioning to prevent Fats, Oils, and Grease (FOG) from discharging to the sanitary sewer system. In the calendar year of 2024, MWS issued 100 Noncompliance Notifications to food service establishments for a variety of discovered failures in the grease control equipment that, if left uncorrected, could cause Sanitary Sewer Overflows (SSOs) to the MS4.

When FOG is identified as the primary cause of an SSO, Metro Water Services responds by investigating the possible FOG sources and issuing enforcement action notifications as necessary to prevent any future SSO events. For the year 2024, there were 21 SSOs identified as FOG related in which MWS Environmental Compliance performed follow-up coordination and education with the facilities or residences that could have been possible contributors. From the follow-up investigations, only 3 of the SSOs were confirmed to be caused by FOG. In 2024, there were 1,010 FOG educational handouts distributed. Metro Water Services Environmental Compliance personnel, or their FOG program contractor, meet with apartment, condominium, or duplex managers or owners regarding any FOG blockages and SSO problems that occur downstream from their facilities. In addition, MWS Environmental Compliance alerts MWS NPDES staff when issues are found during inspections that may result in impacts to stormwater runoff. As a result of MWS Environmental Compliance efforts, FOG caused SSOs have been dramatically reduced over the years, which directly benefits stormwater runoff.



2.0 MS4 Program Annual Report Form Required By TDEC



Tennessee Department of Environment and Conservation
Division of Water Pollution Control
Enforcement and Compliance Section
L&C Annex, 6th Floor, 401 Church Street
Nashville, TN 37243
TNS068047

Municipal Separate Storm Sewer System (MS4) Annual Report

1. MS4 Information

Nashville/Davidson County Municipal Separate Storm Sewer System (No. TNS068047)

Name of MS4

Michael Hunt/Josh Hayes

Name of Contact Person

615-880-2420

Telephone (including area code)

1607 County Hospital Rd

Mailing Address

Nashville

TN

37218

City

State

ZIP code

What is the current population of your MS4? *Approximately 700,000*

What is the reporting period for this annual report? *The reporting period for this Annual report is from 07/01/2024 to 06/30/2025, which is the 14th reporting period under the current permit. This Annual Report coincides with Metro's Fiscal Year 2025 (FY25) activities. This annual report period took place after the permit's expiration date, which has been administratively extended for Metro to continue to perform all MS4 Permit activities detailed within the permit.*

2. Protection of State or Federally Listed Species

A. Do any of the MS4 discharges or discharge-related activities likely jeopardize state or federally listed species ☐ Yes ☒ No

B. Please attach the determination of the effect of the MS4 discharges on state or federally listed species per subpart *Endangered Species Assessment included in Attachment A.*

3. Water Quality Priorities

A. Does your MS4 discharge to waters listed as impaired on your state 303(d) list? ☒ Yes ☐ No

B. If yes, identify each impaired water, the impairment(s), whether a TMDL has been approved by EPA for each, and whether the TMDL identifies your MS4 as a source of the impairment (See below Checklist). *The below list represents the approved 2024 list.*



Impaired Water	Impairment	Approved TMDL	MS4 Assigned to WLA
East Fork Hamilton Creek (TN05130203-539-1000)	Habitat Alteration, Alteration in stream-side or littoral veg. cover, Siltation	Yes X No	Yes X No
West Fork Hamilton Creek (TN05130203-539-1000)	Habitat Alteration, Siltation	Yes X No	Yes X No
Suggs Creek (TN05130203-232-1000)	Siltation, Nutrients	Yes X No	Yes X No
McCrary Creek (TN05130203-001-0150)	Alteration in stream-side or littoral veg. cover, Nutrients	X Yes No	X Yes No
McCrary Creek (TN05130203-001-0100)	<i>E. coli</i> , Alteration in stream-side or littoral veg. cover, Nutrients, Siltation	X Yes No	X Yes No
Unnamed Trib. to Stoners Creek (TN05130203-035-0400)	Siltation	X Yes No	X Yes No
Stoners Creek (TN05130203-035-1000)	<i>E. coli</i> , Siltation	X Yes No	X Yes No
Stoners Creek (TN05130203-035-2000)	<i>E. coli</i>	Yes X No	Yes X No
Stones River (TN05130203001-1000)	Low DO, Hydrogen Sulfide, Flow Alteration	X Yes No	X Yes No
Scotts Creek (TN051302 03-035-0100)	<i>E.coli</i> , Total Phosphorus, Nutrients, Siltation	Yes X No	Yes X No
Dry Fork Creek (TN05130203-035-0300)	Siltation	Yes X No	Yes X No
West Branch Hurricane Creek (TN05130203-036-0200)	Nutrients, Siltation	X Yes No	X Yes No
Hurricane Creek (TN05130203-036-1000)	<i>E. coli</i> , Siltation, Nutrients,	X Yes No	X Yes No
Mill Creek (TN05130202-007-5000)	Siltation, Nutrients, Low DO	X Yes No	X Yes No
Pavillion Branch (TN05130202007-1500)	<i>E. coli</i> , Other Anthropogenic Habitat Alteration	X Yes No	X Yes No
Percy Priest Reservoir (TN05130203003-2000)	Phosphorus, Total (Threatened)	Yes X No	Yes X No
Holt Creek (TN05130202-007-1100)	<i>E. coli</i> , Nutrients	X Yes No	X Yes No

Impaired Water	Impairment	Approved TMDL	MS4 Assigned to WLA
Owl Creek (TN05130202-007-0900)	Alteration in stream-side or littoral veg. cover, Nutrients	Yes X No	Yes X No
Indian Creek (TN05130202-007-0800)	<i>E. coli</i> , Nutrients, Siltation	X Yes No	X Yes No
Turkey Creek (TN05130202-007-0700)	<i>E. coli</i>	X Yes No	X Yes No
Collins Creek (TN05130202-007-0600)	Alteration in stream-side or littoral veg. cover, Siltation	Yes X No	Yes X No
Whittemore Branch (TN05130202-007-1200)	<i>E. coli</i> , Habitat Alteration	X Yes No	X Yes No
Mill Creek (TN05130202-007-3000)	Nutrients	Yes X No	Yes X No
Sorghum Branch (TN05130202-007-1300)	Habitat Alteration, Siltation, <i>E. coli</i>	X Yes No	X Yes No
Cathy Jo (TN05130202-007-1490)	<i>E. coli</i> , Nitrate+Nitrite, Total Phosphorus, Other Anthropogenic substrate alterations, Siltation	X Yes No	X Yes No
Shasta Branch (TN05130202-007-1410)	<i>E. coli</i> , Other Anthropogenic substrate alterations	X Yes No	X Yes No
Sevenmile Creek (TN05130202-007-1450)	<i>E. coli</i> , Nutrients	X Yes No	X Yes No
Sevenmile Creek (TN05130202-007-1400)	<i>E. coli</i> , Other Anthropogenic Habitat Alteration, Nutrients, Low DO	X Yes No	X Yes No
Finley Branch (TN05130202-007-0300)	<i>E. coli</i> , Other Anthropogenic Habitat Alteration, Nutrients, Sedimentation	X Yes No	X Yes No
Unnamed Trib to Mill Creek (TN05130202007-0300)	Alteration in Stream-side or Littoral Vegetative Cover	Yes X No	Yes X No



Impaired Water	Impairment	Approved TMDL	MS4 Assigned to WLA
Mill Creek (TN05130202-007-2000)	Siltation, Nutrients, Low DO, <i>E. coli</i>	X Yes No	X Yes No
Sims Branch (TN05130202-007-0150)	Other Anthropogenic Habitat Alteration, Low DO, Propylene Glycol	Yes X No	Yes X No
Sims Branch (TN05130202-007-0100)	<i>E. coli</i> , Other Anthropogenic Habitat Alteration, Nutrients, Low DO	X Yes No	X Yes No
Mill Creek (TN05130202-007-1000)	<i>E. coli</i> , Siltation, Total Phosphorus, Low DO	X Yes No	X Yes No
Manskers Creek (TN05130202-220-2000)	<i>E. coli</i> , Siltation, Low DO, Alteration in Streamside or Littoral Vegetative Cover	X Yes No	X Yes No
Lumsley Fork (TN05130202-220-0100)	<i>E. coli</i> , Alteration in Streamside or Littoral Vegetative Cover	X Yes No	X Yes No
Manskers Creek (TN05130202-220-1000)	<i>E. coli</i> , Siltation, Alteration in Streamside or Littoral Vegetative Cover	X Yes No	X Yes No
Unnamed Trib. to Walkers Creek (TN05130202-220-1000)	Flow Alteration	Yes X No	Yes X No
Walkers Creek (TN0513020220-0100)	<i>E. coli</i> , Alteration in Streamside or Littoral Vegetative Cover	X Yes No	X Yes No
West Fork Browns Creek (TN05130202-023-0300)	<i>E. coli</i> , Nutrients, Sedimentation, Other Anthropogenic Habitat Alterations	X Yes No	X Yes No
Middle Fork Browns Creek (TN05130202-023-0200)	<i>E. coli</i> , Other Anthropogenic Habitat Alterations, Nutrients	X Yes No	X Yes No
East Fork Browns Creek (TN05130202-023-0100)	<i>E. coli</i> , Other Anthropogenic Habitat Alterations, Nutrients, Sedimentation, Oil & Grease	X Yes No	X Yes No



Impaired Water	Impairment	Approved TMDL	MS4 Assigned to WLA
Browns Creek (TN05130202-023-1000)	<i>E. coli</i> , Other Anthropogenic Habitat Alterations, Nutrients, Sedimentation, Oil & Grease	X Yes No	X Yes No
Browns Creek (TN05130202-023-2000)	<i>E. coli</i> , Other Anthropogenic Habitat Alterations, Nutrients, Oil & Grease	X Yes No	X Yes No
Richland Creek (TN05130202-314-3000)	<i>E. Coli</i> , Other Anthropogenic Habitat Alterations, Nutrients	X Yes No	X Yes No
Vaughns Gap Branch (TN05130202-314-0750)	<i>E. coli</i> , Other Anthropogenic Habitat Alterations	X Yes No	X Yes No
Vaughns Gap Branch (TN05130202-314-0700)	<i>E. coli</i> , Other Anthropogenic Habitat Alterations, Nutrients	X Yes No	X Yes No
Jocelyn Hollow Branch (TN05130202-314-0800)	<i>E. coli</i> , Nutrients, Other Anthropogenic Habitat Alterations	X Yes No	X Yes No
Richland Creek (TN05130202-314-2000)	<i>E. Coli</i> Other Anthropogenic Habitat Alterations, Nutrients	X Yes No	X Yes No
Sugartree Creek (TN05130202-314-0400)	<i>E. coli</i> , Other Anthropogenic Habitat Alterations, Nutrients, Low DO	X Yes No	X Yes No
Bosley Springs Branch (TN05130202-314-0300)	<i>E. coli</i> , Other Anthropogenic Habitat Alterations, Nutrients	X Yes No	X Yes No
Richland Creek (TN05130202-314-1000)	Other Anthropogenic Habitat Alterations, Nutrients, <i>E. coli</i> , Siltation	X Yes No	X Yes No
Cooper Creek (TN05130202-209-1000)	<i>E. coli</i> , Other Anthropogenic Habitat Alterations	X Yes No	X Yes No
Earthman Fork (TN05130202010_0400)	Alteration in Streamside or Littoral Vegetative Cover	Yes X No	Yes X No
Pond Creek (TN05130202041-1000)	Alteration in Streamside or Littoral Vegetative Cover	Yes X No	Yes X No



Impaired Water	Impairment	Approved TMDL	MS4 Assigned to WLA
Ewing Creek (TN05130202-010-0900)	<i>E. coli</i> , Other Anthropogenic Habitat Alterations, Siltation, Nutrients	Yes X No	Yes X No
Drakes Branch (TN05130202-010-0200)	<i>E. coli</i> , siltation	X Yes No	X Yes No
Whites Creek (TN05130202-010-1000)	Nutrients	Yes X No	Yes X No
Gibson Creek (TN05130202-212-1000)	<i>E. Coli</i> , Other Anthropogenic Habitat Alterations, Nutrients	X Yes No	X Yes No
Neelys Branch (TN05130202-212-0100)	<i>E. coli</i> , Alteration in stream-side or littoral vegetative cover, Other Anthropogenic Habitat Alterations	X Yes No	X Yes No
Dry Creek (TN05130202-027-2000)	Other Anthropogenic Habitat Alterations, <i>E.coli</i>	X Yes No	X Yes No
Dry Creek (TN05130202-027-1000)	<i>E. coli</i> , Other Anthropogenic Habitat Alterations	X Yes No	X Yes No
Loves Branch (TN05130202-211-1000)	Other Anthropogenic Habitat Alterations	Yes X No	Yes X No
Pages Branch (TN05130202-202-1000)	<i>E. coli</i> , Other Anthropogenic Habitat Alterations	X Yes No	X Yes No
Davidson Branch (TN05130202-001T-0700)	<i>E. coli</i> , Other Habitat Alteration	X Yes No	X Yes No
Unnamed Trib. to Cheatham Reservoir (TN05130202-001T-0700)	Iron, TDS	Yes X No	Yes X No
Cheatham Reservoir (TN05130202-001-1000)	PCBs in Fish Tissue	Yes X No	Yes X No
Cheatham Reservoir (TN05130202-001-2000)	PCBs in Fish Tissue	Yes X No	Yes X No
Cheatham Reservoir (TN05130202-001-3000)	<i>E. coli</i> , PCBs in Fish Tissue	X Yes No	X Yes No
Cheatham Reservoir (TN05130202-001-4000)	PCBs in Fish Tissue	Yes X No	Yes X No



Impaired Water	Impairment	Approved TMDL	MS4 Assigned to WLA
Cheatham Reservoir (TN05130202-001-5000)	PCBs in Fish Tissue	Yes X No	Yes X No
Overall Creek (TN05130202-001T-0900)	<i>E. coli</i> , Siltation, Flow Alteration	X Yes No	X Yes No
Otter Creek (TN05130204-021-0100)	Total Phosphorus, Alteration in stream-side or littoral vegetative cover, Siltation, Flow Alteration	X Yes No	X Yes No
Little Harpeth River (TN05130204-021-1000)	Alteration in stream-side or littoral vegetative cover, Siltation, <i>E. coli</i>	X Yes No	X Yes No
Harpeth River (TN05130204-009-2000)	Total Phosphorus, Low DO	Yes X No	X Yes No
Trace Creek (TN05130204-009-0900)	Physical Substrate Habitat Alteration, Siltation	X Yes No	X Yes No
Flat Creek (TN05130204-009-0400)	Alteration in stream-side or littoral vegetative cover, Siltation	Yes X No	Yes X No
Unnamed Trib. to South Harpeth (TN05130204-010-0200)	Flow Alteration	Yes X No	Yes X No
Unnamed Trib. to South Harpeth (TN05130204-010-0300)	Alteration in stream-side or littoral vegetative cover	Yes X No	Yes X No
Harpeth River (TN05130204-009-3000)	Total Phosphorus, Low DO	Yes X No	Yes X No
Beech Creek (TN05130204-009-1100)	Alteration in stream-side or littoral vegetative cover, Siltation	X Yes No	X Yes No

C. What specific sources of these pollutants of concern are you targeting?

Pathogens (pet waste, sanitary sewer leaks), siltation (construction sites), oil & grease (industries/commercial sites), and nutrients (pet waste, sanitary sewer leaks, fertilizer application)

D. Do you have discharges to any Exceptional TN Waters (ETWs) or Outstanding National Resource Waters (ONRWs)?

*A large portion of Metro drains to Mill Creek, which is listed as an ETW due to the presence of the federally endangered Nashville Crayfish (*Faxonius shoupi*). Overall, there are 20 individual stream segments within Davidson County listed as either Exceptional TN Waters or Outstanding National Resource Waters, represented by the below table.*

X Yes ☐ No

Waterbody	Description	Basis for Inclusion
Brentwood Branch	From Sevenmile Creek to origin including tributaries.	Federal endangered Nashville Crayfish.
Collins Creek	From Mill Creek to origin including all tributaries unless listed non-exceptional.	Federal endangered Nashville Crayfish.
Indian Creek	From Mill Creek to origin including tributaries.	Federal endangered Nashville Crayfish
Sevenmile Creek	From Mill Creek to origin including tributaries.	Federal endangered Nashville Crayfish.
Sims Branch	From Mill Creek to origin including tributaries except Merten's Hole (unnamed tributary) on Nashville airport property	Federal endangered Nashville Crayfish.
Sorghum Branch	From Mill Creek to origin including tributaries.	Federal endangered Nashville Crayfish.
Whittemore Branch	From Mill Creek to origin including tributaries.	Federal endangered Nashville Crayfish.
Couchville Lake	Portion in Long Hunter SP.	Long Hunter State Park
Otter Creek including Radnor Lake	Portion in Radnor Lake State Natural Area including Radnor Lake and tributaries within the state natural area.	Radnor Lake State Natural Area. State endangered American Water-pennywort and White Water-buttercup, State threatened Alligator Snapping Turtle.
Turkey Creek	From Mill Creek to origin including tributaries.	Federal endangered Nashville Crayfish.
Ewing Creek	Ewing Creek including unnamed tributaries and associated wetlands from Hillside Road to origin.	State endangered streamside salamander
Sugartree Creek	Sugartree Creek from confluence with Richland Creek to origin including tributaries.	State endangered streamside salamander and Species of Concern water stitchwort.
Cumberland River (Cheatham Reservoir) unnamed tributary wetland	Wetland associated with unnamed tributary (known as Crooked Creek) to Cumberland River (Cheatham Reservoir) near RM 210	The wetland is an inherently valuable resource. The wetland is over 10 acres with multiple types of wetland classes and plant communities in the flood plain of the Cumberland River in Nashville. The size of the wetland is very significant for an urban location where few large, high-quality wetlands remain. The wetland provides significant habitat for migratory birds especially waterfowl. Of equal importance is its function in improvement of storm water quality and attenuation of regional storm water flows prior to entering the Cumberland River.
Little Marrowbone Creek including unnamed tributaries within Beaman Park Designated State Natural Area.	Portions of Little Marrowbone Creek and unnamed tributaries within Beaman Park Designated State Natural Area.	Beaman Park Designated State Natural Area
Bull Run	Portion with Beaman Park Designated State Natural Area.	Beaman Park State Designated Natural Area.
Pages Branch Unnamed Tributaries	From just upstream I-65/I-24 to origin including all tributaries.	State endangered streamside salamander
Ewing Creek unnamed tributary	Unnamed tributary from Ewing Creek to origin including tributaries.	State endangered streamside salamander
Ewing Creek unnamed tributary	Unnamed tributary from Ewing Creek to origin including tributaries.	State endangered streamside salamander
Dry Creek Unnamed Tributary	Unnamed tributary from Dry Creek near Myatt Drive to origin including tributaries.	State endangered streamside salamander
Little Harpeth River Unnamed Tributary	From Hill Forest State Natural Area boundary to origin including any unnamed tributaries.	Hill Forest State Natural Area



- E. Are you implementing additional specific provisions to ensure the continued integrity of ETWs or ONRWS located within your jurisdiction? ☒ Yes ☐ No
☐ N/A

Specific public education activities have been implemented in the past for certain residential areas that drain to the Harpeth River and commercial/industrial areas that drain to Mill Creek. Nutrient and pathogen reduction education has been and will be focused on that area. The Stormwater Maintenance Sections and the MWS Sanitary Sewer Division have been trained on limiting in-creek excavation work within the Mill Creek watershed. Metro also implements a robust construction oversight program to prevent excess sediment from draining to these high valued waterways.

4. Public Education and Public Participation

- A. Is your public education program targeting specific pollutants and sources of those pollutants? ☒ Yes ☐ No

- B. If yes, what are the specific causes, sources and/or pollutants addressed by your public education program?

Pathogens (pet waste), siltation (construction sites), nutrients (residential lawn maintenance & pet waste), and oil & grease (commercial/industrial facilities).

- C. Note specific successful outcome(s) (NOT tasks, events, publications) fully or partially attributable to your public education program during this reporting period.

During the reporting period of FY25, NPDES performed many activities to increase public education and awareness for many diverse stormwater issues, all of which are detailed in Section 4 of this document. In particular, NPDES continued the expanded use of social media platforms to educate a growing number of citizens and stakeholders about stormwater issues and pollution. Three main social media platforms (Facebook, Twitter, and Instagram) were utilized to reach local citizens. Typical content of the posts focused on drawing the connection of storm drains to our local water resources to encourage the general public to work towards reducing pollution. Various types of visual media were used to depict the kinds of pollutants that can end up in our streams and how Metro residents can do their part to reduce it. Pollutants that were specifically targeted included lawn chemicals, lawn waste, pet waste, and general trash. During FY25, MWS issued a total of 148 stormwater-related posts that reached 147,896 viewers. NPDES also continued to perform specific stormwater educational events, such as participating in citywide events with educational booths, presenting on stormwater topics at various venues, distributing neighborhood-specific door hangers, sending out email notices, etc. During FY25, NPDES reached an estimated audience size of 7,163 with these direct educational techniques.

- D. Do you have an advisory committee or other body comprised of the public and other stakeholders that provides regular input on your stormwater program?

Metro has a Stormwater Management Commission (SWMC) that reviews cases where development/redevelopment activities are unable to meet specific provisions of the stormwater regulations and hears appeals of violation decisions by the Director's office. The members of the commission are appointed by the Mayor's office. The SWMC monthly meetings are televised on the Metro Nashville Network which provides visibility of Metro stormwater matters as well as public education.

☒ Yes ☐ No

E. Provide a summary of all public meetings required by the permit.

Metro has various agencies that perform projects involving public meetings. For example, the MWS Stormwater Remedial Maintenance Section holds meetings for certain large-scale maintenance projects on an as-needed basis. MWS maintains a webpage for all large Metro construction projects. The Metro General Services Department holds various public meetings for large Metro Development activities. In addition, the Metro Planning Commission provides numerous opportunities designed to receive feedback from the general public or other stakeholders on a routine basis. Information on public meeting opportunities can be found at the following website link:

<https://www.nashville.gov/departments/water/news>

<https://www.nashville.gov/departments/water/projects>

<https://www.nashville.gov/departments/planning/boards/planning-commission/meetings>

MWS Stormwater also specifically facilitates monthly meetings with the Stormwater Management Commission for sites appealing specific stormwater regulations. These meetings are available for the public to view and/or attend and comment and are advertised on the internet and at the property in question with a standard public notification sign. During the reporting period, Metro Stormwater facilitated 13 separate SWMC meetings. More information about the SWMC process as well as meeting minutes from each meeting is available at the following website:

<https://www.nashville.gov/departments/water/boards/stormwater-management-commission/meetings>

5. Codes and Ordinances Review and Update

A. Is a completed copy of the EPA Water Quality Scorecard submitted with this report? A copy of the scorecard was submitted in the FY12 annual report (First Year of this current permit cycle). ☐ Yes ☒ No

B. Include status of implementation of code, ordinance and/or policy revisions associated with permanent Stormwater management.

MWS Stormwater has already developed and revised a new volume of the Stormwater Management Manual (SWMM) (Volume 5) dedicated to promoting/incentivizing the use of Low Impact Development (LID) techniques for post development stormwater management. In 2007, Metro was promoting/incentivizing the use of runoff reduction/100% pollution reduction practices but still allowed development sites to utilize standard stormwater quality treatment practices of 80% total suspended solids (TSS) removal. In February of 2016, Metro revised the SWMM to require all development activities to pursue runoff reduction practices for stormwater quality treatment, unless certain site constraints were demonstrated to be present (i.e. high ground water table, clay soils, karst areas, brown fields, etc.). MWS Stormwater has developed a waiver process for sites that due to site limitations are requesting to revert to the standard water quality treatment practices. At the time this report was developed, MWS received 715 LID Waiver requests. As a result, a total of 616 of the requests were eventually approved (some with conditions). During previous years, MWS began revising the entire SWMM to improve the overall stormwater regulations of development, including updating some of the LID controls and requirements. The update to the SWMM became effective in November 2021, which is still in effect. MWS is planning to initiate the SWMM update process once the new MS4 Permit is issued.

6. Construction

A. Do you have an ordinance or adopted policies stipulating:

Erosion and sediment control requirements?

X Yes ☐ No

Other construction waste control requirements?

X Yes ☐ No

Requirement to submit construction plans for review?

X Yes ☐ No

MS4 enforcement authority?

X Yes ☐ No

Have you developed written procedures for site plan review and approval?

X Yes ☐ No

Do the written procedures for site plan review and approval include an evaluation of plan completeness and overall BMP effectiveness?

X Yes ☐ No

Have you developed written procedures for managing public input on projects?

☐ Yes X No

(See Notes)

Metro Nashville manages public input in a variety of different ways throughout various departments. There are no written procedures for managing the public feedback as there are numerous departments involved with various projects. Please refer to the above section on public engagement on stormwater development projects. MWS also publishes a list of Metro construction projects that have received coverage under a TDEC Construction General Permit once a month, which is posted on the following Metro web page:

<https://www.nashville.gov/departments/water/news/public-notice-metro-construction-projects-within-davidson-county-10>

Over previous years, Metro Nashville has also implemented an online forum called hubNashville for citizens to provide feedback or submit complaints, which can also be utilized to comment on Metro construction projects. Below is a link to hubNashville: https://hub.nashville.gov/s/?language=en_US

Have you developed written procedures for site inspection and enforcement?

X Yes ☐ No

Have all MS4 Inspectors maintained certification under the [Tennessee Fundamentals of Erosion Prevention and Sediment Control](#), Level 1?

X Yes ☐ No

Have all MS4 site plan reviewers maintained certification under the [Tennessee Fundamentals of Erosion Prevention and Sediment Control](#), Level 2?

X Yes ☐ No

Most of the engineers have taken the Level 2 training, however, a few of the newer engineers who have not taken the training have a Professional Engineer's (P.E) license, which also satisfies the MS4 permit requirement.



B. How many active construction sites disturbing at least one acre were there in your jurisdiction this reporting period?

Refer to attached Table 6B.1. In FY25, there were 226 grading permits issued, while 219 grading permit sites were completed (signed-off). Not all of the Grading Permits were for sites disturbing over an acre (requiring a TDEC General Construction Stormwater Permit). All sites that disturb over an acre are required to also obtain a grading permit and must have coverage under the State's General Construction Stormwater Permit prior to receiving a Metro Grading Permit. At the end of FY25, there were 866 active grading permits as Metro requires permits for grading over 10,000 square feet (and certain other criteria per Chapter 3 of Volume 1 of the Metro SWMM).

C. How many of these active sites did you inspect this reporting period?

NPDES Section performed 9,189 construction-related inspections in FY25. The inspections were performed on Grading Permit sites under construction and complaint inspections of construction activity without permits. In addition, MWS Stormwater also provides oversight and guidance to small residential construction activities usually with total disturbed area of less than 10,000 square feet (not requiring a standard Metro grading permit). Refer to the attached Table 6C.1 for small construction project oversight numbers.

D. On average, how many times each, or with what frequency, were these sites inspected (e.g., weekly, monthly, etc.)?

Monthly

NPDES inspects all active construction sites at least once per month. Some sites become inactive and have no exposed soils. These sites are inspected on a less frequent basis (until the site reaches final closure).

E. Do you prioritize certain construction sites for more frequent inspections?

X Yes ☐ No

If Yes, based on what criteria?

*All **active** permit sites with active grading are prioritized to receive inspections at least once per month. This meets and exceeds the permit requirement to perform monthly inspections of 303(d) listed siltation-impaired streams. Some sites may be awaiting final as-built reviews but are relatively stable. These sites do not receive the same level of priority inspections.*

7. Illicit Discharge Elimination

A. Have you completed a map of all known outfalls and receiving waters of your storm sewer system?

X Yes ☐ No

B. Have you completed a map of all known storm drain pipes of storm sewer system?

X Yes ☐ No



C. How many outfalls have you identified in your system?

Metro has migrated several iterations of mapping updates of Stormwater infrastructure into our Metro Geographic Information System (GIS). During previous reporting periods, MWS Stormwater's contractor completed a project to re-delineate the outfall layer (grid by grid) with the focus of verifying "actual" MS4 permitted outfalls. While the focus was mapping MS4-permitted outfalls, NPDES also had the contractor create the following two outfall layers: 1) Sub-MS4 Outfalls – Outfalls within the MS4 system upstream of the discharge point to Waters of the State, but usually where two large systems combine; and 2) Private Outfalls – Point at which Stormwater from private properties drain to either Waters of the State or MS4. Currently there are 12,106 MS4-permitted Outfalls, 429 Sub-MS4 Outfalls, and 2,481 Private Outfalls mapped within Metro's GIS database. Please note that in determining the point at which MS4 outfalls drain to Waters of the State, NPDES had to assume the streams layer in GIS was an accurate representation of actual streams, even though the coverage is more of an estimate and has not been field-verified. Also, MWS Stormwater hired a contractor in previous permit years to begin collecting more-detailed information on storm drains in certain watersheds as part of the overall Master Planning efforts. As part of the project, the contractor is updating the MS4 Inventory System as well as collecting invert elevations on certain inlets and pipes, so future flood modelling can be performed. The field inventory work for the Master Planning efforts continued during FY25 and will take several more years to complete.

D. How many of these outfalls have been screened for dry weather discharges?

In previous permit years, NPDES received approval from TDEC to implement a new form of field screening, where up to three commercial and industrial properties are screened within ½ mile grids for potential stormwater runoff issues such as exposed grease, waste materials, sediment, etc. Prior to this change, NPDES inspectors were required to look only at infrastructure points for potential illicit discharges, which was very time consuming and produced very few pollution reduction results. Refer to Attachment B for complete coordination on modifications to the field screening program. As a side note, due to the ongoing MS4 Inventory project, mentioned above, our contractors are regularly inspecting the MS4 infrastructure and notify us if unusual flows are observed.

During FY25, NPDES screened 179 separate ½ mile grids for potential stormwater runoff issues, which included looking at 382 separate business practices and/or infrastructure points. Most of these field screening points were re-inspections of grids/businesses previously screened.

E. How many of these have been screened more than once?

None are required to be screened twice per our new permit. However, if a non-stormwater/"illicit" flow is suspected, NPDES initiates an IDDE investigation that is documented within the Cityworks database until the illicit discharge is eliminated. When NPDES inspectors find site management issues, they initiate education actions with site management and usually return within a few days to determine if corrective actions have taken place. At the end of FY23, all of the commercial/industrial ½ mile grids were screened once. In FY24, NPDES began re-screening the grids, prioritizing the hot areas first. The re-screening continued throughout FY25.



F. What is your frequency for screening outfalls for illicit discharges?

All 2,094 ¼ mile commercial and industrial-zoned grids were screened by the end of Year 5 of the MS4 permit (January 31, 2017). This requirement is no longer in effect with the approved modification to this program element per the administrative extension agreement. Despite this, NPDES is committed to continuing regular routine dry weather field screening practices, as the newly defined process has yielded very positive results. After year five of the permit, the field screening grid database was updated and NPDES began re-screening all the grids. NPDES completed a first screening of all these grids at the end of FY23 and began rescreening those same grids in FY24 and continued the re-screening inspections during FY25.

G. Do you have an ordinance that effectively prohibits illicit discharges? X Yes ☐ No

H. During this reporting period, how many illicit discharges/illegal connections have you discovered (or been reported to you)?

In FY25, there was 1 confirmed significant illicit discharge in which NPDES issued a Notice of Violation and associated administrative penalty to the property owner. In addition to the confirmed illicit discharges, NPDES initiated 143 separate (non-construction) new water quality investigations during FY25, most of which originated from citizen complaints. Refer to Table 7H.1 for a complete listing of the 143 IDDE investigations initiated during FY25. There were also 4 separate after-hours spill response-specific investigations and 2 sanitary sewer-specific discharge investigations initiated by NPDES during the reporting period (refer to Tables 7H.2 and 7H.3 respectively.) Please note that some spills and sanitary sewer overflow response activities are logged as general water quality investigations. In addition to NPDES water quality-related investigations, the Metro Health Department investigates reports of failing septic sewer systems and coordinates with property owners to abate any confirmed failures. In FY25, there were 6 failing septic systems with sewage on the ground that were abated/repared due to the Health Department's coordination efforts. A listing of failing septic system investigations can be found in Table 7H.4.

Of those illicit discharges/illegal connections that have been discovered or reported, how many have been eliminated?

All illicit discharge violations found during the reporting period were rectified swiftly and eliminated.

J. Do you have the authority to recover cost for addressing illicit discharges? X Yes ☐ No

We have appropriate language in our Code but have never pursued the option.

8. Stormwater Management for Municipal Operations

A. Have Stormwater pollution prevention plans (or an equivalent plan) been developed for Municipal operations:

NPDES developed a comprehensive Stormwater Management Plan (SWMP) in 2012, which was submitted in a previous annual report. The SWMP included site-specific Runoff Management Plans (RMPs) for key municipal Operations and Maintenance (O&M) facilities, which are plans equivalent to SWPPPs. Since the time the original SWMP and associated RMPs were developed, NPDES has developed additional RMPs for newly identified O&M facilities. Below is a list of current Metro operated O&M sites in which a SWPPP or RMP has been developed:

- MWS Stormwater Maintenance Facility (County Hospital Road)
- MWS Lebanon Road Facility

- Metro Transit Authority (Nestor Street) Bus Maintenance Shop
- Metro Transit Authority (Myatt Drive) Bus Maintenance Shop
- Metro Nashville Public Schools Bus Maintenance Shop
- Shelby Park Golf Course Maintenance Shop
- Ted Rhodes Golf Course Maintenance Shop
- Two Rivers Golf Course Maintenance Shop
- Harpeth Hills Golf Course Maintenance Shop
- Percy Warner Golf Course Maintenance Shop
- McCabe Golf Course Maintenance Shop
- Cedar Hill Park Maintenance Shop
- Warner Park Golf Course
- Cane Ridge Park Maintenance Shop
- NDOT Maintenance Facility (5th Street)
- Nashville Fairgrounds Facility
- Metro Police Department Impound Lot

In FY25, NPDES continued to perform random audit inspections on some of the RMP facilities. Minor exposure issues were noted at some of the facilities, and NPDES coordinated with each of the site managers to ensure any necessary corrective actions were completed. Also, in FY25, NPDES developed the new MWS Lebanon Road RMP.

All municipal parks, ball fields and other recreational facilities X Yes ☐ No

RMPs were developed for O&M facilities such as golf course and park maintenance facilities. RMPs were not developed for every ball field location.

All municipal turf grass/landscape management activities (See Note Above) X Yes ☐ No

All municipal vehicle fueling, operation and maintenance activities. X Yes ☐ No

As per the MS4 Permit, RMPs were created for Municipal O&M facilities, some of which include fueling stations. Some fueling sites are stand-alone with no other maintenance operations present, and RMPs were not necessary (although spill kits are at those locations).

All municipal maintenance yards. All O&M facilities located within the MS4. X Yes ☐ No

All municipal waste handling and disposal areas X Yes ☐ No

SWPPPs were created for the Central Wastewater Treatment Plant and the Dry Creek Wastewater Treatment Plant as they retained a Tennessee Multi-Sector Permit for Industrial Stormwater runoff. In previous permit years, MWS applied for and received no-exposure certification for the Central Wastewater Treatment Plant, due to some changing processes that have occurred over the years. As it currently stands, Dry Creek is the only wastewater treatment plant that is currently required to have TMSP coverage. Metro Nashville does not operate any large waste transfer facilities or transfer stations, as it contracts those services out to private companies. Metro does operate some recycling/waste collection facilities where residents can bring their waste to put in large compactor dumpsters, and NPDES has worked with Metro Waste Services in the previous years to correct runoff issues and does routinely inspect these facilities for runoff issues.



B. Are Stormwater inspections conducted at these facilities? X Yes ☐ No

Each O&M facility where the RMPs were implemented requires on-site personnel to perform monthly grounds inspections. In FY25, NPDES personnel performed audit inspections of all the O&M facilities.

If Yes, at what frequency are inspections conducted? See above answer

C. Have standard operating procedures or BMPs been developed for all MS4 field activities? (e.g., road repairs, catch basin cleaning, landscape management, etc.) X Yes ☐ No

SOPs have been developed for most of the major O&M field activities. MWS posted all of the RMPs, individual water quality SOPs, and a general MS4 educational video to an internal Metro intranet/SharePoint web page for each O&M Department to train their own field staff.

D. Do you have a prioritization system for storm sewer system and permanent BMP inspections? X Yes ☐ No

In the first year of this permit cycle, NPDES submitted a BMP Maintenance Verification Plan to TDEC that outlined a multipronged strategy to ensure permanent Stormwater Control Measures (SCMs) are being properly maintained. The strategy varies according to which set of Metro's regulations the SCMs were constructed under. The plan includes some inspections by NPDES personnel as well as requiring owner/operators to perform their own inspections/maintenance annually. Since the original SCM maintenance verification plan was submitted to TDEC, NPDES has re-evaluated this process and has decided to dedicate a greater number of resources to ensuring the proper maintenance of these structures. NPDES found that there was very low participation in the owner self-inspection/reporting requirements for newly installed SCMs. In addition, NPDES discovered that some of the inspection and maintenance reports that were submitted were not accurate and lacking in content.

During previous permit years, NPDES expanded resources dedicated to SCM inspection and maintenance oversight. In FY25, NPDES maintained an average staff level dedicated to SCM inspection and maintenance oversight of 5 staff members (1 manager, 4 inspectors and 1 administrative support staff). Current organization of the SCM inspection and maintenance program is further explained in Section 1.3.1 of this document.

E. On average, how frequently are catch basins and other inline treatment systems inspected?

Varies depending on numbers of complaints or other maintenance tasks.

F. On average, how frequently are catch basins and other inline treatment systems cleaned out/maintained?

Frequency of cleanings depends on conditions. The Stormwater Maintenance Section has developed a rain route list of common stormwater infrastructure sites that clog with debris, leaves, gravel, and sediment on a frequent basis. Maintenance crews visit and clean out these sites and perform maintenance prior to many large rain events. Depicted within Table 8F.1 is a summary of some of the major routine maintenance activities performed on MS4 Stormwater infrastructure during FY25. It is estimated that approximately 15,143 cubic yards of material were removed from

the MS4 ditches and culverts, 11,174 stormwater inlets were cleaned, and approximately 102,675 square feet of erosion control matting was deployed during the FY25 reporting period. In addition to performing routine maintenance and cleaning of stormwater infrastructure, the Nashville Department of Transportation (NDOT) also operates a preventative maintenance program by aggressively sweeping public “curb and gutter” streets. NDOT prioritizes certain streets for sweeping activities based on the accumulation of material on the street. Refer to Table 8F.2 for street sweeping collection numbers in FY25.

In addition to the routine maintenance activities such as inlet and pipe cleaning, MWS Stormwater also performs various large projects to correct neighborhood flooding issues. In previous reporting periods, NPDES coordinated with the MWS Stormwater Remedial Maintenance group to complete a water quality evaluation form for each large flood control project. As a result, engineers are being asked to consider use of green infrastructure or other low impact design techniques. Based on the water quality evaluation sheets submitted, NPDES was able to estimate that the large flood control projects designed during FY25 would provide the following benefits to water quality.

- Redefining and stabilization of approximately 552 linear feet of open storm channel, and
- Removal of approximately 22 linear feet of concrete-lined ditches.

G. Have all applicable municipal employees received training, as identified in each of the following permit sections:

Illicit discharge detection and elimination

X Yes ☐ No

If Yes, identify the number of municipal employees trained.

Throughout the majority of FY25, the Permit Group section within NPDES had 8 people that were readily available to investigate and enforce on illicit discharge issues. Training includes internal training from senior staff and the National Stormwater Center Certified Stormwater Inspector training program. In addition to the primary on-call personnel, there were 13 additional staff members within the NPDES office that could respond to complaints of illicit discharges. Note: NPDES has also worked with various MWS O&M sections to properly identify and report illicit discharges. Also, please note that staff levels can fluctuate each year due to staff attrition.

Construction site stormwater runoff control

X Yes ☐ No

If Yes, identify the number of municipal employees trained:

At the time this report was completed, there were 20 NPDES staff members that had adequate training (TDEC Level 1 EPSC Workshop) to respond to and inspect Stormwater runoff from construction activities. Eight of the employees are dedicated fulltime to inspecting development sites under construction. Note that staff levels can fluctuate each year based on staff attrition.

Permanent stormwater management in new development and redevelopment

X Yes ☐ No

If Yes, identify the number of municipal employees trained

During FY25, there was an average of 13 engineers employed within the MWS Development Services Section that performed some form of review and approval of the design of permanent

stormwater management controls for grading permits. The current internal policy for the MWS Development Services is to require all review engineers to take the TDEC Level II Design Principles for Erosion Prevention and Sediment Control for Construction Sites at least once. In addition to the TDEC Level II training, all inspectors within the NPDES Section that perform inspections on SCMs go through the UT Water Research Center Stormwater Control Measures Inspection and Maintenance training and certification program.

Pollution prevention/good housekeeping for municipal operations

X Yes ☐ No

If Yes, identify the number of municipal employees trained:

In FY25, NPDES continued to utilize the internal SharePoint website with newly updated training materials and Runoff Management Plans (RMPs) that was previously coordinated with all the various departments' maintenance staff to ensure they viewed the training materials. NPDES added training materials to the SharePoint site in FY25 for the newly developed RMP sites.

9. Permanent Stormwater Controls

A. Do you have an ordinance or other mechanism to require:

Site plan reviews of all new and re-development projects?

X Yes ☐ No

Maintenance of Stormwater management controls?

X Yes ☐ No

Retrofitting of existing BMPs with green infrastructure BMPs?

X Yes ☐ No

MWS Stormwater compiled a new volume to the Stormwater Management Manual (SWMM). Volume 5 (also referred to as the LID Manual) provides specifications for development or redevelopment sites to follow in installing "green" stormwater control measures. The requirements with this manual became mandatory in February 2016 for new development or significant redevelopment. Please note that some of the specifications with Volume 5 were updated in the latest updates to the overall SWMM, which went into effect in November 2021. NPDES will likely be initiating an update to the SWMM in FY26.

B What is the threshold for new/redevelopment Stormwater plan review? (e.g., all projects, projects disturbing greater than one acre, etc.)

Metro actually has more stringent requirements for development than TDEC's Construction General Permit. All development or redevelopment sites grading more than 10,000 square feet must obtain a Metro grading permit. In order to obtain a grading permit, engineered plans must be submitted to the Stormwater Development Review Section for review and approval per Metro's stormwater regulations. All developments increasing the impervious footprint are required to install permanent stormwater treatment measures for water quality and quantity per Metro SWMM criteria.

C. Have you implemented and enforced performance standards for permanent Stormwater controls?

X Yes ☐ No

D. Do these performance standards go beyond the requirements found in paragraph 3.2.5.2 and require that pre-development hydrology be met for:

Flow volumes (New LID Manual deals with reductions in site runoff volumes)

X Yes ☐ No

Peak discharge rates

X Yes ☐ No

Discharge frequency

☐ Yes X No

Flow duration

☐ Yes ☒ No

E. Please provide the URL/reference where all permanent Stormwater management standards can be found.

<https://www.nashville.gov/departments/water/developers/stormwater-review/stormwater-management-manual>

F. How many development and redevelopment project plans were reviewed for this reporting period?

According to queries of Metro permit tracking database Cityworks, there were 3,277 plans submitted to the MWS Development Review Section during FY25. This number includes initial grading permit plans, re-submitted plans, as-built final submittals, etc. Refer to attached Table 9F.1 for the total number of plans reviewed by Stormwater Development Review staff in FY25.

G. How many development and redevelopment project plans were approved?

According to queries of Metro permit tracking database Cityworks, there were 2,968 plans approved during FY25. This number includes initial grading permit submittals, final as-built signoffs, etc. Refer to Table 9F.1 for a complete listing. A better reflection of actual new development projects approved for construction would be the number of grading permits issued. In FY25, there were 226 grading permits issued.

H. How many permanent Stormwater management practices/facilities were inspected?

There were an estimated 3,584 SCM structures inspected/reinspected by NPDES staff during FY25. This is an estimate based on database queries grading permit properties inspected as NPDES tracks inspections within the database based on individual site grading permits. This number of inspections also includes re-inspections of grading permit properties to verify that the necessary maintenance was performed after initial coordination with the site. Most properties have multiple SCMs; therefore, when a property is inspected or re-inspected, several SCM structures often get inspected.

How many were found to have inadequate maintenance?

Of the 3,584 SCM structures inspected by NPDES in FY25, inspectors issued 697 notices to properties that were found to have issues requiring moderate to major maintenance needs. These notices include verbal notices in person or over the phone, formal letters, and/or emails.

J. Of those, how many were notified and remedied within 30 days? (If window is different than 30 days, please specify)

While NPDES has numerous informal conversations with SCM owners about the maintenance status of their SCM(s), performing the necessary maintenance on SCM takes time and not all of the SCMs in need of maintenance were remediated within 30 days. A rough estimate would be around 50% of them were maintained within 30 days of the notice. NPDES performs follow-up compliance inspections when no response is received after an average of 90 days of the notices sent. There are many nuances involved in identifying responsible parties associated with residential "open space" SCMs. Some of these residential-owned structures can take several months to bring into compliance.



K. How many enforcement actions were taken that address inadequate maintenance?

In FY25, 12 enforcement notices were issued to property owners for SCM maintenance issues, mostly involving sites that have made unauthorized alterations to the structures (i.e. modification of a small bioretention basin into a level, turfed back yard area).

L. Do you use an electronic tool (e.g., GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance? X Yes ☐ No

NPDES uses the Cityworks permitting database to track inspections, follow-up notifications, etc. The Cityworks database is a city-wide database that is used by all Metro departments to track permits ranging from plumbing permits to grading permits. The database tracks compliance by the property/parcel that the permit is tied to. MWS Stormwater NPDES also tracks each SCM structure within a GIS database, which is used to coordinate and plan inspections. All documentation notes involving inspection and maintenance records are recorded within the Cityworks database and is associated with the site's original grading permit.

M. Do all municipal departments and/or staff (as relevant) have access to this tracking system? All departments and general public can access the locations of SCMs on the parcel viewer program on Nashville's Planning Department website. X Yes ☐ No

N. Has the MS4 developed a program to allow for incentive standards for redeveloped sites? X Yes ☐ No

O. How many maintenance agreements has the MS4 approved during the reporting period? Approximately 226, which is an assumed number based on the number of grading permits issued during FY25.

10. Industrial and High-Risk Runoff

A. Has the MS4 developed and implemented a program to monitor and control pollutants in runoff from the following types of industrial and high-risk facilities and activities:

Municipal landfills All municipally operated landfills in Metro were closed years ago. The Metro Waste Services Department oversees all closed landfills' associated groundwater monitoring. X Yes ☐ No

Hazardous waste treatment, storage, and disposal facilities X Yes ☐ No

Industries subject to reporting requirements pursuant to SARA Title III section 313 X Yes ☐ No

Industrial facilities that the MS4 determines are contributing a substantial loading of pollutants to the municipal separate storm sewer system X Yes ☐ No

B. Has the MS4 maintained a database of industrial and high-risk facilities and activities in the City which includes the following types of industries:

- municipal landfills;
- hazardous waste treatment, storage, and disposal facilities;
- industries subject to reporting requirements pursuant to SARA Title III, Section 313; and

- industrial and commercial facilities that the permittee determines are contributing a substantial loading of pollutants to the municipal separate storm sewer system.

During the first permit year of this permit cycle, NPDES built a robust industrial inspection database that comprises the above categories of industrial properties. In addition to the above category of industrial sites (Metro is required to inspect), NPDES has also included within the database all of the industrial facilities with active Tennessee Multi-Sector Permits (TMSPs) for industrial Stormwater runoff, all facilities with active Ready Mix Concrete Permits (RMCPs), and all facilities with active individual NPDES permits to discharge process water. The database is a Microsoft Access database that is interactive with GIS. Please note that most TMSP or RMCP sites do not qualify as industrial facilities subject to SARA Title III, Section 313 reporting requirements and are not required to be inspected by Metro per the current MS4 permit.

Those listed in 10 (A) above X Yes ☐ No

Facilities covered by individual NPDES permits X Yes ☐ No

Facilities covered under the TMSP X Yes ☐ No

Facilities regulated by the pretreatment program; X Yes ☐ No

The MWS Pre-treatment Program inventories all sites with industrial user wastewater discharge permits and would provide them to NPDES upon request. The Pre-treatment Program notifies NPDES when they become aware of stormwater issues on these sites.

C. Has the MS4 updated the database of industrial and high-risk facilities and activities at least yearly? X Yes ☐ No

If yes, provide a listing of any additionally identified industrial and high-risk facilities and activities which discharge stormwater into the MS4:

Facility/Activity

Refer to the attached Table 10.C.1 for a listing of all the industrial facilities NPDES has inventoried into the database. Metro also inventoried other industrial facilities such as TMSP and RMCP facilities, which are not required to be inventoried. NPDES routinely adds facilities to the database based on reviews of the TDEC permitting database.

D. Has the MS4 developed and implemented procedures, including an inspector manual and checklist, for routine inspections of industrial and high-risk facilities and activities?

NPDES has created a Standard Operating Procedure (SOP) for performing inspections of industrial facilities. NPDES has also performed numerous co-inspections with TDEC Nashville Field Office staff to ensure the industrial inspection process reviews site controls and paperwork similarly to TDEC inspection staff.

X Yes ☐ No



E. Is the MS4 performing these inspections at such a rate that all required industries will be inspected at least once every three years?

As per the MS4 permit, NPDES is required to inspect all SARA Title III, Section 313 industrial facilities once every 3 years. NPDES completed all of the inspections of facilities designated as having the SARA Title III, Section 313 and Treatment, Storage and Disposal (TSD) facilities by the end of the permit term (January 31, 2017). Following completion of these inspections, NPDES sent a letter to TDEC that addressed the planned modifications to inspections of industrial facilities during the transition/"administrative extension" period before the new permit is reissued. A copy of this letter can be found in Attachment B of this document. The new inspection focus during the transition/"administrative extension" period between permits will be based on the types of industrial facilities that typically have the most exposed materials that can pose a risk to stormwater runoff. TDEC approved the new approach and, in FY25, NPDES vastly increased the number of inspections on facilities that typically have more pollutant exposure issues, which has resulted in an overall reduction of exposed industrial product draining to the MS4.

X Yes ☐ No

F. Provide a listing of inspections performed during this reporting year:
During FY25, NPDES performed 92 formal industrial inspections, some of which include re-inspections. Refer to Table 10.F.1 for a list of Industrial Facilities that were inspected during FY25.



11. Enforcement

A. Identify which of the following types of enforcement actions you used during the reporting period, indicate the number of actions, the minimum measure (e.g., construction, illicit discharge, permanent stormwater control) or note those for which you do not have authority: *Please note that Stop Work Orders are included as part of the same Notice of Violation for construction sites. The enforcement data below are for grading permit sites involving the grading of more than 10,000 square feet. MWS Development Services also issues enforcements for Single Family Residential (SFR) developments. In FY25, MWS Development Services issued 53 NOVs that included an assessment of \$19,950 in administrative penalties.*

Action	Construction	Permanent Stormwater Controls	Illicit Discharge	Authority?
Notice of violation	<u>43</u>	<u>2</u>	<u>1</u>	X Yes ☐ No
Administrative Penalties	<u>\$16,772</u>	<u>\$350</u>	<u>\$200</u>	X Yes ☐ No
Stop Work Orders	<u>24</u>	<u>#</u>	<u>#</u>	X Yes ☐ No
Civil penalties	<u>#</u>	<u>#</u>	<u>#</u>	☐ Yes X No
Criminal actions	<u>#</u>	<u>#</u>	<u>#</u>	☐ Yes X No
Administrative orders	<u>#1 Environmental Court Case</u>	<u>#1 Environmental Court Case</u>	<u>#</u>	X Yes ☐ No
Other:	<u> </u>	<u>12 Notices of Non Compliance</u>	<u>4 Notices of Non-Compliance</u>	X Yes ☐ No

B. Do you use an electronic tool (e.g., GIS, database, spreadsheet) to track the locations, inspection results, and enforcement actions in your jurisdiction? X Yes ☐ No

C. What are the 3 most common types of violations documented during this reporting period?
Failure to maintain erosion prevention and sediment control measures, illicit discharges from construction and non-construction sites, and grading without applying for or receiving a Metro Grading Permit.

12. Program Resources

A. What was your annual expenditure to implement the requirements of your MS4 NPDES permit and SWMP this past fiscal year?

In FY25, NPDES, which oversees various MS4 compliance activities, operated under a budget of \$5,633,200 (including the separate budget for the Urban Forestry Program). NPDES also operated the additional capital budget of \$425,000 for the Watershed Improvement Fund. The overall MWS Stormwater Division's budget, which includes NPDES, Development Services Review engineers, Stormwater Master Planning and Stormwater Maintenance, was \$34,191,100. Please note that various other Metro Departments, while not included in this budget analysis, perform activities that contribute to MS4 permit compliance.

B. What is next fiscal year budget for implementing the requirements of your MS4 NPDES permit and SWMP?

The FY26 budget includes \$5,841,700 dedicated to the Stormwater NPDES/Urban Forestry Section (with a \$425,000 budget for the Watershed Improvement Fund. The overall Stormwater Department is operating under a budget of \$35,102,400.

C. Do you have an independent financing mechanism for your Stormwater program? X Yes ☐ No

D. If so, what is it/are they (e.g., Stormwater fees), and what is the annual revenue derived from this mechanism?

Source: Stormwater User Fee; Estimated Amount \$37,804,409 (collected in FY25)

E. How many full-time employees does your municipality devote to the Stormwater program (specifically for implementing the Stormwater program vs. municipal employees with other primary responsibilities that dovetail with Stormwater issues)?

The anticipated FY26 budgeted Stormwater staff includes 134 employees with 19 current vacancies.

F. Do you share program implementation responsibilities with any other entities? ☐ Yes X No

Entity	Activity/Task/Responsibility	Your Oversight/Accountability Mechanism
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13. Evaluating/Measuring Progress

A. What indicators do you use to evaluate the overall effectiveness of your Stormwater Management Program, how long have you been tracking them, and at what frequency? Note that these are not measurable goals for individual BMPs or tasks, but large-scale or long-term metrics for the overall program, such as in-stream macroinvertebrate community indices, measures of effective impervious cover in the watershed, indicators of in-stream hydrologic stability, etc.?

For over 16 years, the NPDES Watershed Group has been performing detailed sampling for TMDL streams throughout Metro, some of which is proactive and not required per the MS4 permit. The data collection has proven beneficial in identifying segments of streams where pollutants are elevated or within water quality standard criteria. Please refer to the attached Table 13A.1 (TMDL Sampling Data) for the complete quarterly sampling results for the FY25 reporting period. Please note that previous Annual Reports contained additional data for monitoring conducted during those reporting periods. NPDES performs various monitoring activities as prescribed by the MS4 Permit. The MS4 permit-required sampling (i.e., Wet Weather Monitoring, Ambient Sampling, and Benthic Sampling) was changed in the current iteration of the permit (See Attachment B). The NPDES Watershed Group routinely analyzes the sampling data to determine if negative trends are observed within any of the sampled tributaries. When negative trends are found, NPDES performs source tracking investigations. Whenever identifiable sources are not found, NPDES considers initiating targeted public education campaigns in those watersheds to address other potential impacts, such as pet waste or overfertilization. The MS4 Permit-prescribed Ambient Sampling and Benthic Sampling data is summarized in Table 13A.3 and Table 13A.4 respectively. NPDES's Watershed Group collected approximately 227 water quality samples and performed visual stream assessments on approximately 109,694 linear feet of 303(d)-listed streams within FY25.

Over the years, NPDES has also looked at other non-analytical data to evaluate the program's effectiveness. Refer to Table 13A.2 (SWMP Quantifiable Statistics). Many of the functions such as IDDE efforts, public education, etc. that NPDES performs do not easily translate into quantifiable loading reduction numbers. As an attempt to quantify pollutant loading reduction numbers from various sources, NPDES hired a contractor in previous years to develop a database that will track loading reductions of structural and non-structural controls implemented as part of Metro's SWMP. This database is known as the Watershed Improvement Evaluation System (WIES) and is cloud/web-based, which allows NPDES to track pollutant reduction efforts of current SWMP elements as well as potential benefits through program modifications. Specific tables and graphs of FY25 estimated pollutant loading runoff numbers and pollutant loading reduction efforts by SWMP structural and non-structural controls are presented in Attachment C.

B. Provide a summary of data (e.g., water quality information, performance data, modeling) collected in order to evaluate the performance of permanent Stormwater controls installed throughout the system. This evaluation may include a comparison of current and past permanent Stormwater control practices.

Please refer to the answer above and Section 3 of this document for a summary of various water quality data collected by NPDES during this reporting period. As mentioned above, a more comprehensive evaluation of pollutant reduction estimates of major SWMP program elements is included in Attachment C.



C. What environmental quality trends have you documented over the duration of your Stormwater program? (If you have reports or summaries, you can either attach them electronically, or provide the URL to where they may be found on the Web.) *As mentioned above, NPDES has actually found fewer illicit discharges to the MS4 over the years. This reduction in actual confirmed illicit discharges to the MS4 can be contributed to a robust IDDE program and increased public awareness. In addition, there have been fewer notices of violations issued for construction site infractions. Middle Tennessee contractors have become acutely aware of Metro's construction site requirements and enforcement program and, therefore, have increasingly complied with our regulations. It has also been noted that many of the concerns from citizens usually involve relatively minor issues as compared to concerns reported in the beginning of the NPDES program many years ago.*

14. Stormwater Management Program Update

A. Describe any changes to the MS4 program, per Section 3.5 of the permit, during the reporting period including but not limited to:

Changes adding (but not subtracting or replacing) components, controls, or other requirements.

At the end of year 5 of the current MS4 permit, NPDES submitted a request to change the dry weather field screening, industrial monitoring, and wet weather sampling elements for the transition/"administrative extension" period between permit expiration and reissuance. (Refer to Attachment B) NPDES also requested these items to be adjusted in the reissued permit as well. NPDES analyzed work hours per each task verses the benefit to the program in hopes of developing the most efficient and effective program possible. A summary of the proposed changes can be found in Attachment B. NPDES made some adjustments to the IDDE enforcement policies and IDDE SWMP narrative from recommendations of the TDEC CEI conducted in the previous permit year. Those amendments to the SWMP are included in Attachment B of this document. Overall, NPDES has been pleased with the increased efficiency and effectiveness of the adjusted SWMP programs. In FY25, NPDES updated the Field Screening SOP to reflect the current process of entering data in the field using a tablet instead of documenting on hard copy maps. The updated copy can be found in Section 4 of this document.

Changes to replace an ineffective or unfeasible BMP.

Refer to above answer

Information (e.g., additional acreage, outfalls, BMPs) on program area expansion based on annexation or newly urbanized areas.

Just prior to the issuance of this cycle of the MS4 permit, the former satellite city of Lakewood voted to dissolve and become part of Metro Nashville and Davidson County. Upon that transition becoming official, NPDES field screened the commercial areas for potential illicit discharge connections, inventoried and added all of the Stormwater infrastructure into the GIS database, and began performing stormwater maintenance services for the newly annexed area.

Changes to the program as required by the division.

Please refer to the explained SWMP narrative changes and enforcement policy changes that resulted from the TDEC CEI.



15. Certification

This report must be signed by a ranking elected official or by a duly authorized representative of that person. See signatory requirements in subpart 5.7 of the permit.

"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."

Michael Hunt - ^{Services} WATER MANAGER
Printed Name and Title


Signature

12/2/25
Date



3.0 Required MS4 Reporting Tables

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Table 6B.1 – Grading Permit Projects Initiated/Completed within FY25

Year	Preconstruction Meetings	Grading Permits Issued	Permits Completed
Total FY03	257	198	102
Total FY04	305	270	159
Total FY05	284	271	220
Total FY06	296	252	196
Total FY07	251	239	188
Total FY08	222	165	205
Total FY09	148	109	238
Total FY10	146	121	117
Total FY11	130	135	131
Total FY12	152	142	153
Total FY13	167	138	133
Total FY14	249	318	159
Total FY15	292	276	259
Total FY16	268	254	217
Total FY17	297	262	203
Total FY18	331	311	264
Total FY19	345	327	250
Total FY20	312	283	285
Total FY21	351	308	237
Total FY22	291	290	206
Total FY23	258	255	214
Total FY24	264	240	295
Total FY25	243	226	219
Total	5,859	5,390	4,650



Table 6C.1 – Small Construction Site Oversight in FY25

New Infill Permits Issued	1,109
Follow up site visits for Infill Developments	8,175
NOVs Issued to Single Family Residential Development	53
NOV Administrative Penalties issued for Single Family Residential Stormwater Violations	\$19,950

Note: Midway through FY15, Metro passed new legislation establishing the new Infill Development Permits. Projects that create 800 to 15,000 square feet of additional net impervious area through new development, redevelopment, or rehabilitation of a residential structure in existing neighborhoods are required to obtain Infill Development Permits. As such, MWS Stormwater staff provides oversight to require stormwater controls to be installed to treat stormwater runoff during and after construction, which is above and beyond MS4 permit requirements.



Table 7H.1 – Illicit Discharge (Non-Construction-Related) Investigations Initiated during FY25

Case Name	Location	Initiated Date	Initiated By Name
Broken Sewer Service	1310 Kenmore Ct 37216	6/26/2025	Kevin Turner
Discharge From Shower Trailer	701 Gallatin Pike S 37115	6/25/2025	Kevin Turner
Broken Sewer Service	1310 Kenmore Ct 37216	6/24/2025	Kevin Turner
Trash Dumping	1801 Meridian St 37207	6/17/2025	Kevin Turner
Transformer Leaking	712 51st Ave N 37209	6/17/2025	Kevin Turner
MWS SSO	5817 Nolensville Pike 37211	6/9/2025	Kevin Turner
Sediment Loss From Const	7075 Old Harding Pike 37221	6/9/2025	Kevin Turner
Arby's Grease Overflow	4097 Nolensville Pike 37211	6/6/2025	Kevin Turner
Oil In Catch Basin	1220 Polk Ave 37210	6/6/2025	Kevin Turner
Private Sewer Service Issue	1218 Coarsey Dr 37217	6/5/2025	Kevin Turner
Oil Discharge To Ms4	1611 Rebecca St 37216	6/5/2025	Kevin Turner
Substance On Curb	3803 Whitland Ave 37205	6/5/2025	Kevin Turner
Private Sso Apt	249 Plum Nelly Cir 37027	6/5/2025	Kevin Turner
Pool Discharge	3803 Whitland Ave 37205	6/3/2025	Kevin Turner
Dumping Wash Water	219 Emmitt Ave 37115	5/30/2025	Robert Topolski
Grease Trap Fire	9 Hermitage Ave 37210	5/28/2025	Gretchen Judkins
Food Truck Fog Dumping	122 4th Ave S 37201	5/19/2025	Kevin Turner
Sewer Discharge From Mobile Home	3991 Dickerson Pike 37207	5/19/2025	Kevin Turner
Private Overflow	1400 Gallatin Pike N 37115	5/19/2025	Kevin Turner
Discharge Of Fog	903 Gleaves St 37203	5/19/2025	Kevin Turner
Sediment Discharge	216 Shady Grove Rd 37214	5/19/2025	Kevin Turner
Burger King Fog Overflow	5231 Old Hickory Blvd 37076	5/19/2025	Kevin Turner
Paint Washing	501 Metroplex Dr 37211	5/19/2025	Kevin Turner
Sewer Complaint	3111 Clarksville Pike 37218	5/12/2025	Kevin Turner
I24 Fuel Spill	0 Brick Church Pike 37207	5/8/2025	Kevin Turner
Pond Dye	2349 Brittany Dr 37206	5/5/2025	Kevin Turner
Leaves In Ditch	604 Georgetown Dr 37205	5/5/2025	Kevin Turner
Dumping And Flooding	4808 Linbar Dr 37211	5/2/2025	Kevin Turner
Private Sso	3333 Cain Harbor Dr 37214	5/2/2025	Kevin Turner
Oil Spill In Road	880 Oakwood Terrace Dr 37013	4/25/2025	Kevin Turner
Oil Staining In Street	1609 Essex Ave 37216	4/25/2025	Kevin Turner
Possible Chemical Release	50 Century Blvd 37214	4/18/2025	Matthew Lockhart
Tracking Out From Logging	0 Old Hickory Blvd 37189	4/16/2025	Gretchen Judkins
Apt Sewer Overflow	308 Plus Park Blvd 37217	4/16/2025	Gretchen Judkins
Waste In Storm Drains	411 Woodycrest Ave 37210	4/11/2025	Gretchen Judkins
Private SSO	1147 Duncanwood Dr 37204	4/9/2025	Kevin Turner
Laundry Mat Discharge	1074 Murfreesboro Pike 37217	4/4/2025	Kevin Turner
Debris Dumping	1320 Brick Church Pike 37207	4/1/2025	Kevin Turner
Private SSO	2701 W Linden Ave 37212	4/1/2025	Kevin Turner
Product Spill	90 Van Buren St 37208	3/31/2025	Kevin Turner
Private SSO	129 Shacklett Lane Ct 37013	3/31/2025	Kevin Turner
MWS SSO	1517 Heritage View Blvd 37115	3/31/2025	Kevin Turner
Private Sso	4960 Edmondson Pike 37211	3/26/2025	Kevin Turner
Mulch In Storm Drain	928 Springlane Dr 37135	3/26/2025	Kevin Turner



Table 7H.1 – Illicit Discharge (Non-Construction-Related) Investigations Initiated during FY25 (Continued)

Case Name	Location	Initiated Date	Initiated By Name
Trash Debris In Storm Channel	9116 Old Charlotte Pike 37143	3/21/2025	Kevin Turner
MWS SSO	3230 Clarksville Pike 37218	3/20/2025	Kevin Turner
MWS SSO	1513 Dallas Ave 37212	3/20/2025	Kevin Turner
Semi Accident Fuel Spill	8035 Whites Creek Pike 37080	3/20/2025	Kevin Turner
Sediment Discharge	4041 Hillsboro Cir 37215	3/20/2025	Kevin Turner
Waste Water Dumping	2400 Antioch Pike 37013	3/10/2025	Kevin Turner
Casey's Product Spill	6420 Centennial Blvd 37209	3/4/2025	Kevin Turner
Fog Dumping	123 Ewing Dr #9 37207	3/3/2025	Kevin Turner
Sewer Odor Storm Drain	4724 Dunfield Dr 37013	2/28/2025	Kevin Turner
Oil And Trash Dumping	5264 Tusculum Ct 37211	2/28/2025	Kevin Turner
Used Oil Container	209 Woodmaker Ct 37214	2/28/2025	Kevin Turner
Sso In Storm Ditch	500 Lynnwood Blvd 37205	2/27/2025	Kevin Turner
Staining In Storm Ditch	532 Shoreline Ln 37013	2/27/2025	Kevin Turner
MWS SSO Cleanup	517 Cathy Jo Cir 37211	2/26/2025	Kevin Turner
Broken Ariel Crossing	275 Stewarts Ferry Pike 37214	2/26/2025	Kevin Turner
Grease Dumping Into Storm	777 Tulip Grove Rd 37076	2/21/2025	Kevin Turner
Potential Discharge To Ms4	1914 B Castleman Dr 37215	2/19/2025	Kevin Turner
Food Truck Discharge	6303 Robertson Ave 37209	2/13/2025	Kevin Turner
Oil Sheen In Ditch	1002 Industrial Dr 37138	2/7/2025	Kevin Turner
Algae Complaint	2749 Smith Springs Rd 37217	2/6/2025	Kevin Turner
Broken Grease Interceptor	20 Harding Mall Dr 37211	2/6/2025	Kevin Turner
Private Sewer	2133 Antioch Pike 37013	2/3/2025	Kevin Turner
Sewer Overflow	406 21st Ave S 37203	1/30/2025	Kevin Turner
Diesel Spill	6418 Centennial Blvd 37209	1/30/2025	Kevin Turner
Sidewalk Repair	3200 River Walk Dr 37214	1/22/2025	Kevin Turner
Fill And Tracking	4934 Old Hickory Blvd 37218	1/22/2025	Kevin Turner
Staining Around Containers	103 Iris Ave 37138	12/27/2024	Kevin Turner
Private Sewer Issue	2604 Paddle Wheel Dr 37214	12/27/2024	Kevin Turner
Suspicious Discharge	2011 Richard Jones Rd 37215	12/17/2024	Kevin Turner
Sediment Discharge	34 Music Sq E 37203	12/16/2024	Kevin Turner
Trash And Debris In Storm Channel	741 Myatt Dr 37115	12/16/2024	Kevin Turner
Suspicious Discharge	520 Brick Church Park Dr 37207	12/16/2024	Kevin Turner
Milky Discharge To SCM	2815 Brick Church Pike 37207	12/16/2024	Kevin Turner
Grease Dumping	6317 Charlotte Pike 37209	12/12/2024	Kevin Turner
Sewer Overflow Private	400 Raintree Pl 37076	12/12/2024	Kevin Turner
Truck Leaking Fuel	1717 Hobson Pike 37013	12/12/2024	Kevin Turner
Oil Dumping	1600 County Hospital Rd 37218	12/12/2024	Kevin Turner
Overflowing Grease Trap	4112 Nolensville Pike 37211	12/12/2024	Kevin Turner
Overton Apartments Sewage	4960 Edmondson Pike 37211	12/3/2024	Joshua Hayes
Airport Titrator	1 Terminal Dr 37214	11/22/2024	Kevin Turner
Private Septic Issue	4831 Brick Church Pike 37072	11/22/2024	Kevin Turner
Concrete Washing	74 Trimble St 37210	11/22/2024	Kevin Turner
Accident Fuel Spill	3801 Hillsboro Pike 37215	11/20/2024	Kevin Turner
Concrete Slurry	515 Upsall Dr 37013	11/19/2024	Kevin Turner



Table 7H.1 – Illicit Discharge (Non-Construction-Related) Investigations Initiated during FY25 (Continued)

Case Name	Location	Initiated Date	Initiated By Name
Staining In Roadway	3908 Rock Creek Dr 37013	11/19/2024	Kevin Turner
Truck Leaking Product	70 Twin St 37209	11/19/2024	Kevin Turner
Sewer Seep From Ground	907 12th Ave S 37203	11/8/2024	Kevin Turner
Private Sewer Overflow	2243 Kline Ave 37211	11/8/2024	Kevin Turner
Private Sewer Discharge To Ms4	1113 Battery Ln 37220	11/7/2024	Kevin Turner
MWS SSO	312 Broadmoor Dr 37216	10/31/2024	Kevin Turner
Grease In Parking Lot	5011 Louisiana Ave 37209	10/28/2024	Kevin Turner
Elevated E. coli in tributary	323 B Forest Park Rd 37115	10/23/2024	Kevin Turner
Sewer Issue	5130 Nolensville Pike 37211	10/18/2024	Kevin Turner
Suspicious Watch In Culvert	3442 Golf Club Ln 37215	10/18/2024	Kevin Turner
Sewer Overflow	2656 B Lakevilla Dr 37217	10/10/2024	Kevin Turner
Staining Around Dumpsters	331 Gallatin Pike N 37115	10/10/2024	Kevin Turner
Sewer Routed To Storm	4723 Andrew Jackson Pkwy 37076	10/10/2024	Kevin Turner
Gen Jackson Sewer Issue	577 Opry Mills Dr 37214	10/3/2024	Kevin Turner
CSX Gasoline in Groundwater	4671 Trousdale Dr 37204	10/2/2024	Kevin Turner
Sewer In Storm	4723 Andrew Jackson Pkwy 37076	10/2/2024	Kevin Turner
Strong Odor Near Storm	4918 Timberdale Dr 37211	10/2/2024	Kevin Turner
Private SSO	2950 Baby Ruth Ln #27 37013	10/1/2024	Kevin Turner
Possible Spill From Construction	0 Perimeter Place Dr 37214	9/26/2024	Kevin Turner
Dumping In Storm	4228 Rachel Donelson Pass 37076	9/25/2024	Kevin Turner
Clogged Storm Drains	3802 Nolensville Pike 37211	9/23/2024	Kevin Turner
Private Sewer Overflow	201 E Webster St 37115	9/17/2024	Kevin Turner
Pipe Routed To Creek	3863 Cantarutti Rd 37080	9/16/2024	Kevin Turner
Apartment Sewer Issue	100 Ridgelake Pkwy 37209	9/16/2024	Kevin Turner
Belle Arbor Complaints	1805 Belle Arbor Dr 37207	9/16/2024	Kevin Turner
Lift Station Overflow	2950 Baby Ruth Ln #27 37013	9/13/2024	Kevin Turner
Sewer In Yard	520 Rosedale Ave 37211	9/11/2024	Kevin Turner
Sewer Odor	906 Free Silver Rd 37207	9/11/2024	Kevin Turner
Sewer Issue	520 Rosedale Ave 37211	9/11/2024	Kevin Turner
Leaves In Storm Drain	2410 Elliott Ave 37204	9/5/2024	Kevin Turner
Food Truck Dumping Storm	507 Donelson Pike 37214	9/4/2024	Kevin Turner
Discharge During Dry Weather	2813 Brick Church Pike 37207	8/30/2024	Kevin Turner
Grinder Pump Failure	302 Old Lebanon Dirt Rd 37076	8/23/2024	Kevin Turner
Trash From Encampment	0 Bell Rd 37013	8/21/2024	Kevin Turner
Unknown Discharge In Bio	1665 Hobson Pike 37013	8/21/2024	Kevin Turner
Oil Dumping In Storm	3752 Seasons Dr 37013	8/19/2024	Kevin Turner
Private Sewer Issue	237 French Landing Dr 37228	8/14/2024	Kevin Turner
Plaza Mariachi Grease	3955 Nolensville Pike 37211	8/12/2024	Kevin Turner
Suspicious Flow In Storm Drain	556 Acklen Park Dr 37205	8/12/2024	Kevin Turner
Wendy's Private Sewer	741 Thompson Ln 37204	8/12/2024	Kevin Turner
Private Sewer Issue	912 Kalvesta Ct 37013	8/12/2024	Kevin Turner
Odor In Creek	1501 Autumn Ridge Dr 37207	8/9/2024	Kevin Turner



Table 7H.1 – Illicit Discharge (Non-Construction-Related) Investigations Initiated during FY25 (Continued)

Case Name	Location	Initiated Date	Initiated By Name
BK Private Overflow	7116 Highway 70 S 37221	8/9/2024	Kevin Turner
Neely's Bend Boat Ramp Boat Sinking	2043 Neelys Bend Rd 37115	8/9/2024	Joshua Hayes
Dumping In Storm Drain	233 Clipper Ct 37211	8/1/2024	Gretchen Judkins
Grease Dumping In Storm	4228 Rachel Donelson Pass 37076	7/26/2024	Kevin Turner
Dumping In Storm	2508 Solomon Ln 37207	7/25/2024	Kevin Turner
Sewer Odor	5403 B Centennial Blvd 37209	7/25/2024	Kevin Turner
Orkin Spill	8020 McCrory Ln 37221	7/23/2024	Kevin Turner
Sewer Odor	1411 C Boscobel St 37206	7/23/2024	Kevin Turner
Material Dumping In Roadway	1331 B Baptist World Center Dr 37207	7/19/2024	Kevin Turner
Trash In Catch Basin	417 Dawn Dr 37211	7/19/2024	Kevin Turner
Sediment Discharge	3801 Knight Dr 37189	7/16/2024	Kevin Turner
Laundry Mat Overflow	504 Donelson Pike 37214	7/8/2024	Kevin Turner
White Van Storm Drain	602 Jones St 37138	7/8/2024	Kevin Turner

Note: Some of these investigations were proactive water quality investigations of Metro's O&M facilities.



Table 7H.2 – Spill Response Investigations Initiated by NPDES during FY25

Case Name	Location	Initiated Date	Initiated By Name
13011 Old Hickory Blvd TA Travel Fuel Spill	13011 Old Hickory Blvd 37013	1/28/2025	Josh Hayes
Fuel Spill - 3507 Central Pike	3507 Central Pike	1/15/2025	Dale Binder
Diesel Fuel Spill - Tea Garden Way	4013 Tea Garden Way 37013	10/7/2024	Dale Binder
Multiple Auto Wreck -	Bell Road	8/21/2024	Dale Binder

Table 7H.3 – MWS Sewer Discharge Investigations Initiated by NPDES during FY25

Case Name	Location	Initiated Date	Initiated by Name
MWS SSO	100 Honey Creek Ln 37211	2/13/2025 15:23	Kevin Turner
Sewage Seepage Into Channel	1697 Golf Club Rd 37138	12/3/2024 12:47	Gretchen Judkins



Table 7H.4 – Metro Health Department Failing Septic Tank Investigations during FY25

Date Received	Street Name	Health Depart Personnel	Date Investigated	Sewage on the Ground	Date Abated
6/28/2024	6176 Pettus Road	Alexander	7/1/2024	Y	7/24/2024
8/28/2024	1866 Reynolds Road	Alexander	9/4/2024	N	N/A
9/3/2024	4317 Pecan Valley Road	Alexander/McCanless	9/9/2024	N	N/A
9/6/2024	9074 Old Charlotte Pk	Alexander/McCanless	9/9/2024	N	N/A
9/6/2024	3075 Elm Hill Pk	Alexander/McCanless	9/11/2024	N	N/A
9/18/2024	5765 River Rd	Alexander/McCanless	9/18/2024	N	N/A
10/3/2024	2231 Clay Lick Dr	Michie/McCanless	10/7/2024	N	N/A
11/15/2024	6077 Old Hickory Blvd	Alexander/McCanless	11/20/2024	N	N/A
11/25/2024	4831 Brick Church Pk	Alexander/McCanless	11/26/2024	Y	In Court
11/26/2024	8428 Rolling Hills Dr	Alexander/McCanless	11/27/2024	N	N/A
11/22/2024	8676 Poplar Creek Rd	Alexander/McCanless	11/26/2024	N	N/A
12/23/2024	2376 Baker Road	Alexander	12/30/2024	N	N/A
1/21/2025	9470 Highway 96	Alexander/McCanless	1/22/2025	N	N/A
1/23/2025	6503 Grayson Court	Alexander/McCanless	1/27/2025	N	N/A
1/29/2025	116 Pineywood Acres	Alexander/McCanless	1/31/2025	N	N/A
1/31/2025	104 Babbs Drive	Alexander/McCanless	2/3/2025	N	N/A
2/4/2025	4805 Lickton Pike	Alexander/McCanless	2/4/2025	N	N/A
2/3/2025	3647 Old Clarksville Pike	Alexander/McCanless	2/4/2025	N	N/A
2/7/2025	4835 Old Hickory Blvd	Alexander/McCanless	2/7/2025	N	N/A
2/12/2025	2718 Pennington Bend Road	Alexander/McCanless	2/21/2025	N	N/A
2/18/2025	2225 Clay Lick Dr	Alexander/McCanless	2/21/2025	N	N/A
2/18/2025	1632 Hudson Rd	Alexander/McCanless	2/20/2025	N	N/A
3/14/2025	114 Two Rivers Ct	Alexander/McCanless	3/17/2025	N	N/A
3/20/2025	6476 Lickton Pike	Alexander/McCanless	3/21/2025	N	N/A
3/20/2025	3186 Ivey Point	Alexander/McCanless	3/21/2025	N	N/A
3/27/2025	3518 Earhart Road	Alexander/McCanless	3/28/2025	N	N/A
3/26/2025	3640 Pinhook Dr	Alexander/McCanless	3/28/2025	Y	7/9/2025
3/26/2025	981 Old Lebanon Dirt Rd	Alexander/McCanless	3/28/2025	Y	Resolved Unknown Date
3/27/2025	2981 Clay Lick Rd	Alexander/McCanless	3/31/2025	N	N/A
3/28/2025	3120 Freeman Hollow	Alexander/McCanless	3/31/2025	N	N/A
4/1/2025	2964 Greer Road	Alexander/McCanless	4/2/2025	N	N/A
4/11/2025	7197 Old Hickory Blvd	Alexander/McCanless	4/16/2025	N	N/A
4/10/2025	6247 Pettus Road	Alexander/McCanless	4/17/2025	N	N/A
5/12/2025	2474 Clay Lick Rd	Alexander/McCanless	5/16/2025	Y	Ongoing
5/28/2025	8304 Old River Road	Alexander/McCanless	5/29/2025	Y	Ongoing
6/4/2025	8733 Haselton Road	Alexander/McCanless	6/6/2025	N	N/A
6/23/2025	3268 Freeman Hollow Road	McCanless	6/23/2025	N	N/A



Table 7H.5 – MWS Estimated/Reported Sewage Overflows in FY25

	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOT
Wet Weather Overflows - CSO Permitted	16	5	14	0	16	21	9	13	19	20	32	13	178
Wet Weather Overflows - sewer (non-pumps)	2	1	20	1	3	5	7	57	31	63	23	4	217
Wet Weather Overflows - Pump Stations	1	0	10	0	2	1	1	33	24	57	7	0	136
Wet Weather Overflows SSO - TOTAL	3	1	30	1	5	6	8	90	55	120	30	4	353
Dry Weather Overflows - sewer (non-pumps)	1	7	2	10	0	4	8	10	19	12	5	6	84
Dry Weather Overflows - Pump Stations	0	0	0	1	0	0	0	1	1	4	0	0	7
Dry Weather Overflows - TOTAL	1	7	2	11	0	4	8	11	20	16	5	6	91
# of Overflows that Reached Creeks - Sewer (non-pumps)	2	2	19	5	0	5	11	40	41	61	19	9	214
# of Overflows that Reached Creeks - Pump Stations (All)	1	0	10	1	2	1	1	34	24	60	6	0	140

*Note: Most of the dry-weather overflows involve a small level of clean-up performed by Department personnel. Most of the overflows that reach creeks occur during wet weather conditions.

Table 8F.1 - MWS Stormwater Maintenance Work Order Numbers for FY25

Item	Total
Linear Feet Ditched Redefined	58,052 feet
Driveway Pipes Replaced	160
Headwalls Built/Repaired	284
Inlets Built/Repaired/Replaced	161
Driveway Pipes Cleaned	173
Debris Removed (Open Spaces, Ditches, Bridges, etc.)	15,143 cubic yards
Inlets Cleaned	11,174
Seed and Matting Used	102,675 square feet
Vactor Loads Used	861,000 gallons
Note: (Some assumptions are used in the quantity estimates) *All cubic yardage is computed from the loads reported for each truck size. *In FY24, the Stormwater Maintenance department upgraded to a new version of the Cityworks database. In doing so, some of the tracking of maintenance numbers had to be adjusted to the new system. Due to some fields being different the calculation had to be updated, which resulted in some of the fields to be calculated differently than previous Fiscal Years.	



Table 8F.2 - NDOT Contracted Street Sweeping Collection Numbers for FY25

	July	August	September	October	November	December	January	February	March	April	May	June	Total
Debris Collected (tons)	189.14	211.96	285.78	267.17	326.27	222.72	161.70	267.73	262.30	287.71	173.09	183.45	2,839.02
Miles of Streets Swept	1,888.38	1,888.38	1,888.38	1,888.38	1,888.38	1,899.01	1,899.01	1,899.01	1,899.01	1,899.01	1,899.01	1,899.01	22,734.99



Table 9F.1 – MWS Development and Review Section Plan Review Numbers for FY25

	July	August	September	October	November	December	January	February	March	April	May	June	Total
Number of Plan Submittals	93	66	76	72	573	1,630	110	167	144	128	128	90	3,277
Number of Plan Approvals	92	65	74	72	469	1,442	107	164	141	124	128	90	2,968

Note: This spreadsheet represents all plan submittals, re-submittals, including grading permit plans, plat reviews/approvals, as-built drawings, including Single Family Stormwater plan reviews, etc.



Table 10C.1 - Industrial Sites Inventoried within MWS NPDES Database

Site Name	Site Location	TMSP Site	RMCP Site	TDEC Permit Number
Buckeye Nashville I Terminal (fka Magellan)	1609 63rd Ave N	Yes	No	TNR056545
Buckeye Nashville II Terminal (fka Magellan)	1441 51st Ave N	Yes	No	TNR056486
(BFI Waste) Republic Services dba Nashville Hauling	621 Hill Ave	Yes	No	TNR058626
3M Company	400 Swinging Bridge Rd	Yes	No	TNR058417
48Forty Solutions (CHEP Recycled Pallet Solutions, LLC)	601 Space Park S Dr	Yes	No	TNR059311
81st RD CPL William F. Lyell AFRC	160 White Bridge Rd	Yes	No	TNR053805
A & C Auto Parts	4701 Ashland City Hwy	Yes	No	TNR050702
AAA Industries Inc.	3141 Ambrose Ave	Yes	No	TNR050753
ABF Freight System, Inc. - Nashville	890 Visco D	Yes	No	TNR051577
ABT Power Management (Concentric)	221 Blanton Avenue	Yes	No	TNR059350
Advanced Composites (TN)	3050 Sidco dr	Yes	No	TNR050238
Akzo Nobel Coatings Inc.	20 Culvert St	Yes	No	TNR050546
All Star Recycling	460A Craighead Street	Yes	No	TNR056304
All State Auto Parts, Inc.	515 Nawakwa Trail	Yes	No	TNR056026
AllWaste fka Onsite Environmental fka Greentree Processing	1501 Baptist World Center Drive	Yes	No	TNR053609
Alternative Energy Products	1821 Seminary St	Yes	No	TNR050480
Alternative Energy Products	501 Crutcher St	Yes	No	TNR056334
Amazon, LLC Sort Center / BNA5	50 Airways Blvd	Yes	No	TNR058257
Amazon.com dedc UTN1	410 Harding Industrial Drive	Yes	No	TNR059098
Amazon.com Services DNA2	2960 Armory Dr	Yes	No	TNR058768
Amazon.com Services DTN6	710 Myatt Drive	Yes	No	TNR056369
Amazon.com Services HBN1	2 Dell Pkwy	Yes	No	TNR059710
Amazon.com Services HBN2	1701 Lebanon Pike Circle	Yes	No	TNR059918
Amazon.com Services RAD1	3818 Logistics Way	Yes	No	TNR059700
Amazon.com Services STN1	2 Dell Parkway	Yes	No	TNR059496
American Appliance Products - Madison	1129 Myatt Blvd	Yes	No	TNR050823
American Farms	2132 Smith Springs Road	Yes	No	TNR051058
Anchor Transportation	7435 Old Hickory Blvd	Yes	No	TNR050589
Anchor Transportation	3108 Blevins Road	Yes	No	TNR050588
Animax Designs Inc	101 Fernco Drive	Yes	No	TNR059705
Antioch Travel Center	13011 Old Hickory Blvd	No	No	TN0028797
August Bioservices (Radiant Technologies)	1845 Elm Hill Pk	No	No	TNR059955
Auto Central	12761 Old Hickory Blvd	Yes	No	TNR059790
Averitt Express Nashville Service Center	1 Averitt Express Drive	Yes	No	TNR053592
AZZ Galvanizing (North American Galvanizing Co.)	3201 Elkins Avenue	Yes	No	TNR053495
Barrique Brewing and Blending	30 Oldham St	Yes	No	TNR051088
Bassline Brewing	410 39th Ave N	Yes	No	TNR050950



Table 10C.1 - Industrial Sites Inventoried within MWS NPDES Database (Continued)

Site Name	Site Location	TMSP Site	RMCP Site	TDEC Permit Number
Bearded Iris	101 Van Buren St	Yes	No	TNR050863
Bearded Iris	4101 Charlotte Ave Ste 40	Yes	No	TNR050865
Berry Film Products	428 Harding Industrial Drive	Yes	No	TNR059649
Berry Global Group (Clopay Plastics Products)	463/555 Harding Industrial Dr	Yes	No	TNR056368
Besway Systems Inc	305 Williams Ave	Yes	No	TNR050298
BFI Waste Services of TN (BFI of Nashville)	1160 Freightliner Dr	Yes	No	TNR058639
BHT Resources	1216 South Dickerson Road	Yes	No	TNR050737
Black Abbey Brewing	2952 Sidco Drive	Yes	No	TNR050953
Blanchard Terminal Company, LLC (Marathon Terminal)	1409 51st Ave N	Yes	No	TNR053661
Brightwood Craft Cider	865 Elm Hill Pike	Yes	No	TNR051050
Broadcast Brewing	2605 Grissom Dr	Yes	No	TNR051000
Cambria Company	3607 Trousdale Drive	Yes	No	TNR050379
Cargill (Five Star Foods)	2621 Eugenia Ave	Yes	No	TNR059257
Carlex Glass America	7200 Centennial Blvd	No	No	TN0003573
Cave Road Recycling	511 Cave Road	No	No	TNR050754
City Winery	609 Lafayette St	Yes	No	TNR050982
Civil Constructors - Staging	4551 Jennie Brown Lane	Yes	No	TNR059724
Clemons Concrete Coatings	505 Cave Road	Yes	No	TNR050721
CMC Rebar Nashville	852 Visco Dr	Yes	No	TNR058335
CMC Steel US, LLC	4280 Sidco Drive	Yes	No	TNR054524
Corsair Artisan	1200 Clinton St	Yes	No	TNR050951
Corsair Artisan	601 Merritt Ave	Yes	No	TNR050858
Crazy Gnome Brewery	948 Main St	Yes	No	TNR050979
Crown Bakeries	2975 Armory Dr	Yes	No	none yet
Crown Bakeries	1905 Hackworth St	Yes	No	TNR051281
CSM Paul Huff US Army Reserve Center	3598 Bell Road	Yes	No	TNR058762
CSX Intermodal, Inc - Nashville Terminal	3086 Sidco Dr	Yes	No	TNR058111
CSX Transportation (Radnor Yard)	3661 Seaboard Drive	No	No	TN0064955
Cumberland Heights Rehabilitation Center	8283 River Road	No	No	TN0067270
Cumberland Scrap Processor	3730 Amy Lynn Drive	Yes	No	TNR050017
Cumberland Terminals, Inc.	7260 Centennial Blvd	Yes	No	TNR056673
Cyanide Cider	410 Woodbine St	Yes	No	TNR051005
Czanns Brewing Company	4909 Indiana Ave	Yes	No	TNR050895
Darling Ingredients Inc.	31 Edenwald Rd	Yes	No	TNR056700
Delek Logistics LLC	90 Van Buren St	Yes	No	TNR056587
Dicaperl Minerals Corp.	2601 Osage St	Yes	No	TNR056770
Diskin Cider	1235 Martin St	Yes	No	TNR050899
Dry Creek Wastewater Treatment Plant	61 Edenwold Rd	Yes	No	TNR053255
Dynamic Lifecycle Innovations TN LLC	3520 Ambrose Ave	Yes	No	TNR058723
East Nashville Beer Works	320 East Trinity Lane	Yes	No	TNR051101



Table 10C.1 - Industrial Sites Inventoried within MWS NPDES Database (Continued)

Site Name	Site Location	TMSP Site	RMCP Site	TDEC Permit Number
Electronic Responsible Recyclers	7515 Hickory Hills Ct	Yes	No	TNR059742
Ergon Terminating, Inc. - Nashville	1114 Visco Dr	Yes	No	TNR056603
Exxon Mobile Nashville Terminal	1741 Ed Temple Blvd	No	No	TN0022462
Fait la Force Brewing Co	1414 3rd Ave S. Suite 101	Yes	No	TNR050852
Fed Ex Ground - Nashville Knight Rd	3301 Knight Dr	Yes	No	TNR053369
Federal Express - BNAA	1931 Air Lane Dr	Yes	No	TNR053436
Federal Express - MQYA	127 Athens Way	Yes	No	TNR053437
FedEx Freight East Inc	3960 Logistics Way	Yes	No	TNR056445
Feintool Tennessee	2930 Old Franklin Road	Yes	No	TNR058955
Fiberweb, Inc. (Berry Global)	70 Old Hickory Blvd	Yes	No	TNR056004
Firstexpress Inc.	1135 Freightliner Dr	Yes	No	TNR053075
Flexsol Packaging Corp.	1105 Visco Drive	Yes	No	TNR055073
Foley Products (Sherman-Dixie Concrete Industries, Inc.)	3641 Central Pike	No	Yes	TNG110408
Ford Nashville Property (Automotive Components)	7228 Centennial Blvd	Yes	No	TN0080675
Four Corners Yacht Club	4027 Lavergne Couchville	No	No	SOP-19022
Four Lane Auto Salvage Inc.	400 W Trinity Ln	Yes	No	TNR050223
Frontier Logistical Services (aka Cone Solvents)	1830 Linder Industrial Dr	No	No	none
FusionSite Facility	1240 Fesslers Lane	Yes	No	TNR050662
GAF Materials Corp.	970 Fiber Glass Rd	Yes	No	TNR050872
Gibson Custom Shop	1612 Elm Hill Pike	Yes	No	TNR054345
Gibson USA	641 Massman Drive	Yes	No	TNR051063
Glatfelter Sontara Old Hickory (Jacob Holm Inc.)	326 Swinging Bridge Rd	Yes	No	TNR058900
G-Ops	1510 Elm Hill Pike, Ste. 212	Yes	No	TNR051036
Greer Stop Nut	481 McNally Dr	Yes	No	TNR050038
Greyhound Lines	709 Representative John Lewis Way South	Yes	No	TNR058664
Hamilton Machine Co Inc	464 Woodycrest Ave	Yes	No	TNR054334
Harcros Chemicals	1418 Poplar Ln	Yes	No	TNR058747
Harpeth Valley Utility District STP	4063 Old Hickory Blvd	Yes	No	TNR058971
Hayward Pool Products	2935 Sidco Drive	Yes	No	TNR053355
Hearthside Food Solutions	660 Massman Drive	Yes	No	TNR050229
Hilltop Auto Salvage	2408 Dickerson Pk	Yes	No	TNR056159
Hogan Truck Leasing (Howard Baer)	1301 Foster Ave	Yes	No	TNR053385
Home City Ice	1406 Gould Ave	Yes	No	TNR050944
Home City Ice fka Reddy Ice	7261 Centennial Blvd	Yes	No	TNR058772
Honest Origins	4350 Hurricane Creek Blvd	Yes	No	none yet
HoneyTree	918 Woodland St	Yes	No	TNR050862
IMI Nashville Airport	141 Bush Rd	No	Yes	TNG110189
IMI Nashville Freightliner	1281 Freightliner Drive	No	Yes	TNG110488
IMI Ready Mix- Robertson Road	6616 Robertson Ave	No	Yes	TNG110100



Table 10C.1 - Industrial Sites Inventoried within MWS NPDES Database (Continued)

Site Name	Site Location	TMSP Site	RMCP Site	TDEC Permit Number
Industrial Land Developers - Nashville Quarry	771 Burnett Road	No	No	TN0069922
Innophos, Inc.	4600 Centennial Blvd	Yes	No	TNR050060
J.P. Priest HydroPower Plant	3737 Bell Road	No	No	TN0068152
J.P. Priest Lake Hamilton Creek Recreation	2901 Bell Road	No	No	TN0028550
Jackalope Brewing	429b Houston St	Yes	No	TNR050879
John C Tune Airport - Corporate Flight Management	110 Tune Airport Drive	Yes	No	TNR053942
John C. Tune Airport- TDOT Hangar	110 Tune Airport Drive	Yes	No	TNR050301
John W. McDougall Co., Inc.	3731 Amy Lynn Drive	Yes	No	TNR056432
Jones Bros Asphalt Plant - Danley	820 Old Ezell Road	Yes	No	TNR050885
Jones Bros Borrow Site	Franklin Limestone Road	Yes	No	TNR059959
Jones Brothers Truck Shop	129 Bush Road	Yes	No	TNR051878
Kabinart fka United Cabinet Corporation	3650 Trousdale Dr	Yes	No	TNR054500
Kano Laboratories LLC	1000 E Thompson Lane	Yes	No	TNR059830
Kennametal Inc (ATI Metal Working Products)	1 Teledyne Place	Yes	No	TNR053523
Kyzen Corporation	430 Harding Industrial Drive	Yes	No	TNR050396
La Hacienda Tortilleria	431 Allied Drive	Yes	No	none yet
Lee Building Products (Southland Brick and Block)	3201 Franklin Limestone Rd	Yes	No	TNR053089
Legend Brands	1922 Old Murfreesboro Pk Ste 105	Yes	No	TNR051017
Liquid Environmental Solutions	501 Cave Road	Yes	No	TNR058465
Living Earth - East Nashville	1511 Elm Hill Pike	Yes	No	TNR059260
Living Earth - Jennie Brown Yard Processing	4783 Jennie Brown Lane	Yes	No	TNR059310
Living Earth - West Nashville	6401 Centennial Blvd	Yes	No	TNR059259
Living Waters Brewing	1056 E Trinity Lane	Yes	No	TNR050993
LKQ Pick Your Part Southeast LLC	2030 Lucas Lane	Yes	No	TNR058938
Lone Star Industries, Inc. d/b/a Buzzi Unicem USA - Nashville	1702 2nd Ave N	Yes	No	TNR050218
M & W Transportation Co., Inc.	101 Terminal Court	Yes	No	TNR053706
Marathon Petroleum Company LLC	930 Youngs Lane	Yes	No	TNR056654
Marble Fox Brewing	701 8th Ave S	Yes	No	TNR050955
McRedmond Farms	919 Massman Dr	Yes	No	TNR059956
Messer LLC	4301 Hurricane Creek Rd	Yes	No	TNR059999
Metro Nashville - Arbor Crest	Arbor Pointe Way	No	No	SOP-00032
Metro Nashville Airport Authority	1 Terminal Drive	No	No	TN0064041
Metro Nashville District Energy System	90 Peabody St	Yes	No	TNR056643
Metro Salvage, Inc.	1975 Springfield Hwy	Yes	No	TNR056220
Mid TN Recycling	3533 Hermitage Industrial Drive	Yes	No	TNR059390
Mid-South Wire	1040 Visco Drive	Yes	No	TNR050712
Mid-South Wire (formerly AJAX Turner Co.)	1045 Visco Drive	Yes	No	TNR058898



Table 10C.1 - Industrial Sites Inventoried within MWS NPDES Database (Continued)

Site Name	Site Location	TMSP Site	RMCP Site	TDEC Permit Number
Mobile Materials Nashville	475 Ezell Pike	No	Yes	TNG110490
MPLX Terminals LLC-Nashville (Marathon)	5 Main Street	Yes	No	TNR058168
MPLX Terminals-Bordeaux Terminal (fka Marathon Petroleum)	2920 Hydes Ferry Rd	Yes	No	TNR056512
N & S Inc.	361 Herron Dr	Yes	No	TNR050716
Nashville Barrel Co	809 Heathcote Ave	Yes	No	TNR050890
Nashville Central STP	1600 2nd Ave N	Yes	No	TNR053258
Nashville Chemical & Equipment Co Inc	7340 Cockrill Bend Blvd	Yes	No	TNR059929
Nashville Craft Distillery	514 Hagan St	Yes	No	TNR050980
Nashville Machine Company	530 Woodycrest Ave	Yes	No	TNR050889
Nashville Ready Mix	411 Cowan St	No	Yes	TNG110500
Nashville Ready Mix - Cowan Ct.	1436 Cowan Ct	No	Yes	TNG110236
Nashville Ready Mix - Visco	1120 Visco Drive	No	Yes	TNG110470
Nashville Ready Mix West Nashville	5853 River Road	No	Yes	TNG110308
Nashville Ready Mix, Inc. Baptist World	1326 Baptist World Center Dr	No	Yes	TNG110237
Nashville Record Pressing	520 Brick Church Park Dr	Yes	No	none yet
Nashville VMF	707 Chestnut St	Yes	No	TNR053104
Nashville Wilbert Burial Vault Co.	432 Woddycrest Ave	Yes	No	TNR053618
Nashville Wire Products	1604 County Hospital Rd	Yes	No	TNR050806
Nashville Wire Products	295 Driftwood St	No	No	None
Nashville Zoo aka Grassmere	3777 Nolensville Road	No	No	TN0080630
Neely's Bend Inc.	1327 Neely's Bend Rd	Yes	No	TNR051976
Nelson Green Brier Distillery	1414 Clinton Street	Yes	No	TNR059687
New Heights Brewing Company	928 Rep John Lewis Way S	Yes	No	TNR051106
New Image Auto Dealer	1656 Antioch Pike	Yes	No	TNR059906
Nitetrain Coach Co	7454 Old Hickory Blvd	Yes	No	TNR050604
Nom Nom Now	2223 Whites Creek Pike	Yes	No	TNR050574
NWI Nashville	1431 Vultee Blvd	No	No	TN0001597
Ole Smoky Distillery	423 6th Ave S.	Not Ye	No	None
Opryland Resort and Entertainment Complex	2802 Opryland Drive	No	No	TN0068713
Palm Commodities International, Inc Sales	1717 JP Hennessy Dr	Yes	No	TNR056856
Parman Energy	7101 Cockrill Bend Blvd	Yes	No	TNR059092
Paulo Products Company	3206 Ambrose Ave	Yes	No	TNR050762
Pepsi Bottling Group	715 Thompson Lane	Yes	No	TNR051157
Pine Bluff Materials (formaly Hunter Marine)	6615 Robertson Ave	Yes	No	TNR059211
Pine Bluff Materials- Visco	1030 Visco Dr	Yes	No	TNR053697
PlastiCycle	5801 Centennial Blvd	Yes	No	TNR059682
Precision Design and Machine Inc	6124 Cockrill Bend Circle	Yes	No	TNR054425
Prisma fka Quad Graphics	2947 Brick Church Pike	Yes	No	TNR058368
Proper Sake	3109 Ambrose Ave	Yes	No	TNR050894



Table 10C.1 - Industrial Sites Inventoried within MWS NPDES Database (Continued)

Site Name	Site Location	TMSP Site	RMCP Site	TDEC Permit Number
ProTriton Feed LLC (fka Land O Lakes Purina Feed)	3601 Trousdale Dr	Yes	No	TNR053398
Pull-A-Part, LLC	7114 Centennial Boulevard	Yes	No	TNR056537
Purity Dairies	360 Murfreesboro Pike	Yes	No	TNR053516
Quality Plating	71 Fesslers Lane	Yes	No	TNR056370
Quikrete - Nashville	6614 Robertson Ave	Yes	No	TNR053497
R + L Carriers	3240 Franklin Limestone Rd	Yes	No	TNR052096
Reading Midwest Distribution (FTEC, Inc. (Palfleet Truck))	1801 Lebanon Park	Yes	No	TNR056769
Rebound Care Corp- Burkitt Rd	6850 Burkitt Road	No	No	SOP-97009
River Cement Sales Co dba Buzzi Unicem USA	1818 Cement Plant Rd	Yes	No	TNR054581
River Hills MRF	208 River Hills Drive	Yes	No	TNR053058
Rivergate Auto Parts, Inc. (Nashville Truck Parts)	1471 Gallatin Pike	Yes	No	TNR056268
Rock Harbor Marine/Marina	525 Basswood Ave	Yes	No	TNR058737
Rogers Group - Nashville Resale Yard	711 Lebanon Road	Yes	No	TNR058110
Rogers Group - Whites Creek Asphalt Plant	2819 Whites Creek Pike	Yes	No	TNR050886
Rogers Group- Whites Creek Quarry	2819 Whites Creek Pike	No	No	TN0057452
Rogers Group, Inc. (Reostone Quarry)	6514 Robertson Avenue	No	No	TN0057657
Rogers Manufacturing Company	110 Transit Avenue	Yes	No	TNR050478
Rolling Frito-Lay Sales, LP - Nashville DC	130 Spence Lane	Yes	No	TNR056640
S&H Plating	817 Madison Industrial Road	Yes	No	TNR059463
SA Recycling fka PSC Metals	710 S 1st St	Yes	No	TNR051488
SA Recycling fka Southern Recycling	1840 Linder Industrial Blvd	Yes	No	TNR056650
Sadler Bros Trucking & Leasing Company, Inc.	436 Enos Reed Dr	Yes	No	TNR050326
Safety-Kleen Systems, Inc.	215 Whitsett Rd	Yes	No	TNR053225
Scott Materials	4701 Old Hydes Ferry Pike	Yes	No	TNR050486
Servitech Industries, Inc.	550 Brick Church Park Dr	Yes	No	TNR053500
Sessions Paving	6535 Robertson Ave	Yes	No	TNR055987
Shrum Auto Salvage	1050 Old Buck Hill Road	Yes	No	TNR055907
Sinomax East, Inc.	1740 JP Hennessey Drive	Yes	No	TNR059275
Siskin Steel	4040 Jordon Station Road	Yes	No	TNR058950
Smith & Lentz Brewing Co	903 Main St	Yes	No	TNR050956
Smitty's Auto Parts	1609 Bell Rd	Yes	No	TNR053717
Smyrna Mix Concrete	6677 River Road Pike	No	Yes	TNG110044
Smyrna Ready Mix	3040 Brandau Rd	No	Yes	TNG110270
Smyrna Ready Mix - Hailey's Harbor, Inc.	3730 Amy Lynn Dr	Yes	No	TNR053535
Smyrna Ready Mix Concrete INC. - Visco Drive	1020 Visco Dr	No	Yes	TNG110138
Smyrna Ready Mix Concrete Plant	3730 Amy Lynn Drive	No	Yes	TNG110422
Smyrna Ready Mix Concrete, 2nd Ave	1136 2nd Ave N	No	Yes	TNG110268
Southeastern Freight Lines, Inc.	4141 Murfreesboro Pike	Yes	No	TNR053861
Southerland Inc	6050 Dana Way Suite 100	Yes	No	TNR050106
Southern Aluminum Finishing	1417 Poplar Lane	Yes	No	TNR059771



Table 10C.1 - Industrial Sites Inventoried within MWS NPDES Database (Continued)

Site Name	Site Location	TMSP Site	RMCP Site	TDEC Permit Number
Southern Grist Brewing Co	5000 Centennial Blvd	Yes	No	TNR050978
Southern Services (Waste Management of Tennessee-Nashville)	4651 Amy Lynn Dr	Yes	No	TNR051258
St. Kyrillos the Sixth Coptic Orthodox Church	5988 Cane Ridge Road	No	No	SOP-00035
Steel Summit Tennessee	1718 JP Hennessy Dr	Yes	No	TNR055890
Stericycle (Shred-it)	800 Airpark Commerce Drive Suite 801	Yes	No	TNR059987
STG Drayage, LLC	399 Old Hickory Blvd	Yes	No	TNR050959
Summit Constructors	1516 Ft. Negley Blvd	Yes	No	TNR059632
Superior Sandblasting and Powder Coating	71 Fesslers Lane	No	No	None
Superior Solvents & Chemicals	518 Swinging Bridge Rd	No	No	none
Superior Trim	511 Bridgeway Ave	Yes	No	TNR058370
Supreme Oil Central, Inc. (Stratas Foods)	189 Spence Lane	Yes	No	TNR053774
Sysco Nashville	1 Hermitage Plaza	Yes	No	TNR058838
Tailgate Brewery	7300 Charlotte Pike	Yes	No	TNR050849
TDSI- Auto Distribution Center	600 Veritas St	Yes	No	TNR053065
Techno-Aide	7532 Hickory Hills Ct	Yes	No	TNR059784
Tenn South dba Big Machine Distillery	122 3rd Ave S	Yes	No	TNR050964
Tennessee Air National Guard	240 Knapp Boulevard	Yes	No	TNR051762
Tennessee Army National Guard- Joint Base Berry Field	240 Knapp Boulevard	Yes	No	TNR058958
Tennessee Brew Works	809 Ewing Ave	Yes	No	TNR050985
Tennessee Commercial Warehouse - Nashville	700 Visco Drive	Yes	No	TNR053626
Tennessee Imports Auto Salvage	326 Oriel Ave	Yes	No	TNR055923
Tennfold Brewing	2408 Lebanon Pike	Yes	No	TNR050954
The Coats Company fka Hennessy Industries	1601 JP Hennessy Dr	Yes	No	TNR050446
The Mulch Company	665 & 667 Vernon Ave	Yes	No	TNR053751
Titan Logistics LLC (BNE Properties, Inc).	317 Arlington Ave	Yes	No	TNR051617
Tradebe Treatment and Recycling of Nashville LLC.	450 Edenwold Road	Yes	No	TNR050450
Transflo Terminal Services	426 Chestnut St	Yes	No	TNR053444
TREW Industrial Wheels Inc.	310 Wilhagan Rd	Yes	No	TNR053987
Triune Residuals- Centennial	7133 Centennial Blvd	Yes	No	TNR050428
Triune Residuals- Hermitage	3516 Central Pike	Yes	No	TNR054259
TWB Antioch	6050 Dana Way	Yes	No	TNR059269
United Parcel Service - Nashville Massman Dr.	705 Massman Dr	Yes	No	TNR053562
United Parcel Service - Nashville Whites Creek Pike	3205 Whites Creek Park	Yes	No	TNR053554
United States Cold Storage	1727 JP Hennessy Drive	Yes	No	TNR058897
US Smokeless Tobacco Manufacturing	800 Harrison St	Yes	No	TNR058868
USA COE J P Priest Anderson Rd Picnic Area	4060 Anderson Road	No	No	SOP-16015
USA COE Old Hickory Dam, Left Bank	Cinder Road	No	No	TN0021491



Table 10C.1 - Industrial Sites Inventoried within MWS NPDES Database (Continued)

Site Name	Site Location	TMSP Site	RMCP Site	TDEC Permit Number
USPS Nashville	525 Royal Pkwy	Yes	No	TNR059239
VF Imagewear, Inc.	552 Hickory Hills Blvd	Yes	No	TNR051734
Vietti Foods Company, Inc.	636 Southgate Ave	Yes	No	TN0074781
Vulcan Construction - River Road Asphalt Plant	5853 River Road	No	No	SOP-96025
Vulcan Construction Materials - Hermitage Asphalt (Lojac)	3552 Hermitage Industrial Dr	Yes	No	TNR055996
Vulcan Construction Materials - Hermitage Sign Shop	3552 Hermitage Industrial Drive	Yes	No	TNR058118
Vulcan Construction Materials - River Road Quarry	5853 River Road	No	No	TN0003549
Vulcan Construction Materials, LLC - Danley Asphalt (Lojac)	3185 Franklin Limestone Rd	Yes	No	TNR053269
Vulcan Equipment Repair and Wash	3552 Hermitage Industrial Drive	No	No	TN0060119
Vulcan Materials - Danley Quarry	3187 Franklin Limestone Rd	No	No	TN0003026
Vulcan Nashville- River Road Asphalt Plant	5853 River Road	Yes	No	TNR050735
Vulcan Quarry - Hermitage	5301 Old Hickory Blvd	No	No	TN0003115
Walker Brothers Beverage Co	411 Haynie Ave Suite 101	Yes	No	TNR050868
Warren Paint & Color Co	700 Wedgewood Ave	Yes	No	TNR051129
Waste Connections (Music City Pick A Part, LLC)	922 Lebanon Pike	Yes	No	TNR058703
Waste Management	7320 Centennial Blvd	No	No	TNR059106
Waste Management - North Nashville (Rivergate MRF)	630 Myatt Dr	Yes	No	TNR058691
Waste Management C&D Recycle Center	3211 Franklin Limestone Rd	Yes	No	TNR058154
Waste Management dba Nashville High Grades	1740 Riverhills Drive	Yes	No	TNR059650
Waste Mangement Truck Maintenance Facility/Garbage Transfer St	1428 Antioch Pike	Yes	No	TNR051258
Waste Pro Nashville	91 Polk Avenue	Yes	No	TNR050651
West Nashville Auto Recycling Inc.	5604 Centennial Blvd	Yes	No	TNR051899
WestRock (Smurfit-Stone Container)	707 19th Ave N	Yes	No	TNR053040
Whites Creek Wastewater Treatment Plant	1360 County Hospital Rd	Yes	No	TNR053256
Wikoff Color Corporation	214 Omonhundro Place	Yes	No	TNR059474
Wise Coaches Inc	540 Collins Park Drive	Yes	No	TNR059948
Wonton Food	1045 Firestone Parkway	Yes	No	TNR059509
Wright Industries	707 Spence Lane	Yes	No	TNR054344
WWO AL DP, LLC - Cane Ridge Rd Facility	5825 Cane Ridge Road	No	No	SOP-96032
XPO Logistics fka Con-Way Freight	401 Enos Reed Drive	Yes	No	TNR051466
XPO Logistics fka YRC Freight	7300 Centennial Blvd	Yes	No	TNR059164
XPO Logistics Freight	500 Oak Bluff Ln	Yes	No	TNR050905
Yazoo Brewing Company	900 River Bluff Drive	Yes	No	none yet
YeeHaw Brewing	423 6th Ave S.	Yes	No	TNR050904



Table 10F.1 - Industrial Sites Inspected during FY25

Site Name	Site Location	Date Inspected	TDEC Permit Number	Pollutant Contributor
Auto Central	12761 Old Hickory Blvd	6/25/2025	TNR059790	Minor-No Follow-up Performed
Triune Residuals- Centennial	7133 Centennial Blvd	6/17/2025	TNR050428	Major Exposure-NON/Letter Issued
MPLX Terminals LLC-Nashville (Marathon)	5 Main Street	6/17/2025	TNR058168	Minor-No Follow-up Performed
Vietti Foods Company, Inc.	636 Southgate Ave	6/17/2025	TN0074781	Moderate Exposure-Verbal/Email Follow-up
Delek Logistics LLC	90 Van Buren St	6/13/2025	TNR056587	Minor-No Follow-up Performed
Hogan Truck Leasing (Howard Baer)	1301 Foster Ave	6/13/2025	TNR053385	Minor-No Follow-up Performed
Wikoff Color Corporation	214 Omohundro Place	6/4/2025	TNR059474	Minor-No Follow-up Performed
Liquid Environmental Solutions	501 Cave Road	6/4/2025	TNR058465	Minor-No Follow-up Performed
Darling Ingredients Inc.	31 Edenwald Rd	6/3/2025	TNR056700	Minor-No Follow-up Performed
Sinomax East, Inc.	1740 JP Hennessey Drive	5/20/2025	TNR059275	Minor-No Follow-up Performed
All Star Recycling	460A Craighead Street	5/16/2025	TNR056304	Minor-No Follow-up Performed
N & S Inc.	361 Herron Dr	5/16/2025	TNR050716	Major Exposure-NON/Letter Issued
Triune Residuals- Hermitage	3516 Central Pike	5/13/2025	TNR054259	Minor-No Follow-up Performed
Smitty's Auto Parts	1609 Bell Rd	5/2/2025	TNR053717	Minor-No Follow-up Performed
Electronic Responsible Recyclers	7515 Hickory Hills Ct	4/25/2025	TNR059742	Minor-No Follow-up Performed
Four Lane Auto Salvage Inc.	400 W Trinity Ln	4/22/2025	TNR050223	Moderate Exposure-Verbal/Email Follow-up
Smyrna Ready Mix - Hailey's Harbor, Inc.	3730 Amy Lynn Dr	4/16/2025	TNR053535	Minor-No Follow-up Performed
Rivergate Auto Parts, Inc. (Nashville Truck Parts)	1471 Gallatin Pike	4/9/2025	TNR056268	Minor-No Follow-up Performed
Legend Brands	1922 Old Murfreesboro Pk Ste 105	3/28/2025	TNR051017	Minor-No Follow-up Performed
G-Ops	1510 Elm Hill Pike, Ste. 212	3/28/2025	TNR051036	Minor-No Follow-up Performed
STG Drayage, LLC	399 Old Hickory Blvd	3/26/2025	TNR050959	Minor-No Follow-up Performed
Nom Nom Now	2223 Whites Creek Pike	3/26/2025	TNR050574	Moderate Exposure-Verbal/Email Follow-up
XPO Logistics Freight	500 Oak Bluff Ln	3/13/2025	TNR050905	Minor-No Follow-up Performed
Superior Trim	511 Bridgeway Ave	3/7/2025	TNR058370	Minor-No Follow-up Performed
Industrial Land Developers - Nashville Quarry	771 Burnett Road	3/7/2025	TN0069922	Moderate Exposure-Verbal/Email Follow-up
Palm Commodities International, Inc Sales	1717 JP Hennessy Dr	3/5/2025	TNR056856	Minor-No Follow-up Performed
Pine Bluff Materials- Visco	1030 Visco Dr	2/28/2025	TNR053697	Moderate Exposure-Verbal/Email Follow-up
CSX Transportation (Radnor Yard)	3661 Seaboard Drive	2/25/2025	TN0064955	Minor-No Follow-up Performed
Tennessee Air National Guard	240 Knapp Boulevard	2/20/2025	TNR051762	Minor-No Follow-up Performed
Tennessee Army National Guard- Joint Base Berry Field	240 Knapp Boulevard	2/20/2025	TNR058958	Minor-No Follow-up Performed



Table 10F.1 - Industrial Sites Inspected during FY25 (Continued)

Site Name	Site Location	Date Inspected	TDEC Permit Number	Pollutant Contributor
Wright Industries	707 Spence Lane	2/13/2025	TNR054344	Minor-No Follow-up Performed
Waste Pro Nashville	91 Polk Avenue	2/12/2025	TNR050651	Moderate Exposure-Verbal/Email Follow-up
Waste Management Truck Maintenance Facility/Garbage Transfer St	1428 Antioch Pike	2/5/2025	TNR051258	Minor-No Follow-up Performed
Cave Road Recycling	511 Cave Road	1/30/2025	TNR050754	Minor-No Follow-up Performed
Brightwood Craft Cider	865 Elm Hill Pike	1/30/2025	TNR051050	Minor-No Follow-up Performed
New Heights Brewing Company	928 Rep John Lewis Way S	1/30/2025	TNR051106	Minor-No Follow-up Performed
Scott Materials	4701 Old Hydes Ferry Pike	1/29/2025	TNR050486	Major Exposure-NON/Letter Issued
East Nashville Beer Works	320 East Trinity Lane	1/28/2025	TNR051101	Minor-No Follow-up Performed
TWB Antioch	6050 Dana Way	1/24/2025	TNR059269	Minor-No Follow-up Performed
Home City Ice	1406 Gould Ave	1/7/2025	TNR050944	Minor-No Follow-up Performed
Fed Ex Ground - Nashville Knight Rd	3301 Knight Dr	12/16/2024	TNR053369	Minor-No Follow-up Performed
Nashville Ready Mix - Visco	1120 Visco Drive	12/11/2024	TNG110470	Moderate Exposure-Verbal/Email Follow-up
FusionSite Facility	1240 Fesslers Lane	12/11/2024	TNR050662	Minor-No Follow-up Performed
Jones Bros Borrow Site	Franklin Limestone Road	11/20/2024	TNR059959	Minor-No Follow-up Performed
Antioch Travel Center	13011 Old Hickory Blvd	11/19/2024	TN0028797	Moderate Exposure-Verbal/Email Follow-up
Amazon.com Services HBN1	2 Dell Pkwy	11/19/2024	TNR059710	Minor-No Follow-up Performed
All State Auto Parts, Inc.	515 Nawakwa Trail	11/15/2024	TNR056026	Minor-No Follow-up Performed
Pine Bluff Materials (formerly Hunter Marine)	6615 Robertson Ave	11/8/2024	TNR059211	Major Exposure-NON/Letter Issued
XPO Logistics fka YRC Freight	7300 Centennial Blvd	11/8/2024	TNR059164	Minor-No Follow-up Performed
Home City Ice fka Reddy Ice	7261 Centennial Blvd	11/6/2024	TNR058772	Moderate Exposure-Verbal/Email Follow-up
John C Tune Airport - Corporate Flight Management	110 Tune Airport Drive	11/6/2024	TNR053942	Minor-No Follow-up Performed
Cumberland Scrap Processor	3730 Amy Lynn Drive	10/23/24	TNR050017	Moderate Exposure-Verbal/Email Follow-up
A & C Auto Parts	4701 Ashland City Hwy	10/23/24	TNR050702	Moderate Exposure-Verbal/Email Follow-up
Rogers Group, Inc. (Reostone Quarry)	6514 Robertson Avenue	10/15/2024	TN0057657	Minor-No Follow-up Performed
XPO Logistics fka Con-Way Freight	401 Enos Reed Drive	9/26/2024	TNR051466	Minor-No Follow-up Performed
Barrique Brewing and Blending	30 Oldham St	9/26/2024	TNR051088	Moderate Exposure-Verbal/Email Follow-up
Animax Designs Inc	101 Fernco Drive	9/26/2024	TNR059705	Minor-No Follow-up Performed
Bearded Iris	101 Van Buren St	9/26/2024	TNR050863	Minor-No Follow-up Performed
Averitt Express Nashville Service Center	1 Averitt Express Drive	9/26/2024	TNR053592	Moderate Exposure-Verbal/Email Follow-up
Living Earth - East Nashville	1511 Elm Hill Pike	9/26/2024	TNR059260	Major Exposure-NON/Letter Issued



Table 10F.1 - Industrial Sites Inspected during FY25 (Continued)

Site Name	Site Location	Date Inspected	TDEC Permit Number	Pollutant Contributor
Smyrna Ready Mix Concrete, 2nd Ave	1136 2nd Ave N	9/26/2024	TNG110268	Moderate Exposure-Verbal/Email Follow-up
Waste Management dba Nashville High Grades	1740 Riverhills Drive	9/26/2024	TNR059650	Moderate Exposure-Verbal/Email Follow-up
Nelson Green Brier Distillery	1414 Clinton Street	9/26/2024	TNR059687	Moderate Exposure-Verbal/Email Follow-up
Tenn South dba Big Machine Distillery	122 3rd Ave S	9/9/2024	TNR050964	Minor-No Follow-up Performed
Neely's Bend Inc.	1327 Neely's Bend Rd	9/9/2024	TNR051976	Minor-No Follow-up Performed
Cyanide Cider	410 Woodbine St	9/6/2024	TNR051005	Minor-No Follow-up Performed
Broadcast Brewing	2605 Grissom Dr	9/6/2024	TNR051000	Minor-No Follow-up Performed
Tennessee Brew Works	809 Ewing Ave	9/6/2024	TNR050985	Minor-No Follow-up Performed
Rogers Group- Whites Creek Quarry	2819 Whites Creek Pike	8/22/2024	TN0057452	Minor-No Follow-up Performed
Rogers Group - Whites Creek Asphalt Plant	2819 Whites Creek Pike	8/22/2024	TNR050886	Minor-No Follow-up Performed
Nashville Craft Distillery	514 Hagan St	8/9/2024	TNR050980	Minor-No Follow-up Performed
S&H Plating	817 Madison Industrial Road	8/9/2024	TNR059463	Minor-No Follow-up Performed
Gibson USA	641 Massman Drive	8/9/2024	TNR051063	Minor-No Follow-up Performed
LKQ Pick Your Part Southeast LLC	2030 Lucas Lane	7/19/2024	TNR058938	Minor-No Follow-up Performed
Ergon Terminating, Inc. - Nashville	1114 Visco Dr	7/12/2024	TNR056603	Minor-No Follow-up Performed
Crazy Gnome Brewery	948 Main St	7/10/2024	TNR050979	Minor-No Follow-up Performed
Reading Midwest Distribution (FTEC, Inc. (Palfleet Truck))	1801 Lebanon Park	7/10/2024	TNR056769	Minor-No Follow-up Performed
Living Waters Brewing	1056 E Trinity Lane	7/10/2024	TNR050993	Minor-No Follow-up Performed
Transflo Terminal Services	426 Chestnut St	7/10/2024	TNR053444	Minor-No Follow-up Performed
Alternative Energy Products	1821 Seminary St	7/10/2024	TNR050480	Minor-No Follow-up Performed
Yazoo Brewing Company	900 River Bluff Drive	7/9/2024	none yet	Moderate Exposure-Verbal/Email Follow-up
La Hacienda Tortilleria	431 Allied Drive	7/3/2024	none yet	Minor-No Follow-up Performed
Southern Grist Brewing Co	5000 Centennial Blvd	7/3/2024	TNR050978	Minor-No Follow-up Performed
Smith & Lentz Brewing Co	903 Main St	7/3/2024	TNR050956	Minor-No Follow-up Performed
City Winery	609 Lafayette St	7/3/2024	TNR050982	Minor-No Follow-up Performed
Bassline Brewing	410 39th Ave N	7/3/2024	TNR050950	Minor-No Follow-up Performed
Firstexpress Inc.	1135 Freightliner Dr	7/3/2024	TNR053075	Minor-No Follow-up Performed
Marble Fox Brewing	701 8th Ave S	7/3/2024	TNR050955	Minor-No Follow-up Performed
Black Abbey Brewing	2952 Sidco Drive	7/3/2024	TNR050953	Minor-No Follow-up Performed
Corsair Artisan	1200 Clinton St	7/3/2024	TNR050951	Minor-No Follow-up Performed
Tennfold Brewing	2408 Lebanon Pike	7/3/2024	TNR050954	Minor-No Follow-up Performed



Table 13A.1 – TMDL Monitoring Data for FY25

Date	Time	Site Name	DWR	Samplers (initials)	Diss. O2	Conductivity	Temp.	pH	Flow	E. coli	Activity Type
			STATION ID		mg/L	µS	°C		cfs	MPN/100mL	
7/9/2024	928	Field Blank		MB/VL						<1	QC-Field Blank
7/9/2024	1136	Holt	HOLT000.06DA	MB/VL	6.69	582	23.3	7.99		152.9	Sample Routine
7/9/2024		Indian	INDIA000.4DA	MB/VL	5.35	434	25.7	8.09		62.7	Sample Routine
7/9/2024	1047	Mill 5	MILL021.2DA	MB/VL	6.32	528	25.9	7.91	1.9	816.4	Sample Routine
7/9/2024	1047	Mill 5 Dup	MILL021.2DA	MB/VL						686.7	QC-Field Replicate
7/9/2024	907	Sorghum	SORGH000.3DA	MB/LB	4.5	426.9	24.7	7.73		88.2	Sample Routine
7/9/2024	751	Trip Blank		MB/VL						<1	QC-Trip Blank
7/9/2024	1009	Turkey	TURKE000.3DA	MB/VL						Dry	Sample Routine
7/9/2024	948	Whittemore	WHITT001.0DA	MB/VL	7.41	629	23.9	8.01	0.649	1299.7	Sample Routine
7/15/2024	831	Field Blank		VL/LB						<1	QC-Field Blank
7/15/2024	1021	Holt	HOLT000.06DA	VL/LB	6.86	599	23.4	7.95	3.215	344.1	Sample Routine
7/15/2024	951	Indian	INDIA000.4DA	VL/LB	2.94	503	24.8	7.66		83.3	Sample Routine
7/15/2024	1044	Mill 5	MILL021.2DA	VL/LB	6.4	530	26.4	8.05	2.649	1299.7	Sample Routine
7/15/2024	1228	Sorghum	SORGH000.3DA	VL/LB	5.1	628	24.3	7.86		143.9	Sample Routine
7/15/2024	710	Trip Blank		VL/LB						<1	QC-Trip Blank
7/15/2024	900	Turkey	TURKE000.3DA	VL/LB						Dry	Sample Routine
7/15/2024	904	Whittemore	WHITT001.0DA	VL/LB	7.6	593	24.1	7.96	0.643	1986.3	Sample Routine
7/15/2024	904	Whittemore Dup	WHITT001.0DA	VL/LB						1553.1	QC-Field Replicate
7/16/2024	953	Holt	HOLT000.06DA	VL/LB	6.24	599	23.5	7.89	1.14	313	Sample Routine
7/16/2024	915	Indian	INDIA000.4DA	VL/LB	4.89	500	25.7	7.62			Sample Routine
7/16/2024	1018	Mill 5	MILL021.2DA	VL/LB	4.85	532	26.5	7.97	3.7	770.1	Sample Routine
7/16/2024	814	Sorghum	SORGH000.3DA	VL/LB	3.63	653	24.9	7.84		68.3	Sample Routine
7/16/2024	900	Turkey	TURKE000.3DA	VL/LB						Dry	Sample Routine
7/16/2024	845	Whittemore	WHITT001.0DA	VL/LB	6.2	594	24.2	7.9	1.16	1046.2	Sample Routine
8/6/2024	937	Field Blank		LB/VL						<1	QC-Field Blank
8/6/2024	1020	Holt	HOLT000.06DA	VL/LB	7.41	588	22.5	2.9	0.283	178.2	Sample Routine

Table 13A.1 – TMDL Monitoring Data for FY25 (Continued)

Date	Time	Site Name	DWR	Samplers (initials)	Diss. O2	Conductivity	Temp.	pH	Flow	E. coli	Activity Type
			STATION ID		mg/L	µS	°C		cfs	MPN/100mL	
8/6/2024	1020	Holt Dup	HOLT000.06DA	LB/VL						214.2	QC-Field Replicate
8/6/2024	936	Indian	INDIA000.4DA	VL/LB	6.52	583	24.5	8.07	0.805	214.3	Sample Routine
8/6/2024	1053	Mill 5	MILL021.2DA	LB/VL	7.44	507	25.3	8.05	7.09	344.8	Sample Routine
8/6/2024	804	Sorghum	SORGH000.3DA	VL/LB	5.3	619	24.4	7.8	1.18	290.9	Sample Routine
8/6/2024	632	Trip Blank		LB/VL						<1	QC-Trip Blank
8/6/2024		Turkey	TURKE000.3DA	VL/LB						Dry	Sample Routine
8/6/2024	903	Whittemore	WHITT001.0DA	VL/LB	7.66	595	23.4	8	0.893	231	Sample Routine
8/7/2024	1042	Field Blank		LB/AC						<1	QC-Field Blank
8/7/2024	1021	Holt	HOLT000.06DA	LB/AC	6.8	591	22.1	8.13	2.27	579.4	Sample Routine
8/7/2024	944	Indian	INDIA000.4DA	LB/AC	6.11	578	24.4	8.19	0.53	579.4	Sample Routine
8/7/2024	944	Indian Dup	INDIA000.4DA	LB/AC						1119.9	QC-Field Replicate
8/7/2024	1044	Mill 5	MILL021.2DA	LB/AC	6.35	571	24.6	8.18		280.9	Sample Routine
8/7/2024	832	Sorghum	SORGH000.3DA	LB/AC	4.95	615	24.5	7.95	0.875	461.1	Sample Routine
8/7/2024	720	Trip Blank		LB/AC						<1	QC-Trip Blank
8/7/2024		Turkey	TURKE000.3DA	LB/AC						Dry	Sample Routine
8/7/2024	908	Whittemore	WHITT001.0DA	LB/AC	5.87	593	23.3	8.1	2.27	435.2	Sample Routine
8/28/2024	812	Field Blank		VL/LB						<1	QC-Field Blank
8/28/2024	904	Holt	HOLT000.06DA	VL/LB	6.43	632	20.9	7.75		365.4	Sample Routine
8/28/2024	904	Holt Dup	HOLT000.06DA	VL/LB						238.2	QC-Field Replicate
8/28/2024		Indian	INDIA000.4DA	VL/LB							Sample Routine
8/28/2024	923	Mill 5	MILL021.2DA	VL/LB	5.08	528	23.6	7.79			Sample Routine
8/28/2024	745	Sorghum	SORGH000.3DA	VL/LB	5.46	686	22.1	7.73		131.4	Sample Routine
8/28/2024	640	Trip Blank		VL/LB						<1	QC-Trip Blank

Table 13A.1 – TMDL Monitoring Data for FY25 (Continued)

Date	Time	Site Name	DWR	Samplers (initials)	Diss. O2	Conductivity	Temp.	pH	Flow	E. coli	Activity Type
			STATION ID		mg/L	µS	°C		cfs	MPN/100mL	
8/28/2024		Turkey	TURKE000.3DA	VL/LB						Dry	Sample Routine
8/28/2024	810	Whittemore	WHITT001.0DA	VL/LB	5.25	597	21.9	7.85		209.8	Sample Routine
9/23/2024	842	Field Blank		VL/LB						<1	QC-Field Blank
9/23/2024	932	Holt	HOLT000.06DA	VL/LB	5.89	588	21.2	7.77		191.8	Sample Routine
9/23/2024	932	Holt Dup	HOLT000.06DA	VL/LB						206.4	QC-Field Replicate
9/23/2024	906	Indian	INDIA000.4DA	VL/LB	5.24	589	22	7.99		387.3	Sample Routine
9/23/2024	950	Mill 5	MILL021.2DA	VL/LB	5.12	573	23.3	7.85		1046.2	Sample Routine
9/23/2024	813	Sorghum	SORGH000.3DA	VL/LB	5.13	415.8	22.9	7.58		298.7	Sample Routine
9/23/2024	655	Trip Blank		VL/LB						<1	QC-Trip Blank
9/23/2024	842	Whittemore	WHITT001.0DA	VL/LB	6.03	542	21.6	7.9		648.8	Sample Routine
10/16/2024	1105	Holt	HOLT000.06DA	VL/LB	9.81	618	11.4	7.99		191.8	Sample Routine
10/16/2024	1039	Indian	INDIA000.4DA	VL/LB	10.02	594	10.7	8.22		198.9	Sample Routine
10/16/2024	1039	Indian Dup	INDIA000.4DA	VL/LB						185	QC-Field Replicate
10/16/2024	1124	Mill 5	MILL021.2DA	VL/LB	10.32	601	12.2	8.25		90.9	Sample Routine
10/16/2024	856	Sorghum	SORGH000.3DA	VL/LB	8.71	672	11.4	7.69		125.9	Sample Routine
10/16/2024	810	Trip Blank		VL/LB						<1	QC-Trip Blank
10/16/2024	922	Whittemore	WHITT001.0DA	VL/LB	10.6	620	10.9	8.08		167	Sample Routine
11/18/2024	1005	Field Blank		VL/LB						<1	QC-Field Blank
11/18/2024	1045	Holt	HOLT000.06DA	VL/LB	10.19	600	15.4	8.12		83.6	Sample Routine
11/18/2024	1024	Indian	INDIA000.4DA	VL/LB	9.9	563	13.7	8.16		307.6	Sample Routine
11/18/2024	1124	Mill 5	MILL021.2DA	VL/LB	11.36	609	15.3	8.28		410.6	Sample Routine
11/18/2024	919	Sorghum	SORGH000.3DA	VL/LB	9.54	567	14.9	7.94		365.4	Sample Routine
11/18/2024	745	Trip Blank								<1	QC-Trip Blank
11/18/2024	1005	Turkey	TURKE000.3DA	VL/LB	10.87	654	14.7	8.18		240	Sample Routine

Table 13A.1 – TMDL Monitoring Data for FY25 (Continued)

Date	Time	Site Name	DWR	Samplers (initials)	Diss. O2	Conductivity	Temp.	pH	Flow	E. coli	Activity Type
			STATION ID		mg/L	µS	°C		cfs	MPN/100mL	
11/18/2024	943	Whittemore	WHITT001.0DA	VL/LB	11.19	669	15.2	8.26		167	Sample Routine
12/23/2024	745	Field Blank		LB						<1	QC-Field Blank
12/23/2024	820	Holt	HOLT000.06DA	MB	11.23	554	7.1	7.29		68.9	Sample Routine
12/23/2024	833	Indian	INDIA000.4DA	LB	12.19	473	4.6	8.21		50	Sample Routine
12/23/2024	800	Mill 5	MILL021.2DA	MB	12.07	533	5.9	8.53		131.4	Sample Routine
12/23/2024	1012	Sorghum	SORGH000.3DA	MB	12.28	545	6.5	8.02		135.4	Sample Routine
12/23/2024	640	Trip Blank		MB						<1	QC-Trip Blank
12/23/2024	745	Turkey	TURKE000.3DA	LB	11.94	573	5.1	8.22		167	Sample Routine
12/23/2024	725	Whittemore	WHITT001.0DA	LB	11.4	590	7	9.4		101.9	Sample Routine
12/23/2024	725	Whittemore Dup	WHITT001.0DA	LB						107.6	QC-Field Replicate
1/15/2025	930	Field Blank		VL/LB						<1	QC-Field Blank
1/15/2025	1042	Holt	HOLT000.06DA	VL/LB	14.15	507	5.9	8.34		68.9	Sample Routine
1/15/2025	1018	Indian	INDIA000.4DA	VL/LB	14.43	481	3.8	8.36		115.3	Sample Routine
1/15/2025	1100	Mill 5	MILL021.2DA	VL/LB	15.41	537	4.9	8.41		36.9	Sample Routine
1/15/2025	903	Sorghum	SORGH000.3DA	VL/LB	13.67	634	4.3	8.45		59.1	Sample Routine
1/15/2025		Trip Blank		VL/LB						<1	QC-Trip Blank
1/15/2025	950	Turkey	TURKE000.3DA	VL/LB	14.27	572	4.3	8.33		111.9	Sample Routine
1/15/2025	950	Turkey Dup	TURKE000.3DA	VL/LB						131.7	QC-Field Replicate
1/15/2025	929	Whittemore	WHITT001.0DA	VL/LB	14.33	661	5.8	8.36			Sample Routine
2/24/2025	923	Field Blank		VL/LB						<1	QC-Field Blank
2/24/2025	1007	Holt	HOLT000.06DA	VL/LB	13.32	512	7.6	8.05		140.1	Sample Routine
2/24/2025	942	Indian	INDIA000.4DA	VL/LB	14.37	433.6	4.8	7.82		203.5	Sample Routine
2/24/2025	942	Indian Dup	INDIA000.4DA	VL/LB						186	QC-Field Replicate
2/24/2025	1026	Mill 5	MILL021.2DA	VL/LB	15.83	487	6.2	8.53		60.2	Sample Routine

Table 13A.1 – TMDL Monitoring Data for FY25 (Continued)

Date	Time	Site Name	DWR	Samplers (initials)	Diss. O2	Conductivity	Temp.	pH	Flow	E. coli	Activity Type
			STATION ID		mg/L	µS	°C		cfs	MPN/100mL	
2/24/2025	837	Sorghum	SORGH000.3DA	VL/LB	12.95	525	6	7.93		214.2	Sample Routine
2/24/2025	652	Trip Blank		VL/LB						<1	QC-Trip Blank
2/24/2025	903	Turkey	TURKE000.3DA	VL/LB	14.51	512	5.5	7.98		1299.7	Sample Routine
2/24/2025	923	Whittemore	WHITT001.0DA	VL/LB	13.12	603	7.3	8.11		206.4	Sample Routine
3/19/2025	902	Field Blank		VL/LB						<1	QC-Field Blank
3/19/2025	1012	Holt	HOLT000.06DA	VL/LB	11.02	495	13.3	8.08		166.4	Sample Routine
3/19/2025	947	Indian	INDIA000.4DA	VL/LB	10.72	415.4	12	8.09		328.2	Sample Routine
3/19/2025	1034	Mill 5	MILL021.2DA	VL/LB	11.52	467	12.9	8.18		325.5	Sample Routine
3/19/2025	1034	Mill 5 Dup	MILL021.2DA	VL/LB						290.9	QC-Field Replicate
3/19/2025	826	Sorghum	SORGH000.3DA	VL/LB	10.15	479	12.6	7.8		517.2	Sample Routine
3/19/2025	715	Trip Blank		VL/LB						<1	QC-Trip Blank
3/19/2025	925	Turkey	TURKE000.3DA	VL/LB	10.87	490	12.1	7.99		866.4	Sample Routine
3/19/2025	903	Whittemore	WHITT001.0DA	VL/LB	10.62	565	12.8	8.1		365.4	Sample Routine
4/24/2025	748	Field Blank		MB/VL						<1	QC-Field Blank
4/24/2025	849	Holt	HOLT000.06DA	MB/VL	7.94	532	16.9	8.05		123.4	Sample Routine
4/24/2025	833	Indian	INDIA000.4DA	MB/VL	8.22	482	17.5	8.26		62.4	Sample Routine
4/24/2025	859	Mill 5	MILL021.2DA	MB/VL	7	477	18.6	8.18		46.5	Sample Routine
4/24/2025	748	Sorghum	SORGH000.3DA	MB/VL	6.76	449.6	18.7	7.69		1986.3	Sample Routine
4/24/2025	748	Sorghum Dup	SORGH000.3DA	MB/VL						1299.7	QC-Field Replicate
4/24/2025	643	Trip Blank		MB/VL						<1	QC-Trip Blank
4/24/2025	824	Turkey	TURKE000.3DA	MB/VL	8.05	517		8.19		146.7	Sample Routine
4/24/2025	810	Whittemore	WHITT001.0DA	MB/VL	8.96	557	16.4	8.2		1413.6	Sample Routine
5/23/2025	817	Field Blank		MB/LB						<1	QC-Field Blank
5/23/2025	927	Holt	HOLT000.06DA	MB/LB	9.34	502	15.9	8.01		517.2	Sample Routine

Table 13A.1 – TMDL Monitoring Data for FY25 (Continued)

Date	Time	Site Name	DWR	Samplers (initials)	Diss. O2	Conductivity	Temp.	pH	Flow	E. coli	Activity Type
			STATION ID		mg/L	µS	°C		cfs	MPN/100mL	
5/23/2025	927	Holt Dup	HOLT000.06DA	MB/LB						365.4	QC-Field Replicate
5/23/2025	905	Indian	INDIA000.4DA	MB/LB	8.72	440.1	15.7	8.01		328.2	Sample Routine
5/23/2025	944	Mill 5	MILL021.2DA	MB/LB	9.45	481	16.7	8.35		410.6	Sample Routine
5/23/2025	817	Sorghum	SORGH000.3DA	MB/LB	9.27	440.2	16.1	7.69		1986.3	Sample Routine
5/23/2025	655	Trip Blank		MB/LB						<1	QC-Trip Blank
5/23/2025	854	Turkey	TURKE000.3DA	MB/LB	9.69	515	15.5	7.99		488.4	Sample Routine
5/23/2025	838	Whittemore	WHITT001.0DA	MB/LB	8.67	569	16.1	7.87		>2419.6	Sample Routine
6/23/2025	941	Field Blank		VL/SW						<1	QC-Field Blank
6/23/2025	1007	Holt	HOLT000.06DA	VL/SW	8.26	524	20.4	8.02		387.3	Sample Routine
6/23/2025	1007	Holt Dup	HOLT000.06DA	VL/SW	10	489	22.3	8.15		727	QC-Field Replicate
6/23/2025	941	Indian	INDIA000.4DA	VL/SW	9.64	483	21.3	8.1		686.7	Sample Routine
6/23/2025	1027	Mill 5	MILL021.2DA	VL/SW						816.4	Sample Routine
6/23/2025	832	Sorghum	SORGH000.3DA	VL/SW	8.61	482	21.4	8.02		1046.2	Sample Routine
6/23/2025	730	Trip Blank		VL/SW						<1	QC-Trip Blank
6/23/2025	923	Turkey	TURKE000.3DA	VL/SW	10.52	560	21.9	8.18		461.1	Sample Routine
6/23/2025	902	Whittemore	WHITT001.0DA	VL/SW	9.82	587	20.8	8.09		648.8	Sample Routine

Table 13A.2 - SWMP Quantifiable Statistics

Categories	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25
Total Waste Collected (tons)	153,266.01	149,474.79	151,425.06	151,501.17	148,297.40	151,131.01	153,795.70	155,738.78	163,340.77	162,884.18	165,720.90	175,580.57	179,135.55	178,483.99	169,782.47	161,684.58	164,291.02	161,469.58
# of Water Quality Complaints (non-construction) Investigations Initiated in Database	135	133	139	138	122	131	114	99	100	107	120	123	130	112	94	124	165	143
# of Construction Stormwater-Related Inspections (Grading Permit Sites or Grading without Permit)	6,327	6,160	5,079	5,457	5,843	5,170	6,064	6,082	6,684	6,787	7,277	8,342	8,590	8,606	9,528	9,597	9,373	9,189
# of Grading Permits Issued	165	109	121	135	142	138	318	276	254	262	311	327	283	308	290	255	240	226
# of Engineered Plans Submitted to Stormwater Development and Review	1,970	1,600	1,367	1,319	1,525	1,791	1,813	2,572	3,034	3,636	3,293	2,911	1,646	1,340	1,168	1,121	2,085	3,277
# of Construction Plans Approved or Declared No Permit Needed by Stormwater Development and Review	871	687	506	559	1,174	1,411	1,360	1,998	1,450	1,419	1,415	1,205	1,537	1,286	1,144	1,109	1,993	2,968
# of Stormwater Enforcements (Construction-Related) (NOVs and SWOs)	342	188	123	148	94	96	168	128	116	159	112	125	87	76	77	78	60	67



Table 13A.3 – Ambient Monitoring Data for the FY25 Reporting Period

Date	Time	Site Name	DWR STATION ID	Samplers (initials)	DO %	DO mg/L	Cond-uctivity	Temp. C	pH	Flow	E. coli	BOD5	COD	NH3	TKN	Nitrate-Nitrite	Total Nitrogen	Dissolved P	Total P	Lead	Zinc	Cr	Copper	Nickel	Oil and Grease	TSS	TDS
							uS			ft³/sec	MPN	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L
8/21/2024	910	Dry 1	DRY000.3DA	VL/LB	84.2	7.55	511	19.8	7.7	0.840583	166.4	ND	ND	ND	0.27	0.322		0.19	0.19	ND	1.242	ND	ND	0.286	ND	6	346
8/21/2024	910	Dry 1 Dup	DRY000.3DA	VL/LB	82.8	7.42	562	19.8	7.57		135.4	ND	ND	ND	0.25	0.326		0.17	0.2	ND	11.545	ND	ND	0.337	ND	7	350
8/21/2024	953	Neeleys	NEELE00.4DA	VL/LB	103.7	9.43	518	20.3	8.3	0.551444	261.3	ND	ND	ND	0.22	0.442		0.18	0.22	ND	ND	ND	ND	0.297	ND	8	498
8/21/2024	1022	Gibson	GIBSO001.3DA	VL/LB	94.9	8.72	747	19	8.2	0.0879	238.2	ND	ND	ND	0.34	ND		0.15	0.28	0.278	2.906	ND	ND	0.521	ND	14	572
10/28/2024	7:17	Gibson Creek	GIBSO001.3DA	VL/MB	Stream Dry - no sample collected																						
10/28/2024	620	Trip Blank		MB/VL							<1	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	49
10/28/2024	729	Neeleys	NEELE00.4DA	MB/VL	80.8	7.82	506	16.8	7.91	0.2296	461.1	ND	ND	ND	0.17	0.17		0.26	0.22	0.109	1.739	ND	1.04	0.335	ND	ND	305
10/28/2024	808	Dry 1	DRY000.3DA	MB/VL	79.9	7.85	535	16.4	7.77	3.0552	488.4	ND	ND	ND	0.17	0.153		0.2	0.21	ND	ND	0.197	ND	0.191	ND	ND	323
2/25/2025	929	Field Blank		MB/LB							<1	ND	ND	ND	ND	ND		0.09	0.05	ND	ND	ND	ND	ND	ND	ND	**
2/25/2025	930	Dry 2	DRY001.1DA	MB/LB	103.7	11.94	460	8.4	8.07		124.6	ND	ND	ND	ND	0.761		0.32	0.22	0.117	1.243	ND	ND	0.288	ND	ND	**
2/25/2025	950	Neeleys	NEELE00.4DA	MB/LB	112.9	12.42	385.2	10.3	8.36	1.657333	686.7	ND	ND	ND	0.18	1.41		0.25	0.27	ND	1.418	ND	ND	0.279		ND	**
2/25/2025	1012	Gibson	GIBSO001.3DA	MB/LB	113.3	8.42	761	9.9	8.42	0.5824	61.2	ND	ND	ND	0.26	0.866		0.26	0.2	ND	ND	1.255	ND	1.435	43*	ND	**
3/11/2025	1010	Gibson	GIBSO001.3DA	LB	122.1	13.77	759	9.3	9.1																ND		
6/2/2025	908	Gibson	GIBSO001.3DA	VL	93.7	8.29	765	20.6	8.19	1.125222	238.2	ND	ND	ND	0.31	0.188		0.2	0.21	0.398	3.332	ND	ND	0.51	ND	15	504
6/2/2025	925	Neeleys	NEELE00.4DA	VL	93	8.36	556	19.9	8.23	2.494844	727	ND	ND	ND	0.25	0.682		0.2	0.27	0.259	5.604	ND	ND	0.441	ND	ND	354
6/2/2025	954	Dry 2	DRY001.1DA	VL	94.3	8.69	503	18.9	8.14		435.2	ND	ND	ND	0.26	0.232		0.17	0.18	ND	ND	ND	ND	0.225	ND	ND	355

ND = Non-detect



Table 13A.4 – Benthic Monitoring Data for TMDL Streams during FY25 Reporting Period

Date	Time	Site Name	DWR STATION ID	Samplers (initials)	DO %	DO mg/L	Cond. uS	Temp. C	pH	Flow ft ³ /sec	Nitrate-Nitrite mg/L	Total Phos. mg/L	Benthic Score	Sample Activity Type
6/30/2025	1029	Collins Creek	COLLI000.4DA	VL/LB	104.7	9.04	658	21.9	7.99	---	---	---	28	Sample Routine
6/26/2025	---	Mill 3	MILL009.6DA	VL/JT	83	6.79	577	26.6	7.79	---	0.434	---	18	Sample Routine
6/25/2025	930	Holt	HOLT000.1DA	VL/SW	95	8.33	537	21.3	7.86	6.20375	0.105	---	24	Sample Routine
6/24/2025	949	Owl Creek	OWL000.1DA	VL/LB/JT	92.8	7.91	526	22.7	7.91	15.9286	0.524	---	38	Sample Routine
6/16/2025	951	Sorghum	SORGH000.3DA	VL/LB	87.6	7.79	471	20.7	8	---	---	---	12	Sample Routine
6/16/2025	951	Sorghum	SORGH000.3DA	VL/LB	88.6	7.86	471	20.7	8.13	---	---	---	20	Quality Control Sample - Field Replicate
6/5/2025	844	Mill 5	MILL021.2DA	VL/MB	88.5	7.66	489	21.4	8.14	11.68	0.294	0.2	30	Sample Routine
6/5/2025	736	Indian	INDIA000.4DA	VL/MB	83.7	7.34	485	20	8.12	3.136	---	0.29	34	Sample Routine
6/3/2025	805	Trib to Mill	MILL18.1T0.2DA	VL/MB	---	---	---	18.7	8	2.9859	---	---	34	Sample Routine
5/28/2025	918	Earthman at confluence	EARTH002.5DA	VL/LB	90.4	8.55	305.6	16.7	7.6	---	---	---	26	Sample Routine
5/19/2025	905	Dry Creek	DRY001.1DA	VL/LB/JT	91.5	8.51	548	18.5	8.12	---	---	---	22	Sample Routine
5/8/2025	917	Neeleys	NEELE000.5DA	VL/MB	98	9.28	558	17.4	8.14	1.515	---	---	8	Sample Routine
5/7/2025	836	Gibson	GIBSO001.3DA	VL/LB	111.5	10.63	725	17	8.27	0.4941	---	---	14	Sample Routine
4/29/2025	1032	Long Creek	LONG000.1DA	VL/LB	109.3	9.82	262.9	19.9	8.03	21.9114	---	---	24	Sample Routine
4/14/2025	953	Pond Creek	POND001.6CH	VL/LB	110.1	10.84	227.5	15.2	8.02	5.84166	---	---	36	Sample Routine
10/30/2024	954	Dry 1	DRY000.3DA	VL/LB	74.6	7.16	528	17	7.93	0.408	---	---	20	Sample Routine
10/30/2024	954	Dry 1	DRY000.3DA	VL	74.6	7.16	528	17	7.93	1.76	---	---	24	Quality Control Sample - Field Replicate
10/22/2024	935	Neeleys	NEELE00.4DA	MB/VL	101	---	512	13.6	8.21	0.425	---	---	30	Sample Routine
10/14/2024	1037	Pond Creek	POND001.6CH	VL/LB	91.6	8.91	345.4	16.1	8	1.21	---	---	32	Sample Routine
10/8/2024	928	Long	LONG000.1DA	VL/LB	84.4	8.02	296.5	16.7	7.93	5.69	---	---	34	Sample Routine
10/8/2024	928	Long Dup	LONG000.1DA	VL/LB	---	---	---	---	---	---	---	---	38	Quality Control Sample - Field Replicate
9/25/2024	1117	UNT Mill Creek	MILL18.1T0.2DA	VL/LB	65.7	5.67	509	21	7.93	---	---	---	36	Sample Routine
9/18/2024	922	Owl Creek	OWL000.1DA	VL/MB	70	6.08	527	21.5	7.98	2.6471	0.161	0.25	38	Sample Routine
9/16/2024	1026	Sorghum	SORGH000.3DA	VL/LB	61.8	5.39	528	21.7	7.7	0.605	---	---	8	Sample Routine
9/12/2024	1021	Indian	INDIA000.4DA	VL/LB	65.8	5.92	593	19.5	8	0.207	-99	0.41	24	Sample Routine
9/10/2024	943	Holt	HOLT000.06DA	VL/LB	80.2	7.75	512	16.4	7.57	2.28	0.447	0.42	34	Sample Routine



Table 13A.4 – Benthic Monitoring Data for TMDL Streams during FY25 Reporting Period (Continued)

Date	Time	Site Name	DWR STATION ID	Samplers (initials)	DO %	DO mg/L	Cond. uS	Temp. C	pH	Flow ft3/sec	Nitrate- Nitrite mg/L	Total Phos. mg/L	Benthic Score	Sample Activity Type
9/5/2024	835	Mill 3	MILL0009.6DA	VL/ML	71.5	6.12	596	22.9	7.85	26.7	0.758	0.25	32	Sample Routine
9/4/2024	855	Mill 5	MILL021.2DA	VL/LB	63.4	5.46	587	21.8	7.98	4.58337	0.781	0.14	26	Sample Routine
8/29/2024	854	Whittemore	WHITT001.0DA	VL/MB	63.1	5.43	594	22.4	7.6	0.88	---	---	34	Sample Routine
8/27/2024	937	Collins Creek	COLLI000.4DA	VL/LB	83.8	7.16	587	22.8	8.17	6.28	---	---	30	Sample Routine
8/8/2024	759	Cathy Jo @ Zoo	CJO000.1DA"	VL/LB	79.1	7.29	474	18.1	7.04	0.35	---	---	18	Sample Routine



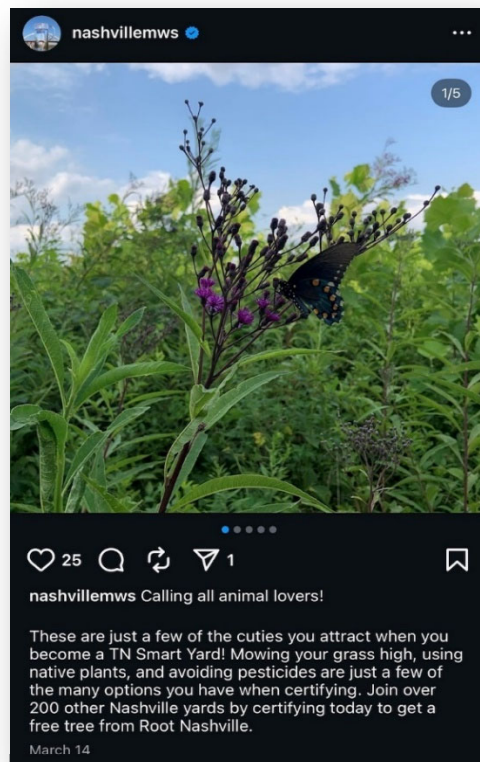
4.0 Supporting Program Data

The following is supplemental data that supports Metro Nashville’s MS4 Permit Compliance:

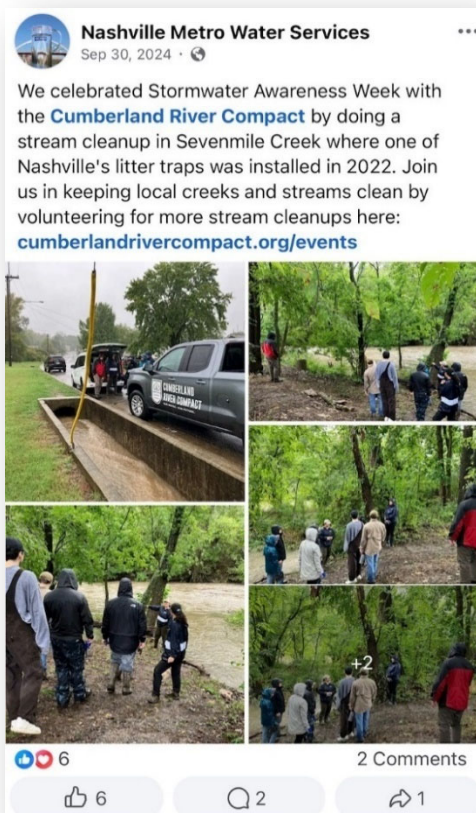
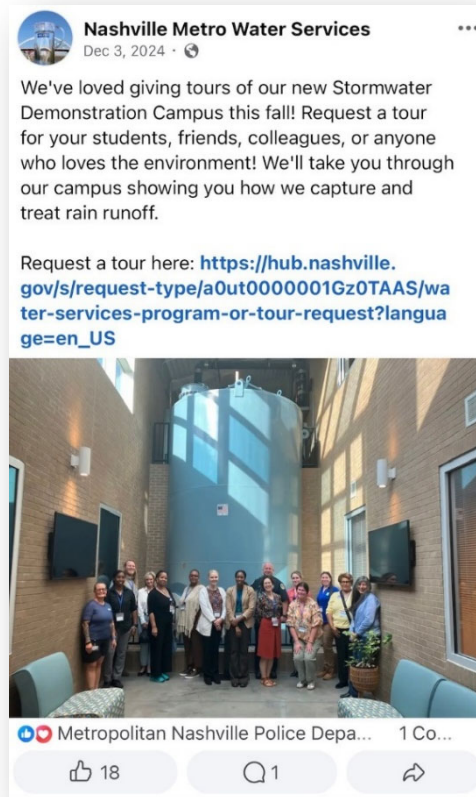
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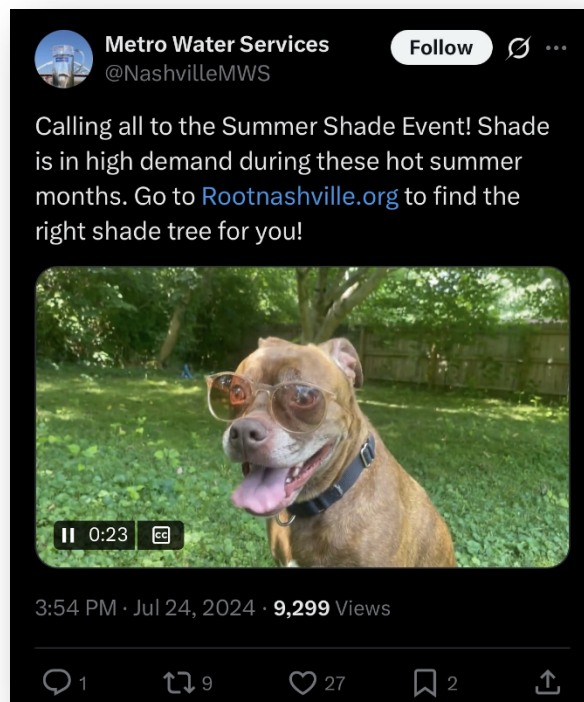
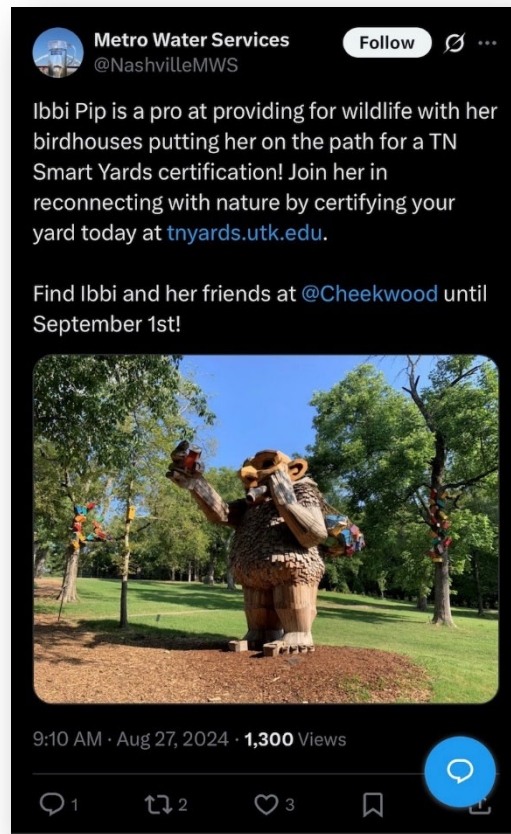
Examples Of MWS Stormwater Social Media Posts In FY25



Examples of MWS Stormwater Social Media Posts in FY25 (Continued)



Examples of MWS Stormwater Social Media Posts in FY25 (Continued)



Locations of MWS-Facilitated Tennessee Smart Yard Certifications in Davidson County during FY25

Timestamp	Street Address	City	Zip Code
7/17/2024 18:58:09	3409 Cobble St	Nashville	37211
7/21/2024 13:49:35	6224 Hillsboro Pike	Nashville	37215
7/23/2024 11:49:11	1710 Pecan Street, Unit A	Nashville	37208
7/28/2024 23:28:10	1806 Ashwood Ave	Nashville	37212
7/30/2024 9:55:14	2409 Milton Drive	Nashville	37216
8/3/2024 9:33:21	4805 Milner Drive	Nashville	37211
8/7/2024 17:50:01	737 Myhr Drive	Nashville	37221
8/7/2024 21:38:46	3130 Glenclyff Rd	Nashville	37211
8/9/2024 13:36:55	5328 Old Village Road	Nashville	37211
8/9/2024 23:17:27	2105 Creighton Ave	Nashville	37206
8/15/2024 17:08:34	5632 Knob Road	Nashville	37209
9/9/2024 22:44:35	1504 Stratton Ave	Nashville	37206
9/16/2024 12:03:42	6633 Christiansted Lane	Nashville	37211
9/26/2024 23:53:13	723 Dover Rd	Nashville	37211
10/17/2024 17:42:26	905 Crescent Hill Road	Nashville	37206
10/21/2024 21:08:38	3802 Whitland Ave.	Nashville	37205
10/22/2024 12:33:21	2021 Hutton Dr	Nashville	37210
10/31/2024 16:58:18	7439 Bridle Dr	Nashville	37221
11/3/2024 17:06:12	258 Harding Place	Nashville	37205
11/10/2024 12:25:18	3116 Ivey Point Td	Goodlettsville	37072
11/15/2024 12:21:59	1506 Forest Avenue	Nashville	37206
1/2/2025 11:44:35	801 Timber Ln	Nashville	37215
1/5/2025 10:36:10	206 50th Ave N.	Nashville	37209
1/8/2025 12:18:09	403 Fairfax Ave	Nashville	37212
1/9/2025 19:33:38	774 Brook Hollow Rd	Nashville	37205
2/18/2025 21:29:20	1800 Paisley Dr	Nolensville	37135
3/12/2025 18:18:52	309 McCoin Drive	Goodlettsville	37082
3/16/2025 10:49:55	1005 E.Point Cove	Hermitage	37076
3/19/2025 22:32:36	3301 Hobbs Rd	Nashville	37215
4/3/2025 6:51:02	8244 Spring Ridge Dr.	Nashville	37221
4/6/2025 13:23:54	234 Ridgeway Drive	Nashville	37214
4/7/2025 11:28:31	921B Delmas Ave	Nashville	37216
4/12/2025 11:06:31	1209 Ardee Ave	Nashville	37216
4/16/2025 15:05:02	713 Ramsey St.	Nashville	37206
4/18/2025 12:50:11	2261 Arbor Pointe Way	Hermitage	37076
4/21/2025 23:30:28	540 Southcrest Dr.	Nashville	37211
4/23/2025 11:23:37	1135 Ardee Avenue	Nashville	37216
4/25/2025 21:42:35	1909 Russell Street	Nashville	37206
4/27/2025 17:17:27	1340 Bellshire Dr.	Nashville	37207
4/30/2025 14:25:45	5032 Trousdale Drive	Nashville	37220



Locations of MWS-Facilitated Tennessee Smart Yard Certifications in Davidson County during FY25 (Continued)

Timestamp	Street Address	City	Zip Code
5/1/2025 9:18:16	622 Brook Hollow Road	Nashville	37205
5/5/2025 14:24:03	2842 colonial Cir	Nashville	37214
5/6/2025 17:27:19	9014 Sawyer Brown Rd	Nashville	37221
5/9/2025 0:20:38	3040 Brookview Forest Drive	Nashville	37211
5/10/2025 13:52:01	129 Scenic View Road	Old Hickory	37138
5/10/2025 17:59:12	3704 Yelton Dr	Nashville	37211
5/10/2025 18:07:45	3732 Tibbs Drive	Nashville	37211
5/10/2025 20:01:52	330 Janette Ave	Goodlettsville	37072
5/14/2025 16:42:10	1921 19th Ave S	Nashville	37212
5/23/2025 15:03:34	820 Ashton Park Way	Mt Juliet	37122
5/26/2025 12:24:57	777 Harpeth Bend Dr	Nashville	37221
5/27/2025 13:47:57	853 Lakemont Dr	Nashville	37220
6/5/2025 16:40:07	1209 McChesney Avenue	Nashville	37216
6/8/2025 17:29:41	2660B Barclay Drive	Nashville	37206
6/10/2025 14:46:26	409 Cedarview Dr.	Nashville	37211
6/11/2025 17:10:04	408 Bradford Green	Nashville	37221
6/11/2025 20:00:21	437 Dawn Drive	Nashville	37211
6/27/2025 14:40:39	2013 Lynmeade Drive	Nashville	37210
6/28/2025 9:45:10	589 Watsonwood Dr.	Nashville	37211



Summary of MWS-Facilitated Tennessee Smart Yard Actions Taken During FY25

Total Yards Certified (July 1st, 2024, to June 30th, 2025):	59
Total Area Reported (acres):	24.5
Practices	Count
Assess yard conditions such as light availability/soil characteristics etc.	54
Remove or avoid using invasive/exotic plants and incorporate native plants.	54
Protect beneficial insects that control pests and support pollination.	54
Determine your landscape objectives.	53
Incorporate plants that support habitat needs of desirable wildlife.	53
Use mechanical approach to control pests such as pruning and hand removal.	53
Use organic pine straw/ pine bark/ leaves/ or hardwood mulch.	53
Leave grass clippings on lawn.	51
Group plants according to site conditions.	51
Practice good housekeeping.	50
Check for pests regularly.	50
Use composted grass clippings/ leaves/ pruned plant parts/ kitchen scraps to improve soils.	50
Maintain a 2-3 inch mulch layer in plant beds and over tree roots.	50
Preserve existing vegetation (especially trees) during land disturbance activities.	50
Use landscape waste (tree trimmings/ fallen leaves/ pine needles etc) on site.	49
Mow grass high.	49
Protect all soil surfaces with vegetation to minimize erosion by rainfall and runoff.	49
Install bat houses, bird houses, and bird feeders.	48
Spot treat only affected areas, avoiding routine applications of pesticides.	47
Use environmentally friendly pesticides such as horticultural oils and insecticidal soaps.	46
Incorporate salvaged materials into landscaping.	45
Provide a wildlife water source.	44
Sketch your yard including long-term goals.	41
Assess and address soil compaction.	37
Use rain gauge to monitor plant water needs.	34
Disconnect downspouts from the stormwater drainage system or from impervious surfaces.	33
Use rain barrels to catch rooftop runoff	33
Use permeable surfaces for hardscapes.	33
Adjust sprinkler heads to avoid hitting paved surfaces.	26
Locate plants to increase home energy efficiency.	26
Fertilize as recommended by soil test and not in wet weather.	25
Maintain a mix of native trees, shrubs, grasses, and wildflowers along water's edge.	25
Maintain soil pH in the recommended value.	22
Create a "no mow, no fertilizer, no pesticide" zone along waterways.	17
Build a rain garden to catch and filter runoff.	17



Thematic Summary of FY25 TN Smart Yard Participant Responses

Overall Theme: The TN Smart Yard experience is described as a **transformative and deeply rewarding journey** where people learn to work with nature, welcome wildlife, and create sustainable, beautiful spaces. It fosters **personal joy, ecological responsibility, and community inspiration**, showing how small-scale actions in one's yard can collectively support a healthier environment.

- Joy of Learning and Growth
 - a. Many participants expressed excitement about learning sustainable gardening practices, especially with native and keystone plants, pollinator support, and soil/landscape management.
 - b. The program helped gardeners realize they were already practicing smart yard principles while also inspiring them to try new techniques like rain gardens, composting, and rain barrels.
- Connection to Wildlife and Ecology
 - a. A recurring theme was the delight in seeing wildlife return—pollinators, butterflies, birds, bunnies, skinks, foxes, frogs, and more.
 - b. Gardeners saw their yards evolve into habitats full of life, creating a sense of pride and stewardship.
- Personal and Family Fulfillment
 - a. Gardening was described as therapeutic, joyful, and meaningful.
 - b. Several noted it as a family activity that teaches children the importance of caring for the environment, while also providing beauty, food, and shared outdoor experiences.
- Environmental Stewardship and Responsibility
 - a. Participants felt empowered knowing that small, local actions—like planting natives or reducing lawn space—contribute to larger ecological health.
 - b. Many described themselves as caretakers of the land, motivated by a sense of duty to preserve biodiversity and water quality.
- Transformation and Ongoing Journey
 - a. People spoke of their yards as works in progress, evolving over years rather than ever being “finished.”
 - b. There was strong excitement for the future—adding more native plants, improving stormwater management, and continuing to reduce nonnative species.
- Community Inspiration and Shared Knowledge
 - a. Several participants mentioned connecting with Master Gardeners, local plant growers, and neighbors, and expressed hopes of inspiring others to start their own smart yards.
 - b. The program's tools (checklists, workshops, ruler, etc.) provided structure, encouragement, and a sense of accomplishment.



MWS Classroom/Youth-Based Public Education Program Activities during FY25
STORMWATER DEMONSTRATION CAMPUS TOURS AND ACTIVITIES

Target Audience		Program Description	Outcomes/ Measures of Success		Recommendations for Improvement
Students and teachers		Tours of the campus to learn about stormwater control measures and runoff pollution.	Students used maps to site SCMs to solve a fictional runoff pollution problem. Teachers created study units for classes.		These programs will continue with a goal of expanding the programming.
Date	School	Programs	Students	Grade Level	Activity
TOTALS		37	1560		
21-Jan-25	John Early Middle Paideia Magnet	2	51	7th grade	MNPS 7th Grade STEAM Expeditions
21-Jan-25	McKissack Middle Prof. Dev. Design Ctr.	2	39	7th grade	
22-Jan-25	IT Cresswell MS	2	80	7th grade	
23-Jan-25	Dupont Hadley Middle	2	136	7th grade	
28-Jan-25	Antioch Middle	2	120	7th grade	
29-Jan-25	Antioch Middle	2	120	7th grade	
30-Jan-25	Rose Park Middle Math/Science Magnet	2	110	7th grade	
04-Feb-25	Haynes Middle Health/Medical Science Design	2	98	7th grade	
05-Feb-25	Jere Baxter Middle School	4	140	7th grade	
06-Feb-25	Amqui Middle School	1	52	7th grade	
06-Feb-25	Brick Church Middle	1	54	7th grade	
11-Feb-25	Stratford Middle School	1	65	7th grade	
12-Feb-25	J.F. Kennedy Middle	2	126	7th grade	
13-Feb-25	J.F. Kennedy Middle	2	126	7th grade	
18-Feb-25	Head Middle Magnet	2	76	7 th grade	
06-May-25	J.F. Kennedy Middle	5	100	7th grade	Student presentations of 3D models, follow up to STEAM Expeditions
19-Aug-24	Overton High	1	22	11th grade	Intro to project
28-Aug-24	Overton High	1	20	11th grade	Architecture design class project research
14-Apr-25	Home School Group	1	25	5th - 12th	STEAM project



MWS Classroom/Youth-Based Public Education Program Activities during FY25 (Continued)

DOG WASTE POLLUTION PREVENTION PROGRAMS					
Target Audience	Program Description	Outcomes/ Measures of Success		Recommendations for Improvement	
College, middle, and elementary students.	Students learned about the runoff pollution caused by dog waste left on the ground and conducted research.	Students created social media, posters, and charades about dog waste runoff pollution.		These programs are successful in building awareness dog waste pollution and should continue.	
Date	School	Programs	Students	Grade Level	Activity
TOTALS		17	467		
23-Aug-24	David Lipscomb University	1	10	College	Social media, PR class
23-Aug-24	David Lipscomb University	1	40		Signage and messaging, Principles of Sustainability class
23-Aug-24	David Lipscomb University	1	10		Capstone class
18-Sep-24	David Lipscomb University	1	9		Capstone class literature review
02-Dec-24	David Lipscomb University	1	10		Capstone Presentations
06-Dec-24	David Lipscomb University	1	10		Capstone Presentations
04-Dec-24	Overton High	1	24	10 th grade	Draft project review
11-Dec-24	Overton High	1	24		Final project review
28-Apr-25	Head Middle Magnet	4	200	5 th grade	Create social media and posters
30-Apr-25	Pennington Elem.	1	50	5 th grade	
19-May-25	Whitsitt Elem.	3	60	4 th grade	
24-Jun-25	Library: Watkins Park Branch	1	20	9-11 years old	Scoop the poop charades



MWS Classroom/Youth-Based Public Education Program Activities during FY25 (Continued)

RUNOFF POLLUTION PREVENTION BROCHURE REVIEWS						
Target Audience		Program Description		Outcomes/ Measures of Success		Recommendations for Improvement
Middle school students		Students reviewed residential runoff pollution prevention brochures for readability and content.		Students provided feedback on the brochures that showed understanding of the issues and best practices.		These programs would be useful if new brochures are produced.
Date	School		Programs	Students	Grade Level	Activity
TOTALS			8	280		
16-Oct-24	Brick Church Middle		1	8	6 th grade	Brochure review
01-Nov-24	Stratford Middle School		1	18		
13-Nov-24	Issac Litton Middle		1	24		
06-Dec-24	Thurgood Marshall Middle School		1	30		
14-Jan-25	Head Middle Magnet		4	200		

STORMWATER POLLUTION PREVENTION LOANER KITS						
Target Audience		Program Description		Outcomes/ Measures of Success		Recommendations for Improvement
Elementary – High School		Students reviewed residential runoff pollution prevention brochures for readability and content.		Students provided feedback on the brochures that showed understanding of the issues and best practices.		These programs would be useful if new brochures are produced.
Date	School		Programs	Students	Grade Level	Activity
TOTALS			8	280		
16-Oct-24	Brick Church Middle		1	8	6 th grade	Brochure review
01-Nov-24	Stratford Middle School		1	18		
13-Nov-24	Issac Litton Middle		1	24		
06-Dec-24	Thurgood Marshall Middle School		1	30		
14-Jan-25	Head Middle Magnet		4	200		



MWS Classroom/Youth-Based Public Education Program Activities during FY25 (Continued)

THE WATERSHED GAME				
Target Audience	Program Description	Outcomes/ Measures of Success	Recommendations for Improvement	
K-12 Teachers and their students.	The Watershed Game helps students understand the relationship between land uses within a watershed, water quality, and their community. The Game emphasizes collaboration and cooperative decision-making, persuasive argument, teamwork, and leadership skills along with science and math.	Teachers request both training in the game to use in their class, and NPDES facilitated classroom programs.	Continue to promote this loaner and classroom program. This program has potential to grow.	
Date	Teacher Professional Development Training on The Watershed Game		Programs	Teachers
	TOTAL		3	34
05-Aug-24	Explore Community School		1	32
23-Aug-24	Stratton Elem.		1	1
19-Nov-2024	Abintra Montessori		1	1
Date	Loaner Watershed Game Programs	Programs	Students	Grade Level
	TOTALS	10	224	
05-Aug-24	Explore Community School	9	209	2 nd – 4 th grades
19-Nov-2024	Abintra Montessori	1	15	3 rd and 4 th grade
Date	Facilitated Watershed Game Programs	Programs	Students	Grade Level
	TOTALS	3	100	
14-Nov-24	Jere Baxter Middle School	1	40	6th grade
05-Dec-24	Jere Baxter Middle School	2	60	6th and 8th grades



MWS Classroom/Youth-Based Public Education Program Activities during FY25 (Continued)

ENVIROSCOPE MODEL				
Target Audience	Program Description	Outcomes/ Measures of Success	Recommendations for Improvement	
K-12 Teachers and their students.	The EnviroScope Model helps students and teachers understand non-point source pollution, runoff, and erosion and sediment control.	Teachers request both training in the game to use in their classes. The NPDES facilitated erosion/sediment control activity is well received by students who demonstrate their understanding on the model.	Continue to promote this loaner and classroom program. This program has potential to grow.	
Date	Teacher Professional Development Training on the EnviroScope		Programs	Teachers
	TOTAL		4	36
05-Aug-24	Explore Community School		1	32
22-Aug-24	Stratton Elementary		1	1
10-Sep-24	Abintra Montessori		1	1
10-Dec-24	Thurgood Marshal Middle		1	2
Date	Loaner EnviroScope Programs	Programs	Students	Grade Level
	TOTALS	77	1722	
06-Sep-24	Stratton Elem.	8	180	2 nd grade
09-Sep-24	Inglewood Elementary	6	114	2 nd grade
11-Sep-24	Warner Elementary	3	75	2 nd grade
16-Sep-24	Abintra Montessori	9	123	2-6 grade
01-Oct-24	Inglewood Elementary	2	38	2 nd grade
02-Oct-24	Explore Community School (with Friends of Shelby)	3	70	2 nd grade
04-Oct-24	Explore Community School (flooding, erosion, non-point source pollution)	45	1062	k-4 th grade
10-May-25	Friends of Shelby	1	60	2 nd -4 th grade
Date	NPDES Facilitated Erosion/Sediment Control Programs	Programs	Students	Grade Level
	TOTALS	10	158	
19-Jul-24	Library: Watkins Park Branch	1	8	Elementary-middle
22-Oct-24	James Lawson High School	3	90	10 th grade
12-Jun-25	Cane Ridge Elementary	3	30	elementary
13-June-25	Edison, Thomas A. Elementary	3	30	elementary



MWS Classroom/Youth-Based Public Education Program Activities during FY25 (Continued)

SUMMER CAMP PROGRAMS				
Target Audience	Program Description	Outcomes/ Measures of Success		Recommendations for Improvement
Summer Camps that include creek/lake activities	<i>The Water Cycle & Me:</i> Hands-on EnviroScape model activity. Campers participate in a story about adults making common mistakes that cause non-point source pollution. The story is personalized to the camp and water activity the campers will experience.	At the end of the program, campers named residential sources of pollution and made pretend recommendations to neighbors of best practices. These camps have made the program a regular part of the curriculum.		These programs are successful in building awareness of non-point source pollution and should continue.
Date	Camp	Programs	Campers	Ages
TOTALS		23	361	
01-Jul-24	Metro Parks Outdoor Recreation and Community Centers	1	12	elementary/middle
08-Jul-24	Metro Parks Outdoor Recreation and Community Centers	2	20	elementary/middle
15-Jul-24	Metro Parks Outdoor Recreation and Community Centers	2	20	elementary/middle
16-Jul-24	Summer Camp: Cheekwood	1	8	elementary
16-Jul-24	Summer Camp: Leadership Academy	3	24	elementary/middle
18-Jul-24	Summer Camp: Owls Hill Nature Sanctuary	1	24	elementary/middle
22-Jul-24	Metro Parks Outdoor Recreation and Community Centers	1	12	elementary/middle
24-Jul-24	Summer Camp: Leadership Academy	2	24	elementary/middle
25-Jul-24	Summer Camp: Owls Hill Nature Sanctuary	1	24	elementary/middle
01-Aug-24	Owls Hill Nature Sanctuary	1	22	elementary
29-May-25	Owls Hill Nature Sanctuary	1	24	elementary
04-Jun-25	Cheekwood, Pond Life Camp	1	15	elementary
05-Jun-25	Owls Hill Nature Sanctuary	1	24	elementary
06-Jun-25	Edison, Thomas A. Elementary	3	60	3rd grade
12-Jun-25	Owls Hill Nature Sanctuary	1	24	Elementary
26-Jun-25	Owls Hill Nature Sanctuary	1	24	elementary - middle school



MWS Classroom/Youth-Based Public Education Program Activities during FY25 (Continued)

TREE PROGRAMS				
Target Audience	Program Description	Outcomes/ Measures of Success		Recommendations for Improvement
Schools	The programs support NPDES' Urban Forestry program plants trees at schools for stormwater mitigation.	Students are able to calculate the benefits of trees using MyTree and learn how to care for their new trees.		These programs can be expanded.
Date	Camp	Programs	Campers	Ages
TOTALS		11	233	
01-Nov-24	Issac Litton Middle	1	3	middle school
18-Nov-24	Issac Litton Middle	1	5	middle school
16-Jan-25	Dupont Hadley Middle	5	125	7th and 8th grade
17-Jan-25	Dupont Hadley Middle	4	100	6th grade



MWS Classroom/Youth-Based Public Education Program Activities during FY25 (Continued)

Career-based Activities						
Target Audience		Program Description		Outcomes/ Measures of Success		Recommendations for Improvement
High school		Job shadows, career presentations, and plant tours are used to inform students and teachers about careers in water.		Hands on job shadows were created to give students a realistic experience of the jobs. Classroom career programs were requested by teachers to emphasize soft skills. Plant tours have become a part of the curriculum for some high schools and colleges.		Develop stormwater careers and job shadows.
Job Shadows						
Date	School	Programs	Students	Grade Level	Activity	
TOTALS		7	68			
17-Sep-24	Glencliff Elementary	1	14	11th grade	Hydrant demonstration	
17-Oct-24	Academy at Old Cockrill	2	7	12th grade	Meter and Maintenance Shops	
29-Oct-24	Overton High	2	25	10th grade	Meter shop	
07-Nov-24	Overton High	2	22	10th grade	Meter shop	
Classroom Career Programs						
Date	School	Programs	Students	Grade Level	Activity	
TOTALS		4	108			
18-Sep-24	Academy at Old Cockrill	1	10	12th grade	Classroom presentation	
23-Oct-24	Academy at Old Cockrill	1	15	12th grade	Classroom presentation	
20-Nov-24	Academy at Old Cockrill	1	15	high school seniors	Classroom presentation	
23-Jun-25	Adventure Science Center	1	68	elementary and middle school	Career Fair	
Mock Interviews						
Date	School	Programs	Students	Grade Level	Activity	
TOTALS		2	8			
08-Apr-25	Overton High	1	5	Seniors		
10-Apr-25	Overton High	1	3	Seniors		
Biosolids Facility Tours						
Date	School	Tours	Students	Grade Level	Adults	Class
TOTALS		4	62			
05-Sep-24	David Lipscomb University	1		College	40	Sustainability
14-Apr-25	Liberty Creek high school	1	12	11 th grade		Environmental
21-Apr-25	Vanderbilt School of Science & Math	1	25	9 th grade		
07-May-25	Overton High	1	25	11th grade		Interdisciplinary Science Research



MWS Classroom/Youth-Based Public Education Program Activities during FY25 (Continued)

KRHWTP Tours						
Date	School	Tours	Students	Grade Level	Adults	Class
TOTALS		6	107			
30-Oct-24	Inglewood Elementary	1	26	5th grade		
11-Dec-24	Templeton Academy	1	8	Middle School		
11-Apr-25	Lipscomb Academy (HS)	1	10			
07-May-25	Overton High	1	25	11th grade		
30-May-25	Private School	1	17		5	
24-Jun-25	Home School Group	1	21		9	
Whites Creek Water Reclamation Plant Tours						
Date	School	Tours	Students	Grade Level	Adults	Class
TOTALS		17	111			
04-Sep-24	Belmont University	1		College	23	Environmental Science for non-majors class
05-Sep-24	David Lipscomb University	1			40	Sustainability class
12-Nov-24	Belmont University	1			17	Environmental Science Class
18-Nov-24	Belmont University	1			24	Environmental Science Class
19-Nov-24	University: Vanderbilt	1			9	History PhD Class
26-Mar-25	Belmont University	1			25	
27-Mar-25	Belmont University	1			25	
31-Mar-25	Belmont University	1			25	
01-Apr-25	Belmont University	1			25	
02-Apr-25	Aquinas	1			5	Environmental Science
24-Apr-25	David Lipscomb University	1			9	
18-Oct-24	Home School Group	1	14	middle school		
07-Apr-25	Merritt Hyde high school	1	25	Seniors		
11-Apr-25	Lipscomb Academy (HS)	1	10	Seniors		
14-Apr-25	Liberty Creek High School	1	12	Seniors		
21-Apr-25	Vanderbilt School of Science & Math (High School)	1	25	9 th grade		
07-May-25	Overton High	1	25	11th grade		



NPDES Public Education Activities during FY25

Date	Event	Education Type	Audience #	Audience	Target Audience/ Pollutant	Notes
7/13/2024	Farm Fun Day	Citywide Event	900	Davidson County Residents	Soil and Water Conservation	Jesse Hunter operated an educational booth at the Farm Fun Day.
7/19/2024	Trash Dumping	Brochure/ Door Hanger Distribution	48	Residents	Leaves/Brush/ Trash Dumping	Kevin Turner distributed 45 door hangers and spoke to 3 residents due to complaint of trash dumping in the drainage ditch in this area.
7/24/2024	Food Waste Dumping	Brochure/ Door Hanger Distribution	20	Solomon Lane Residents	Oil and Grease	Kevin Turner distributed 20 door hangers about the dumping of food waste being prohibited to storm drains.
7/25/2024	FOG in storm drain	Brochure/ Door Hanger Distribution	10	Residents	Oil and Grease	Kevin Turner distributed 10 door hangers to the homes in the area surrounding a storm drain with FOG seen in the catch basin
7/26/2024	FOG Program SW Response	Brochure/ Door Hanger Distribution	20	Business Owners	Oil and Grease	Kevin Turner spoke with business owners at 20 sites sent to Stormwater due to potential FOG impacts. Kevin distributed our food industries brochure and door hangers to each of the businesses.
7/27/2024	Urban Runoff 5K	Citywide Event	368	Nashville and Surrounding County residents	General Stormwater Pollution	Gretchen and Jesse Hunter staffed a TNSY and Soil/Water Conservation District booth at the 5K. MWS provided event waste containers and park police for the race. There were approximately 343 runners with 25 people (some runners, other vendors, and supporters) spoken to at the booth. Race route had informational signage about water pollution.
7/31/2024	STEAM & Science Content Day	Presentation	20	Davidson County Teachers	General Stormwater Pollution	Sarah and Julie gave a presentation on tree planting at schools focused on the benefits for the environment and student curriculum. Gretchen and Julie attended the exhibit hall with the Watershed Game and Enviroscape for teachers to use the loaner program.
8/1/2024	Dumping in Storm Drain	Brochure/ Door Hanger Distribution	55	Residents around Clipper Ct and Eastview Dr	Leaves/Brush/ Trash Dumping	Gretchen distributed 55 door hangers to homes in the area and spoke to 3 residents after receiving a complaint of debris being dumped into a storm drain



NPDES Public Education Activities during FY25 (Continued)

Date	Event	Education Type	Audience #	Audience	Target Audience/ Pollutant	Notes
8/1/2024	Dog Nights of Summer	Educational Booth	27	Cheekwood Visitors	Pet Waste	Gretchen staffed a booth talking about scooping the poop and TN Smart Yards. Pet waste bags, dog treats, and seed packets were handed out to visitors.
8/5/2024	Teacher Training for Loaner Program	Presentation	35	Teachers from Explore Community School	General Stormwater Pollution	Julie and Gretchen presented the basics of stormwater to the teachers. Teachers learned how to use the Watershed Game and Enviroscape in their classes.
8/7/2024	Cosecha Community Market	Educational Booth	15	Residents	General Stormwater Pollution	Gretchen and Simone from Zero Waste staffed a booth at the market to talk about scoop the poop, TNSY, and reporting stormwater pollution.
8/8/2024	Master Gardeners Meeting	Presentation	45	Davidson Co. Master Gardeners	General Stormwater Pollution	Julie gave a presentation at the monthly meeting about how to create a cooling effect using trees and how to use TNSY to reduce heat impacts.
8/15/2024	Dog Nights of Summer	Educational Booth	32	Cheekwood Visitors	Pet Waste	Gretchen and Julie staffed a booth talking about scooping the poop and TN Smart Yards. Pet waste bags, dog treats, a free dog toy, and seed packets were handed out to visitors.
8/27/2024	Watermelon Festival	Educational Booth	50	Nashville Farmers Market Attendees	General Stormwater Pollution	Gretchen and Julie staffed a TNSY booth at the festival with the TNSY poll, rain gauge giveaways and Black-Eyed Susan Seeds.
9/7/2024	Popsicle Party: Root Nashville Booth	Educational Booth	28	residents	General Stormwater Pollution	Sarah staffed a booth with other nonprofit reps for Root Nashville. Booth content included the campaign, EAB, and other tree-focused messaging.
9/7/2024	Popsicle Party: TNSY Booth	Educational Booth	32	residents	General Stormwater Pollution	Julie and Gretchen staffed a TNSY booth at the Popsicle Party for Friends of Shelby. Black-Eyed Susan seeds, coloring pages, rain gauges, and pet waste bag dispensers distributed.



NPDES Public Education Activities during FY25 (Continued)

Date	Event	Education Type	Audience #	Audience	Target Audience/ Pollutant	Notes
9/20/2024	TEEA Conference: Watershed Game	Presentation	3	Environmental Educators	General Stormwater Pollution	Gretchen led group through the Watershed Game and how to incorporate it into their curriculums
9/20/2024	TDEC Level 1 Certification	Presentation	100	Proposed Level 1 EPSC Prof.	Construction/ Development Education	Shawn Herman presents Metro Grading Permit information to people seeking Level 1 EPSC Cert.
9/21/2024	TN Naturalist Continuing Education	Presentation	17	TN Naturalist Program Attendees	General Stormwater Pollution	Julie and Gretchen presented TNSY and taught attendees how to plan their home landscaping using TNSY and contour mapping.
9/27/2024	SWAW Stream Cleanup	Citywide Event	6	Residents	General Stormwater Pollution	Gretchen, Josh, and Larry worked with CRC crew and residents in a stream cleanup celebrating Stormwater Awareness Week
9/30/2024	Crunch Fitness Membership Event	Educational Booth	15	gym members	General Stormwater Pollution	Julie staffed a TNSY and scoop the poop booth at the monthly membership event with other community partners.
10/7/2024	Rollin with My Dawgs	Educational Booth	7	residents	Pet Waste	Julie staffed a scoop the poop table at Rolled 4 Ever Ice Cream Shop hosting a dog friendly event with other pet vendors.
10/7/2024	Grinder Pump Maintenance	Mail-out	961	Apartment Complex Owners	Maintenance Activities	Gretchen and Kevin prepared a mailout for apartment complex owners in the county to notify them that they may have a grinder pump that needs maintenance to ensure there are no sewage overflows. The mailout included information on how to reduce clogs in sewer lines as well.
10/11/2024	2025 SESWA Conference	Presentation	120	SESWA Conference Attendees	MS4 Permit Compliance	Julie and Gretchen presented to conference attendees on NPDES partnerships with universities and schools for different projects and how these partners can help achieve permit compliance.



NPDES Public Education Activities during FY25 (Continued)

Date	Event	Education Type	Audience #	Audience	Target Audience/ Pollutant	Notes
10/13/2024	Neighbors for Native Plants	Educational Booth	20	Residents	General Stormwater Pollution	Julie hosted a TNSY booth at the Neighbors for Native Plants sale
10/16/2024	MTAC Tour	Tour	19	Metro Tree Advisory Committee Members	General Stormwater Pollution	Julie gave a tour of the stormwater campus to MTAC members. The tour focused on the SCMs installed on the campus and providing information about NPDES staff and programs.
10/16/2024	Metro Connect Tour	Tour	9	Metro Employees	General Stormwater Pollution	Julie gave a tour of the stormwater campus to other Metro employees. The tour focused on the SCMs installed at the campus and providing information about NPDES staff and programs.
10/17/2024	Bellevue Farmers Market	Educational Booth	36	Bellevue Residents	Pet Waste	Julie and Gretchen staffed a booth with TNSY and pet waste. This was the first booth using the scoop the poop demonstration that kids/families interacted with. There were TNSY brochures/actions, seeds, pet waste bags, and dog treats given out.
10/19/2024	TN STEAM Festival	Educational Booth	59	Residents	Soil and Water Conservation	Julie, Jesse, and Gretchen set up in front of the ASC with Envirosapes and the NRCS Soil Tunnel to educate families about the importance of soil conservation and how sediment-laden runoff can impact waterways
10/24/2024	TNSA Stormwater Conference	Presentation	64	Attendees of the TNSA Conference	MS4 Permit Compliance	Michael and Mary participated in a panel discussion on Good Housekeeping measures and the Water Quality Report Card.
10/27/2024	Cheekwood's Pooch Party	Educational Booth	176	Cheekwood Event Attendees	Pet Waste	Sarah and Joseph staffed a pet waste booth. They had pet waste bags and our scoop the poop game along with signage indicating the harm pet waste can do to the environment.
10/29/2024	12 South Farmers Market	Educational Booth	49	Residents	Pet Waste	Julie staffed a pet waste/TNSY booth at the farmers market with the scoop the poop game to encourage owners to pick up their pet waste.



NPDES Public Education Activities during FY25 (Continued)

Date	Event	Education Type	Audience #	Audience	Target Audience/ Pollutant	Notes
10/31/2024	Metro Connect Tour	Tour	16	Metro Employees	General Stormwater Pollution	Julie gave a tour of the stormwater campus to other Metro employees. The tour focused on the SCMs installed on the campus and providing information about NPDES staff and programs.
11/3/2024	Open Streets	Educational Booth	180	Residents around Antioch Pike	Pet Waste	Julie and Gretchen staffed a TNSY/pet waste booth including the scoop the poop game and stormwater cornhole.
11/4/2024	Metro Connect Tour	Tour	13	Metro Employees	General Stormwater Pollution	Julie gave a tour of the stormwater campus to other Metro employees across departments. The tour focused on the SCMs installed on the campus and providing information about NPDES staff and programs.
11/14/2024	Winter Sowing Workshop	Presentation	6	Residents	General Stormwater Pollution	Julie discussed TNSY and walked attendees through the process of mapping their yards.
11/16/2024	Holigay Market	Educational Booth	85	Residents	General Stormwater Pollution	Gretchen staffed a booth to talk about TNSY and Scoop the Poop.
11/16/2024	Winter Sowing Workshop	Presentation	4	Residents	General Stormwater Pollution	Julie discussed TNSY and walked attendees through the process of mapping their yards.
11/19/2024	Winter Sowing Workshop	Presentation	2	Residents	General Stormwater Pollution	Julie discussed TNSY and walked attendees through the process of mapping their yards.
11/26/2024	Leaves Blown into Drainage Ditch	Brochure/Door Hanger Distribution	40	Residents	Leaves/Brush/Trash Dumping	Gretchen and Joseph distributed door hangers in response to a HUB complaint about a neighbor blowing leaves into the drainage ditch leading to Mill Creek.
12/4/2024	Computer Science Momentum Expedition	Educational Booth	70	TN Computer Science Educators	General Stormwater Pollution	Julie and Gretchen staffed a booth in the exhibit hall discussing online materials, such as Model My Watershed, Runoff Simulation, iTree, and Parcel Viewer.



NPDES Public Education Activities during FY25 (Continued)

Date	Event	Education Type	Audience #	Audience	Target Audience/ Pollutant	Notes
12/7/2024	Winter Sowing Workshop	Presentation	2	Residents	General Stormwater Pollution	Julie discussed TNSY and walked attendees through the process of mapping their yards.
12/11/2024	Winter Sowing Workshop	Presentation	13	Residents	General Stormwater Pollution	Julie discussed TNSY and walked attendees through the process of mapping their yards.
12/14/2024	Winter Sowing Workshop	Presentation	5	Residents	General Stormwater Pollution	Julie discussed TNSY and walked attendees through the process of mapping their yards.
12/14/2024	Winter Sowing Workshop	Presentation	6	Residents	General Stormwater Pollution	Julie discussed TNSY and walked attendees through the process of mapping their yards.
12/17/2024	TDEC Level 1 Certification	Presentation	140	Proposed Level 1 EPSC Professionals	Construction/ Development Education	Shawn Herman presented Metro Grading Permit information to people seeking Level 1 EPSC Certification.
1/25/2025	Winter Sowing Workshop	Presentation	10	Residents	General Stormwater Pollution	Julie and discussed TNSY and walked attendees through the process of mapping their yards.
2/21/2025	Grease in Storm Drain	Brochure/ Door Hanger Distribution	15	Residents	General Stormwater Pollution	Kevin talked to residents/HOA and distributed door hangers to educate on not dumping grease into storm drains due to a complaint about resident dumping contents of frying pan into storm drain.
2/25/2025	Staining Around Drainage Ditch	Brochure/ Door Hanger Distribution	15	Residents	Oil and Grease	Kevin responded to notice from construction inspector on staining and smell of oil in drainage ditch alongside this property. Kevin distributed 15 door hangers to the surrounding homes after identifying staining at headwall and in street.
2/26/2025	CWP Webinar - Brewery and SharePoint	Presentation	160	Center for Watershed Protection Webinar Attendees	MS4 Permit Compliance	Joseph presented on public education for industrial and municipal groups focusing on our alcohol manufacturers education along with information about our SharePoint created for O&M facilities.



NPDES Public Education Activities during FY25 (Continued)

Date	Event	Education Type	Audience #	Audience	Target Audience/ Pollutant	Notes
2/26/2025	CWP Webinar - School Partnerships	Presentation	160	Center for Watershed Protection Webinar Attendees	MS4 Permit Compliance	Gretchen presented on the school partnerships used to evaluate and progress Nashville's MS4 public education program along with showing the surveying and giveaways implemented.
2/26/2025	AFPM/TNSA Confluence	Presentation	50	Floodplain Managers/TN SA Members	General Stormwater Pollution	Josh/Michael presented on using Green Infrastructure to stabilize Mansker Creek.
3/4/2025	Lebanon High School STEM class	School	7	High school STEM students	General Stormwater Pollution	Veronica Logue talked to LHS students about her career in science
3/15/2025	Rain Barrel Pickup	Citywide Event	858	Residents	General Stormwater Pollution	Josh, Sarah, Kevin, and Gretchen hosted a pickup event for rain barrel customers.
3/19/2025	TDEC Level 1 Certification	Presentation	130	Proposed Level 1 EPSC Professionals	Construction/ Development Education	Shawn Herman presented the Metro Grading Permit information to people seeking Level 1 EPSC cert.
3/22/2025	Shelby Recreation Open House	Educational Booth	118	Community members	Pet Waste	Danielle hosted booth focusing on pet waste including scoop the poop game and handed out free pet waste bags.
3/22/2025	Barks and Treats Events	Flyer Display	160	Pet Owners	Pet Waste	Gretchen provided 160 pet waste bags and scoop the poop signage for event catered to dog owners.
3/25/2025	Pet Waste Bags and Signage	Flyer Display	50	Pet Owners	Pet Waste	Gretchen put out signage and pet waste bags to encourage people to watch their dogs as lots of dogs have been noted there off leash.
3/29/2025	TNSY Workshops	Presentation	10	Bellevue Residents	General Stormwater Pollution	Julie hosted TNSY Workshop to teach how to sketch and certify their yards.
4/2/2025	Lebanon High School STEM class-field portion	School	6	High school STEM students	General Stormwater Pollution	Veronica Logue showed LHS students macroinvertebrates in the stream on the school campus



NPDES Public Education Activities during FY25 (Continued)

Date	Event	Education Type	Audience #	Audience	Target Audience/ Pollutant	Notes
4/8/2025	Old Hickory Village Farmers Market	Educational Booth	42	Residents	Pet Waste	Gretchen hosted booth at market with Zero Waste focusing on Scoop the Poop, TN Smart Yards, recycling, and composting
4/8/2025	TNSY Workshop	Presentation	20	Metro Beautification Commission	General Stormwater Pollution	Julie spoke to Beautification Commissioners about TN Smart Yards and how to share with their residents
4/9/2025	TNSY Workshop	Presentation	10	Harpeth Bend Garden Club	General Stormwater Pollution	Julie talked to garden club members about TN Smart Yards and reducing pollution in their own yards.
4/11/2025	National Pet Day Pawty	Educational Booth	4	dog owners	Pet Waste	Gretchen hosted a Scoop the Poop and TNSY booth at the Central dog park.
4/17/2025	Citizens Water Academy	Presentation	6	residents	General Stormwater Pollution	Josh and Sarah gave a presentation on Stormwater/NPDES roles in MWS and Urban Forestry.
4/19/2025	Earth Day Pet Waste Signs	Flyer Display	110	Earth Day visitors	Pet Waste	Gretchen provided pet waste bag dispensers and educational signs for the MTAC booth
4/27/2025	Neighbors for Native Plants Sale	Educational Booth	20	people buying native plants	General Stormwater Pollution	Julie spoke to people at the native plant sale about TN Smart Yards and incorporating native plants into your certification
4/27/2025	Dogs and Dogwoods	Educational Booth	93	Cheekwood Visitors	Pet Waste	Gretchen, Daniel, and Danielle boothed in shifts to promote picking up pet waste with informational flyers, a Scoop the Poop pledge, and free pet waste bags and treats
4/29/2025	East Nashville Farmers Market	Educational Booth	31	Market Attendees	General Stormwater Pollution	Julie and Gretchen boothed with Zero Waste to promote TNSY and Scoop the Poop. Free pet waste bags, treats, seed packets, and rain gauges were distributed
5/5/2025	Leaves in Storm Ditch	Brochure/ Door Hanger Distribution	10	residents	Leaves/Brush/ Trash Dumping	Kevin distributed door hangers in response to excessive leaves being blown into the storm ditch
5/6/2025	Industrial Stormwater Webinar	Presentation	125	Industrial Site Operators	Industrial Runoff	Gretchen hosted a webinar for industrial sites to discuss permit compliance, Metro's inspection process, and new general TMSP requirements.



NPDES Public Education Activities during FY25 (Continued)

Date	Event	Education Type	Audience #	Audience	Target Audience/ Pollutant	Notes
5/9/2025	Doggie Drag Show	Flyer Display	100	Pet Owners/ Fosters	Pet Waste	Gretchen provided flyers and pet waste bags to be handed out at fundraiser
5/10/2025	TN Smart Yards Festival	Citywide Event	200	residents	General Stormwater Pollution	Gretchen and Julie assisted in organizing festival focused on TNSY principles and certifications. The MWS booth talked about preventing pollution at home including Scoop the Poop and using rain barrels
5/11/2025	HWEN Garden Tour	Educational Booth	146	residents	General Stormwater Pollution	Julie staffed a booth at two of the certified TNSY participating in the garden tour promoting TNSY and distributing brochures and seed packets.
5/13/2025	SCM I&M Course	Presentation	29	people certifying as SCM inspectors	SCM Inspection/Maintenance	Matthew gave a presentation talking about Metro's SCM program and inspection process.
5/17/2025	Root Nashville for Bell's Bend	Presentation	10	Bell's Bend Day of Optimism attendees	Urban Forestry	Sarah Welz presented the urban forestry group's ongoing RootNashville effort, specifically the public portion of the campaign and MWS's lead role
5/18/2025	Amqui Station Farmers Market	Educational Booth	30	residents	General Stormwater Pollution	Gretchen staffed a booth talking about TNSY and Scoop the Poop. Visitors received free pet waste bags, rain gauges, seed packets, and MCG samples
5/22/2025	Crieve Hall Market	Educational Booth	55	residents	General Stormwater Pollution	Gretchen boothed on TNSY and Scoop the Poop. Free pet waste bags, rain gauges, and MCG samples were distributed
5/31/2025	HIP Donelson Market	Educational Booth	48	residents	General Stormwater Pollution	Julie staffed booth talking about TNSY and Scoop the Poop
6/4/2025	Mill Creek Greenway Cleanup	Citywide Event	26	residents	General Stormwater Pollution	Gretchen and intern Jacob worked with Metro Animal Care and Control and the CRC for cleanup. Volunteers were given an overview of the importance of water quality and MWS table had Scoop the Poop info for the adoptable dogs present



NPDES Public Education Activities during FY25 (Continued)

Date	Event	Education Type	Audience #	Audience	Target Audience/ Pollutant	Notes
6/4/2025	Cheekwood Community Week	Educational Booth	98	Cheekwood visitors	General Stormwater Pollution	Julie staffed a TNSY booth at the community week with today's talk focused on native plants
6/6/2025	Cheekwood Community Week	Educational Booth	90	Cheekwood visitors	General Stormwater Pollution	Gretchen staffed a TNSY booth at the community week with today's talk focused on providing for wildlife. EnviroScape was also used for children
6/6/2025	Shelby Park Walking Club	Presentation	16	residents	General Stormwater Pollution	Julie participated in the walking club and stopped several times to talk about runoff, the stream restoration, flood insurance, and Smart Yards.
6/7/2025	Richland Farmers Market	Educational Booth	60	residents	General Stormwater Pollution	Gretchen staffed booth talking about TNSY and Scoop the Poop with Zero Waste talking about recycling and composting
6/10/2025	Grading Permit Presentation	Presentation	15	Auckland Council of New Zealand	Construction/ Development Education	Shawn presented Metro's grading permit process.
6/11/2025	Flatrock Community Market	Educational Booth	34	residents	General Stormwater Pollution	Gretchen staffed TNSY and Scoop the Poop focused booth with Zero Waste talking about recycling and composting
6/24/2025	12 South Farmers Market	Educational Booth	14	residents	General Stormwater Pollution	Gretchen staffed TNSY and Scoop the Poop focused booth with Zero Waste talking about recycling and composting
6/24/2025	NAFSMA/ACWA/NACWA Permitting Roundtable	Presentation	24	EPA, TDEC, Other MS4 Managers	MS4 Permit Compliance	Michael Hunt presented at a joint NACWA/ACWA roundtable web discussion on Nashville MS4 Permit Compliance actions.



Various Stats Tracked for the Current Water Quality Improvement Project Contract with the Cumberland River Compact

MWS/CRC Partnership Agreement	Current Project			Agreement 2			Agreement 1	Total of All Projects	
Data as of: 11/05/2023	05/06/20 - 05/05/25			3/1/15-2/28/20			3/1/09-3/1/15	3/12/09-Present	
Partnership Progress Summary Table	W-QIP			W-QIP			SEP	Total	
WQIP Goal Criteria	W-QIP Goal	Current # Done	% Done	W-QIP Goal	Current # Done	% Done	SEP Total	Completed to date	SEP Goal Criteria
Facilitate rain garden builds	50	76	152%	250	257	103%	300	633	Facilitate 50 rain gardens being built/yr for 5 years
Facilitate planting of trees 1" or greater	2500	24,824	993%	12,500	27,606	221%	12,486	64,916	Facilitate planting of 12,500 trees 1/2" or greater
Educate Davidson County residents about green infrastructure & reach Title 1 school students with stream ecosystem education	15000	42,800	285%	12,500	44,005	352%	69,115	155,920	Educate 10,000 Davidson County residents about green infrastructure
Davidson County residents reached through articles, news stories, and other media.	NA	77,785,287	NA	NA	NA	NA	NA	77,785,287	
Recreation Opportunities on the River (People engaged)	10000	3,472	35%	12,500	22,864	183%	NA	26,336	Recreation Opportunities on the River (People engaged)
Facilitate the adoption of stream segments	25	54	216%	25	69	276%	16	139	Facilitate the adoption of at least 25 stream segments
Remove impermeable pavement (reporting square footage removed)	NA	65866	NA	NA	3,000	NA	0	68,866	Remove impermeable pavement (reporting square footage removed)
Stream Cleanup Requests Received	NA	24	NA	NA	NA	NA	NA	24	Stream Cleanup Requests Received
Stream Cleanup Events Held	160	305	191%	NA	139	NA	NA	444	Stream Cleanup Events Held
Stream Banks Stabilized (linear ft)	250	3,030	1212%	NA	NA	NA	NA	3,030	Stream Banks Stabilized (linear ft)

Note: The 3rd WQIP agreement ended in May of 2025. At the time this annual report was written, a new WQIP agreement has been signed and begun, which will have different reporting stats.



**Example Stormwater Management Commission Meeting Agenda posted on the MWS
Website during FY25**

STORMWATER MANAGEMENT COMMISSION MEETING NOTICE

Meeting Date: 01-May-2025

Meeting Time: 8:30 a.m. – 12:00 p.m.

Location: Sonny West Conference Room
Howard Office Building
700 President Ronald Reagan Way
Nashville, Tennessee 37210

Contact: Logan Bowman
Coordinator - Stormwater Management Commission (SWMC)
Phone: (615) 880-2334 Email: logan.bowman@nashville.gov

PUBLIC INPUT TO THE BOARD

Comments on any case may be emailed to the Coordinator at logan.bowman@nashville.gov. Please have comments submitted by end of business on Tuesday, April 29th, 2025. We urge you to make comments electronically.

AGENDA

- I. Call to Order
- II. Items of Business
- III. Approval of 21-April-2025 Meeting Minutes and Decision Letters
- IV. Cases to be heard on Agenda

202500006 401 CENTER STREET
401 CENTER STREET
Council District: 11 (Jeff Eslick)

- 1. Request to allow 295 cubic yards of uncompensated fill within the floodplain.

- V. Items of Business

Adjournment

Next Meeting: 05-June-2025



Metro Water Services Waste Services Division – Material Management Report (FY25)

Recycling Tons	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Metro Curbside	1,020.98	1,008.85	933.68	1,054.18	1,051.50	1,024.68	1,061.70	667.23	966.98	982.40	776.64	699.40	11,248.22
Drop-offs	471.74	403.58	365.21	450.12	433.84	479.82	381.01	284.77	362.12	356.19	384.23	358.07	4,730.70
Centers	161.88	142.23	130.06	167.72	131.48	121.49	151.68	106.08	125.97	118.65	157.93	140.52	1,655.69
Frontloader	-	-	-	-	-	-	-	-	-	-	-	-	-
Metro Buildings	-	-	-	-	-	-	-	-	-	-	4.06	-	4.06
Hazardous	9.10	0.60	-	0.50	6.90	1.06	-	-	9.22	-	-	-	27.38
Electronics	18.76	25.62	15.04	10.83	17.04	18.85	31.71	6.43	18.02	24.90	16.13	23.28	226.61
Drop-off Food Waste	6.87	5.87	5.32	6.83	8.40	10.77	6.65	6.19	4.19	7.56	9.98	5.65	84.28
Curbside Food Waste	8.79	11.35	8.70	7.80	11.18	9.04	10.04	7.60	7.66	9.99	8.37	8.53	109.05
Special Events	-	0.77	-	-	-	-	-	-	-	-	-	-	0.77
Tires	528.00	723.37	625.00	806.62	549.66	304.20	671.78	709.22	511.21	366.26	362.34	365.64	6,523.30
Total Recycling	2,226.12	2,322.24	2,083.01	2,504.60	2,210.00	1,969.91	2,314.57	1,787.52	2,005.37	1,865.95	1,719.68	1,601.09	24,610.06
Landfill Tons	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Contract Curbside	10,788.44	10,372.14	9,643.26	10,462.84	10,180.65	8,100.01	7,612.92	6,925.07	7,702.74	8,667.14	9,074.11	7,463.31	106,992.63
Metro Curbside	98.62	84.28	87.51	46.60	39.11	2,932.65	2,939.92	2,806.29	2,958.00	3,248.99	3,442.48	2,865.65	21,550.10
Centers	939.23	857.18	706.36	855.44	728.03	683.78	615.11	636.31	981.34	963.60	980.10	836.17	9,782.65
Metro Frontloader	619.14	613.78	609.03	491.38	589.01	669.91	575.21	175.16	113.37	138.27	317.53	298.64	5,210.43
Contract Frontloader	748.45	903.02	610.54	777.31	699.79	818.60	744.34	867.06	1,122.09	1,258.93	1,200.90	1,102.34	10,853.37
Downtown	627.92	573.64	583.74	610.95	502.95	503.88	479.86	410.42	607.49	630.09	583.47	538.81	6,653.22
Metro Buildings	23.39	28.84	29.22	23.31	21.17	27.77	30.32	12.74	22.59	11.10	46.65	23.12	300.22
Special Events	36.46	0.93	7.58	26.31	17.45	5.68	15.90	-	-	6.47	-	10.18	126.96
Total Waste	13,881.65	13,433.81	12,277.24	13,294.14	12,778.16	13,742.28	13,013.58	11,833.05	13,507.62	14,924.59	15,645.24	13,138.22	161,469.58
Other Programs	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Mattress	1,306	1,257	1,094	1,126	987	989	988	873	1,043	1,282	1,085	1,206	13,236



Metro Nashville Department of Transportation Hazardous Spills Responses to Large Spills on Metro Roadways During FY25

Id	Date	Origin	Notified	Location	Situation	Arrived	Actions
2108	06/23/2025	James Greene	11:15	15th Ave. & Shelby Ave	Oil spill on road	11:30	Applied 150 lbs. of Absorbent
2106	06/16/2025	Mike Ribiado	10:00	625 Vinson Dr	Oil spill on roadway	10:25	Applied 75lbs. Absorbent
2104	06/11/2025	Kevin Bailey	11:40	700 Glenn St	Hydraulic oil spill on road	12:05	Applied 50 lbs. Absorbent
2103	06/04/2025	Ernie Kurgan	6:30	Meharry Blvd. & 24th Ave N.	Hydraulic spill on road	7:02	Applied 300 lbs. Of Spill Gone Absorbent On Rd
2102	06/01/2025	OEM	7:30	Blythe Ct & Bay Cove Trail	Oil spill on road	8:15	Applied 200 lbs. Spill gone absorbent
2100	05/22/2025	Ernie Kurgan	14:00	Deer Valley Trail & Bluff Hollow	Oil spill on road	14:30	Applied 900 lbs. Of spill gone absorbent
2099	05/06/2025	Larry Lancadter	13:00	614 Gaylemore Dr.	Hydraulic spill on road	14:30	Applied 350 lbs. Absorbent on road
2098	04/04/2025	OEM	4:20	150 Trinity Lane	Oil spill on road from wreck	4:50	25 lbs. Absorbent
2097	03/21/2025	Kalab Fiddler	8:00	818 Kirkwood Ave	Hydraulic spill on road 50 gal.	8:20	Applied 100 lbs. Absorbent
2095	03/20/2025	OEM	17:00	West Trinity Lane & Buena Vista Pike	Oil spill on road from wreck	17:10	Applied 75 lbs. Of spill gone absorbent
2093	03/18/2025	Chris Dotye	12:30	750 S. 5th. St	Transmission fluid spill from car on parking lot	12:25	Applied 50 lbs. Spill gone absorbent on spill
2092	03/17/2025	OEM	14:30	Clarksville Pk & Beuna Vista Pk	Car accident oil spill on road	14:45	Applied 150 lbs. Spill gone absorbent on road
2091	01/31/2025	OEM	14:30	601 Korean Veterans Blvd.	Homeless woman poured fuel on self and spilled on road 1 gallon	14:50	Applied 150 lbs. Spill gone absorbent & picked up
2085	12/10/2024	OEM	10:53	1417 Popular Ln	Diesel fuel spill on road	11:30	Applied 1600 lbs. Petro free absorbent
2086	12/09/2024	Metro Water	13:30	1717 Hobson Pk	Diesel spill on road	13:50	Applied 125 lbs. Absorbent petro free
2087	12/03/2024	Chris Dotye	12:15	34th Ave And Clare Ave	Hydraulic fluid spill on road	12:35	Applied 200 lbs. Petro free absorbent
2083	11/04/2024	OEM	4:15	1412 Antioch Pk.	Oil spill on road	4:40	Put down 100 lbs. Absorbent
2081	10/24/2024	OEM	18:00	Thompson Ln & Murfreesboro Pk	Car accident oil spill in road	18:30	Applied 400 lbs. Perto free absorbent
2082	10/14/2024	OEM	13:00	921 Jefferson St.	Grease spill on road in alley	13:25	Applied 250 Lbs. Absorbent
2080	08/16/2024	Ernie Kurgan	3:00	Nolensville Rd & Antioch Pk	Oil spill on road	3:25	Applied 450 lbs. On road
2079	08/07/2024	Brandon Crafton	11:00	298 N. 1st St.	NDOT Patch Truck 4888ah Spilled Solvent In Parking	11:20	Put down 50 lbs. Absorbent (spill gone)
2078	07/29/2024	John Madden	8:30	3633 Donna Kay Dr	Hydraulic spill on road	8:47	Put down 150 pounds of absorbent
2077	07/26/2024	Chris Dotye	15:00	Pecan Valley Rd & Old Hickory Blvd.	Hydraulic spill on road	15:45	Applied 125 pounds of safesorb absorbent
2076	07/15/2024	Ernie Kurgan	8:50	1014 14th Ave N	Hydraulic spill on road from metro tree truck	9:20	Put down 150 lbs. of petro free absorbent
2075	07/09/2024	Cody Osburn	14:00	Wilmoth Rd & Wilmoth Ct.	Hydraulic spill on road	14:30	1,325 pounds of absorbent
2074	07/05/2024	OEM	8:55	Hillsboro Pk & Cromwell Dr.	Oil spill on roadway	9:20	Put Down 335 Pounds Of absorbent

Updated NPDES Dry Weather Field Screening SOP – FY25

E1

Field Screening

Metro Water Services NPDES performs field screening inspections of 1/2 mile grids within the permit area that contain parcels with various land-use codes that can be generally considered "industrial" or "commercial". After year 5 of the current MS4 permit, NPDES petitioned TDEC to change the field screening process to shift from reassessing outfalls to assessing pollutant exposure at industrial/commercial properties that could lead to stormwater pollution. While the primary goal of the field screening process is to identify poor housekeeping practices by businesses that will lead to contaminated stormwater runoff (i.e. messy dumpster/grease bin areas, exposed soils/other materials, etc.), NPDES will continue to look at drainage infrastructure during the inspections to see if there's any suspicious flows present.

NPDES personnel inspect up to 3 individual properties contained within the 1/2 mile grids, depending on how many commercial/industrial-zoned properties are present within the grid. After all grids have been completed, NPDES personnel will reinspect the grids as a second screening, third screening, and so on. When applicable, NPDES utilizes previous business that were screened. Businesses may change, close, or open with new development. In these cases, NPDES inspector notates that in data entry or select a new business in the grid. In 2022 NPDES began utilizing laptops or tablets in the field to view the grids and directly enter inspection findings into the GIS database. When poor housekeeping practices are encountered, NPDES personnel will provide site representatives with educational materials. All actions are to be tracked within the Field Screening GIS database. NPDES can screen businesses during wet or dry weather, however, if while screening, a suspicious flow is observed within a storm drain, NPDES will return to the site after 24 hours when the rain has ceased to use field equipment to measure the sample.

NPDES will utilize a Hach DR300 Pocket Colorimeter field testing device to determine concentrations for chlorine and field test kits to analyze for detergents. A drift check should be performed each time the colorimeter is taken into the field and it is important to ensure that the secondary standards are not expired when performing the drift check. Drift check logs will be stored in NPDES lab. If drift check values are not in range with the standards; meter should be taken to MWS Laboratory to be recalibrated. In addition, NPDES will also measure, pH, dissolved oxygen (DO), and conductivity. NPDES has established baseline conditions for the various parameters found below in Table 1.

If there is no flow at 24 hours, or at the 72 hour return visit, no further testing will be required. A representative photo should be taken of each business and any suspicious flow. All pictures should be uploaded to the server under S:\NPDES\Permit\New Field Screening Pilot\Photos, saved with the name of the grid_ and an (A, B, C, etc. clarifier character for each business. Further action will only be required if test results are above IDDE Action levels described in Table 1 below.

Table 1 – Field Screening Parameter IDDE Investigation Action Levels

Parameter	IDDE Action Levels
Chlorine	> 0.05 mg/l
Detergents	>0.25 mg/l
Dissolved Oxygen	<5 mg/l
Conductivity	>600 μ S/cm
pH	<6 and >8
Temperature	>30.5°C
E. coli	941 CFU/100ml

Updated NPDES Dry Weather Field Screening SOP – FY25 (Continued)

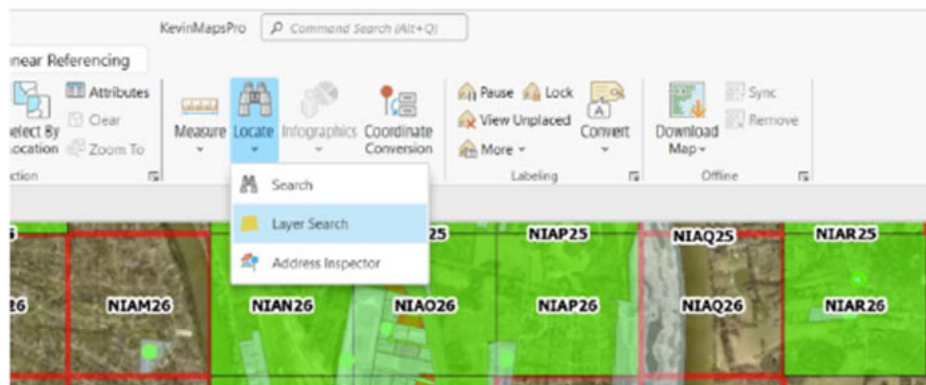
NPDES Field Screening Data Entry SOP

This SOP is a guide to enter data into the field screening database using ArcPro. Instructions from this guide can be used in the field.

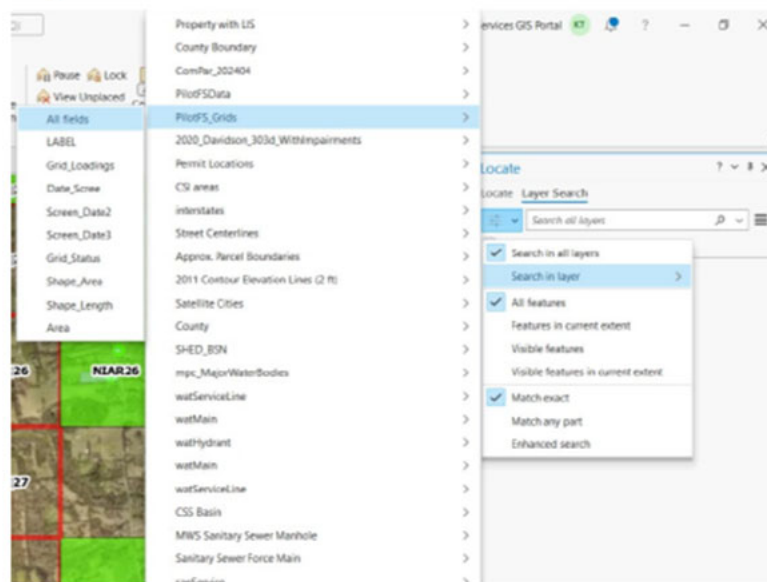
For field entry setup remote desktop from the tablet to your desktop. You will need to work with IT or supervisor to setup remote desktop.

Data Entry

1. Launch the APRX file that contains the field screening layers stored on the S drive.
2. Use the layer search feature in the locate tool to select the grid that needs to be inspected.



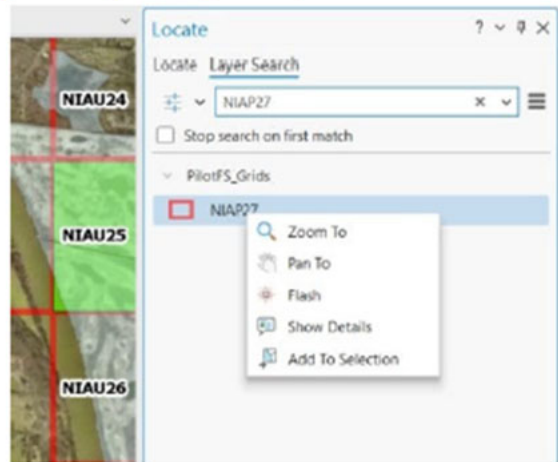
3. The Locate toolbar will appear. Use can use the Locate Tab to search for an address. You can also use the Layer Search tab to search for specific features in each layer. Use the drop down in the layer search tab Search In Layer -> PilotFS_Grids -> Label.



Updated NPDES Dry Weather Field Screening SOP – FY25 (Continued)

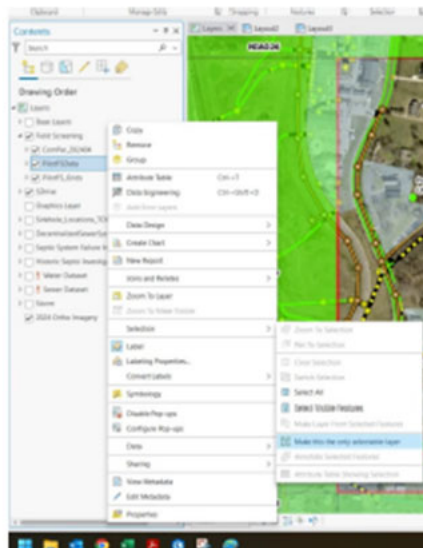
NPDES Field Screening Data Entry SOP

4. Once the layer has been located, right-click the layer and select zoom to. This will bring you directly to the grid that you have selected.



The grid that is now displayed will have at least 3 points of data from the PilotFSDData layer. These points are previous inspections from field screening events. When inspecting these sites again it is possible that businesses have closed, changed names, or the site has been redeveloped. If businesses are closed or redeveloped, you may need to select a new property in the grid.

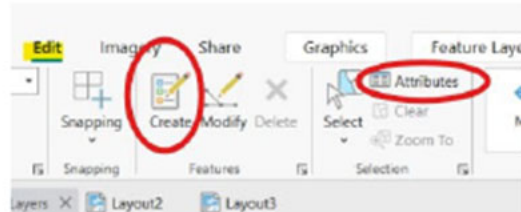
5. In the contents section right click PilotFSDData -> Selection -> Make this the only selectable layer. (This makes this layer the only one selectable to avoid editing multiple layers.)



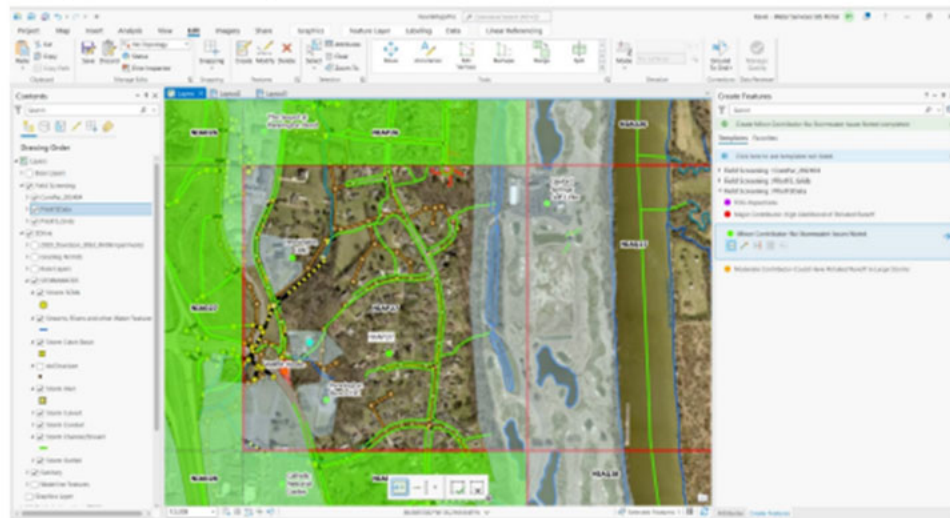
Updated NPDES Dry Weather Field Screening SOP – FY25 (Continued)

NPDES Field Screening Data Entry SOP

6. In the tool bar select the Edit tab. In this tab click on and open the Create and Attributes panes. Next steps will be either add new data or edit existing.



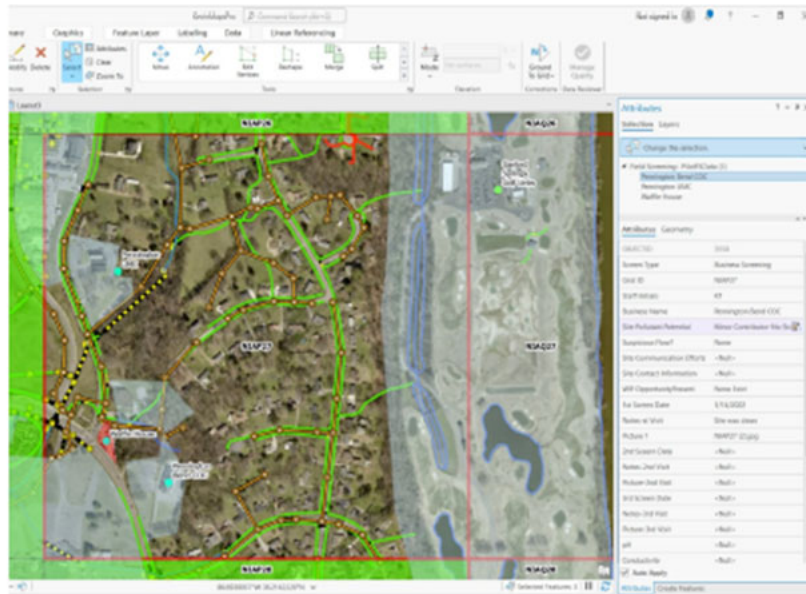
7. (Add New) In the Create tab of the new pane, select one of the points for PilotFSDData. Click point appropriate for what was seen at the site. Minor, Moderate, or Major Contributor of pollution. Then add the point by clicking on the parcel that was inspected.



8. (Edit Data, New or Existing Point) Use the select tool to select the point that you would like to edit. In the Attribute pane fill in the appropriate data. For a new Point it will be attributes such as Screen Type, Grid ID, Staff Initials, Business Name, Site Pollution Potential, Suspicious Flow, Site Communication, Site Contact, WIF opportunity, 1st screen date, notes 1st visit, Picture 1. For existing data you may change the attributes listed previously, and fill out 2nd Screen date, Notes 2nd visit, Picture 2nd visit. (or 3rd and so on).

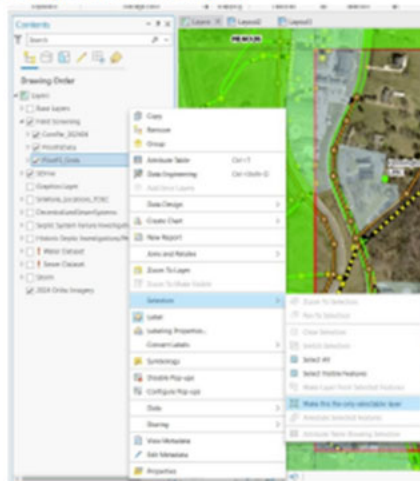
Updated NPDES Dry Weather Field Screening SOP – FY25 (Continued)

NPDES Field Screening Data Entry SOP



- Notes on inspecting sites. If pollution is noted during inspection talk to management of the site to have them address the issue. Get contact information for the site and set up a follow up inspection. If pollution is more than regular maintenance, it may be necessary to open a CityWorks case for the site. Ensure that the CityWorks SR is entered into notes field.

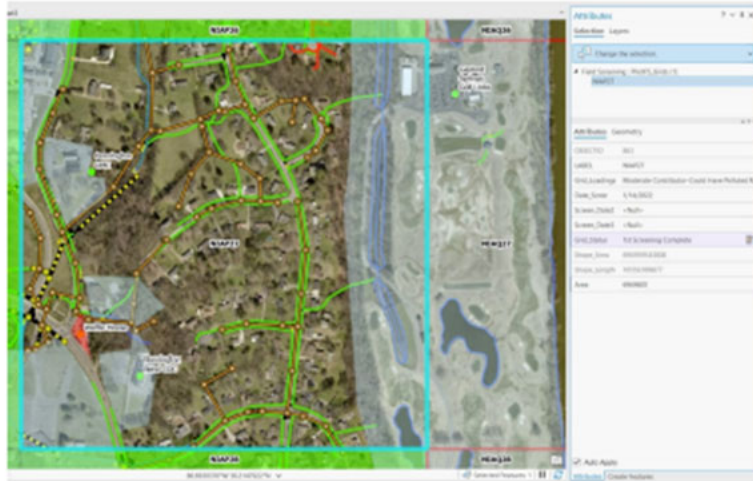
9. To edit the grid data in the Contents Pane right click PilotFS_Grids -> Selection -> Make this the only selectable layer.



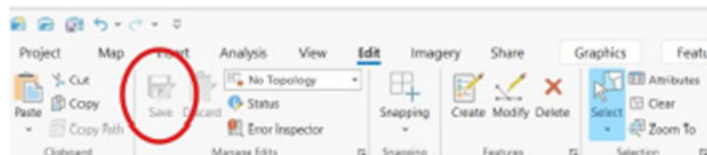
Updated NPDES Dry Weather Field Screening SOP – FY25 (Continued)

NPDES Field Screening Data Entry SOP

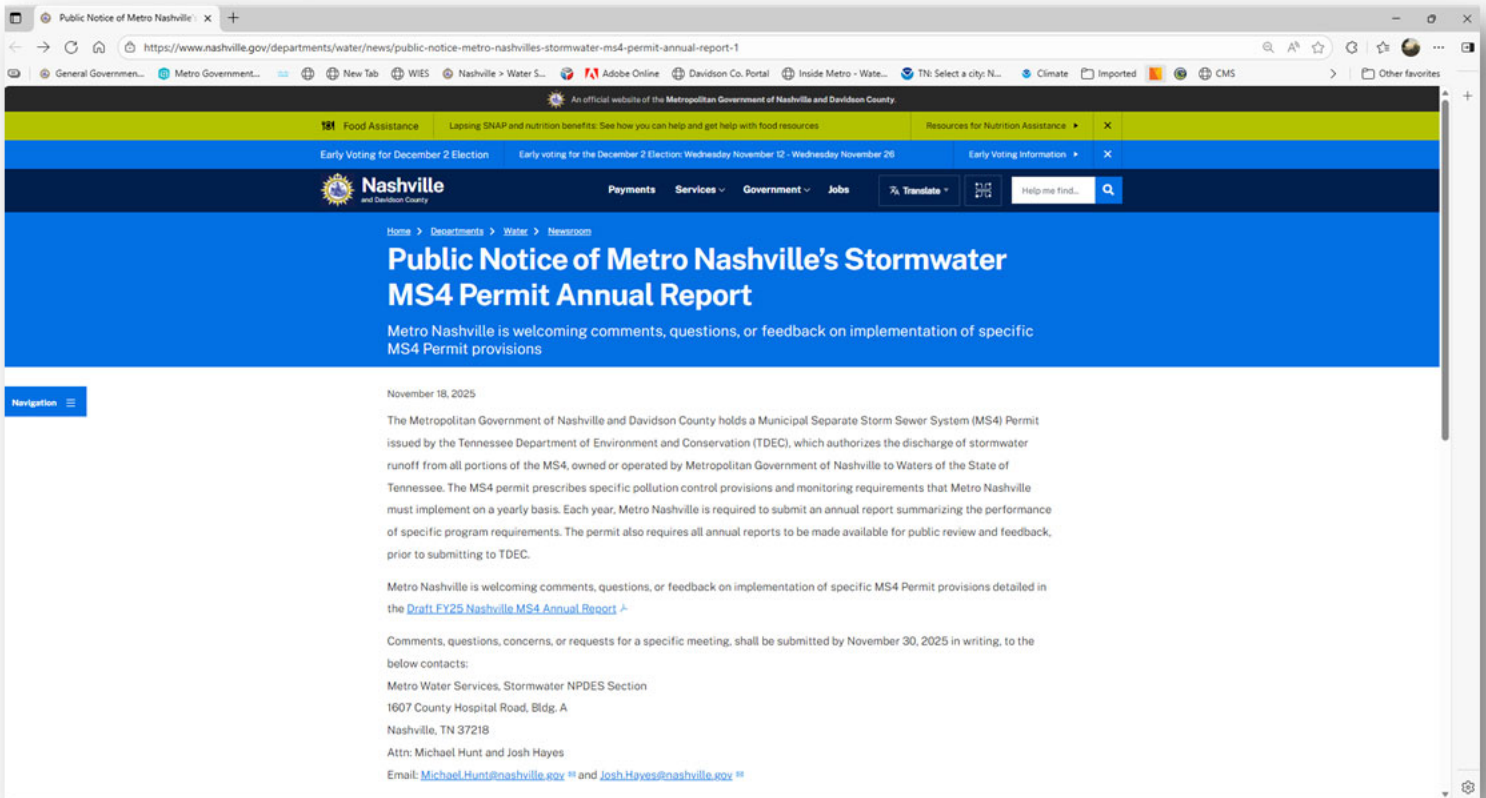
10. In the Edit tab use the Select tool as used before and select the Grid that has been inspected. In the attributes pane fill in or change the data fields. Data fields that may change is Grid Status, select best attribute relating to what was seen at the site (Minor, Moderate, or Major contributor to pollution). These may change if sites have better or worse practices.



11. After data has been entered for Site and Grids in the edit tab be sure to click the save button to save edits.



Website Public Notice Posting for the FY25 Draft Annual Report



ATTACHMENT A – Protected Species Report



Metro Nashville Municipal Separate Storm Sewer System Permit Federal or State-Protected Species Impact assessment

(Reporting Period 07/01/2024 – 06/30/2025)

Reviewed and Updated:
October 2025

Introduction:

As per the Municipal Separate Storm Sewer System (MS4) permit, Metro Nashville is required to perform an annual assessment of potential Stormwater impacts to federal and state-protected aquatic species known to exist within Metro Nashville Davidson County (Metro). In order to perform the assessment, the Metro Water Services (MWS) Stormwater NPDES Section downloaded a list of aquatic species located within Davidson County. In order to assess potential impacts to rare species, the list of rare aquatic species was analyzed and broken into specific habitat categories. Table 1 details the list of rare aquatic species that have been known to occur within Davidson County. According to the Tennessee Department of Conservation (TDEC) Natural Heritage Program (NHP), Rare Species Inventory Program there are 17 aquatic species rare or protected aquatic species that occur or have historically occurred within Davidson County.

Only five of the 17 rare aquatic species have a federal protection status, all of which are listed as “Endangered”, while remaining 13 of the rare aquatic species have been listed by the state of Tennessee with one of the following legal protection status:

“D” Deemed in Need of Management,
“E” Endangered,
“T” Threatened,
“S” Special Concern species, and
Rare, Not State Listed

Typical Habitat Requirements:

While the 17 species may require specific aquatic habitat conditions, the general type of aquatic habitat can be broken into three main categories:

- Large River/Lake – The Cumberland River is the only large river system within Davidson County. The Cumberland River has portions of two impoundments (Cheatham Lake and Old Hickory Lake) within Davidson County. Due to the dilution factor, Nashville’s Stormwater runoff would have negligible effects of the water quality/habitat of the Cumberland River.
- Small Streams to Small/Medium Rivers – This particular habitat represents all of the smaller headwater streams, creeks, and small rivers that drain into the Cumberland River. The small streams/rivers are more susceptible to impacts from Stormwater runoff from the MS4.
- Ponds/Wetlands/Springs – This particular habitat describes floodplain wetlands, farm ponds, and springheads located throughout the county, which would have the potential of being impacted by MS4 runoff.



Table 1 – List of Rare Aquatic Species for Davidson County Tennessee – FY25

General Aquatic Resource	Type	Scientific Name	Common Name	Global Rank	Fed. Status	St. Status	Habitat	State Rank
Small Headwater Streams to Small/Medium Rivers	Invertebrate Animal	<i>Sphalloplana buchanani</i>	A Cave Obligate Planarian	G1G2	No Status	Rare, Not State Listed	Aquatic cave obligate; northern Central Basin; Davidson County; taxonomy poorly understood.	S1
	Vertebrate Animal	<i>Ambystoma barbouri</i>	Streamside Salamander	G3	UR	E	Seasonally ephemeral karst streams; middle Tennessee.	S3
	Vertebrate Animal	<i>Cryptobranchus alleganiensis</i>	Hellbender	G3	PE	E	Rocky, clear creeks and rivers with large shelter rocks.	S3
	Vertebrate Animal	<i>Etheostoma luteovinctum</i>	Redband Darter	G4	No Status	D	Limestone streams; Nashville Basin & portions of Highland Rim.	S4
	Vertebrate Animal	<i>Etheostoma microlepidum</i>	Smallscale Darter	G2G3	No Status	D	Small rivers, in deep, strongly flowing riffles with gravel, boulder, and coarse rubble substrates; Cumberland River drainage.	S2
	Invertebrate Animal	<i>Faxonius shoupi</i>	Nashville Crayfish	G1G2	LE, PDL	E	1st-order & larger streams, generally with bedrock bottom, under slab rock; endemic to Mill Creek watershed; Davidson & William. cos.	S3
	Invertebrate Animal	<i>Epioblasma florentina walkeri</i>	Tan Riffleshell	G1	LE	E	Found in river headwaters, in riffles and shoals in sand and gravel substrates; Tennessee & Cumberland river systems.	S1
	Invertebrate Animal	<i>Simpsonaias ambigua</i>	Salamander Mussel	G1G2	PE	E	In sand or silt under large, flat stones in areas of swift current; occurred historically in E Fk Stones R; 2005 obs in lower Duck R.	S1
	Invertebrate Animal	<i>Lithasia duttoniana</i>	Helmet Rocksnail	G2	No Status	Rare, Not State Listed	Rocky substrates in riffle systems; bedrock in flowing water below main section of riffles; Duck River (TN River system).	S2
	Vertebrate Animal	<i>Acipenser fulvescens</i>	Lake Sturgeon	G3G4	No Status	E	Bottoms of large, clean rivers and lakes.	S1
	Vertebrate Animal	<i>Carpodes velifer</i>	Highfin Carpsucker	G4G5	No Status	D	Large rivers, mostly in Tennessee River drainage.	S2
	Vertebrate Animal	<i>Cycleptus elongatus</i>	Blue Sucker	G4	No Status	T	Swift waters over firm substrates in big rivers.	S2
	Vertebrate Animal	<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	G3	PT	T	Slow moving, deep water of rivers, sloughs, oxbows, swamps, and lakes; middle and west Tennessee; obscure.	S2S3
	Invertebrate Animal	<i>Epioblasma brevidens</i>	Cumberlandian Combshell	G1	LE, XN	E	Large creeks to large rivers, in coarse sand or mixtures of gravel, cobble, or rocks; Tennessee & Cumberland river systems.	S1
	Invertebrate Animal	<i>Lampsilis abrupta</i>	Pink Mucket	G1G2	LE	E	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.	S2
	Invertebrate Animal	<i>Plethobasus cooperianus</i>	Orangefoot Pimpleback	G1	LE, XN	E	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.	S1
Ponds/Wetlands/Springs	Vascular Plant	<i>Ranunculus longirostris</i>	White Water-buttercup	GNR	No Status	E	Ponds and Streams	S1



Potential Impacts from MS4 Runoff:

Rare species that inhabit smaller streams and rivers, ponds, wetlands, and springs would be the most vulnerable to potential impacts from MS4 runoff. Impacts from MS4 runoff includes:

- Increased sediment loads smothering natural stream substrate;
- Increased nutrient runoff that cause sporadic algal blooms and accompanying reductions in available oxygen;
- Increased levels of toxic chemicals such as pesticides, oils, etc.;
- General loss of habitat from development activities.

Metro Nashville's Measures to Prevent Impacts to Aquatic Rare Species:

Metro Nashville's MS4 program employs a simple technique to protect against impacts to rare aquatic species: "*Protect all of Nashville's Aquatic Habitat*". In order to protect Nashville's aquatic habitat, a multi-prong approach is in place:

- Control Future Development – Establish local regulations that prevent future development from destroying aquatic habitat. Monitor runoff during construction to prevent the destruction of aquatic habitat
- Enforce on developments that violate local construction regulations that could lead to the further destruction of aquatic resources.
- Control the quality of Stormwater runoff from existing properties
- Establish local regulations that prevent the discharging of pollutants to MS4 and/or waterways
- Monitor existing properties to ensure pollutants are not being discharged to the MS4 and/or waterways.
- Enforce on properties/individuals that violate local water pollution laws that could potentially impact aquatic habitat.
- Monitor the overall water quality and health of Nashville's streams
- Analytical sampling of certain water quality parameters
- Rotating biological surveys of Davidson County streams.

Controlling Future Development

Metro Nashville has established strict regulations protecting aquatic resources from impacts associated with development activities. All development or redevelopment activities that are over 10,000 square feet in overall footprint or involve more than 100 cubic yards of fill are required to obtain grading permits from the Metro Water Services (MWS) Stormwater Division. In order to obtain a grading permit from MWS, engineered plans have to be developed that illustrate how Stormwater runoff will be managed during and after development. Strict erosion and sediment control measures are required at all grading permit properties during construction. In order to ensure that erosion and sediment controls are maintained throughout construction, NPDES has eleven inspectors that inspect grading permit site construction control measures.

Metro Nashville also requires protection from impacts to aquatic resources after the construction phase of projects by requiring grading permit properties to install permanent Stormwater treatment measures that are designed to treat/address both the volume and quality of runoff from the property.



In addition to requiring development or redevelopment activities to obtain permits and treat Stormwater runoff, Metro Nashville was also one of the first municipalities in the state to establish no-disturb buffers along streams and other water resources within Metro Nashville, Davidson County. Development activities that demonstrate a hardship requiring some impacts to the no-disturb riparian buffer (i.e., for a bridge crossing, etc.) are required to go through a strict variance appeal process via the Metro Stormwater Management Commission. Variance requests for stream crossings or other direct impacts to water resources are not granted unless any necessary TDEC Aquatic Resource Alteration Permits (ARAPs) or Section 404 permits from the U.S. Army Corps of Engineers (USACOE) are obtained, which cannot be issued if protected species are impacted.

Controlling the Quality of Stormwater Runoff from Existing Properties

Metro Nashville has the following specific ordinance in place that prevents the discharge of pollutants to storm drains or community waters:

15.64.205 - Non-Stormwater discharges.

A. Definitions.

"Community waters" means any and all rivers, streams, creeks, branches, lakes, reservoirs, ponds, drainage systems, springs, wetland, wells and other bodies of surface or subsurface water, natural or artificial, lying within or forming a part of the boundaries of the Metropolitan Government of Nashville and Davidson County.

"Contaminant" means any physical, chemical, biological or radiological substance or matter.

"Director" means the Director of the Metropolitan Government of Nashville and Davidson County's Department of Water and Sewerage Services, or his designee.

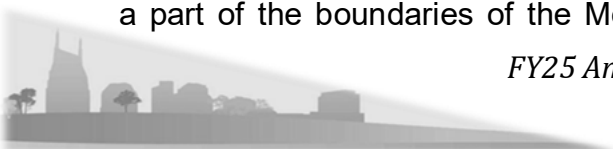
"Discharge" means any substance disposed, deposited, spilled, poured, injected, seeped, dumped, leaked, or placed by any means, intentionally or unintentionally, into community waters, the waters of the state, or any area draining directly or indirectly into the municipal Stormwater system of the metropolitan government.

"Metropolitan government" means the Metropolitan Government of Nashville and Davidson County.

"Municipal separate storm sewer system of the metropolitan government" means a conveyance, or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, and storm drains) designed or used for collecting or conveying Stormwater; provided, however, that sanitary and combined sewers are not included in the definition of the municipal separate storm sewer system.

"Non-Stormwater discharge" means any discharge to the municipal separate storm sewer system except as permitted by subsection C of this section.

"Waters of the state" means any water, surface or underground, lying within or forming a part of the boundaries of the Metropolitan Government of Nashville and Davidson



County, over which the Tennessee Department of Environment and Conservation exercises primary control with respect to Stormwater permits.

B. Except as hereinafter provided, all non-Stormwater discharges into community waters, into the waters of the state, or into the municipal separate storm sewer system of the metropolitan government are prohibited and are declared to be unlawful.

C. Unless the director has identified them as a source of contaminants to community waters, the waters of the state, or the municipal separate storm sewer system of the metropolitan government, the following discharges are permitted:

1. Stormwater as defined in TCA Section 68-221-1102(5);
2. Water line flushing;
3. Landscape irrigation;
4. Diverted stream flows;
5. Rising ground waters;
6. Uncontaminated groundwater infiltration (as defined at 40 CFR 35.2005(20)) to separate storm sewers;
7. Uncontaminated pumped groundwater;
8. Discharges from potable water sources;
9. Foundation drains;
10. Air conditioning condensate;
11. Irrigation water;
12. Springs;
13. Water from crawl space pumps;
14. Footing drains;
15. Lawn watering;
16. Individual residential car washing;
17. Flows from riparian habitats and wetlands;
18. Dechlorinated swimming pool discharges;
19. Street wash waters resulting from normal street cleaning operations;
20. Discharges or flows from emergency firefighting activities.

D. The director, with the approval of the mayor, shall have authority to implement this section by appropriate regulations. Such regulations may include but are not limited to provisions for inspection of points of origin of known or suspected non-permitted discharges by appropriate personnel of the metropolitan government.

E. Discharges pursuant to a valid and effective NPDES permit issued by the State of Tennessee are not prohibited by this section.

F. The provisions of this section, including subsection C of this section, shall not apply to sanitary or combined sewers, which are governed by Chapter 15.40 of the Metropolitan Code of Laws.

G. Violation of this section shall subject the violator to a civil penalty of not less than fifty dollars nor more than five thousand dollars per day for each day of violation. Each day of violation may constitute a separate violation.



NPDES issues enforcement notices and administrative penalties to existing facilities found to be in violation of the above non-Stormwater discharge code.

In addition to controlling polluted runoff from construction activity, NPDES implements various other pollution prevention programs:

- Industrial Inspection/Monitoring Program
- Proactive Field Screening/Illicit Discharge Detection Elimination Program
- Pollution Reporting Hotline
- Sewer Leak Detection Program (Using Thermography Technology)
- Post-Construction Stormwater Treatment SCM inspection/maintenance verification program
- Public Involvement/Education

Monitoring the Overall Water Quality and Health of Nashville's Streams

NPDES performs intense monitoring of Metro Nashville, Davidson County streams. Veronica Logue of the NPDES Office retained a permit/certification from the USFWS/TWRA to perform surveys within the Mill Creek watershed (home to the endangered Nashville Crayfish). The following programs involve field assessments of streams:

- Ambient Sampling - Seasonal water quality samples are taken and analyzed for potential pollutants. Various streams are sampled each year on a rotating basis.
- TMDL Monitoring – Quarterly flow weighted samples are collected and analyzed for bacterial and TSS of various/rotating stream segments in which TMDLs have been developed.
- Visual Stream Assessments – All State-listed 303(d) stream segments with MS4 outfalls are visually inspected on a 5-year cycle.
- Benthic Surveys – Seasonal benthic surveys are performed on various streams each year. The benthic sampling coincides with the same stream rotation schedule as the ambient sampling.

If abnormalities are found in any of the above monitoring results, individual investigations are initiated to find and eliminate potential sources of pollution.

Conclusion:

Metro Nashville's MS4 program has taken substantial steps to protect aquatic resources within Metro Nashville, Davidson County. By virtue of protecting Metro Nashville's water resources, critical habitat required for aquatic species has also been preserved/protected. During this permit year, there have not been any known discharges from the MS4 that have caused the destruction of a rare species or their critical habitat.



**ATTACHMENT B – Coordination with TDEC on MS4
Compliance During Administrative Extension Period of MS4
Permit**



MEGAN BARRY
MAYOR

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY



DEPARTMENT OF WATER AND SEWERAGE SERVICES
STORMWATER DIVISION
NPDES OFFICE
1607 COUNTY HOSPITAL ROAD
Nashville, Tennessee 37218

January 31, 2017

Re: Nashville Phase 1 MS4 Permit Reissuance – TNS068047

Vojin Janjic | Manager, Water-Based Systems
Division of Water Resources
William R. Snodgrass Tennessee Tower, 11th Floor
312 Rosa L. Parks Ave, Nashville, TN 37243

Dear Mr. Janjic,

We are writing you to request specific clarification on the permit reissuance process for the Metropolitan Government of Nashville, Davidson County (Metro) Municipal Separate Storm Sewer System, which expires as of today, January 31, 2017. As we approach this reissuance process and period between expired permit and reissued permit, it is our intentions to propose the following path going forward to ensure MS4 Permit compliance is maintained throughout the transition period and to ensure coordination occurs between the Division and key Metro staff to incorporate changes to specific terms and conditions of the MS4 permit.

Transition Period:

As you are aware, most of the specific requirements of the MS4 permit are ongoing and do not have certain deadlines by which to be completed. Among these, include programs such as administering stormwater management regulations requirements for post-construction stormwater controls, overseeing a vigorous inspection and oversight program for construction activities, performing public education/public involvement activities, ensuring municipal maintenance operations are not impacting stormwater runoff, and implementation of various Illicit Discharged Detection and Elimination (IDDE) programs. Metro proposes to continue these ongoing programs as prescribed in the existing active permit until the new permit becomes effective.

If  assistance or an accommodation, please contact Metro Water Services, 615-259-8622, 1600 Second Avenue North, Nashville, Tennessee 37208.

There are some MS4 permit requirements, however, that list specific target dates or timeframes for the activities to be completed per Metro's active permit. Specific requirements within the MS4 permit that have declared deadlines are listed below:

- **Dry Weather Outfall Screening**
 - Screen one outfall within every ¼ mile commercial/industrial grid once per permit term.
- **Industrial Inspection/Monitoring Program**
 - Inspect industrial high risk sites as identified by the MS4 permit (i.e. SARA Title 3, TSD sites, etc.) once every 3 years.
- **Post Construction Stormwater Control Measure (SCM) Inspection and Maintenance Oversight Program**
 - Implement permittee-defined program by the end of year 5.
- **Various MS4 Permit-Prescribed Monitoring Activities.**
 - Sampling programs (i.e. wet weather, ambient, visual stream assessments, etc.) prescribed in the permit to be completed on a 5 year permit term.

It is our understanding through conversations with TDEC staff, that it may be late 2017 or possibly even next year, before our MS4 permit is reissued. With that said, we would like to propose the following compliance activities to be performed in the transition period.

- **Dry Weather Outfall Screening**
 - Test our newly proposed field screening protocol (i.e. screen 3 business/industrial sites for site management/housekeeping procedures in each ¼ commercial/industrial-zoned grid.) Transition period goal would be to screen at least 50 grids each year prior to the new permit being issued.
- **Industrial Inspection/Monitoring Program**
 - Re-inspect only industrial sites in which issues were noted during the original inspections and/or those involved with compliant investigations. Identify and perform inspections on industrial facilities (not required to be inspected by the original MS4 permit (i.e. auto salvage lots, ready-mix facilities, etc. not identified as SARA Title 3 or TSD facilities)). A list of industrial facilities to be inspected would be sent to the TDEC Nashville Field Office. Goal would be to inspect 10 industrial facilities each year.
- **Post Construction Stormwater Control Measure (SCM) Inspection and Maintenance Oversight Program**
 - Continue to respond to citizen complaints of SCM structures not being maintained properly. In addition, would inspect and enforce (if necessary) on at least 50 SCM structures per year. Currently and during the transition period, Metro will continue to build its SCM Inspection & Maintenance oversight process.
- **Various MS4 Permit-Prescribed Monitoring Activities.**
 - Discontinue the following sampling activities until the new MS4 permit is issued:
 - Wet Weather Homogenous Land Use Sampling
 - Wet Weather SCM Discharge Grab Sampling
 - Wet Weather Industrial Sampling (1 TMSP/RMCP site per year).

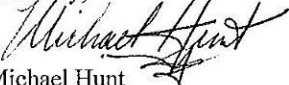


- Continue routine ambient monitoring/sampling programs (ambient chemical/bacteriological sampling and visual stream assessments) as well as any site-specific sampling as required in the course of routine investigations. The MWS Stormwater NPDES Watershed Group would coordinate with TDEC Nashville Field Office staff on monitoring schedules (which watersheds they will be monitoring during the transition period).

New Permit Coordination

As stated above, Metro is requesting coordination on developing specific terms and conditions of the reissued MS4 permit in an ongoing effort to improve our permit compliance activities. In particular there are several program activities that Metro is interested in modifying to make more efficient and effective. Some of these proposed changes would involve changes to MS4 permit requirements as well, if implemented. Specific changes Metro are requesting to individually listed permit requirements were included in Metro's most recent Annual Report submittal (see attachment). Metro is requesting specific meetings to be arranged between appropriate TDEC permit writer staff and MWS Stormwater NPDES personnel so that these proposed changes can be explored and discussed.

Sincerely,



Michael Hunt
Metro Water Services, Stormwater, NPDES
Program Manager

Encl. - Nashville Phase 1 MS4 Permit Application Section of MS4 Annual Report

CC:

April Grippo – TDEC Nashville Field Office
Jennifer Dodd – TDEC Central Office
John Leffew – TDEC Nashville Field Office



DAVID BRILEY
MAYOR

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY



DEPARTMENT OF WATER AND SEWERAGE SERVICES
STORMWATER DIVISION
NPDES OFFICE
1607 COUNTY HOSPITAL ROAD
Nashville, Tennessee 37218

March 30, 2018

Re: Nashville Phase 1 MS4 Permit Reissuance – TNS068047

Vojin Janjic | Manager, Water-Based Systems
Division of Water Resources
William R. Snodgrass Tennessee Tower, 11th Floor
312 Rosa L. Parks Ave, Nashville, TN 37243

Dear Mr. Janjic,

We are writing you to provide an update to the Metropolitan Government of Nashville, Davidson County (Metro) Municipal Separate Storm Sewer System (MS4) permit compliance activities. As you are aware, Metro's MS4 permit expired on January 31, 2017 and prior to the expiration, Metro submitted several requests to alter specific permit compliance activities (See Attached letter dated January 31, 2017. As a follow-up to proposed MS4 permit compliance activities, Metro hosted a meeting with Jennifer Dodd and Karina Bynum from the Tennessee Department of Environment and Conservation to discuss the proposed changes. As a result of the meeting, TDEC provided positive feedback to the changes and requested Metro to provide an update on the proposed changes in the first quarter of 2018. The following paragraphs describe some of the already observed benefits to changes to MS4 permit compliance activities that were implemented during this transition period between permits. .

Summary Transition Period MS4 Compliance Changes:

The majority of the MS4 permit compliance programs have continued without adjustment as these activities are considered as ongoing within the MS4 permit. There are a few activities that were required to be completed by year 5 of the permit, which were completed, but Metro found to be very beneficial in identifying and eliminating stormwater pollution. As such, Metro proposed changes to the following programs:



If you need assistance or an accommodation, please contact Metro Water Services,
at 615-862-4862, 1600 Second Avenue North, Nashville, Tennessee 37208.

- **Dry Weather Outfall Screening**

- Previous MS4 Permit Requirements

- Screen one outfall within every 1/4 mile commercial/industrial grid once per permit term.

- New More Efficient Proposed Field Screening Program

- Screen 3 business/industrial sites for site management/housekeeping procedures in each 1/4 commercial/industrial-zoned grid.) Transition period goal would be to screen at least 50 grids each year prior to the new permit being issued.

- Initial Findings:

- This process has proven to be much more effective than looking specifically at outfalls. In the few months of testing, several poor site management practices have been found such as improper management of dumpster pads and grease recycling bins. This has allowed Metro to be more effective and proactive in talking with these businesses to educate them on proper site management issues to prevent these exposed materials from washing off to the MS4 during a rain event. It is important to note that while we are looking at business practices within grids, we still spot check stormwater infrastructure to see if there is any suspicious dry weather, potentially “illicit discharge” flow.

- Adjustments Made to New Approach

- The only adjustment made was going from screening 3 businesses within a 1/4 mile grid to screening 3 businesses within a 1/2 mile grid. Upon implementing, we quickly realized that 1/4 mile grids were too limiting and in many cases did not encompass multiple parcels that could be screened.

- **Industrial Inspection/Monitoring Program**

- Previous MS4 Permit Requirements

- Inspect industrial high risk sites as identified by the MS4 permit (i.e. SARA Title 3, TSD sites, etc.) once every 3 years.

- New More Efficient Proposed Industrial Inspection Program

- Re-inspect only industrial sites in which issues were noted during the original inspections and/or those involved with compliant investigations. Identify and perform inspections on industrial facilities (not required to be inspected by the original MS4 permit (i.e. auto salvage lots, ready-mix facilities, etc. not identified as SARA Title 3 or TSD facilities)). A list of industrial facilities to be inspected would be sent to the TDEC Nashville Field Office. Goal would be to inspect 10 industrial facilities each year.

- Initial Findings:

- This process has proven to be much more effective as we have been able, during this transition period, to focus resources on industrial activities that have the highest potential for stormwater pollution such as Ready Mix Concrete facilities, chrome-plating facilities, etc. This new approach has allowed us to prioritize inspections and coordinate with TDEC field office staff as needed to perform co-inspections.



Adjustments Made to New Approach

- There are no proposed refinements to the new approach.

- **Post Construction Stormwater Control Measure (SCM) Inspection and Maintenance Oversight Program**

Previous MS4 Permit Requirements

- Implement permittee-defined program by the end of year 5.

New More Efficient Proposed SCM Inspection and Maintenance Oversight Program

- Continue to respond to citizen complaints of SCM structures not being maintained properly. In addition, would inspect and enforce (if necessary) on at least 50 SCM structures per year. Currently and during the transition period, Metro will continue to build its SCM Inspection & Maintenance oversight process.

Initial Findings:

- Metro's NPDES program has vastly expanded resources dedicated to ensuring post construction SCMs are being properly inspected and maintained. As it currently stands, Metro inspects an average of 75 SCM structures each month, which is well above the pace that we originally proposed. This new approach of focusing on NPDES program inspection findings and following-up with property owners on the proper maintenance has proven very beneficial to achieving maintenance on Post-Construction SCMs.

Adjustments Made to New Approach

- Metro is constantly evaluating the inspection and report documentation process and will continue to adjust the program, as necessary, to achieve the highest efficiency to ensure post-construction SCM structures are maintained properly.

- **Various MS4 Permit-Prescribed Monitoring Activities.**

Previous MS4 Permit Monitoring Requirements

- Sampling programs (i.e. wet weather, ambient, visual stream assessments, etc.) prescribed in the permit to be completed on a 5 year permit term.

New More Efficient Proposed MS4 Permit Monitoring Program

- Discontinue the following sampling activities until the new MS4 permit is issued:
 - Wet Weather Homogenous Land Use Sampling
 - Wet Weather SCM Discharge Grab Sampling
 - Wet Weather Industrial Sampling (1 TMSP/RMCP site per year).
- Continue routine ambient monitoring/sampling programs (ambient chemical/bacteriological sampling and visual stream assessments) as well as any site-specific sampling as required in the course of routine investigations. The MWS Stormwater NPDES Watershed Group would coordinate with TDEC Nashville Field Office staff on monitoring schedules (which watersheds they will be monitoring during the transition period).

Initial Findings:

- Elimination of the wet weather monitoring has allowed for more resources to be spent on assessing streams for various impairments. Eight biological assessments have been performed on streams that Metro hadn't previously assessed. This provides a more comprehensive and up to date watershed assessment countywide and will additionally provide TDEC with more data than they would otherwise be able to collect. In addition to the biological assessment, nutrient samples are collected at the same time.



- *Monitoring of 2 projects has been initiated and a total of 8 samples have been collected. Both of the projects are located on Cathy Jo Branch. One of the projects is a dam removal and the other is a retrofit to a stormwater outfall that reduced sheer flow during storm events. Samples were collected before work began and will continue in order to show the effectiveness of the projects.*
- *There have been 2 investigations within the past year as a result of our regular monitoring. Both of these investigations concluded that repairs needed to be made to sewers and thus we are preventing long term discharges to nearby streams.*

Adjustments Made to New Approach

- *There have not been adjustments made to the new approach. Projects are continually being considered for monitoring in order to show project effectiveness.*

Metro is requesting specific meetings to be arranged between appropriate TDEC permit writer staff and MWS Stormwater NPDES personnel so that these proposed changes can be explored and discussed.

Sincerely,



Michael Hunt
Metro Water Services, Stormwater, NPDES
Program Manager

Encl. - January 31, 2018 Letter to TDEC of Proposed Changes to MS4 Permit Compliance Activities.
Attachment C of Year 5 MS4 Annual Report

CC:

April Grippo – TDEC Nashville Field Office
Jennifer Dodd – TDEC Central Office
Karina Bynum – TDEC Central Office
John Leffew – TDEC Nashville Field Office



Hayes, Joshua (WS)

From: Hunt, Michael (WS)
Sent: Friday, March 30, 2018 2:02 PM
To: 'Karina Bynum'
Cc: 'Jennifer Dodd'; 'Ann Morbitt'; 'Wade Murphy'; 'Robert Karesh'; 'Jimmy R. Smith'; 'April Grippo'; 'Bill Murph'; 'John Leffew'; Hayes, Joshua (WS); Dohn, Rebecca (WS); Bruce, Mary (WS); Binder, Dale (WS)
Subject: RE: 16NOV17 Meeting Follow-up
Attachments: Permit Re-issuance and Transition Period_TDEC_Update_Final.pdf

Good afternoon Karina:

Per your email below, find the requested info attached (red text on pages 2-4 of attached pdf). If you have any questions, don't hesitate to let us know.

Thanks, Michael

From: Karina Bynum [<mailto:Karina.Bynum@tn.gov>] **Sent:** Friday, November 17, 2017 9:44 AM **To:** Hunt, Michael (WS); Hayes, Joshua (WS); Dohn, Rebecca (WS); Bruce, Mary (WS); Binder, Dale (WS) **Cc:** Jennifer Dodd; Ann Morbitt; Wade Murphy; Robert Karesh; Jimmy R. Smith; April Grippo; Bill Murph; John Leffew **Subject:** 16NOV17 Meeting Follow up

Hello Michael,

Thank you for the invitation to meet and discuss the program update you send us on January 31, 2017, regarding the Transition Period for Metro's Stormwater Program. It was very helpful to hear from your staff about the program adjustments specified in the letter and to discuss the monitoring your program is undertaking. As you conclude the year of gathering information during the transition period, **please compile your findings and send them to us in the first quarter of the year 2018.** Please give us about a month to review and then reach out to us to schedule a meeting to discuss your findings.

Thank you,



Karina Bynum, Ph.D., P. E. Integrated Water Resources Engineer

Division of Water Resources

1221 South Willow Avenue, Cookeville, TN 38506

p. 931 - 520 - 6688

karina.bynum@tn.gov

tn.gov/environment

From: Hunt, Michael (WS) <Michael.Hunt@nashville.gov>
Sent: Tuesday, November 14, 2017 3:06 PM
To: Karina Bynum
Subject: letter...

***** This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. - STS-Security*****

Michael Hunt CSM, CPMSM, CPSWQ, CFM
Program Manager
Metro Water Services - Storm Water Div. - NPDES Office
[1607 A County Hospital Road](#)
Nashville, TN 37218
Phone: (615) 880-2420
<http://www.nashville.gov/stormwater/>
If you see water pollution in Metro Nashville, call (615) 313-PURE or (615) 880-2420 or email stormwaterquality@nashville.gov



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES

Nashville Environmental Field Office
711 R.S. Gass Boulevard
Nashville, TN 37216
Phone 615-687-7000 Statewide 1-888-891-8332 Fax 615-687-7078

May 31, 2018

Mr. Scott Potter
Director of Metro Water Services
1600 2nd Avenue North
Nashville, TN 37208

Certified Mail Receipt
7014 2870 0001 3600 2906

**RE: Compliance Evaluation Inspection
Nashville/Davidson County Municipal Separate Storm Sewer System (MS4)
NPDES Permit Tracking Number TNS068047, Davidson County**

Dear Mr. Potter:

On May 16, 2018, Karina Bynum, John Leffew and Ann Morbitt with the Division of Water Resources (division) met with Michael Hunt, Rebecca Dohn, Joshua Hayes, Dale Binder, Steve Mishu and Shawn Herman with Metro Water Services to perform a routine Compliance Evaluation Inspection. The inspection included a review of regulatory mechanisms, records, procedures and other documents related to the construction site stormwater runoff control program required under the NPDES Permit TNS068047 for Discharges from the MS4 owned and operated by the Metropolitan Government of Nashville (Metro).

The construction site stormwater runoff control program is well established, the staff is trained and certified, and the program implementation is compliant with the requirements of the NPDES Permit TNS068047. The division greatly appreciates the time and commitment from your staff in their preparation before and participation during the inspection. Their availability and knowledge of the program ensured it was conducted in an efficient manner.

Permit Review

The NPDES Permit TNS068047 for stormwater discharges from Metro MS4 was issued and became effective on February 1, 2012. The permit expired on January 31, 2018, and has been administratively extended until a new permit is issued.

Records Review

The MS4 permit requires Metro to continue to implement and enforce its existing construction site stormwater runoff control program. The implementation of the following required elements was reviewed:

- Regulatory mechanisms requiring erosion prevention and sediment control for land disturbance greater than one (1) acre or less than one (1) acre if part of a larger common plan

Mr. Scott Potter
NPDES Permit Number TNS068047
May 31, 2018
Page 2 of 2

of development are published in the Volume 1 of the *Metro's Stormwater Management Manual*.

- An inventory of all construction sites is provided in the City Works tracking system. All active sites are identified as priority sites and pre-construction meetings for all priority sites are held.
- Education of construction site operators is provided during certification classes for Erosion Protection Sediment Control (EPSC) professionals that are held in the Nashville region. Pre-construction meetings for all priority sites assure EPSC Level 1 is held by on-site operators.
- Control of waste materials is addressed in the stormwater management plan and is required in Volume 1 of the *Metro's Stormwater Management Manual* (section 6.10.8).
- Site plan review and approval procedures are coordinated with the plans review group. Qualified staff reviews plans. The review includes approval of the EPSC design and water quality buffers.
- Site inspections are conducted monthly for all priority sites. Enforcement procedures and all required sanctions are identified in the Enforcement Response Plan (Appendix D of the Stormwater Management Plan) and are outlined in the regulatory mechanisms published in the Volume 1 of the *Metro's Stormwater Management Manual*.
- Public input may be provided by phone, web page or public notice announcements.

Construction Site Visit

Site inspection procedures were evaluated by performing a site visit at the Magnolia Farms Subdivision construction site (TNR241924 and TNR242096). The stormwater program inspector, Shawn Herman, demonstrated a good working knowledge of erosion prevention and sediment control practices, and performed a comprehensive inspection with appropriate documentation and on-site communication.

Again, we would like to thank Mr. Hunt and his staff for the assistance and courtesy extended to us during our inspection. If you have any questions or need additional information, please contact John Leffew at the Nashville Environmental Field Office by email at john.leffew@tn.gov or by telephone at (615) 687-7106, or you may contact me by email at april.grippo@tn.gov or by telephone at 615-687- 7018.

Sincerely,



April Grippo
Environmental Manager
Division of Water Resources
Nashville Environmental Field Office

e-cc: Mr. Michael Hunt, Michael.Hunt@nashville.gov - Metro Water Services
Mr. John Leffew, john.leffew@tn.gov- DWR Nashville EFO
Ms. Ann Morbitt, ann.morbitt@tn.gov – DWR statewide
Ms. Karina Bynum, karina.bynum@tn.gov – DWR statewide
Ms. Jessica Murphy, jessica.murphy@tn.gov – DWR Compliance and Enforcement





STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES

Nashville Environmental Field Office
711 R.S. Gass Blvd., Nashville, TN 37216
Phone 615-687-7000 Statewide 1-888-891-8332 Fax 615-687-7078

September 15, 2020

Mr. Scott Potter
Director of Metro Water Services
1600 2nd Avenue North
Nashville, TN 37208

Certified Mail Receipt
7014 2120 0004 1565 6563

RE: Compliance Evaluation Inspection
Nashville/Davidson County Municipal Separate Storm Sewer System (MS4)
NPDES Permit Tracking Number TNS068047, Davidson County

Dear Mr. Potter:

On July 16, 2020, Ann Morbitt and Karina Bynum with the Division of Water Resources (division) met virtually with Michael Hunt, Joshua Hayes, Kevin Turner, and Alicia Davis with Nashville Davidson County Metro Water Services to perform a routine Compliance Evaluation Inspection. The inspection was performed using WebEx and included a review of regulatory mechanisms, records, procedures and other documents related to the illicit discharge detection and elimination program required under the NPDES Permit TNS068047 for discharges from the MS4 owned and operated by the Metropolitan Government of Nashville (Metro). Following the inspection additional requested program documentation was provided to the division on July 24, 2020.

Overall, the illicit discharge detection and elimination program is well established, the staff is trained, and the program implementation is compliant with the requirements of the NPDES Permit TNS068047. Some updates to the program's Stormwater Management Plan and Enforcement Response Plan are required, specifically timeframes for complaint investigations and responses to public inquiries. The division greatly appreciates the time and commitment from your staff in their preparation before and participation during the inspection. Their availability and knowledge of the program ensured it was conducted in an efficient manner.

Permit Review

The NPDES Permit TNS068047 for stormwater discharges from Metro's MS4 was issued and became effective on February 1, 2012. The permit expired on January 31, 2017 and has been administratively extended until a new permit is issued. The Compliance Evaluation Inspection (CEI) for Metro's IDDE program covered compliance from the permit effect date, February 1, 2012, to the date of this CEI.

Records Review

The MS4 permit requires Metro to continue to implement and enforce its illicit discharge detection and elimination program. The implementation of the following required elements was reviewed:

- How Metro informs public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste specifically related to illicit discharges.
- How Metro processes are used to identify, prioritize and select opportunities for public involvement. Specifically related to illicit discharge identification and elimination.
- Ordinances, or other regulatory mechanisms, related to non-stormwater discharges

Mr. Scott Potter
NPDES Permit Number TNS068047
September 15, 2020 Page 2 of 2

- Enforcement response plan and implementation procedures.
- Interagency coordination of hazardous waste or material spills response and cleanup.
- Mechanism for the public to report suspected illicit discharges.
- Summary of illicit discharge education and training.
- Updates to the illicit discharge identification and elimination procedures.
- Updates to the MS4 mapping and field screening plans.
- Identification of sanitary sewer overflows.
- Metro's mapping specific to priority areas with older infrastructure that are more likely to have illicit connections and areas with past illicit discharges.
- Metro's contacts and procedures for reporting an illicit discharge.
- Metro's education program for municipal field staff that identify illicit discharge or connection and reports/responses to the illicit discharge or connection.
- Implementation and improvements of the Stormwater Management Plan that determine whether non-stormwater entries are present in the storm drainage system and identification of locations and sources.
- Prioritization of areas for inspection and monitoring based on watershed or land uses or on previous field screening results, spills, complaints, illicit discharges, etc.
- Updates to illicit discharge identification procedures.
- Illicit discharges observed and samples necessary for source tracking.

Again, we would like to thank Mr. Hunt and his staff for the assistance and courtesy extended to us during our inspection. If you have any questions or need additional information, please contact Ann Morbitt by email at Ann.Morbitt@tn.gov or by telephone at (615) 687-7119, or you may contact me by email at Tim.Jennette@tn.gov or by telephone at 615-687- 7060.

Sincerely,



Timmy Jennette
Environmental Manager
Division of Water Resources
Nashville Environmental Field Office

e-cc: Mr. Michael Hunt, michael.hunt@nashville.gov - Metro Water Services
Mr. Josh Hayes, joshua.hayes@nashville.gov - Metro Water Services
Mr. John Leffew, john.leffew@tn.gov- DWR Nashville EFO
Mr. Bill Murph, bill.murph@tn.gov - DWR Nashville EFO
Ms. Ann Morbitt, ann.morbitt@tn.gov - DWR statewide
Ms. Karina Bynum, karina.bynum@tn.gov - DWR statewide
Ms. Jessica Murphy, jessica.murphy@tn.gov -- DWR Compliance and Enforcement



ATTACHMENT C – WIES Database Pollutant Loading Reduction Estimates of SWMP

As required in Section 3.3.2 of the MS4 Permit, Metro is required to develop Event Mean Concentrations (EMC's) for all parameters listed in Table 2 of the MS4 Permit. In year 5 of the MS4 permit, Metro was required to report Seasonal Pollutant Loadings (SPL) from the MS4. The methodology for performing this calculation can be found in the year 5 annual report. In performing this calculation, Metro hired a contractor (Paradigm Environmental) to, not only, develop the EMC and SPL calculations, but to also generate a database that would allow Metro to produce reports on estimated SPLs for each sub-watershed within Metro's jurisdiction on an annual basis. As such, the web-based Davidson County Watershed Improvement Evaluation System (WIES) database was developed which also gives Metro the ability to track stormwater loading reductions achieved through the implementation of Metro Nashville's SWMP. These calculations/estimations are based on structural and non-structural stormwater controls that Metro implements as prescribed by the MS4 permit.

While these calculations are considered to be estimates, our contractor utilized all available documentation from Metro's tracking databases, as well as the latest hydrologic modeling programs to refine the estimates as much as possible. For example, stormwater pollutant and volume reduction numbers for structural SCMs were calculated utilizing Loading Simulation Program – C+ (LPSC) and System for Urban Stormwater Treatment Analysis and Integration (SUSTAIN) modelling programs, which take into account varying land uses and mapped soil types for each watershed and the pollutant and performance efficiencies of each type of SCMs. The modeling for SCMs even considers the effects underdrains have on bioretention basins as far as how much runoff reduction is accomplished.

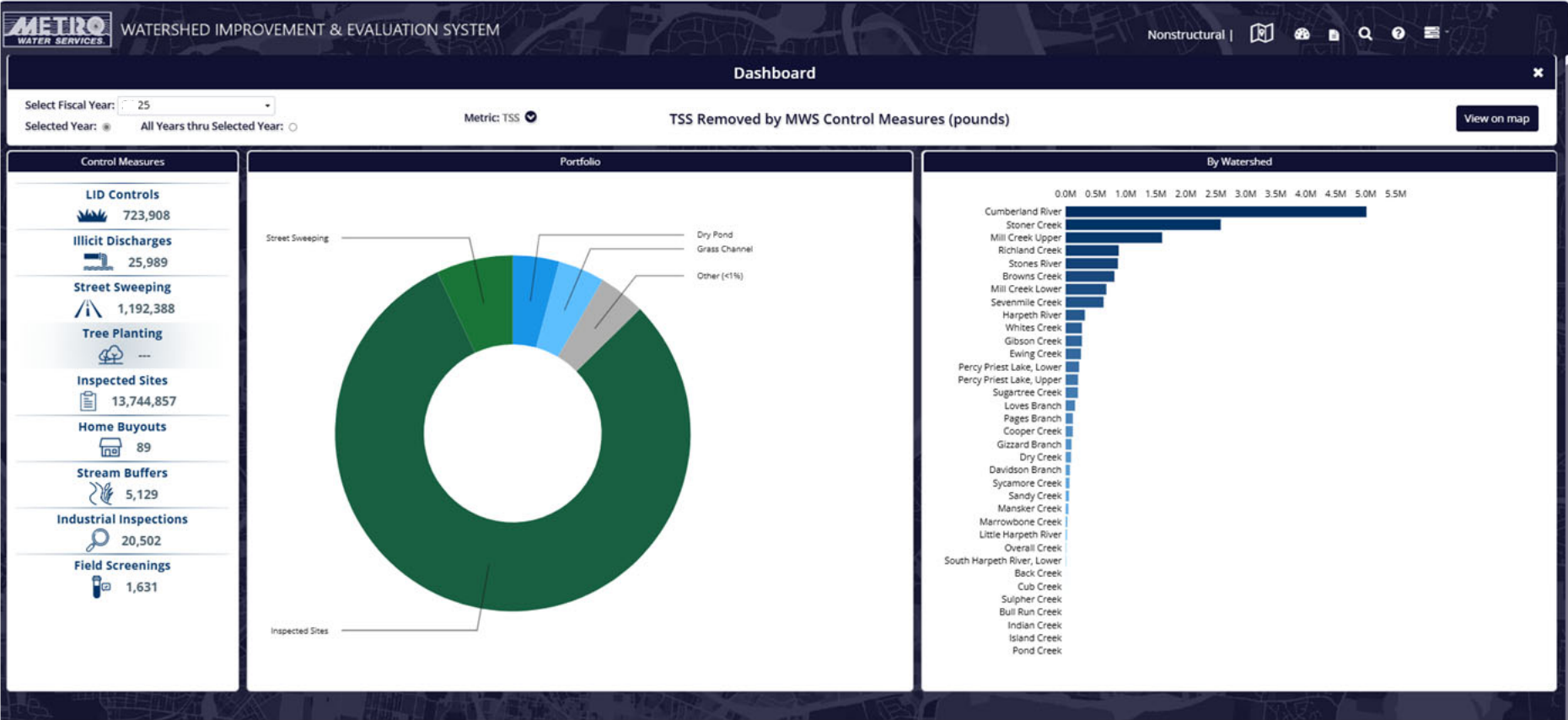
Metro expends many resources implementing non-structural stormwater control measures of the SWMP, such as the IDDE complaint response program, construction inspections and oversight, FEMA home buyout program, street sweeping program, etc. While we know these non-structural programs have been extremely beneficial in improving the quality of water resources within Metro Nashville/Davidson County over time, it has proven difficult to quantify the loading reductions of these non-structural controls. WIES tracks pollution reduction efforts of these non-structural programs by importing data from various Metro databases that track items such as number of construction sites inspected, number of water quality/construction complaint investigations, number of FEMA floodplain buyout properties, etc. In some of these programs, assumptions are applied so loading reduction can best be effectively calculated. The tables within this section depict the calculated SPLs per each sub-watershed and the estimated loading reduction efforts of the SWMP over the last permit



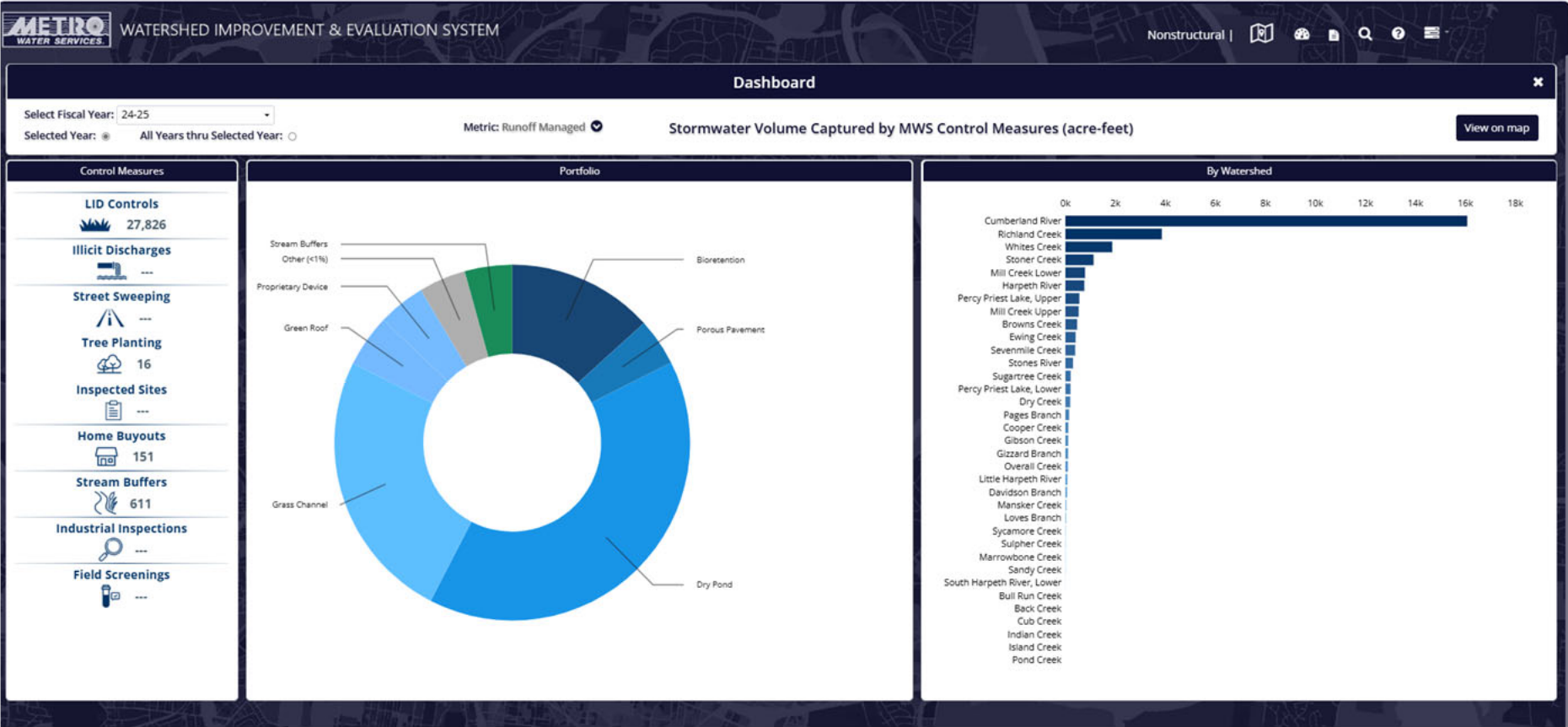
reporting period (fiscal year). Please note that importing data into WIES is somewhat dependent on geo-location information available within Metro's databases, which is the source of the data. Due to this, there may be a small discrepancy in numbers between WIES and the actual Metro documentation databases when some data is unable to be imported into WIES. For example, not all of the tree planting numbers could be imported into WIES due to lack of some geolocation data available from the Metro database. Also, the illicit discharge calculations take into account all water quality complaint responses involving either general pollution concerns, grading without permit concerns, or spill responses in which NPDES controlled/prevented material from draining to the MS4 such as sediment from non-permitted construction activities, spill response coordination, and general water quality complaint responses.

In addition to the annual reporting tables, Metro is able to generate dashboard views on various SWMP loading reductions, WIES also gives stormwater managers the ability to review the pollution and runoff reduction effects of individual structural SCMs through a dashboard view of a variety of different parameters (depicted in the following pages).





As Depicted Above - Inspection Oversight of Construction Projects and Operation of the Street Sweeping Program Result in the Largest Benefit to TSS Reduction



As Depicted Above – SCMs such as Dry Ponds, Grass Channels, and Bioretention Basins Provide the Greatest Benefit to Managing the Quantity of Stormwater Runoff

WIES Calculated MS4 Program Pollutant Loading Reductions in FY25

The tables below represent the FY25 MS4 Program Elements implemented per watershed and the calculated Pollutant Loading Reductions in each watershed from implementation of the MS4 Program Elements.



FY25 Totals												
Watershed	New SCMs	Total SCMs	Tons Swept from Streets	Floodplain Homes/ Properties Bought	Permitted Construction Sites Inspected	Complaint Investigations (Illicit Discharge/ Unpermitted Construction/ Spill Response)	Trees Planted (FY25)	Industrial Inspections	Field Screenings	Total Floodplain Homes/ Properties Bought	Total Trees Planted	Total Stream Buffers Preserved
Back Creek	-	-	-	-	3	-	-	-	-	-	8	-
Browns Creek	22	425	116	-	215	11	550	8	1	37	2,835	8
Bull Run Creek	-	-	-	-	-	-	-	-	-	-	18	-
Cooper Creek	6	98	34	1	56	3	644	-	-	6	1,339	3
Cub Creek	-	-	-	-	2	-	-	-	-	-	2	-
Cumberland River	167	2,656	650	-	862	31	7,733	38	113	72	25,609	71
Davidson Branch	5	65	9	-	32	1	232	-	-	-	661	2
Dry Creek	6	82	37	-	10	1	382	2	33	4	1,053	8
Ewing Creek	16	243	99	-	37	11	367	3	10	32	1,093	28
Gibson Creek	11	91	37	1	16	6	462	1	20	58	1,681	4
Gizzard Branch	1	52	9	-	19	1	-	-	10	-	110	7
Harpeth River	2	285	185	-	9	6	101	-	-	3	1,227	30
Indian Creek	-	-	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	4	77	11	-	4	-	265	-	4	-	814	12
Loves Branch	1	39	11	-	14	1	418	-	10	1	1,118	-
Mansker Creek	-	39	-	-	12	-	44	1	10	-	259	3
Marrowbone Creek	-	9	-	-	10	3	8	-	-	-	100	-
Mill Creek Lower	39	639	361	-	80	21	606	13	29	60	2,291	43
Mill Creek Upper	64	575	108	-	35	7	40	1	7	2	2,368	63
Overall Creek	7	78	6	-	4	1	252	-	-	1	650	13
Pages Branch	13	108	43	-	31	5	190	5	-	7	533	5
Percy Priest Lake, Lower	6	208	230	-	13	6	96	-	2	6	599	9
Percy Priest Lake, Upper	21	314	31	-	9	7	10	4	-	-	590	43
Pond Creek	-	-	-	-	-	-	-	-	-	-	-	1
Richland Creek	15	633	199	7	262	12	2,832	2	-	84	7,405	21
Sevenmile Creek	16	374	213	3	73	15	398	1	54	69	2,525	26
South Harpeth River, Lower	-	15	9	-	2	3	78	-	-	-	179	4
Stoner Creek	2	229	170	-	25	10	628	-	52	13	1,361	13
Stones River	24	217	111	1	18	5	604	4	11	3	2,490	18
Sugartree Creek	12	231	48	-	61	5	715	-	-	1	1,316	6
Sulphur Creek	-	14	-	-	-	1	12	-	-	-	350	-
Sycamore Creek	1	16	-	-	11	2	22	-	-	-	50	9
Whites Creek	31	233	102	-	66	7	1,590	1	14	70	2,834	32
Sandy Creek	1	30	11	-	36	3	36	-	-	-	118	-
All Watersheds	493	8,075	2,839	13	2,027	185	19,315	84	380	529	63,586	482

Note: SCMs include regulatory SCMS installed per grading permit and proactive SCMs installed or facilitated by MWS.

Not all MS4 Program Elements transferred to the WIES database for pollutant loading calculations, as program elements with invalid X,Y coordinates could not be imported into WIES for calculation purposes.

Construction sites inspected includes Grading Permits and Single Family Infill permits.

While stream buffers have been protected since the late 1990s, MWS only started mapping the Buffers for WIES calculations in FY21 and due to staffing issues, not all new buffers have been mapped.

Watershed	Pollutant: Runoff									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (Acre-foot)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	0.00	-	-	-	0.00
Browns Creek	449.63	-	-	-	8.97	0.89	7.75	-	-	467.25
Bull Run Creek	-	-	-	-	-	0.00	-	-	-	0.00
Cooper Creek	111.57	-	-	-	4.35	0.30	0.72	-	-	116.94
Cub Creek	-	-	-	-	-	0.00	-	-	-	0.00
Cumberland River	15,928.45	-	-	-	24.51	7.20	116.02	-	-	16,076.18
Davidson Branch	66.54	-	-	-	-	0.14	0.49	-	-	67.16
Dry Creek	177.12	-	-	-	1.04	0.26	12.94	-	-	191.35
Ewing Creek	354.02	-	-	-	7.72	0.30	46.40	-	-	408.44
Gibson Creek	91.57	-	-	-	15.08	0.37	5.31	-	-	112.33
Gizzard Branch	89.57	-	-	-	-	0.03	18.03	-	-	107.63
Harpeth River	719.23	-	-	-	0.74	0.23	35.52	-	-	755.72
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	68.17	-	-	-	-	0.16	11.34	-	-	79.67
Loves Branch	28.90	-	-	-	0.24	0.25	-	-	-	29.39
Mansker Creek	38.39	-	-	-	-	0.06	-	-	-	38.46
Marrowbone Creek	12.35	-	-	-	-	0.02	-	-	-	12.37
Mill Creek Lower	694.06	-	-	-	20.75	0.48	70.35	-	-	785.63
Mill Creek Upper	453.72	-	-	-	1.94	0.37	74.86	-	-	530.89
Overall Creek	90.82	-	-	-	0.25	0.14	7.10	-	-	98.30
Pages Branch	141.17	-	-	-	1.69	0.17	7.10	-	-	150.14
Percy Priest Lake, Lower	194.71	-	-	-	1.33	0.14	6.37	-	-	202.55
Percy Priest Lake, Upper	510.66	-	-	-	-	0.07	47.35	-	-	558.07
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	3,814.58	-	-	-	20.38	1.80	18.95	-	-	3,855.71
Sevenmile Creek	347.96	-	-	-	16.64	0.41	26.20	-	-	391.21
South Harpeth River, Lower	4.56	-	-	-	-	0.03	0.98	-	-	5.57
Stoner Creek	1,097.98	-	-	-	2.67	0.26	27.20	-	-	1,128.11
Stones River	283.14	-	-	-	0.72	0.43	22.23	-	-	306.52
Sugartree Creek	205.96	-	-	-	0.25	0.28	3.68	-	-	210.17
Sulphur Creek	14.41	-	-	-	-	0.05	-	-	-	14.46
Sycamore Creek	14.35	-	-	-	-	0.01	2.58	-	-	16.94
Whites Creek	1,810.42	-	-	-	21.74	0.71	41.06	-	-	1,873.94
Sandy Creek	11.55	-	-	-	-	0.02	-	-	-	11.57
All Watersheds	27,825.55	-	-	-	151.00	15.58	610.54	-	-	28,602.67

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: BOD5									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	4,693.04	-	1.32	1,420.08	12.02	-	-	31.63	-	6,158.09
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	1,295.33	-	0.11	415.63	9.79	-	-	-	-	1,720.86
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	109,226.93	-	2.67	7,931.65	53.82	-	-	454.45	8.66	117,678.19
Davidson Branch	558.82	-	0.09	103.91	-	-	-	-	-	662.82
Dry Creek	1,323.62	-	-	450.27	2.06	-	-	-	20.24	1,796.19
Ewing Creek	4,322.54	-	3.06	1,212.26	10.49	-	-	-	4.50	5,552.86
Gibson Creek	601.25	-	2.12	450.27	18.32	-	-	-	13.51	1,085.47
Gizzard Branch	629.45	-	0.01	103.91	-	-	-	-	-	733.37
Harpeth River	7,021.49	-	0.13	2,251.34	5.22	-	-	-	-	9,278.18
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	410.05	-	-	138.54	-	-	-	-	2.39	550.98
Loves Branch	246.51	-	-	138.54	0.86	-	-	-	-	385.92
Mansker Creek	425.55	-	-	-	-	-	-	-	4.50	430.05
Marrowbone Creek	58.78	-	-	-	-	-	-	-	-	58.78
Mill Creek Lower	6,318.09	-	3.37	4,398.78	46.22	-	-	44.43	1.05	10,811.95
Mill Creek Upper	3,135.75	-	0.38	1,316.17	44.21	-	-	-	-	4,496.51
Overall Creek	556.39	-	0.09	69.27	0.85	-	-	-	-	626.61
Pages Branch	1,207.16	-	0.94	519.54	2.33	-	-	273.49	-	2,003.46
Percy Priest Lake, Lower	1,399.35	-	0.11	2,805.52	0.75	-	-	-	-	4,205.72
Percy Priest Lake, Upper	4,764.18	-	0.12	381.00	-	-	-	-	-	5,145.30
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	22,657.08	-	1.33	2,424.52	14.22	-	-	-	-	25,097.16
Sevenmile Creek	2,280.82	-	5.07	2,597.70	31.40	-	-	-	2.33	4,917.33
South Harpeth River, Lower	47.61	-	-	103.91	-	-	-	-	-	151.52
Stoner Creek	9,869.66	-	1.14	2,078.16	2.87	-	-	-	6.78	11,958.61
Stones River	2,855.81	-	1.96	1,350.81	0.85	-	-	-	-	4,209.42
Sugartree Creek	1,280.36	-	2.85	588.81	0.35	-	-	-	-	1,872.36
Sulphur Creek	132.07	-	0.01	-	-	-	-	-	-	132.08
Sycamore Creek	76.09	-	0.92	-	-	-	-	-	-	77.01
Whites Creek	10,360.84	-	0.11	1,246.90	82.90	-	-	-	-	11,690.74
Sandy Creek	143.60	-	0.19	138.54	-	-	-	-	-	282.34
All Watersheds	197,898.22	-	28.10	34,636.04	339.53	-	-	804.00	63.97	233,769.87

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: COD									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	41,103.63	-	3.48	2,840.16	-	-	87.91	317.66	-	44,352.83
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	9,580.67	-	0.29	831.27	36.84	-	0.51	-	-	10,449.58
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	905,248.03	-	7.03	15,863.31	156.61	-	826.35	4,563.43	86.97	926,751.72
Davidson Branch	4,632.29	-	0.24	207.82	-	-	2.06	-	-	4,842.41
Dry Creek	10,038.44	-	-	900.54	-	-	56.78	-	203.25	11,199.00
Ewing Creek	34,544.59	-	8.05	2,424.52	-	-	428.56	-	45.22	37,450.94
Gibson Creek	4,614.08	-	5.58	900.54	18.37	-	25.30	-	135.66	5,699.52
Gizzard Branch	5,361.42	-	0.02	207.82	-	-	134.76	-	-	5,704.03
Harpeth River	50,597.02	-	0.34	4,502.69	-	-	121.37	-	-	55,221.42
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	3,535.89	-	-	277.09	-	-	69.97	-	23.98	3,906.93
Loves Branch	2,147.25	-	-	277.09	-	-	-	-	-	2,424.34
Mansker Creek	3,338.76	-	-	-	-	-	-	-	45.22	3,383.98
Marrowbone Creek	444.66	-	-	-	-	-	-	-	-	444.66
Mill Creek Lower	53,121.11	-	8.87	8,797.56	38.75	-	732.43	446.19	10.59	63,155.49
Mill Creek Upper	26,623.76	-	0.99	2,632.34	178.80	-	924.03	-	-	30,359.92
Overall Creek	4,495.94	-	0.24	138.54	-	-	47.49	-	-	4,682.21
Pages Branch	11,488.96	-	2.46	1,039.08	-	-	60.78	2,746.28	-	15,337.56
Percy Priest Lake, Lower	16,795.17	-	0.29	5,611.04	-	-	62.30	-	-	22,468.80
Percy Priest Lake, Upper	37,159.59	-	0.31	761.99	-	-	379.62	-	-	38,301.51
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	152,123.11	-	3.50	4,849.05	-	-	275.18	-	-	157,250.84
Sevenmile Creek	21,963.40	-	13.34	5,195.41	-	-	519.94	-	23.44	27,715.53
South Harpeth River, Lower	324.87	-	-	207.82	-	-	8.55	-	-	541.23
Stoner Creek	68,234.13	-	2.99	4,156.33	-	-	371.08	-	68.06	72,832.58
Stones River	24,067.29	-	5.15	2,701.61	-	-	432.82	-	-	27,206.86
Sugartree Creek	10,262.92	-	7.49	1,177.63	-	-	55.68	-	-	11,503.71
Sulphur Creek	1,011.85	-	0.02	-	-	-	-	-	-	1,011.87
Sycamore Creek	653.27	-	2.42	-	-	-	30.62	-	-	686.30
Whites Creek	68,719.12	-	0.29	2,493.80	141.25	-	513.80	-	-	71,868.25
Sandy Creek	1,156.57	-	0.51	277.09	-	-	-	-	-	1,434.16
All Watersheds	1,573,387.79	-	73.91	69,272.09	570.62	-	6,167.89	8,073.55	642.39	1,658,188.24

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: NH3									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	142.13	-	0.05	-	0.00	-	-	0.53	-	142.71
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	25.17	-	0.00	-	0.22	-	-	-	-	25.39
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	3,322.91	-	0.10	-	0.93	-	-	7.57	0.14	3,331.66
Davidson Branch	16.02	-	0.00	-	-	-	-	-	-	16.02
Dry Creek	36.34	-	-	-	0.00	-	-	-	0.34	36.68
Ewing Creek	118.09	-	0.12	-	0.00	-	-	-	0.08	118.28
Gibson Creek	18.15	-	0.08	-	0.11	-	-	-	0.23	18.56
Gizzard Branch	21.95	-	0.00	-	-	-	-	-	-	21.95
Harpeth River	137.70	-	0.00	-	0.00	-	-	-	-	137.70
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	14.92	-	-	-	-	-	-	-	0.04	14.96
Loves Branch	7.47	-	-	-	0.00	-	-	-	-	7.47
Mansker Creek	12.27	-	-	-	-	-	-	-	0.08	12.35
Marrowbone Creek	2.03	-	-	-	-	-	-	-	-	2.03
Mill Creek Lower	204.09	-	0.13	-	0.24	-	-	0.74	0.02	205.22
Mill Creek Upper	100.26	-	0.01	-	1.06	-	-	-	-	101.34
Overall Creek	16.88	-	0.00	-	0.00	-	-	-	-	16.88
Pages Branch	48.72	-	0.04	-	0.00	-	-	4.56	-	53.31
Percy Priest Lake, Lower	38.99	-	0.00	-	0.00	-	-	-	-	38.99
Percy Priest Lake, Upper	117.29	-	0.00	-	-	-	-	-	-	117.30
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	520.25	-	0.05	-	0.00	-	-	-	-	520.30
Sevenmile Creek	70.91	-	0.20	-	0.00	-	-	-	0.04	71.14
South Harpeth River, Lower	1.04	-	-	-	-	-	-	-	-	1.04
Stoner Creek	261.90	-	0.04	-	0.00	-	-	-	0.11	262.06
Stones River	89.63	-	0.08	-	0.00	-	-	-	-	89.70
Sugartree Creek	38.96	-	0.11	-	0.00	-	-	-	-	39.07
Sulphur Creek	3.67	-	0.00	-	-	-	-	-	-	3.67
Sycamore Creek	2.00	-	0.04	-	-	-	-	-	-	2.03
Whites Creek	228.79	-	0.00	-	0.85	-	-	-	-	229.64
Sandy Creek	4.09	-	0.01	-	-	-	-	-	-	4.10
All Watersheds	5,622.61	-	1.08	-	3.42	-	-	13.40	1.07	5,641.58

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: TKN									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	723.30	-	0.42	-	0.93	-	0.55	-	-	725.20
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	204.67	-	0.03	-	0.39	-	-	-	-	205.09
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	16,227.58	-	0.85	-	2.61	-	5.62	-	-	16,236.66
Davidson Branch	71.78	-	0.03	-	-	-	-	-	-	71.81
Dry Creek	183.87	-	-	-	0.16	-	0.35	-	-	184.38
Ewing Creek	486.92	-	0.97	-	0.82	-	2.62	-	-	491.32
Gibson Creek	111.74	-	0.67	-	1.24	-	0.16	-	-	113.81
Gizzard Branch	95.82	-	0.00	-	-	-	0.86	-	-	96.68
Harpeth River	1,094.26	-	0.04	-	0.41	-	2.74	-	-	1,097.44
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	82.39	-	-	-	-	-	0.42	-	-	82.81
Loves Branch	26.35	-	-	-	0.07	-	-	-	-	26.42
Mansker Creek	56.37	-	-	-	-	-	-	-	-	56.37
Marrowbone Creek	11.20	-	-	-	-	-	-	-	-	11.20
Mill Creek Lower	918.18	-	1.07	-	3.15	-	15.22	-	-	937.61
Mill Creek Upper	611.70	-	0.12	-	1.64	-	11.67	-	-	625.13
Overall Creek	98.40	-	0.03	-	0.07	-	0.23	-	-	98.72
Pages Branch	200.95	-	0.30	-	0.18	-	0.37	-	-	201.80
Percy Priest Lake, Lower	275.82	-	0.03	-	0.06	-	0.28	-	-	276.20
Percy Priest Lake, Upper	558.84	-	0.04	-	-	-	2.22	-	-	561.10
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	2,478.12	-	0.42	-	1.11	-	2.39	-	-	2,482.04
Sevenmile Creek	429.77	-	1.61	-	2.44	-	3.29	-	-	437.11
South Harpeth River, Lower	7.22	-	-	-	-	-	-	-	-	7.22
Stoner Creek	1,465.67	-	0.36	-	0.22	-	2.37	-	-	1,468.62
Stones River	370.27	-	0.62	-	0.07	-	2.68	-	-	373.64
Sugartree Creek	203.04	-	0.90	-	0.03	-	0.35	-	-	204.32
Sulphur Creek	15.66	-	0.00	-	-	-	-	-	-	15.66
Sycamore Creek	12.69	-	0.29	-	-	-	0.20	-	-	13.18
Whites Creek	1,064.06	-	0.03	-	5.03	-	2.53	-	-	1,071.66
Sandy Creek	19.46	-	0.06	-	-	-	-	-	-	19.52
All Watersheds	28,106.09	-	8.89	-	20.63	-	57.11	-	-	28,192.72

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: NO2+NO3									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during F25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	221.45	-	0.01	-	-	-	0.04	1.25	-	222.75
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	65.04	-	0.00	-	0.08	-	0.00	-	-	65.12
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	7,990.82	-	0.01	-	0.34	-	0.52	17.99	0.34	8,010.02
Davidson Branch	36.41	-	0.00	-	-	-	0.01	-	-	36.42
Dry Creek	83.72	-	-	-	-	-	0.03	-	0.80	84.54
Ewing Creek	201.99	-	0.01	-	-	-	0.23	-	0.18	202.41
Gibson Creek	39.42	-	0.01	-	0.04	-	0.01	-	0.53	40.01
Gizzard Branch	41.39	-	0.00	-	-	-	0.05	-	-	41.44
Harpeth River	399.04	-	0.00	-	-	-	0.62	-	-	399.66
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	28.22	-	-	-	-	-	0.04	-	0.09	28.35
Loves Branch	14.21	-	-	-	-	-	-	-	-	14.21
Mansker Creek	23.98	-	-	-	-	-	-	-	0.18	24.16
Marrowbone Creek	4.48	-	-	-	-	-	-	-	-	4.48
Mill Creek Lower	328.40	-	0.02	-	0.08	-	2.91	1.76	0.04	333.21
Mill Creek Upper	181.88	-	0.00	-	0.39	-	1.97	-	-	184.24
Overall Creek	36.13	-	0.00	-	-	-	0.05	-	-	36.18
Pages Branch	53.56	-	0.00	-	-	-	0.03	10.83	-	64.42
Percy Priest Lake, Lower	114.45	-	0.00	-	-	-	0.07	-	-	114.52
Percy Priest Lake, Upper	265.13	-	0.00	-	-	-	0.24	-	-	265.37
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	2,049.15	-	0.01	-	-	-	0.29	-	-	2,049.45
Sevenmile Creek	174.05	-	0.02	-	-	-	0.23	-	0.09	174.39
South Harpeth River, Lower	3.26	-	-	-	-	-	0.02	-	-	3.29
Stoner Creek	780.97	-	0.01	-	-	-	0.15	-	0.27	781.39
Stones River	136.28	-	0.01	-	-	-	0.21	-	-	136.50
Sugartree Creek	97.52	-	0.01	-	-	-	0.03	-	-	97.55
Sulphur Creek	6.87	-	0.00	-	-	-	-	-	-	6.87
Sycamore Creek	6.62	-	0.00	-	-	-	0.01	-	-	6.64
Whites Creek	955.40	-	0.00	-	0.31	-	0.50	-	-	956.21
Sandy Creek	6.94	-	0.00	-	-	-	-	-	-	6.94
All Watersheds	14,346.76	-	0.13	-	1.25	-	8.26	31.83	2.53	14,390.75

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: TN									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	784.25	-	0.30	407.40	1.10	-	0.52	-	-	1,193.58
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	248.61	-	0.03	119.24	0.59	-	-	-	-	368.47
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	20,464.47	-	0.61	2,275.47	3.63	-	5.45	-	-	22,749.64
Davidson Branch	90.71	-	0.02	29.81	-	-	-	-	-	120.54
Dry Creek	203.15	-	-	129.18	0.19	-	0.34	-	-	332.85
Ewing Creek	574.06	-	0.70	347.78	0.96	-	2.50	-	-	926.00
Gibson Creek	117.22	-	0.49	129.18	1.53	-	0.15	-	-	248.56
Gizzard Branch	110.46	-	0.00	29.81	-	-	0.82	-	-	141.10
Harpeth River	1,332.29	-	0.03	645.88	0.48	-	2.89	-	-	1,981.56
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	84.83	-	-	39.75	-	-	0.40	-	-	124.98
Loves Branch	32.42	-	-	39.75	0.08	-	-	-	-	72.25
Mansker Creek	68.13	-	-	-	-	-	-	-	-	68.13
Marrowbone Creek	12.32	-	-	-	-	-	-	-	-	12.32
Mill Creek Lower	976.56	-	0.77	1,261.94	3.85	-	16.03	-	-	2,259.15
Mill Creek Upper	590.18	-	0.09	377.59	2.56	-	11.93	-	-	982.35
Overall Creek	99.99	-	0.02	19.87	0.08	-	0.22	-	-	120.17
Pages Branch	184.73	-	0.21	149.05	0.21	-	0.36	-	-	334.57
Percy Priest Lake, Lower	333.56	-	0.03	804.86	0.07	-	0.27	-	-	1,138.78
Percy Priest Lake, Upper	639.51	-	0.03	109.30	-	-	2.13	-	-	750.97
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	3,499.24	-	0.30	695.56	1.30	-	2.36	-	-	4,198.77
Sevenmile Creek	481.72	-	1.16	745.24	2.88	-	3.12	-	-	1,234.12
South Harpeth River, Lower	9.63	-	-	29.81	-	-	-	-	-	39.44
Stoner Creek	2,025.41	-	0.26	596.19	0.26	-	2.25	-	-	2,624.38
Stones River	412.90	-	0.45	387.53	0.08	-	2.54	-	-	803.50
Sugartree Creek	234.71	-	0.65	168.92	0.03	-	0.33	-	-	404.65
Sulphur Creek	18.45	-	0.00	-	-	-	-	-	-	18.46
Sycamore Creek	13.97	-	0.21	-	-	-	0.19	-	-	14.37
Whites Creek	1,519.56	-	0.03	357.72	6.42	-	2.41	-	-	1,886.13
Sandy Creek	22.22	-	0.04	39.75	-	-	-	-	-	62.01
All Watersheds	35,185.29	-	6.44	9,936.57	26.31	-	57.20	-	-	45,211.80

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: Diss. P									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	249.04	-	-	-	1.18	-	1.26	-	-	251.48
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	134.78	-	-	-	0.10	-	-	-	-	134.88
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	4,941.80	-	-	-	1.64	-	15.02	-	-	4,958.46
Davidson Branch	24.12	-	-	-	-	-	-	-	-	24.12
Dry Creek	38.84	-	-	-	0.20	-	1.93	-	-	40.97
Ewing Creek	76.46	-	-	-	1.03	-	13.28	-	-	90.76
Gibson Creek	27.28	-	-	-	1.37	-	0.33	-	-	28.99
Gizzard Branch	18.09	-	-	-	-	-	1.80	-	-	19.89
Harpeth River	689.53	-	-	-	0.51	-	2.77	-	-	692.82
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	15.10	-	-	-	-	-	0.87	-	-	15.97
Loves Branch	5.72	-	-	-	0.09	-	-	-	-	5.81
Mansker Creek	10.15	-	-	-	-	-	-	-	-	10.15
Marrowbone Creek	1.51	-	-	-	-	-	-	-	-	1.51
Mill Creek Lower	144.43	-	-	-	3.58	-	20.56	-	-	168.58
Mill Creek Upper	151.61	-	-	-	0.17	-	17.63	-	-	169.41
Overall Creek	26.00	-	-	-	0.08	-	0.47	-	-	26.55
Pages Branch	20.29	-	-	-	0.23	-	1.16	-	-	21.68
Percy Priest Lake, Lower	159.79	-	-	-	0.07	-	0.58	-	-	160.43
Percy Priest Lake, Upper	146.58	-	-	-	-	-	14.93	-	-	161.51
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	846.88	-	-	-	1.39	-	4.05	-	-	852.32
Sevenmile Creek	144.16	-	-	-	3.10	-	6.75	-	-	154.01
South Harpeth River, Lower	3.21	-	-	-	-	-	-	-	-	3.21
Stoner Creek	349.56	-	-	-	0.28	-	4.87	-	-	354.72
Stones River	59.13	-	-	-	0.08	-	6.55	-	-	65.76
Sugartree Creek	54.35	-	-	-	0.03	-	0.73	-	-	55.11
Sulphur Creek	2.15	-	-	-	-	-	-	-	-	2.15
Sycamore Creek	4.62	-	-	-	-	-	0.41	-	-	5.03
Whites Creek	377.56	-	-	-	4.84	-	8.11	-	-	390.50
Sandy Creek	3.70	-	-	-	-	-	-	-	-	3.70
All Watersheds	8,726.44	-	-	-	20.00	-	124.04	-	-	8,870.48

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: TP									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	421.76	-	0.05	162.96	1.20	-	2.11	-	-	588.09
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	193.22	-	0.00	47.70	0.10	-	-	-	-	241.02
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	8,244.72	-	0.11	910.19	1.67	-	23.73	-	-	9,180.42
Davidson Branch	42.72	-	0.00	11.92	-	-	-	-	-	54.65
Dry Creek	74.18	-	-	51.67	0.21	-	2.66	-	-	128.71
Ewing Creek	195.80	-	0.12	139.11	1.05	-	18.52	-	-	354.60
Gibson Creek	45.65	-	0.09	51.67	1.40	-	0.58	-	-	99.38
Gizzard Branch	33.75	-	0.00	11.92	-	-	3.12	-	-	48.80
Harpeth River	983.60	-	0.01	258.35	0.52	-	4.44	-	-	1,246.91
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	27.74	-	-	15.90	-	-	1.51	-	-	45.15
Loves Branch	13.31	-	-	15.90	0.09	-	-	-	-	29.30
Mansker Creek	20.26	-	-	-	-	-	-	-	-	20.26
Marrowbone Creek	2.93	-	-	-	-	-	-	-	-	2.93
Mill Creek Lower	319.37	-	0.14	504.78	3.65	-	31.77	-	-	859.71
Mill Creek Upper	275.04	-	0.02	151.04	0.18	-	28.58	-	-	454.85
Overall Creek	44.55	-	0.00	7.95	0.08	-	0.82	-	-	53.40
Pages Branch	55.45	-	0.04	59.62	0.23	-	1.79	-	-	117.14
Percy Priest Lake, Lower	261.52	-	0.00	321.94	0.07	-	1.00	-	-	584.55
Percy Priest Lake, Upper	306.85	-	0.00	43.72	-	-	19.94	-	-	370.51
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	1,306.60	-	0.05	278.22	1.42	-	6.92	-	-	1,593.22
Sevenmile Creek	241.37	-	0.21	298.10	3.16	-	11.75	-	-	554.58
South Harpeth River, Lower	4.62	-	-	11.92	-	-	-	-	-	16.54
Stoner Creek	517.97	-	0.05	238.48	0.29	-	8.49	-	-	765.27
Stones River	141.83	-	0.08	155.01	0.09	-	10.79	-	-	307.80
Sugartree Creek	91.08	-	0.12	67.57	0.03	-	1.27	-	-	160.06
Sulphur Creek	5.57	-	0.00	-	-	-	-	-	-	5.57
Sycamore Creek	8.05	-	0.04	-	-	-	0.71	-	-	8.79
Whites Creek	584.01	-	0.00	143.09	4.92	-	12.43	-	-	744.45
Sandy Creek	8.17	-	0.01	15.90	-	-	-	-	-	24.08
All Watersheds	14,471.68	-	1.15	3,974.63	20.35	-	192.95	-	-	18,660.75

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: Pb									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	1.83	-	0.00	11.79	-	-	0.78	0.13	-	14.54
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	0.35	-	0.00	3.45	1.84	-	0.03	-	-	5.67
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	51.47	-	0.00	65.87	7.83	-	7.27	1.89	-	134.34
Davidson Branch	0.23	-	0.00	0.86	-	-	0.12	-	-	1.21
Dry Creek	0.61	-	-	3.74	-	-	0.52	-	-	4.86
Ewing Creek	1.75	-	0.00	10.07	-	-	4.24	-	-	16.05
Gibson Creek	0.28	-	0.00	3.74	0.92	-	0.20	-	-	5.14
Gizzard Branch	0.31	-	0.00	0.86	-	-	1.01	-	-	2.18
Harpeth River	2.13	-	0.00	18.70	-	-	1.82	-	-	22.65
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	0.21	-	-	1.15	-	-	0.75	-	-	2.11
Loves Branch	0.11	-	-	1.15	-	-	-	-	-	1.26
Mansker Creek	0.17	-	-	-	-	-	-	-	-	0.17
Marrowbone Creek	0.04	-	-	-	-	-	-	-	-	0.04
Mill Creek Lower	2.88	-	0.00	36.53	1.94	-	4.32	0.19	-	45.85
Mill Creek Upper	1.47	-	0.00	10.93	8.94	-	8.46	-	-	29.80
Overall Creek	0.27	-	0.00	0.58	-	-	0.97	-	-	1.82
Pages Branch	0.63	-	0.00	4.31	-	-	0.59	1.14	-	6.67
Percy Priest Lake, Lower	0.67	-	0.00	23.30	-	-	1.39	-	-	25.36
Percy Priest Lake, Upper	2.09	-	0.00	3.16	-	-	4.46	-	-	9.71
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	10.80	-	0.00	20.14	-	-	2.29	-	-	33.23
Sevenmile Creek	1.12	-	0.00	21.57	-	-	4.34	-	-	27.04
South Harpeth River, Lower	0.02	-	-	0.86	-	-	0.49	-	-	1.37
Stoner Creek	3.84	-	0.00	17.26	-	-	2.88	-	-	23.97
Stones River	1.23	-	0.00	11.22	-	-	4.04	-	-	16.49
Sugartree Creek	0.61	-	0.00	4.89	-	-	0.47	-	-	5.97
Sulphur Creek	0.06	-	0.00	-	-	-	-	-	-	0.06
Sycamore Creek	0.04	-	0.00	-	-	-	0.23	-	-	0.27
Whites Creek	5.07	-	0.00	10.36	7.06	-	9.79	-	-	32.27
Sandy Creek	0.05	-	0.00	1.15	-	-	-	-	-	1.20
All Watersheds	90.34	-	0.00	287.65	28.53	-	61.45	3.35	-	471.32

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: Ni									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	2.16	-	0.00	7.53	-	-	7.02	-	-	16.71
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	0.29	-	0.00	2.20	-	-	0.38	-	-	2.88
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	89.08	-	0.00	42.07	-	-	83.99	-	-	215.15
Davidson Branch	0.40	-	0.00	0.55	-	-	1.53	-	-	2.48
Dry Creek	1.09	-	-	2.39	-	-	8.94	-	-	12.41
Ewing Creek	2.41	-	0.00	6.43	-	-	67.96	-	-	76.80
Gibson Creek	0.55	-	0.00	2.39	-	-	1.52	-	-	4.46
Gizzard Branch	0.57	-	0.00	0.55	-	-	7.70	-	-	8.81
Harpeth River	2.56	-	0.00	11.94	-	-	43.76	-	-	58.26
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	0.42	-	-	0.73	-	-	7.09	-	-	8.25
Loves Branch	0.14	-	-	0.73	-	-	-	-	-	0.88
Mansker Creek	0.31	-	-	-	-	-	-	-	-	0.31
Marrowbone Creek	0.08	-	-	-	-	-	-	-	-	0.08
Mill Creek Lower	4.36	-	0.00	23.33	-	-	163.18	-	-	190.88
Mill Creek Upper	2.41	-	0.00	6.98	-	-	150.64	-	-	160.03
Overall Creek	0.49	-	0.00	0.37	-	-	11.20	-	-	12.06
Pages Branch	0.79	-	0.00	2.76	-	-	6.76	-	-	10.31
Percy Priest Lake, Lower	1.59	-	0.00	14.88	-	-	16.27	-	-	32.74
Percy Priest Lake, Upper	3.06	-	0.00	2.02	-	-	83.26	-	-	88.35
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	24.41	-	0.00	12.86	-	-	26.40	-	-	63.67
Sevenmile Creek	2.52	-	0.00	13.78	-	-	34.40	-	-	50.70
South Harpeth River, Lower	0.03	-	-	0.55	-	-	6.35	-	-	6.94
Stoner Creek	10.61	-	0.00	11.02	-	-	21.48	-	-	43.11
Stones River	1.70	-	0.00	7.16	-	-	38.58	-	-	47.44
Sugartree Creek	1.24	-	0.00	3.12	-	-	3.94	-	-	8.31
Sulphur Creek	0.09	-	0.00	-	-	-	-	-	-	0.09
Sycamore Creek	0.09	-	0.00	-	-	-	1.75	-	-	1.84
Whites Creek	11.30	-	0.00	6.61	-	-	121.75	-	-	139.67
Sandy Creek	0.08	-	0.00	0.73	-	-	-	-	-	0.81
All Watersheds	164.85	-	0.00	183.71	-	-	915.87	-	-	1,264.43

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: Zn									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	60.91	-	0.00	32.42	82.26	-	-	0.79	-	176.38
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	10.66	-	0.00	9.49	122.12	-	-	-	-	142.26
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	1,191.37	-	0.00	181.06	601.75	-	-	11.36	-	1,985.55
Davidson Branch	5.85	-	0.00	2.37	-	-	-	-	-	8.23
Dry Creek	16.99	-	-	10.28	14.02	-	-	-	-	41.29
Ewing Creek	57.21	-	0.00	27.67	72.37	-	-	-	-	157.26
Gibson Creek	7.07	-	0.00	10.28	152.22	-	-	-	-	169.58
Gizzard Branch	7.36	-	0.00	2.37	-	-	-	-	-	9.73
Harpeth River	60.30	-	0.00	51.39	35.91	-	-	-	-	147.60
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	4.91	-	-	3.16	-	-	-	-	-	8.07
Loves Branch	2.89	-	-	3.16	5.82	-	-	-	-	11.88
Mansker Creek	5.43	-	-	-	-	-	-	-	-	5.43
Marrowbone Creek	0.97	-	-	-	-	-	-	-	-	0.97
Mill Creek Lower	89.98	-	0.00	100.41	374.38	-	-	1.11	-	565.89
Mill Creek Upper	42.71	-	0.00	30.05	570.50	-	-	-	-	643.26
Overall Creek	6.69	-	0.00	1.58	5.85	-	-	-	-	14.13
Pages Branch	21.38	-	0.00	11.86	15.82	-	-	6.84	-	55.90
Percy Priest Lake, Lower	13.12	-	0.00	64.04	5.88	-	-	-	-	83.04
Percy Priest Lake, Upper	62.95	-	0.00	8.70	-	-	-	-	-	71.64
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	227.17	-	0.00	55.35	98.22	-	-	-	-	380.74
Sevenmile Creek	25.88	-	0.00	59.30	212.11	-	-	-	-	297.29
South Harpeth River, Lower	0.38	-	-	2.37	-	-	-	-	-	2.76
Stoner Creek	85.97	-	0.00	47.44	19.34	-	-	-	-	152.75
Stones River	38.31	-	0.00	30.84	5.75	-	-	-	-	74.90
Sugartree Creek	13.83	-	0.00	13.44	2.38	-	-	-	-	29.65
Sulphur Creek	1.93	-	0.00	-	-	-	-	-	-	1.93
Sycamore Creek	0.90	-	0.00	-	-	-	-	-	-	0.90
Whites Creek	107.20	-	0.00	28.46	781.56	-	-	-	-	917.22
Sandy Creek	1.84	-	0.00	3.16	-	-	-	-	-	5.00
All Watersheds	2,172.17	-	0.00	790.67	3,178.26	-	-	20.10	-	6,161.20

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: Cr									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	1.37	-	0.00	8.38	-	-	7.52	-	-	17.27
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	0.39	-	0.00	2.45	-	-	0.08	-	-	2.93
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	41.49	-	0.00	46.81	-	-	75.42	-	-	163.72
Davidson Branch	0.18	-	0.00	0.61	-	-	0.32	-	-	1.12
Dry Creek	0.35	-	-	2.66	-	-	6.50	-	-	9.51
Ewing Creek	1.15	-	0.00	7.15	-	-	47.98	-	-	56.28
Gibson Creek	0.16	-	0.00	2.66	-	-	2.07	-	-	4.89
Gizzard Branch	0.21	-	0.00	0.61	-	-	11.05	-	-	11.87
Harpeth River	2.08	-	0.00	13.29	-	-	10.95	-	-	26.32
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	0.12	-	-	0.82	-	-	6.07	-	-	7.01
Loves Branch	0.09	-	-	0.82	-	-	-	-	-	0.91
Mansker Creek	0.11	-	-	-	-	-	-	-	-	0.11
Marrowbone Creek	0.02	-	-	-	-	-	-	-	-	0.02
Mill Creek Lower	1.73	-	0.00	25.96	-	-	61.95	-	-	89.65
Mill Creek Upper	0.93	-	0.00	7.77	-	-	79.70	-	-	88.40
Overall Creek	0.18	-	0.00	0.41	-	-	4.83	-	-	5.41
Pages Branch	0.33	-	0.00	3.07	-	-	5.74	-	-	9.14
Percy Priest Lake, Lower	0.86	-	0.00	16.56	-	-	6.48	-	-	23.90
Percy Priest Lake, Upper	1.45	-	0.00	2.25	-	-	48.62	-	-	52.32
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	6.47	-	0.00	14.31	-	-	22.78	-	-	43.56
Sevenmile Creek	0.92	-	0.00	15.33	-	-	42.89	-	-	59.15
South Harpeth River, Lower	0.01	-	-	0.61	-	-	1.34	-	-	1.97
Stoner Creek	2.30	-	0.00	12.26	-	-	30.27	-	-	44.84
Stones River	0.80	-	0.00	7.97	-	-	37.91	-	-	46.68
Sugartree Creek	0.41	-	0.00	3.47	-	-	4.65	-	-	8.53
Sulphur Creek	0.04	-	0.00	-	-	-	-	-	-	0.04
Sycamore Creek	0.03	-	0.00	-	-	-	2.51	-	-	2.54
Whites Creek	2.99	-	0.00	7.36	-	-	55.15	-	-	65.50
Sandy Creek	0.04	-	0.00	0.82	-	-	-	-	-	0.85
All Watersheds	67.21	-	0.00	204.41	-	-	572.82	-	-	844.44

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: Cu									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	5.96	-	0.00	8.68	1.67	-	6.77	0.13	-	23.21
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	1.13	-	0.00	2.54	12.81	-	-	-	-	16.47
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	117.80	-	0.00	48.49	56.14	-	61.88	1.89	-	286.20
Davidson Branch	0.60	-	0.00	0.64	-	-	-	-	-	1.24
Dry Creek	1.44	-	-	2.75	0.29	-	4.34	-	-	8.83
Ewing Creek	6.19	-	0.00	7.41	1.46	-	32.12	-	-	47.18
Gibson Creek	0.50	-	0.00	2.75	8.25	-	1.99	-	-	13.49
Gizzard Branch	0.69	-	0.00	0.64	-	-	10.60	-	-	11.93
Harpeth River	5.68	-	0.00	13.76	0.73	-	4.06	-	-	24.22
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	0.36	-	-	0.85	-	-	5.15	-	-	6.36
Loves Branch	0.36	-	-	0.85	0.12	-	-	-	-	1.33
Mansker Creek	0.51	-	-	-	-	-	-	-	-	0.51
Marrowbone Creek	0.07	-	-	-	-	-	-	-	-	0.07
Mill Creek Lower	8.32	-	0.00	26.89	18.37	-	37.75	0.19	-	91.51
Mill Creek Upper	3.29	-	0.00	8.05	61.70	-	58.47	-	-	131.51
Overall Creek	0.54	-	0.00	0.42	0.12	-	2.76	-	-	3.84
Pages Branch	1.83	-	0.00	3.18	0.32	-	4.58	1.14	-	11.04
Percy Priest Lake, Lower	1.69	-	0.00	17.15	0.10	-	3.46	-	-	22.41
Percy Priest Lake, Upper	6.44	-	0.00	2.33	-	-	27.17	-	-	35.94
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	17.25	-	0.00	14.82	1.98	-	20.05	-	-	54.10
Sevenmile Creek	2.28	-	0.00	15.88	4.36	-	40.58	-	-	63.10
South Harpeth River, Lower	0.03	-	-	0.64	-	-	-	-	-	0.67
Stoner Creek	6.26	-	0.00	12.70	0.40	-	29.32	-	-	48.68
Stones River	4.01	-	0.00	8.26	0.12	-	33.06	-	-	45.44
Sugartree Creek	1.11	-	0.00	3.60	0.05	-	4.29	-	-	9.05
Sulphur Creek	0.20	-	0.00	-	-	-	-	-	-	0.20
Sycamore Creek	0.07	-	0.00	-	-	-	2.41	-	-	2.48
Whites Creek	8.11	-	0.00	7.62	55.41	-	31.10	-	-	102.25
Sandy Creek	0.18	-	0.00	0.85	-	-	-	-	-	1.03
All Watersheds	202.89	-	0.00	211.73	224.39	-	421.91	3.35	-	1,064.27

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: O&G									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	1,053.89	-	0.52	192.11	-	-	9.17	6.46	-	1,262.15
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	193.50	-	0.04	56.23	-	-	0.22	-	-	249.99
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	37,717.30	-	1.06	1,073.01	-	-	93.64	92.78	1.77	38,979.56
Davidson Branch	173.30	-	0.04	14.06	-	-	0.87	-	-	188.26
Dry Creek	359.75	-	-	60.91	-	-	7.96	-	4.13	432.76
Ewing Creek	1,212.81	-	1.21	164.00	-	-	60.52	-	0.92	1,439.46
Gibson Creek	146.32	-	0.84	60.91	-	-	2.40	-	2.76	213.23
Gizzard Branch	211.93	-	0.00	14.06	-	-	12.65	-	-	238.64
Harpeth River	1,142.96	-	0.05	304.56	-	-	22.11	-	-	1,469.69
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	123.54	-	-	18.74	-	-	8.05	-	0.49	150.82
Loves Branch	92.17	-	-	18.74	-	-	-	-	-	110.91
Mansker Creek	120.44	-	-	-	-	-	-	-	0.92	121.36
Marrowbone Creek	18.67	-	-	-	-	-	-	-	-	18.67
Mill Creek Lower	1,732.52	-	1.34	595.07	-	-	92.23	9.07	0.22	2,430.45
Mill Creek Upper	766.52	-	0.15	178.05	-	-	113.83	-	-	1,058.55
Overall Creek	152.04	-	0.04	9.37	-	-	8.53	-	-	169.98
Pages Branch	301.84	-	0.37	70.28	-	-	7.25	55.84	-	435.59
Percy Priest Lake, Lower	899.14	-	0.04	379.53	-	-	11.93	-	-	1,290.64
Percy Priest Lake, Upper	1,405.38	-	0.05	51.54	-	-	64.55	-	-	1,521.51
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	7,397.97	-	0.53	327.99	-	-	28.76	-	-	7,755.25
Sevenmile Creek	985.88	-	2.01	351.42	-	-	50.82	-	0.48	1,390.61
South Harpeth River, Lower	11.09	-	-	14.06	-	-	3.62	-	-	28.77
Stoner Creek	3,073.23	-	0.45	281.14	-	-	34.79	-	1.38	3,390.99
Stones River	800.99	-	0.78	182.74	-	-	47.03	-	-	1,031.54
Sugartree Creek	407.34	-	1.13	79.66	-	-	5.60	-	-	493.72
Sulphur Creek	38.89	-	0.00	-	-	-	-	-	-	38.89
Sycamore Creek	31.13	-	0.36	-	-	-	2.87	-	-	34.37
Whites Creek	3,417.22	-	0.04	168.68	-	-	92.30	-	-	3,678.25
Sandy Creek	36.85	-	0.08	18.74	-	-	-	-	-	55.67
All Watersheds	64,024.60	-	11.15	4,685.61	-	-	781.70	164.15	13.06	69,680.28

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: TSS									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	2,929.82	-	-	-	-	-	-	-	2,929.82
Browns Creek	19,535.74	740,912.99	743.12	48,887.92	-	-	73.68	806.66	-	810,960.12
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	3,935.94	101,382.29	0.12	14,308.66	5.76	-	0.88	-	-	119,633.65
Cub Creek	-	1,785.43	-	-	-	-	-	-	-	1,785.43
Cumberland River	438,543.38	4,281,501.34	5,194.61	273,056.94	24.47	-	692.67	11,588.45	220.86	5,010,822.72
Davidson Branch	2,045.09	65,875.13	0.10	3,577.17	-	-	3.54	-	-	71,501.02
Dry Creek	4,373.54	68,852.39	-	15,501.05	-	-	47.87	-	516.14	89,290.98
Ewing Creek	15,778.54	194,160.25	2,228.36	41,733.59	-	-	368.23	-	114.83	254,383.81
Gibson Creek	1,980.13	253,289.77	2.33	15,501.05	2.87	-	20.73	-	344.50	271,141.38
Gizzard Branch	2,570.98	90,399.01	0.01	3,577.17	-	-	110.01	-	-	96,657.18
Harpeth River	20,504.31	220,227.47	741.81	77,505.25	-	-	96.27	-	-	319,075.10
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	1,640.64	14,259.00	-	4,769.55	-	-	61.16	-	60.89	20,791.25
Loves Branch	1,092.99	149,388.41	741.67	4,769.55	-	-	-	-	-	155,992.62
Mansker Creek	1,443.57	44,480.95	-	-	-	-	-	-	114.83	46,039.36
Marrowbone Creek	222.77	26,704.29	1,483.33	-	-	-	-	-	-	28,410.40
Mill Creek Lower	25,711.26	496,267.36	2,970.37	151,433.33	6.06	-	481.19	1,133.06	26.89	678,029.51
Mill Creek Upper	12,689.18	1,546,059.03	742.08	45,310.76	27.94	-	728.98	-	-	1,605,557.97
Overall Creek	2,120.28	5,906.60	0.10	2,384.78	-	-	49.89	-	-	10,461.65
Pages Branch	6,484.15	88,301.59	742.70	17,885.83	-	-	52.00	6,973.95	-	120,440.21
Percy Priest Lake, Lower	8,765.85	117,993.38	0.12	96,583.46	-	-	67.47	-	-	223,410.27
Percy Priest Lake, Upper	18,105.10	172,031.92	1,483.46	13,116.27	-	-	340.02	-	-	205,076.77
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	59,990.54	738,530.86	1,484.80	83,467.19	-	-	222.66	-	-	883,696.05
Sevenmile Creek	10,227.51	530,867.42	747.24	89,429.13	-	-	430.09	-	59.53	631,760.92
South Harpeth River, Lower	108.46	3,424.12	2,225.00	3,577.17	-	-	14.66	-	-	9,349.40
Stoner Creek	21,223.65	2,488,225.66	1,484.59	71,543.30	-	-	302.93	-	172.83	2,582,952.96
Stones River	11,758.08	811,892.15	2.15	46,503.15	-	-	366.00	-	-	870,521.53
Sugartree Creek	4,459.31	178,486.61	3.13	20,270.60	-	-	46.46	-	-	203,266.12
Sulphur Creek	490.24	-	0.01	-	-	-	-	-	-	490.25
Sycamore Creek	320.44	62,965.36	742.68	-	-	-	25.00	-	-	64,053.47
Whites Creek	27,269.36	198,209.70	2,225.12	42,925.98	22.07	-	526.27	-	-	271,178.51
Sandy Creek	517.41	49,546.56	0.21	4,769.55	-	-	-	-	-	54,833.74
All Watersheds	723,908.46	13,744,856.86	25,989.24	1,192,388.40	89.16	-	5,128.64	20,502.12	1,631.30	15,714,494.18

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: TDS									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (pounds)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	54,138.33	-	-	-	-	-	531.53	-	-	54,669.86
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	19,635.72	-	-	-	-	-	7.10	-	-	19,642.82
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	1,602,741.86	-	-	-	-	-	5,962.64	-	-	1,608,704.50
Davidson Branch	7,057.68	-	-	-	-	-	28.59	-	-	7,086.28
Dry Creek	10,533.40	-	-	-	-	-	678.94	-	-	11,212.33
Ewing Creek	33,448.44	-	-	-	-	-	4,827.37	-	-	38,275.81
Gibson Creek	7,244.10	-	-	-	-	-	137.51	-	-	7,381.61
Gizzard Branch	8,455.06	-	-	-	-	-	731.29	-	-	9,186.35
Harpeth River	99,658.24	-	-	-	-	-	1,267.88	-	-	100,926.11
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	6,122.71	-	-	-	-	-	417.43	-	-	6,540.14
Loves Branch	2,353.27	-	-	-	-	-	-	-	-	2,353.27
Mansker Creek	4,690.35	-	-	-	-	-	-	-	-	4,690.35
Marrowbone Creek	646.81	-	-	-	-	-	-	-	-	646.81
Mill Creek Lower	57,449.96	-	-	-	-	-	7,140.16	-	-	64,590.12
Mill Creek Upper	36,166.33	-	-	-	-	-	7,090.75	-	-	43,257.08
Overall Creek	5,896.97	-	-	-	-	-	362.23	-	-	6,259.20
Pages Branch	9,524.19	-	-	-	-	-	468.14	-	-	9,992.33
Percy Priest Lake, Lower	49,678.46	-	-	-	-	-	493.16	-	-	50,171.62
Percy Priest Lake, Upper	32,916.49	-	-	-	-	-	5,414.39	-	-	38,330.88
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	201,388.47	-	-	-	-	-	1,674.02	-	-	203,062.49
Sevenmile Creek	49,237.23	-	-	-	-	-	2,863.01	-	-	52,100.23
South Harpeth River, Lower	787.96	-	-	-	-	-	118.47	-	-	906.43
Stoner Creek	168,922.39	-	-	-	-	-	2,005.38	-	-	170,927.77
Stones River	25,051.96	-	-	-	-	-	2,769.16	-	-	27,821.12
Sugartree Creek	16,790.51	-	-	-	-	-	311.84	-	-	17,102.35
Sulphur Creek	920.59	-	-	-	-	-	-	-	-	920.59
Sycamore Creek	918.50	-	-	-	-	-	166.18	-	-	1,084.68
Whites Creek	78,782.57	-	-	-	-	-	4,637.99	-	-	83,420.56
Sandy Creek	1,423.56	-	-	-	-	-	-	-	-	1,423.56
All Watersheds	2,592,582.11	-	-	-	-	-	50,105.16	-	-	2,642,687.27

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Pollutant: E. coli									Total Pollutant Load Removed from Watershed
	Removal by MWS Control Measure Implementation during FY25 (MPN e9)									
	SCMs Removal ¹	Construction Inspection Removal ²	Illicit Discharge Removal ²	Street Sweeping Removal ²	Home Buyout Removal ¹	Tree Planting Removal ¹	Stream Buffer Removal ¹	Industrial Inspection Removal ²	Field Screening Removal ²	
Back Creek	-	-	-	-	-	-	-	-	-	-
Browns Creek	15,690.73	-	272.55	2,976.77	0.00	-	0.00	-	-	18,940.04
Bull Run Creek	-	-	-	-	-	-	-	-	-	-
Cooper Creek	8,971.65	-	22.71	871.25	0.00	-	-	-	-	9,865.61
Cub Creek	-	-	-	-	-	-	-	-	-	-
Cumberland River	212,161.87	-	550.78	16,626.32	0.00	-	0.00	-	-	229,338.97
Davidson Branch	1,477.58	-	18.93	217.81	-	-	-	-	-	1,714.32
Dry Creek	2,002.63	-	-	943.85	0.00	-	0.00	-	-	2,946.48
Ewing Creek	3,487.38	-	630.65	2,541.14	0.00	-	0.00	-	-	6,659.17
Gibson Creek	1,756.78	-	437.59	943.85	0.00	-	0.00	-	-	3,138.23
Gizzard Branch	614.17	-	1.89	217.81	-	-	0.00	-	-	833.88
Harpeth River	44,501.61	-	26.50	4,719.26	0.00	-	0.00	-	-	49,247.37
Indian Creek	-	-	-	-	-	-	-	-	-	-
Island Creek	-	-	-	-	-	-	-	-	-	-
Little Harpeth River	912.52	-	-	290.42	-	-	0.00	-	-	1,202.93
Loves Branch	333.31	-	-	290.42	0.00	-	-	-	-	623.72
Mansker Creek	323.04	-	-	-	-	-	-	-	-	323.04
Marrowbone Creek	56.61	-	-	-	-	-	-	-	-	56.61
Mill Creek Lower	7,269.01	-	695.00	9,220.71	0.00	-	0.00	-	-	17,184.73
Mill Creek Upper	12,937.83	-	77.60	2,758.95	0.00	-	0.00	-	-	15,774.39
Overall Creek	1,688.89	-	18.93	145.21	0.00	-	0.00	-	-	1,853.03
Pages Branch	837.35	-	193.06	1,089.06	0.00	-	0.00	-	-	2,119.47
Percy Priest Lake, Lower	7,872.20	-	22.71	5,880.93	0.00	-	0.00	-	-	13,775.84
Percy Priest Lake, Upper	9,804.30	-	24.61	798.64	-	-	0.00	-	-	10,627.55
Pond Creek	-	-	-	-	-	-	-	-	-	-
Richland Creek	26,926.99	-	274.44	5,082.28	0.00	-	0.00	-	-	32,283.71
Sevenmile Creek	6,779.96	-	1,045.53	5,445.30	0.00	-	0.00	-	-	13,270.80
South Harpeth River, Lower	189.96	-	-	217.81	-	-	-	-	-	407.77
Stoner Creek	8,347.10	-	234.70	4,356.24	0.00	-	0.00	-	-	12,938.04
Stones River	3,310.85	-	403.52	2,831.56	0.00	-	0.00	-	-	6,545.94
Sugartree Creek	2,918.09	-	587.12	1,234.27	0.00	-	0.00	-	-	4,739.48
Sulphur Creek	73.99	-	1.89	-	-	-	-	-	-	75.88
Sycamore Creek	261.75	-	189.27	-	-	-	0.00	-	-	451.03
Whites Creek	11,101.24	-	22.71	2,613.74	0.00	-	0.00	-	-	13,737.70
Sandy Creek	292.42	-	39.75	290.42	-	-	-	-	-	622.59
All Watersheds	392,901.83	-	5,792.44	72,604.03	0.00	-	0.00	-	-	471,298.29

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

WIES Calculated Net Pollutant Loadings During FY25

The below tables represent the actual Net Pollutant Loading Calculations after considering the Pollutant Loading Reductions from Metro Nashville MS4 Program.

Watershed	Baseline	SCM Load ¹	Pollutant: Runoff								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (Acre-foot)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	130.62	-	-	-	-	-	0.00	-	-	-	130.62
Browns Creek	13,606.56	449.63	-	-	-	8.97	0.89	7.75	-	-	13,139.31
Bull Run Creek	505.19	-	-	-	-	-	0.00	-	-	-	505.18
Cooper Creek	3,282.61	111.57	-	-	-	4.35	0.30	0.72	-	-	3,165.67
Cub Creek	140.09	-	-	-	-	-	0.00	-	-	-	140.09
Cumberland River	53,387.96	15,928.45	-	-	-	24.51	7.20	116.02	-	-	37,311.78
Davidson Branch	2,181.71	66.54	-	-	-	-	0.14	0.49	-	-	2,114.54
Dry Creek	5,197.24	177.12	-	-	-	1.04	0.26	12.94	-	-	5,005.88
Ewing Creek	11,412.46	354.02	-	-	-	7.72	0.30	46.40	-	-	11,004.01
Gibson Creek	5,570.30	91.57	-	-	-	15.08	0.37	5.31	-	-	5,457.97
Gizzard Branch	2,043.25	89.57	-	-	-	-	0.03	18.03	-	-	1,935.63
Harpeth River	12,781.63	719.23	-	-	-	0.74	0.23	35.52	-	-	12,025.91
Indian Creek	336.96	-	-	-	-	-	-	-	-	-	336.96
Island Creek	187.70	-	-	-	-	-	-	-	-	-	187.70
Little Harpeth River	2,263.74	68.17	-	-	-	-	0.16	11.34	-	-	2,184.07
Loves Branch	2,458.55	28.90	-	-	-	0.24	0.25	-	-	-	2,429.16
Mansker Creek	3,931.31	38.39	-	-	-	-	0.06	-	-	-	3,892.85
Marrowbone Creek	2,623.01	12.35	-	-	-	-	0.02	-	-	-	2,610.64
Mill Creek Lower	38,375.24	694.06	-	-	-	20.75	0.48	70.35	-	-	37,589.61
Mill Creek Upper	12,760.18	453.72	-	-	-	1.94	0.37	74.86	-	-	12,229.29
Overall Creek	2,842.05	90.82	-	-	-	0.25	0.14	7.10	-	-	2,743.75
Pages Branch	4,325.57	141.17	-	-	-	1.69	0.17	7.10	-	-	4,175.43
Percy Priest Lake, Lower	12,747.66	194.71	-	-	-	1.33	0.14	6.37	-	-	12,545.11
Percy Priest Lake, Upper	11,038.76	510.66	-	-	-	-	0.07	47.35	-	-	10,480.68
Pond Creek	230.06	-	-	-	-	-	-	-	-	-	230.06
Richland Creek	16,033.90	3,814.58	-	-	-	20.38	1.80	18.95	-	-	12,178.19
Sevenmile Creek	15,696.75	347.96	-	-	-	16.64	0.41	26.20	-	-	15,305.53
South Harpeth River, Lower	1,380.55	4.56	-	-	-	-	0.03	0.98	-	-	1,374.97
Stoner Creek	10,164.60	1,097.98	-	-	-	2.67	0.26	27.20	-	-	9,036.49
Stones River	11,744.15	283.14	-	-	-	0.72	0.43	22.23	-	-	11,437.62
Sugartree Creek	3,795.06	205.96	-	-	-	0.25	0.28	3.68	-	-	3,584.89
Sulphur Creek	818.25	14.41	-	-	-	-	0.05	-	-	-	803.79
Sycamore Creek	4,704.43	14.35	-	-	-	-	0.01	2.58	-	-	4,687.50
Whites Creek	15,000.64	1,810.42	-	-	-	21.74	0.71	41.06	-	-	13,126.70
Sandy Creek	1,007.45	11.55	-	-	-	-	0.02	-	-	-	995.88
All Watersheds	284,706.15	27,825.55	-	-	-	151.00	15.58	610.54	-	-	256,103.48

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: BOD5								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	1,293.01	-	-	-	-	-	-	-	-	-	1,293.01
Browns Creek	141,866.45	4,693.04	-	1.32	1,420.08	12.02	-	-	31.63	-	135,708.36
Bull Run Creek	4,407.71	-	-	-	-	-	-	-	-	-	4,407.71
Cooper Creek	38,825.64	1,295.33	-	0.11	415.63	9.79	-	-	-	-	37,104.78
Cub Creek	1,491.06	-	-	-	-	-	-	-	-	-	1,491.06
Cumberland River	647,556.94	109,226.93	-	2.67	7,931.65	53.82	-	-	454.45	8.66	529,878.75
Davidson Branch	25,251.69	558.82	-	0.09	103.91	-	-	-	-	-	24,588.88
Dry Creek	59,892.16	1,323.62	-	-	450.27	2.06	-	-	-	20.24	58,095.97
Ewing Creek	130,109.62	4,322.54	-	3.06	1,212.26	10.49	-	-	-	4.50	124,556.76
Gibson Creek	76,145.66	601.25	-	2.12	450.27	18.32	-	-	-	13.51	75,060.19
Gizzard Branch	32,364.20	629.45	-	0.01	103.91	-	-	-	-	-	31,630.84
Harpeth River	149,380.40	7,021.49	-	0.13	2,251.34	5.22	-	-	-	-	140,102.22
Indian Creek	3,604.83	-	-	-	-	-	-	-	-	-	3,604.83
Island Creek	1,343.18	-	-	-	-	-	-	-	-	-	1,343.18
Little Harpeth River	26,761.37	410.05	-	-	138.54	-	-	-	-	2.39	26,210.39
Loves Branch	26,379.06	246.51	-	-	138.54	0.86	-	-	-	-	25,993.14
Mansker Creek	39,542.70	425.55	-	-	-	-	-	-	-	4.50	39,112.65
Marrowbone Creek	27,603.78	58.78	-	-	-	-	-	-	-	-	27,544.99
Mill Creek Lower	445,281.82	6,318.09	-	3.37	4,398.78	46.22	-	-	44.43	1.05	434,469.88
Mill Creek Upper	156,728.18	3,135.75	-	0.38	1,316.17	44.21	-	-	-	-	152,231.67
Overall Creek	33,868.21	556.39	-	0.09	69.27	0.85	-	-	-	-	33,241.60
Pages Branch	54,895.48	1,207.16	-	0.94	519.54	2.33	-	-	273.49	-	52,892.02
Percy Priest Lake, Lower	136,216.67	1,399.35	-	0.11	2,805.52	0.75	-	-	-	-	132,010.94
Percy Priest Lake, Upper	111,890.67	4,764.18	-	0.12	381.00	-	-	-	-	-	106,745.37
Pond Creek	2,378.13	-	-	-	-	-	-	-	-	-	2,378.13
Richland Creek	194,256.08	22,657.08	-	1.33	2,424.52	14.22	-	-	-	-	169,158.92
Sevenmile Creek	192,493.08	2,280.82	-	5.07	2,597.70	31.40	-	-	-	2.33	187,575.75
South Harpeth River, Lower	12,585.31	47.61	-	-	103.91	-	-	-	-	-	12,433.79
Stoner Creek	129,715.55	9,869.66	-	1.14	2,078.16	2.87	-	-	-	6.78	117,756.94
Stones River	154,046.36	2,855.81	-	1.96	1,350.81	0.85	-	-	-	-	149,836.93
Sugartree Creek	54,785.34	1,280.36	-	2.85	588.81	0.35	-	-	-	-	52,912.98
Sulphur Creek	7,580.23	132.07	-	0.01	-	-	-	-	-	-	7,448.15
Sycamore Creek	49,394.36	76.09	-	0.92	-	-	-	-	-	-	49,317.35
Whites Creek	166,491.60	10,360.84	-	0.11	1,246.90	82.90	-	-	-	-	154,800.86
Sandy Creek	11,763.44	143.60	-	0.19	138.54	-	-	-	-	-	11,481.09
All Watersheds	3,348,189.95	197,898.22	-	28.10	34,636.04	339.53	-	-	804.00	63.97	3,114,420.08

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: COD								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	12,694.49	-	-	-	-	-	-	-	-	-	12,694.49
Browns Creek	1,288,908.28	41,103.63	-	3.48	2,840.16	-	-	87.91	317.66	-	1,244,555.45
Bull Run Creek	47,296.06	-	-	-	-	-	-	-	-	-	47,296.06
Cooper Creek	338,354.91	9,580.67	-	0.29	831.27	36.84	-	0.51	-	-	327,905.33
Cub Creek	14,515.56	-	-	-	-	-	-	-	-	-	14,515.56
Cumberland River	5,542,964.85	905,248.03	-	7.03	15,863.31	156.61	-	826.35	4,563.43	86.97	4,616,213.13
Davidson Branch	236,132.11	4,632.29	-	0.24	207.82	-	-	2.06	-	-	231,289.69
Dry Creek	511,848.21	10,038.44	-	-	900.54	-	-	56.78	-	203.25	500,649.20
Ewing Creek	1,151,526.35	34,544.59	-	8.05	2,424.52	-	-	428.56	-	45.22	1,114,075.40
Gibson Creek	631,046.26	4,614.08	-	5.58	900.54	18.37	-	25.30	-	135.66	625,346.74
Gizzard Branch	263,166.03	5,361.42	-	0.02	207.82	-	-	134.76	-	-	257,462.00
Harpeth River	1,315,300.41	50,597.02	-	0.34	4,502.69	-	-	121.37	-	-	1,260,078.99
Indian Creek	34,868.54	-	-	-	-	-	-	-	-	-	34,868.54
Island Creek	17,096.19	-	-	-	-	-	-	-	-	-	17,096.19
Little Harpeth River	259,758.10	3,535.89	-	-	277.09	-	-	69.97	-	23.98	255,851.17
Loves Branch	255,670.10	2,147.25	-	-	277.09	-	-	-	-	-	253,245.76
Mansker Creek	383,340.24	3,338.76	-	-	-	-	-	-	-	45.22	379,956.26
Marrowbone Creek	273,490.39	444.66	-	-	-	-	-	-	-	-	273,045.72
Mill Creek Lower	3,680,133.90	53,121.11	-	8.87	8,797.56	38.75	-	732.43	446.19	10.59	3,616,978.40
Mill Creek Upper	1,331,480.13	26,623.76	-	0.99	2,632.34	178.80	-	924.03	-	-	1,301,120.21
Overall Creek	291,733.34	4,495.94	-	0.24	138.54	-	-	47.49	-	-	287,051.13
Pages Branch	456,366.09	11,488.96	-	2.46	1,039.08	-	-	60.78	2,746.28	-	441,028.53
Percy Priest Lake, Lower	1,317,463.80	16,795.17	-	0.29	5,611.04	-	-	62.30	-	-	1,294,995.00
Percy Priest Lake, Upper	1,023,768.02	37,159.59	-	0.31	761.99	-	-	379.62	-	-	985,466.51
Pond Creek	22,268.31	-	-	-	-	-	-	-	-	-	22,268.31
Richland Creek	1,696,783.81	152,123.11	-	3.50	4,849.05	-	-	275.18	-	-	1,539,532.97
Sevenmile Creek	1,633,855.25	21,963.40	-	13.34	5,195.41	-	-	519.94	-	23.44	1,606,139.72
South Harpeth River, Lower	136,345.36	324.87	-	-	207.82	-	-	8.55	-	-	135,804.13
Stoner Creek	1,081,288.71	68,234.13	-	2.99	4,156.33	-	-	371.08	-	68.06	1,008,456.13
Stones River	1,316,794.11	24,067.29	-	5.15	2,701.61	-	-	432.82	-	-	1,289,587.24
Sugartree Creek	454,993.35	10,262.92	-	7.49	1,177.63	-	-	55.68	-	-	443,489.64
Sulphur Creek	79,588.52	1,011.85	-	0.02	-	-	-	-	-	-	78,576.65
Sycamore Creek	480,374.24	653.27	-	2.42	-	-	-	30.62	-	-	479,687.93
Whites Creek	1,541,586.56	68,719.12	-	0.29	2,493.80	141.25	-	513.80	-	-	1,469,718.31
Sandy Creek	100,199.23	1,156.57	-	0.51	277.09	-	-	-	-	-	98,765.07
All Watersheds	29,222,999.80	1,573,387.79	-	73.91	69,272.09	570.62	-	6,167.89	8,073.55	642.39	27,564,811.56

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: NH3								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	40.66	-	-	-	-	-	-	-	-	-	40.66
Browns Creek	4,576.18	142.13	-	0.05	-	0.00	-	-	0.53	-	4,433.47
Bull Run Creek	163.76	-	-	-	-	-	-	-	-	-	163.76
Cooper Creek	1,115.56	25.17	-	0.00	-	0.22	-	-	-	-	1,090.17
Cub Creek	44.75	-	-	-	-	-	-	-	-	-	44.75
Cumberland River	18,221.89	3,322.91	-	0.10	-	0.93	-	-	7.57	0.14	14,890.23
Davidson Branch	824.87	16.02	-	0.00	-	-	-	-	-	-	808.84
Dry Creek	1,687.87	36.34	-	-	-	0.00	-	-	-	0.34	1,651.19
Ewing Creek	3,857.04	118.09	-	0.12	-	0.00	-	-	-	0.08	3,738.76
Gibson Creek	2,003.65	18.15	-	0.08	-	0.11	-	-	-	0.23	1,985.08
Gizzard Branch	876.92	21.95	-	0.00	-	-	-	-	-	-	854.96
Harpeth River	4,136.93	137.70	-	0.00	-	0.00	-	-	-	-	3,999.23
Indian Creek	96.52	-	-	-	-	-	-	-	-	-	96.52
Island Creek	69.64	-	-	-	-	-	-	-	-	-	69.64
Little Harpeth River	780.37	14.92	-	-	-	-	-	-	-	0.04	765.41
Loves Branch	831.37	7.47	-	-	-	0.00	-	-	-	-	823.90
Mansker Creek	1,234.73	12.27	-	-	-	-	-	-	-	0.08	1,222.38
Marrowbone Creek	750.55	2.03	-	-	-	-	-	-	-	-	748.52
Mill Creek Lower	12,479.13	204.09	-	0.13	-	0.24	-	-	0.74	0.02	12,273.91
Mill Creek Upper	4,076.77	100.26	-	0.01	-	1.06	-	-	-	-	3,975.43
Overall Creek	926.96	16.88	-	0.00	-	0.00	-	-	-	-	910.08
Pages Branch	1,521.81	48.72	-	0.04	-	0.00	-	-	4.56	-	1,468.50
Percy Priest Lake, Lower	3,690.09	38.99	-	0.00	-	0.00	-	-	-	-	3,651.10
Percy Priest Lake, Upper	3,127.23	117.29	-	0.00	-	-	-	-	-	-	3,009.93
Pond Creek	63.30	-	-	-	-	-	-	-	-	-	63.30
Richland Creek	5,708.68	520.25	-	0.05	-	0.00	-	-	-	-	5,188.38
Sevenmile Creek	5,159.17	70.91	-	0.20	-	0.00	-	-	-	0.04	5,088.03
South Harpeth River, Lower	398.54	1.04	-	-	-	-	-	-	-	-	397.50
Stoner Creek	3,433.40	261.90	-	0.04	-	0.00	-	-	-	0.11	3,171.34
Stones River	4,481.13	89.63	-	0.08	-	0.00	-	-	-	-	4,391.42
Sugartree Creek	1,461.46	38.96	-	0.11	-	0.00	-	-	-	-	1,422.39
Sulphur Creek	264.16	3.67	-	0.00	-	-	-	-	-	-	260.49
Sycamore Creek	1,404.62	2.00	-	0.04	-	-	-	-	-	-	1,402.59
Whites Creek	4,937.90	228.79	-	0.00	-	0.85	-	-	-	-	4,708.26
Sandy Creek	324.26	4.09	-	0.01	-	-	-	-	-	-	320.17
All Watersheds	94,771.87	5,622.61	-	1.08	-	3.42	-	-	13.40	1.07	89,130.29

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: TKN								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	163.14	-	-	-	-	-	-	-	-	-	163.14
Browns Creek	15,797.76	723.30	-	0.42	-	0.93	-	0.55	-	-	15,072.56
Bull Run Creek	512.80	-	-	-	-	-	-	-	-	-	512.80
Cooper Creek	4,404.04	204.67	-	0.03	-	0.39	-	-	-	-	4,198.95
Cub Creek	191.16	-	-	-	-	-	-	-	-	-	191.16
Cumberland River	74,571.82	16,227.58	-	0.85	-	2.61	-	5.62	-	-	58,335.16
Davidson Branch	2,648.48	71.78	-	0.03	-	-	-	-	-	-	2,576.67
Dry Creek	7,080.21	183.87	-	-	-	0.16	-	0.35	-	-	6,895.82
Ewing Creek	14,853.77	486.92	-	0.97	-	0.82	-	2.62	-	-	14,362.45
Gibson Creek	8,690.90	111.74	-	0.67	-	1.24	-	0.16	-	-	8,577.09
Gizzard Branch	3,384.36	95.82	-	0.00	-	-	-	0.86	-	-	3,287.68
Harpeth River	17,782.29	1,094.26	-	0.04	-	0.41	-	2.74	-	-	16,684.85
Indian Creek	511.80	-	-	-	-	-	-	-	-	-	511.80
Island Creek	114.80	-	-	-	-	-	-	-	-	-	114.80
Little Harpeth River	3,310.84	82.39	-	-	-	-	-	0.42	-	-	3,228.04
Loves Branch	3,090.39	26.35	-	-	-	0.07	-	-	-	-	3,063.97
Mansker Creek	4,933.72	56.37	-	-	-	-	-	-	-	-	4,877.35
Marrowbone Creek	3,949.81	11.20	-	-	-	-	-	-	-	-	3,938.61
Mill Creek Lower	51,585.48	918.18	-	1.07	-	3.15	-	15.22	-	-	50,647.86
Mill Creek Upper	19,201.00	611.70	-	0.12	-	1.64	-	11.67	-	-	18,575.87
Overall Creek	4,079.84	98.40	-	0.03	-	0.07	-	0.23	-	-	3,981.12
Pages Branch	6,181.59	200.95	-	0.30	-	0.18	-	0.37	-	-	5,979.79
Percy Priest Lake, Lower	18,477.43	275.82	-	0.03	-	0.06	-	0.28	-	-	18,201.24
Percy Priest Lake, Upper	15,056.55	558.84	-	0.04	-	-	-	2.22	-	-	14,495.45
Pond Creek	330.93	-	-	-	-	-	-	-	-	-	330.93
Richland Creek	21,497.53	2,478.12	-	0.42	-	1.11	-	2.39	-	-	19,015.49
Sevenmile Creek	22,689.35	429.77	-	1.61	-	2.44	-	3.29	-	-	22,252.25
South Harpeth River, Lower	1,753.18	7.22	-	-	-	-	-	-	-	-	1,745.97
Stoner Creek	14,988.15	1,465.67	-	0.36	-	0.22	-	2.37	-	-	13,519.53
Stones River	16,536.90	370.27	-	0.62	-	0.07	-	2.68	-	-	16,163.26
Sugartree Creek	6,011.02	203.04	-	0.90	-	0.03	-	0.35	-	-	5,806.70
Sulphur Creek	919.07	15.66	-	0.00	-	-	-	-	-	-	903.41
Sycamore Creek	6,646.61	12.69	-	0.29	-	-	-	0.20	-	-	6,633.43
Whites Creek	19,984.25	1,064.06	-	0.03	-	5.03	-	2.53	-	-	18,912.59
Sandy Creek	1,384.06	19.46	-	0.06	-	-	-	-	-	-	1,364.54
All Watersheds	393,315.05	28,106.09	-	8.89	-	20.63	-	57.11	-	-	365,122.33

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: NO2+NO3								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	71.39	-	-	-	-	-	-	-	-	-	71.39
Browns Creek	7,881.00	221.45	-	0.01	-	-	-	0.04	1.25	-	7,658.25
Bull Run Creek	256.67	-	-	-	-	-	-	-	-	-	256.67
Cooper Creek	1,848.11	65.04	-	0.00	-	0.08	-	0.00	-	-	1,782.99
Cub Creek	80.98	-	-	-	-	-	-	-	-	-	80.98
Cumberland River	32,394.57	7,990.82	-	0.01	-	0.34	-	0.52	17.99	0.34	24,384.55
Davidson Branch	1,221.06	36.41	-	0.00	-	-	-	0.01	-	-	1,184.65
Dry Creek	3,097.32	83.72	-	-	-	-	-	0.03	-	0.80	3,012.78
Ewing Creek	6,576.80	201.99	-	0.01	-	-	-	0.23	-	0.18	6,374.39
Gibson Creek	3,404.39	39.42	-	0.01	-	0.04	-	0.01	-	0.53	3,364.38
Gizzard Branch	1,373.61	41.39	-	0.00	-	-	-	0.05	-	-	1,332.17
Harpeth River	7,195.04	399.04	-	0.00	-	-	-	0.62	-	-	6,795.38
Indian Creek	201.75	-	-	-	-	-	-	-	-	-	201.75
Island Creek	85.81	-	-	-	-	-	-	-	-	-	85.81
Little Harpeth River	1,389.10	28.22	-	-	-	-	-	0.04	-	0.09	1,360.75
Loves Branch	1,383.63	14.21	-	-	-	-	-	-	-	-	1,369.42
Mansker Creek	2,230.56	23.98	-	-	-	-	-	-	-	0.18	2,206.40
Marrowbone Creek	1,581.80	4.48	-	-	-	-	-	-	-	-	1,577.32
Mill Creek Lower	23,052.00	328.40	-	0.02	-	0.08	-	2.91	1.76	0.04	22,718.78
Mill Creek Upper	7,540.00	181.88	-	0.00	-	0.39	-	1.97	-	-	7,355.76
Overall Creek	1,671.80	36.13	-	0.00	-	-	-	0.05	-	-	1,635.62
Pages Branch	2,638.70	53.56	-	0.00	-	-	-	0.03	10.83	-	2,574.29
Percy Priest Lake, Lower	7,448.72	114.45	-	0.00	-	-	-	0.07	-	-	7,334.21
Percy Priest Lake, Upper	6,646.78	265.13	-	0.00	-	-	-	0.24	-	-	6,381.41
Pond Creek	129.72	-	-	-	-	-	-	-	-	-	129.72
Richland Creek	9,429.31	2,049.15	-	0.01	-	-	-	0.29	-	-	7,379.87
Sevenmile Creek	9,129.52	174.05	-	0.02	-	-	-	0.23	-	0.09	8,955.13
South Harpeth River, Lower	773.10	3.26	-	-	-	-	-	0.02	-	-	769.81
Stoner Creek	5,947.45	780.97	-	0.01	-	-	-	0.15	-	0.27	5,166.06
Stones River	7,266.97	136.28	-	0.01	-	-	-	0.21	-	-	7,130.47
Sugartree Creek	2,346.45	97.52	-	0.01	-	-	-	0.03	-	-	2,248.89
Sulphur Creek	440.79	6.87	-	0.00	-	-	-	-	-	-	433.92
Sycamore Creek	2,717.13	6.62	-	0.00	-	-	-	0.01	-	-	2,710.49
Whites Creek	8,633.78	955.40	-	0.00	-	0.31	-	0.50	-	-	7,677.57
Sandy Creek	571.28	6.94	-	0.00	-	-	-	-	-	-	564.34
All Watersheds	168,657.11	14,346.76	-	0.13	-	1.25	-	8.26	31.83	2.53	154,266.35

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: TN								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	228.28	-	-	-	-	-	-	-	-	-	228.28
Browns Creek	23,227.24	784.25	-	0.30	407.40	1.10	-	0.52	-	-	22,033.67
Bull Run Creek	743.87	-	-	-	-	-	-	-	-	-	743.87
Cooper Creek	6,269.58	248.61	-	0.03	119.24	0.59	-	-	-	-	5,901.11
Cub Creek	265.00	-	-	-	-	-	-	-	-	-	265.00
Cumberland River	106,630.88	20,464.47	-	0.61	2,275.47	3.63	-	5.45	-	-	83,881.24
Davidson Branch	3,830.34	90.71	-	0.02	29.81	-	-	-	-	-	3,709.80
Dry Creek	10,034.69	203.15	-	-	129.18	0.19	-	0.34	-	-	9,701.84
Ewing Creek	21,269.60	574.06	-	0.70	347.78	0.96	-	2.50	-	-	20,343.60
Gibson Creek	12,090.29	117.22	-	0.49	129.18	1.53	-	0.15	-	-	11,841.73
Gizzard Branch	4,748.81	110.46	-	0.00	29.81	-	-	0.82	-	-	4,607.71
Harpeth River	25,197.18	1,332.29	-	0.03	645.88	0.48	-	2.89	-	-	23,215.62
Indian Creek	693.12	-	-	-	-	-	-	-	-	-	693.12
Island Creek	190.94	-	-	-	-	-	-	-	-	-	190.94
Little Harpeth River	4,615.78	84.83	-	-	39.75	-	-	0.40	-	-	4,490.80
Loves Branch	4,395.83	32.42	-	-	39.75	0.08	-	-	-	-	4,323.58
Mansker Creek	6,931.56	68.13	-	-	-	-	-	-	-	-	6,863.42
Marrowbone Creek	5,355.38	12.32	-	-	-	-	-	-	-	-	5,343.06
Mill Creek Lower	73,808.68	976.56	-	0.77	1,261.94	3.85	-	16.03	-	-	71,549.53
Mill Creek Upper	26,653.48	590.18	-	0.09	377.59	2.56	-	11.93	-	-	25,671.13
Overall Creek	5,658.17	99.99	-	0.02	19.87	0.08	-	0.22	-	-	5,537.99
Pages Branch	8,794.13	184.73	-	0.21	149.05	0.21	-	0.36	-	-	8,459.56
Percy Priest Lake, Lower	25,954.87	333.56	-	0.03	804.86	0.07	-	0.27	-	-	24,816.10
Percy Priest Lake, Upper	20,963.73	639.51	-	0.03	109.30	-	-	2.13	-	-	20,212.77
Pond Creek	448.91	-	-	-	-	-	-	-	-	-	448.91
Richland Creek	30,991.15	3,499.24	-	0.30	695.56	1.30	-	2.36	-	-	26,792.38
Sevenmile Creek	32,032.18	481.72	-	1.16	745.24	2.88	-	3.12	-	-	30,798.06
South Harpeth River, Lower	2,458.01	9.63	-	-	29.81	-	-	-	-	-	2,418.57
Stoner Creek	21,248.82	2,025.41	-	0.26	596.19	0.26	-	2.25	-	-	18,624.44
Stones River	23,744.04	412.90	-	0.45	387.53	0.08	-	2.54	-	-	22,940.55
Sugartree Creek	8,466.58	234.71	-	0.65	168.92	0.03	-	0.33	-	-	8,061.93
Sulphur Creek	1,312.97	18.45	-	0.00	-	-	-	-	-	-	1,294.51
Sycamore Creek	9,102.14	13.97	-	0.21	-	-	-	0.19	-	-	9,087.77
Whites Creek	28,261.46	1,519.56	-	0.03	357.72	6.42	-	2.41	-	-	26,375.33
Sandy Creek	1,959.44	22.22	-	0.04	39.75	-	-	-	-	-	1,897.43
All Watersheds	558,577.15	35,185.29	-	6.44	9,936.57	26.31	-	57.20	-	-	513,365.35

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: Diss. P								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	116.71	-	-	-	-	-	-	-	-	-	116.71
Browns Creek	5,775.78	249.04	-	-	-	1.18	-	1.26	-	-	5,524.30
Bull Run Creek	337.00	-	-	-	-	-	-	-	-	-	337.00
Cooper Creek	2,449.00	134.78	-	-	-	0.10	-	-	-	-	2,314.12
Cub Creek	128.30	-	-	-	-	-	-	-	-	-	128.30
Cumberland River	33,030.28	4,941.80	-	-	-	1.64	-	15.02	-	-	28,071.82
Davidson Branch	1,237.08	24.12	-	-	-	-	-	-	-	-	1,212.96
Dry Creek	3,358.39	38.84	-	-	-	0.20	-	1.93	-	-	3,317.42
Ewing Creek	7,326.14	76.46	-	-	-	1.03	-	13.28	-	-	7,235.37
Gibson Creek	4,379.77	27.28	-	-	-	1.37	-	0.33	-	-	4,350.79
Gizzard Branch	1,068.80	18.09	-	-	-	-	-	1.80	-	-	1,048.91
Harpeth River	11,061.01	689.53	-	-	-	0.51	-	2.77	-	-	10,368.19
Indian Creek	366.94	-	-	-	-	-	-	-	-	-	366.94
Island Creek	51.79	-	-	-	-	-	-	-	-	-	51.79
Little Harpeth River	1,681.75	15.10	-	-	-	-	-	0.87	-	-	1,665.77
Loves Branch	1,629.86	5.72	-	-	-	0.09	-	-	-	-	1,624.06
Mansker Creek	2,818.29	10.15	-	-	-	-	-	-	-	-	2,808.14
Marrowbone Creek	2,678.99	1.51	-	-	-	-	-	-	-	-	2,677.48
Mill Creek Lower	22,105.01	144.43	-	-	-	3.58	-	20.56	-	-	21,936.43
Mill Creek Upper	11,392.47	151.61	-	-	-	0.17	-	17.63	-	-	11,223.06
Overall Creek	2,283.63	26.00	-	-	-	0.08	-	0.47	-	-	2,257.08
Pages Branch	2,725.07	20.29	-	-	-	0.23	-	1.16	-	-	2,703.39
Percy Priest Lake, Lower	12,104.99	159.79	-	-	-	0.07	-	0.58	-	-	11,944.56
Percy Priest Lake, Upper	8,004.94	146.58	-	-	-	-	-	14.93	-	-	7,843.43
Pond Creek	246.55	-	-	-	-	-	-	-	-	-	246.55
Richland Creek	9,873.34	846.88	-	-	-	1.39	-	4.05	-	-	9,021.02
Sevenmile Creek	12,804.10	144.16	-	-	-	3.10	-	6.75	-	-	12,650.09
South Harpeth River, Lower	1,202.11	3.21	-	-	-	-	-	-	-	-	1,198.90
Stoner Creek	8,403.50	349.56	-	-	-	0.28	-	4.87	-	-	8,048.78
Stones River	6,077.08	59.13	-	-	-	0.08	-	6.55	-	-	6,011.32
Sugartree Creek	2,894.83	54.35	-	-	-	0.03	-	0.73	-	-	2,839.72
Sulphur Creek	556.82	2.15	-	-	-	-	-	-	-	-	554.67
Sycamore Creek	4,481.02	4.62	-	-	-	-	-	0.41	-	-	4,475.99
Whites Creek	11,216.07	377.56	-	-	-	4.84	-	8.11	-	-	10,825.56
Sandy Creek	809.70	3.70	-	-	-	-	-	-	-	-	805.99
All Watersheds	196,677.10	8,726.44	-	-	-	20.00	-	124.04	-	-	187,806.62

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: Total P								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	172.80	-	-	-	-	-	-	-	-	-	172.80
Browns Creek	10,022.78	421.76	-	0.05	162.96	1.20	-	2.11	-	-	9,434.69
Bull Run Creek	517.70	-	-	-	-	-	-	-	-	-	517.70
Cooper Creek	3,840.44	193.22	-	0.00	47.70	0.10	-	-	-	-	3,599.42
Cub Creek	193.47	-	-	-	-	-	-	-	-	-	193.47
Cumberland River	54,543.54	8,244.72	-	0.11	910.19	1.67	-	23.73	-	-	45,363.11
Davidson Branch	2,070.60	42.72	-	0.00	11.92	-	-	-	-	-	2,015.95
Dry Creek	5,350.10	74.18	-	-	51.67	0.21	-	2.66	-	-	5,221.38
Ewing Creek	11,775.60	195.80	-	0.12	139.11	1.05	-	18.52	-	-	11,421.00
Gibson Creek	6,993.12	45.65	-	0.09	51.67	1.40	-	0.58	-	-	6,893.74
Gizzard Branch	1,983.64	33.75	-	0.00	11.92	-	-	3.12	-	-	1,934.84
Harpeth River	17,005.98	983.60	-	0.01	258.35	0.52	-	4.44	-	-	15,759.07
Indian Creek	544.00	-	-	-	-	-	-	-	-	-	544.00
Island Creek	95.37	-	-	-	-	-	-	-	-	-	95.37
Little Harpeth River	2,785.69	27.74	-	-	15.90	-	-	1.51	-	-	2,740.54
Loves Branch	2,643.14	13.31	-	-	15.90	0.09	-	-	-	-	2,613.84
Mansker Creek	4,373.63	20.26	-	-	-	-	-	-	-	-	4,353.37
Marrowbone Creek	4,041.25	2.93	-	-	-	-	-	-	-	-	4,038.32
Mill Creek Lower	35,728.30	319.37	-	0.14	504.78	3.65	-	31.77	-	-	34,868.58
Mill Creek Upper	17,427.83	275.04	-	0.02	151.04	0.18	-	28.58	-	-	16,972.98
Overall Creek	3,510.41	44.55	-	0.00	7.95	0.08	-	0.82	-	-	3,457.01
Pages Branch	4,462.59	55.45	-	0.04	59.62	0.23	-	1.79	-	-	4,345.45
Percy Priest Lake, Lower	18,755.45	261.52	-	0.00	321.94	0.07	-	1.00	-	-	18,170.91
Percy Priest Lake, Upper	12,371.65	306.85	-	0.00	43.72	-	-	19.94	-	-	12,001.14
Pond Creek	359.78	-	-	-	-	-	-	-	-	-	359.78
Richland Creek	16,340.81	1,306.60	-	0.05	278.22	1.42	-	6.92	-	-	14,747.60
Sevenmile Creek	19,960.22	241.37	-	0.21	298.10	3.16	-	11.75	-	-	19,405.64
South Harpeth River, Lower	1,846.57	4.62	-	-	11.92	-	-	-	-	-	1,830.03
Stoner Creek	13,152.61	517.97	-	0.05	238.48	0.29	-	8.49	-	-	12,387.34
Stones River	10,724.23	141.83	-	0.08	155.01	0.09	-	10.79	-	-	10,416.43
Sugartree Creek	4,756.72	91.08	-	0.12	67.57	0.03	-	1.27	-	-	4,596.66
Sulphur Creek	870.03	5.57	-	0.00	-	-	-	-	-	-	864.46
Sycamore Creek	6,750.52	8.05	-	0.04	-	-	-	0.71	-	-	6,741.73
Whites Creek	17,638.75	584.01	-	0.00	143.09	4.92	-	12.43	-	-	16,894.30
Sandy Creek	1,241.00	8.17	-	0.01	15.90	-	-	-	-	-	1,216.92
All Watersheds	314,850.33	14,471.68	-	1.15	3,974.63	20.35	-	192.95	-	-	296,189.57

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: Pb								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	7.38	-	-	-	-	-	-	-	-	-	7.38
Browns Creek	68.87	1.83	-	0.00	11.79	-	-	0.78	0.13	-	54.33
Bull Run Creek	8.72	-	-	-	-	-	-	-	-	-	8.72
Cooper Creek	19.73	0.35	-	0.00	3.45	1.84	-	0.03	-	-	14.05
Cub Creek	7.44	-	-	-	-	-	-	-	-	-	7.44
Cumberland River	284.45	51.47	-	0.00	65.87	7.83	-	7.27	1.89	-	150.10
Davidson Branch	16.88	0.23	-	0.00	0.86	-	-	0.12	-	-	15.67
Dry Creek	27.50	0.61	-	-	3.74	-	-	0.52	-	-	22.64
Ewing Creek	58.22	1.75	-	0.00	10.07	-	-	4.24	-	-	42.17
Gibson Creek	30.70	0.28	-	0.00	3.74	0.92	-	0.20	-	-	25.56
Gizzard Branch	14.85	0.31	-	0.00	0.86	-	-	1.01	-	-	12.66
Harpeth River	72.77	2.13	-	0.00	18.70	-	-	1.82	-	-	50.12
Indian Creek	8.10	-	-	-	-	-	-	-	-	-	8.10
Island Creek	7.64	-	-	-	-	-	-	-	-	-	7.64
Little Harpeth River	17.49	0.21	-	-	1.15	-	-	0.75	-	-	15.38
Loves Branch	14.44	0.11	-	-	1.15	-	-	-	-	-	13.17
Mansker Creek	18.29	0.17	-	-	-	-	-	-	-	-	18.12
Marrowbone Creek	13.20	0.04	-	-	-	-	-	-	-	-	13.16
Mill Creek Lower	187.90	2.88	-	0.00	36.53	1.94	-	4.32	0.19	-	142.05
Mill Creek Upper	62.40	1.47	-	0.00	10.93	8.94	-	8.46	-	-	32.60
Overall Creek	18.28	0.27	-	0.00	0.58	-	-	0.97	-	-	16.46
Pages Branch	28.94	0.63	-	0.00	4.31	-	-	0.59	1.14	-	22.27
Percy Priest Lake, Lower	72.44	0.67	-	0.00	23.30	-	-	1.39	-	-	47.08
Percy Priest Lake, Upper	46.10	2.09	-	0.00	3.16	-	-	4.46	-	-	36.39
Pond Creek	7.68	-	-	-	-	-	-	-	-	-	7.68
Richland Creek	92.38	10.80	-	0.00	20.14	-	-	2.29	-	-	59.15
Sevenmile Creek	84.91	1.12	-	0.00	21.57	-	-	4.34	-	-	57.88
South Harpeth River, Lower	12.60	0.02	-	-	0.86	-	-	0.49	-	-	11.24
Stoner Creek	60.30	3.84	-	0.00	17.26	-	-	2.88	-	-	36.33
Stones River	66.65	1.23	-	0.00	11.22	-	-	4.04	-	-	50.16
Sugartree Creek	28.45	0.61	-	0.00	4.89	-	-	0.47	-	-	22.48
Sulphur Creek	9.92	0.06	-	0.00	-	-	-	-	-	-	9.86
Sycamore Creek	20.62	0.04	-	0.00	-	-	-	0.23	-	-	20.35
Whites Creek	71.43	5.07	-	0.00	10.36	7.06	-	9.79	-	-	39.16
Sandy Creek	11.77	0.05	-	0.00	1.15	-	-	-	-	-	10.57
All Watersheds	1,579.44	90.34	-	0.00	287.65	28.53	-	61.45	3.35	-	1,108.12

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: Ni								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	8.88	-	-	-	-	-	-	-	-	-	8.88
Browns Creek	87.16	2.16	-	0.00	7.53	-	-	7.02	-	-	70.45
Bull Run Creek	9.99	-	-	-	-	-	-	-	-	-	9.99
Cooper Creek	16.90	0.29	-	0.00	2.20	-	-	0.38	-	-	14.02
Cub Creek	9.01	-	-	-	-	-	-	-	-	-	9.01
Cumberland River	314.47	89.08	-	0.00	42.07	-	-	83.99	-	-	99.32
Davidson Branch	17.11	0.40	-	0.00	0.55	-	-	1.53	-	-	14.63
Dry Creek	31.61	1.09	-	-	2.39	-	-	8.94	-	-	19.19
Ewing Creek	58.33	2.41	-	0.00	6.43	-	-	67.96	-	-	-
Gibson Creek	28.20	0.55	-	0.00	2.39	-	-	1.52	-	-	23.74
Gizzard Branch	17.22	0.57	-	0.00	0.55	-	-	7.70	-	-	8.41
Harpeth River	55.95	2.56	-	0.00	11.94	-	-	43.76	-	-	-
Indian Creek	9.76	-	-	-	-	-	-	-	-	-	9.76
Island Creek	9.15	-	-	-	-	-	-	-	-	-	9.15
Little Harpeth River	21.68	0.42	-	-	0.73	-	-	7.09	-	-	13.43
Loves Branch	15.71	0.14	-	-	0.73	-	-	-	-	-	14.83
Mansker Creek	21.36	0.31	-	-	-	-	-	-	-	-	21.04
Marrowbone Creek	16.20	0.08	-	-	-	-	-	-	-	-	16.11
Mill Creek Lower	220.54	4.36	-	0.00	23.33	-	-	163.18	-	-	29.67
Mill Creek Upper	54.17	2.41	-	0.00	6.98	-	-	150.64	-	-	-
Overall Creek	19.24	0.49	-	0.00	0.37	-	-	11.20	-	-	7.18
Pages Branch	31.38	0.79	-	0.00	2.76	-	-	6.76	-	-	21.07
Percy Priest Lake, Lower	73.47	1.59	-	0.00	14.88	-	-	16.27	-	-	40.73
Percy Priest Lake, Upper	67.42	3.06	-	0.00	2.02	-	-	83.26	-	-	-
Pond Creek	9.17	-	-	-	-	-	-	-	-	-	9.17
Richland Creek	90.51	24.41	-	0.00	12.86	-	-	26.40	-	-	26.84
Sevenmile Creek	71.21	2.52	-	0.00	13.78	-	-	34.40	-	-	20.51
South Harpeth River, Lower	14.97	0.03	-	-	0.55	-	-	6.35	-	-	8.03
Stoner Creek	47.59	10.61	-	0.00	11.02	-	-	21.48	-	-	4.48
Stones River	73.68	1.70	-	0.00	7.16	-	-	38.58	-	-	26.24
Sugartree Creek	25.90	1.24	-	0.00	3.12	-	-	3.94	-	-	17.59
Sulpher Creek	11.62	0.09	-	0.00	-	-	-	-	-	-	11.53
Sycamore Creek	21.74	0.09	-	0.00	-	-	-	1.75	-	-	19.90
Whites Creek	70.32	11.30	-	0.00	6.61	-	-	121.75	-	-	-
Sandy Creek	12.32	0.08	-	0.00	0.73	-	-	-	-	-	11.50
All Watersheds	1,663.90	164.85	-	0.00	183.71	-	-	915.87	-	-	616.40

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: Zn								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	253.10	-	-	-	-	-	-	-	-	-	253.10
Browns Creek	1,467.11	60.91	-	0.00	32.42	82.26	-	-	0.79	-	1,290.72
Bull Run Creek	277.54	-	-	-	-	-	-	-	-	-	277.54
Cooper Creek	474.37	10.66	-	0.00	9.49	122.12	-	-	-	-	332.11
Cub Creek	255.18	-	-	-	-	-	-	-	-	-	255.18
Cumberland River	6,216.29	1,191.37	-	0.00	181.06	601.75	-	-	11.36	-	4,230.74
Davidson Branch	477.72	5.85	-	0.00	2.37	-	-	-	-	-	469.50
Dry Creek	675.76	16.99	-	-	10.28	14.02	-	-	-	-	634.46
Ewing Creek	1,310.88	57.21	-	0.00	27.67	72.37	-	-	-	-	1,153.62
Gibson Creek	841.83	7.07	-	0.00	10.28	152.22	-	-	-	-	672.25
Gizzard Branch	469.46	7.36	-	0.00	2.37	-	-	-	-	-	459.73
Harpeth River	1,519.96	60.30	-	0.00	51.39	35.91	-	-	-	-	1,372.36
Indian Creek	270.33	-	-	-	-	-	-	-	-	-	270.33
Island Creek	254.84	-	-	-	-	-	-	-	-	-	254.84
Little Harpeth River	490.43	4.91	-	-	3.16	-	-	-	-	-	482.36
Loves Branch	365.17	2.89	-	-	3.16	5.82	-	-	-	-	353.30
Mansker Creek	462.90	5.43	-	-	-	-	-	-	-	-	457.47
Marrowbone Creek	347.79	0.97	-	-	-	-	-	-	-	-	346.82
Mill Creek Lower	4,239.72	89.98	-	0.00	100.41	374.38	-	-	1.11	-	3,673.84
Mill Creek Upper	1,481.10	42.71	-	0.00	30.05	570.50	-	-	-	-	837.85
Overall Creek	536.52	6.69	-	0.00	1.58	5.85	-	-	-	-	522.39
Pages Branch	760.29	21.38	-	0.00	11.86	15.82	-	-	6.84	-	704.39
Percy Priest Lake, Lower	1,257.23	13.12	-	0.00	64.04	5.88	-	-	-	-	1,174.19
Percy Priest Lake, Upper	1,068.97	62.95	-	0.00	8.70	-	-	-	-	-	997.33
Pond Creek	260.69	-	-	-	-	-	-	-	-	-	260.69
Richland Creek	2,064.39	227.17	-	0.00	55.35	98.22	-	-	-	-	1,683.66
Sevenmile Creek	1,838.05	25.88	-	0.00	59.30	212.11	-	-	-	-	1,540.76
South Harpeth River, Lower	339.60	0.38	-	-	2.37	-	-	-	-	-	336.84
Stoner Creek	1,296.20	85.97	-	0.00	47.44	19.34	-	-	-	-	1,143.45
Stones River	1,652.68	38.31	-	0.00	30.84	5.75	-	-	-	-	1,577.79
Sugartree Creek	768.31	13.83	-	0.00	13.44	2.38	-	-	-	-	738.67
Sulphur Creek	304.76	1.93	-	0.00	-	-	-	-	-	-	302.83
Sycamore Creek	520.42	0.90	-	0.00	-	-	-	-	-	-	519.52
Whites Creek	1,579.22	107.20	-	0.00	28.46	781.56	-	-	-	-	661.99
Sandy Creek	344.75	1.84	-	0.00	3.16	-	-	-	-	-	339.75
All Watersheds	36,743.58	2,172.17	-	0.00	790.67	3,178.26	-	-	20.10	-	30,582.38

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: Cr								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	6.66	-	-	-	-	-	-	-	-	-	6.66
Browns Creek	67.62	1.37	-	0.00	8.38	-	-	7.52	-	-	50.34
Bull Run Creek	8.56	-	-	-	-	-	-	-	-	-	8.56
Cooper Creek	20.61	0.39	-	0.00	2.45	-	-	0.08	-	-	17.69
Cub Creek	6.73	-	-	-	-	-	-	-	-	-	6.73
Cumberland River	277.25	41.49	-	0.00	46.81	-	-	75.42	-	-	113.53
Davidson Branch	17.28	0.18	-	0.00	0.61	-	-	0.32	-	-	16.16
Dry Creek	27.49	0.35	-	-	2.66	-	-	6.50	-	-	17.98
Ewing Creek	60.86	1.15	-	0.00	7.15	-	-	47.98	-	-	4.58
Gibson Creek	31.12	0.16	-	0.00	2.66	-	-	2.07	-	-	26.23
Gizzard Branch	13.10	0.21	-	0.00	0.61	-	-	11.05	-	-	1.22
Harpeth River	79.22	2.08	-	0.00	13.29	-	-	10.95	-	-	52.91
Indian Creek	7.74	-	-	-	-	-	-	-	-	-	7.74
Island Creek	6.99	-	-	-	-	-	-	-	-	-	6.99
Little Harpeth River	18.37	0.12	-	-	0.82	-	-	6.07	-	-	11.35
Loves Branch	15.95	0.09	-	-	0.82	-	-	-	-	-	15.03
Mansker Creek	21.76	0.11	-	-	-	-	-	-	-	-	21.65
Marrowbone Creek	16.73	0.02	-	-	-	-	-	-	-	-	16.71
Mill Creek Lower	177.94	1.73	-	0.00	25.96	-	-	61.95	-	-	88.29
Mill Creek Upper	68.47	0.93	-	0.00	7.77	-	-	79.70	-	-	-
Overall Creek	19.06	0.18	-	0.00	0.41	-	-	4.83	-	-	13.65
Pages Branch	27.30	0.33	-	0.00	3.07	-	-	5.74	-	-	18.16
Percy Priest Lake, Lower	83.10	0.86	-	0.00	16.56	-	-	6.48	-	-	59.20
Percy Priest Lake, Upper	51.73	1.45	-	0.00	2.25	-	-	48.62	-	-	-
Pond Creek	7.12	-	-	-	-	-	-	-	-	-	7.12
Richland Creek	92.16	6.47	-	0.00	14.31	-	-	22.78	-	-	48.60
Sevenmile Creek	88.58	0.92	-	0.00	15.33	-	-	42.89	-	-	29.43
South Harpeth River, Lower	13.79	0.01	-	-	0.61	-	-	1.34	-	-	11.82
Stoner Creek	61.02	2.30	-	0.00	12.26	-	-	30.27	-	-	16.18
Stones River	62.91	0.80	-	0.00	7.97	-	-	37.91	-	-	16.22
Sugartree Creek	27.37	0.41	-	0.00	3.47	-	-	4.65	-	-	18.84
Sulphur Creek	10.10	0.04	-	0.00	-	-	-	-	-	-	10.07
Sycamore Creek	26.89	0.03	-	0.00	-	-	-	2.51	-	-	24.35
Whites Creek	81.60	2.99	-	0.00	7.36	-	-	55.15	-	-	16.10
Sandy Creek	11.25	0.04	-	0.00	0.82	-	-	-	-	-	10.40
All Watersheds	1,614.42	67.21	-	0.00	204.41	-	-	572.82	-	-	790.50

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: Cu								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	28.40	-	-	-	-	-	-	-	-	-	28.40
Browns Creek	211.31	5.96	-	0.00	8.68	1.67	-	6.77	0.13	-	188.09
Bull Run Creek	33.23	-	-	-	-	-	-	-	-	-	33.23
Cooper Creek	67.08	1.13	-	0.00	2.54	12.81	-	-	-	-	50.61
Cub Creek	28.66	-	-	-	-	-	-	-	-	-	28.66
Cumberland River	882.56	117.80	-	0.00	48.49	56.14	-	61.88	1.89	-	596.35
Davidson Branch	64.03	0.60	-	0.00	0.64	-	-	-	-	-	62.79
Dry Creek	91.22	1.44	-	-	2.75	0.29	-	4.34	-	-	82.39
Ewing Creek	191.34	6.19	-	0.00	7.41	1.46	-	32.12	-	-	144.16
Gibson Creek	114.55	0.50	-	0.00	2.75	8.25	-	1.99	-	-	101.05
Gizzard Branch	59.45	0.69	-	0.00	0.64	-	-	10.60	-	-	47.52
Harpeth River	228.22	5.68	-	0.00	13.76	0.73	-	4.06	-	-	204.00
Indian Creek	31.06	-	-	-	-	-	-	-	-	-	31.06
Island Creek	29.28	-	-	-	-	-	-	-	-	-	29.28
Little Harpeth River	64.82	0.36	-	-	0.85	-	-	5.15	-	-	58.46
Loves Branch	52.11	0.36	-	-	0.85	0.12	-	-	-	-	50.79
Mansker Creek	67.04	0.51	-	-	-	-	-	-	-	-	66.53
Marrowbone Creek	49.00	0.07	-	-	-	-	-	-	-	-	48.93
Mill Creek Lower	576.60	8.32	-	0.00	26.89	18.37	-	37.75	0.19	-	485.09
Mill Creek Upper	211.96	3.29	-	0.00	8.05	61.70	-	58.47	-	-	80.45
Overall Creek	69.15	0.54	-	0.00	0.42	0.12	-	2.76	-	-	65.31
Pages Branch	99.05	1.83	-	0.00	3.18	0.32	-	4.58	1.14	-	88.01
Percy Priest Lake, Lower	200.97	1.69	-	0.00	17.15	0.10	-	3.46	-	-	178.56
Percy Priest Lake, Upper	147.72	6.44	-	0.00	2.33	-	-	27.17	-	-	111.78
Pond Creek	29.50	-	-	-	-	-	-	-	-	-	29.50
Richland Creek	298.31	17.25	-	0.00	14.82	1.98	-	20.05	-	-	244.21
Sevenmile Creek	268.20	2.28	-	0.00	15.88	4.36	-	40.58	-	-	205.10
South Harpeth River, Lower	44.32	0.03	-	-	0.64	-	-	-	-	-	43.66
Stoner Creek	187.34	6.26	-	0.00	12.70	0.40	-	29.32	-	-	138.65
Stones River	230.08	4.01	-	0.00	8.26	0.12	-	33.06	-	-	184.64
Sugartree Creek	102.33	1.11	-	0.00	3.60	0.05	-	4.29	-	-	93.28
Sulphur Creek	37.61	0.20	-	0.00	-	-	-	-	-	-	37.41
Sycamore Creek	77.56	0.07	-	0.00	-	-	-	2.41	-	-	75.08
Whites Creek	241.07	8.11	-	0.00	7.62	55.41	-	31.10	-	-	138.82
Sandy Creek	41.97	0.18	-	0.00	0.85	-	-	-	-	-	40.94
All Watersheds	5,157.09	202.89	-	0.00	211.73	224.39	-	421.91	3.35	-	4,092.82

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: O&G								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	504.49	-	-	-	-	-	-	-	-	-	504.49
Browns Creek	56,918.57	1,053.89	-	0.52	192.11	-	-	9.17	6.46	-	55,656.42
Bull Run Creek	2,151.74	-	-	-	-	-	-	-	-	-	2,151.74
Cooper Creek	12,193.33	193.50	-	0.04	56.23	-	-	0.22	-	-	11,943.33
Cub Creek	580.38	-	-	-	-	-	-	-	-	-	580.38
Cumberland River	213,536.52	37,717.30	-	1.06	1,073.01	-	-	93.64	92.78	1.77	174,556.96
Davidson Branch	9,594.84	173.30	-	0.04	14.06	-	-	0.87	-	-	9,406.58
Dry Creek	19,518.87	359.75	-	-	60.91	-	-	7.96	-	4.13	19,086.11
Ewing Creek	44,835.44	1,212.81	-	1.21	164.00	-	-	60.52	-	0.92	43,395.98
Gibson Creek	21,089.40	146.32	-	0.84	60.91	-	-	2.40	-	2.76	20,876.16
Gizzard Branch	9,249.98	211.93	-	0.00	14.06	-	-	12.65	-	-	9,011.34
Harpeth River	46,804.63	1,142.96	-	0.05	304.56	-	-	22.11	-	-	45,334.94
Indian Creek	1,359.31	-	-	-	-	-	-	-	-	-	1,359.31
Island Creek	942.39	-	-	-	-	-	-	-	-	-	942.39
Little Harpeth River	11,124.17	123.54	-	-	18.74	-	-	8.05	-	0.49	10,973.35
Loves Branch	10,865.42	92.17	-	-	18.74	-	-	-	-	-	10,754.51
Mansker Creek	16,329.30	120.44	-	-	-	-	-	-	-	0.92	16,207.95
Marrowbone Creek	11,297.05	18.67	-	-	-	-	-	-	-	-	11,278.38
Mill Creek Lower	138,915.59	1,732.52	-	1.34	595.07	-	-	92.23	9.07	0.22	136,485.14
Mill Creek Upper	45,334.75	766.52	-	0.15	178.05	-	-	113.83	-	-	44,276.20
Overall Creek	10,357.37	152.04	-	0.04	9.37	-	-	8.53	-	-	10,187.39
Pages Branch	16,573.39	301.84	-	0.37	70.28	-	-	7.25	55.84	-	16,137.80
Percy Priest Lake, Lower	54,350.66	899.14	-	0.04	379.53	-	-	11.93	-	-	53,060.02
Percy Priest Lake, Upper	43,289.47	1,405.38	-	0.05	51.54	-	-	64.55	-	-	41,767.96
Pond Creek	812.39	-	-	-	-	-	-	-	-	-	812.39
Richland Creek	65,312.07	7,397.97	-	0.53	327.99	-	-	28.76	-	-	57,556.82
Sevenmile Creek	56,751.45	985.88	-	2.01	351.42	-	-	50.82	-	0.48	55,360.85
South Harpeth River, Lower	6,311.01	11.09	-	-	14.06	-	-	3.62	-	-	6,282.24
Stoner Creek	36,258.43	3,073.23	-	0.45	281.14	-	-	34.79	-	1.38	32,867.43
Stones River	50,782.25	800.99	-	0.78	182.74	-	-	47.03	-	-	49,750.71
Sugartree Creek	15,273.36	407.34	-	1.13	79.66	-	-	5.60	-	-	14,779.64
Sulphur Creek	3,623.86	38.89	-	0.00	-	-	-	-	-	-	3,584.96
Sycamore Creek	19,245.69	31.13	-	0.36	-	-	-	2.87	-	-	19,211.32
Whites Creek	61,481.85	3,417.22	-	0.04	168.68	-	-	92.30	-	-	57,803.60
Sandy Creek	3,479.99	36.85	-	0.08	18.74	-	-	-	-	-	3,424.33
All Watersheds	1,117,049.41	64,024.60	-	11.15	4,685.61	-	-	781.70	164.15	13.06	1,047,369.13

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: TSS								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	6,681.45	-	2,929.82	-	-	-	-	-	-	-	3,751.63
Browns Creek	660,544.84	19,535.74	740,912.99	743.12	48,887.92	-	-	73.68	806.66	-	-
Bull Run Creek	26,413.42	-	-	-	-	-	-	-	-	-	26,413.42
Cooper Creek	175,579.89	3,935.94	101,382.29	0.12	14,308.66	5.76	-	0.88	-	-	55,946.24
Cub Creek	7,409.73	-	1,785.43	-	-	-	-	-	-	-	5,624.29
Cumberland River	2,769,121.30	438,543.38	4,281,501.34	5,194.61	273,056.94	24.47	-	692.67	11,588.45	220.86	-
Davidson Branch	121,910.13	2,045.09	65,875.13	0.10	3,577.17	-	-	3.54	-	-	50,409.11
Dry Creek	247,040.62	4,373.54	68,852.39	-	15,501.05	-	-	47.87	-	516.14	157,749.64
Ewing Creek	587,082.98	15,778.54	194,160.25	2,228.36	41,733.59	-	-	368.23	-	114.83	332,699.18
Gibson Creek	295,539.41	1,980.13	253,289.77	2.33	15,501.05	2.87	-	20.73	-	344.50	24,398.03
Gizzard Branch	114,550.17	2,570.98	90,399.01	0.01	3,577.17	-	-	110.01	-	-	17,893.00
Harpeth River	709,875.04	20,504.31	220,227.47	741.81	77,505.25	-	-	96.27	-	-	390,799.94
Indian Creek	17,298.48	-	-	-	-	-	-	-	-	-	17,298.48
Island Creek	10,636.02	-	-	-	-	-	-	-	-	-	10,636.02
Little Harpeth River	130,319.45	1,640.64	14,259.00	-	4,769.55	-	-	61.16	-	60.89	109,528.20
Loves Branch	132,996.52	1,092.99	149,388.41	741.67	4,769.55	-	-	-	-	-	-
Mansker Creek	192,290.67	1,443.57	44,480.95	-	-	-	-	-	-	114.83	146,251.32
Marrowbone Creek	135,315.30	222.77	26,704.29	1,483.33	-	-	-	-	-	-	106,904.90
Mill Creek Lower	1,765,779.20	25,711.26	496,267.36	2,970.37	151,433.33	6.06	-	481.19	1,133.06	26.89	1,087,749.70
Mill Creek Upper	653,940.85	12,689.18	1,546,059.03	742.08	45,310.76	27.94	-	728.98	-	-	-
Overall Creek	137,158.75	2,120.28	5,906.60	0.10	2,384.78	-	-	49.89	-	-	126,697.10
Pages Branch	220,186.46	6,484.15	88,301.59	742.70	17,885.83	-	-	52.00	6,973.95	-	99,746.25
Percy Priest Lake, Lower	744,340.54	8,765.85	117,993.38	0.12	96,583.46	-	-	67.47	-	-	520,930.26
Percy Priest Lake, Upper	486,668.00	18,105.10	172,031.92	1,483.46	13,116.27	-	-	340.02	-	-	281,591.23
Pond Creek	11,046.59	-	-	-	-	-	-	-	-	-	11,046.59
Richland Creek	876,708.98	59,990.54	738,530.86	1,484.80	83,467.19	-	-	222.66	-	-	-
Sevenmile Creek	840,710.43	10,227.51	530,867.42	747.24	89,429.13	-	-	430.09	-	59.53	208,949.50
South Harpeth River, Lower	76,050.51	108.46	3,424.12	2,225.00	3,577.17	-	-	14.66	-	-	66,701.11
Stoner Creek	564,164.91	21,223.65	2,488,225.66	1,484.59	71,543.30	-	-	302.93	-	172.83	-
Stones River	638,825.43	11,758.08	811,892.15	2.15	46,503.15	-	-	366.00	-	-	-
Sugartree Creek	223,509.02	4,459.31	178,486.61	3.13	20,270.60	-	-	46.46	-	-	20,242.90
Sulphur Creek	42,711.40	490.24	-	0.01	-	-	-	-	-	-	42,221.14
Sycamore Creek	240,529.44	320.44	62,965.36	742.68	-	-	-	25.00	-	-	176,475.96
Whites Creek	795,881.37	27,269.36	198,209.70	2,225.12	42,925.98	22.07	-	526.27	-	-	524,702.86
Sandy Creek	51,669.01	517.41	49,546.56	0.21	4,769.55	-	-	-	-	-	-
All Watersheds	14,710,486.32	723,908.46	13,744,856.86	25,989.24	1,192,388.40	89.16	-	5,128.64	20,502.12	1,631.30	4,623,358.01

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: TDS								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (pounds)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	29,440.47	-	-	-	-	-	-	-	-	-	29,440.47
Browns Creek	2,578,467.94	54,138.33	-	-	-	-	-	531.53	-	-	2,523,798.08
Bull Run Creek	108,798.52	-	-	-	-	-	-	-	-	-	108,798.52
Cooper Creek	645,916.26	19,635.72	-	-	-	-	-	7.10	-	-	626,273.44
Cub Creek	33,567.88	-	-	-	-	-	-	-	-	-	33,567.88
Cumberland River	10,657,265.93	1,602,741.86	-	-	-	-	-	5,962.64	-	-	9,048,561.43
Davidson Branch	437,537.22	7,057.68	-	-	-	-	-	28.59	-	-	430,450.95
Dry Creek	1,016,606.46	10,533.40	-	-	-	-	-	678.94	-	-	1,005,394.13
Ewing Creek	2,259,557.06	33,448.44	-	-	-	-	-	4,827.37	-	-	2,221,281.25
Gibson Creek	1,122,809.29	7,244.10	-	-	-	-	-	137.51	-	-	1,115,427.67
Gizzard Branch	398,930.16	8,455.06	-	-	-	-	-	731.29	-	-	389,743.81
Harpeth River	2,679,382.56	99,658.24	-	-	-	-	-	1,267.88	-	-	2,578,456.45
Indian Creek	87,863.24	-	-	-	-	-	-	-	-	-	87,863.24
Island Creek	36,963.23	-	-	-	-	-	-	-	-	-	36,963.23
Little Harpeth River	568,626.54	6,122.71	-	-	-	-	-	417.43	-	-	562,086.39
Loves Branch	542,511.47	2,353.27	-	-	-	-	-	-	-	-	540,158.20
Mansker Creek	870,717.19	4,690.35	-	-	-	-	-	-	-	-	866,026.84
Marrowbone Creek	698,636.77	646.81	-	-	-	-	-	-	-	-	697,989.96
Mill Creek Lower	7,026,841.09	57,449.96	-	-	-	-	-	7,140.16	-	-	6,962,250.98
Mill Creek Upper	2,687,782.27	36,166.33	-	-	-	-	-	7,090.75	-	-	2,644,525.19
Overall Creek	582,610.81	5,896.97	-	-	-	-	-	362.23	-	-	576,351.61
Pages Branch	826,310.60	9,524.19	-	-	-	-	-	468.14	-	-	816,318.27
Percy Priest Lake, Lower	3,234,871.48	49,678.46	-	-	-	-	-	493.16	-	-	3,184,699.86
Percy Priest Lake, Upper	2,449,509.31	32,916.49	-	-	-	-	-	5,414.39	-	-	2,411,178.42
Pond Creek	54,598.14	-	-	-	-	-	-	-	-	-	54,598.14
Richland Creek	3,168,810.71	201,388.47	-	-	-	-	-	1,674.02	-	-	2,965,748.22
Sevenmile Creek	3,181,362.02	49,237.23	-	-	-	-	-	2,863.01	-	-	3,129,261.78
South Harpeth River, Lower	358,823.60	787.96	-	-	-	-	-	118.47	-	-	357,917.16
Stoner Creek	2,025,248.70	168,922.39	-	-	-	-	-	2,005.38	-	-	1,854,320.94
Stones River	2,287,846.19	25,051.96	-	-	-	-	-	2,769.16	-	-	2,260,025.07
Sugartree Creek	771,452.82	16,790.51	-	-	-	-	-	311.84	-	-	754,350.47
Sulphur Creek	185,090.23	920.59	-	-	-	-	-	-	-	-	184,169.64
Sycamore Creek	1,154,902.68	918.50	-	-	-	-	-	166.18	-	-	1,153,818.00
Whites Creek	3,268,401.35	78,782.57	-	-	-	-	-	4,637.99	-	-	3,184,980.78
Sandy Creek	197,201.33	1,423.56	-	-	-	-	-	-	-	-	195,777.78
All Watersheds	58,235,261.52	2,592,582.11	-	-	-	-	-	50,105.16	-	-	55,592,574.25

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year

Watershed	Baseline	SCM Load ¹	Pollutant: E. coli								Net Pollutant Load from Watershed (ac-ft)
			Removal by MWS Control Measure Implementation during FY25 (MPN e9)								
			Construction Inspection Load ²	Illicit Discharge Load ²	Street Sweeping Load ²	Home Buyout Load ¹	Tree Planting Load ¹	Stream Buffer Load ¹	Industrial Inspection Load ²	Field Screening Load ²	
Back Creek	6,484.66	-	-	-	-	-	-	-	-	-	6,484.66
Browns Creek	227,991.42	15,690.73	-	272.55	2,976.77	0.00	-	0.00	-	-	209,051.38
Bull Run Creek	17,104.88	-	-	-	-	-	-	-	-	-	17,104.88
Cooper Creek	138,944.91	8,971.65	-	22.71	871.25	0.00	-	-	-	-	129,079.30
Cub Creek	6,929.13	-	-	-	-	-	-	-	-	-	6,929.13
Cumberland River	1,654,781.31	212,161.87	-	550.78	16,626.32	0.00	-	0.00	-	-	1,425,442.34
Davidson Branch	62,475.26	1,477.58	-	18.93	217.81	-	-	-	-	-	60,760.94
Dry Creek	172,629.50	2,002.63	-	-	943.85	0.00	-	0.00	-	-	169,683.02
Ewing Creek	381,545.30	3,487.38	-	630.65	2,541.14	0.00	-	0.00	-	-	374,886.12
Gibson Creek	249,020.00	1,756.78	-	437.59	943.85	0.00	-	0.00	-	-	245,881.77
Gizzard Branch	51,940.79	614.17	-	1.89	217.81	-	-	0.00	-	-	51,106.91
Harpeth River	638,822.74	44,501.61	-	26.50	4,719.26	0.00	-	0.00	-	-	589,575.37
Indian Creek	20,068.40	-	-	-	-	-	-	-	-	-	20,068.40
Island Creek	1,283.05	-	-	-	-	-	-	-	-	-	1,283.05
Little Harpeth River	78,077.92	912.52	-	-	290.42	-	-	0.00	-	-	76,874.98
Loves Branch	79,761.49	333.31	-	-	290.42	0.00	-	-	-	-	79,137.77
Mansker Creek	140,672.42	323.04	-	-	-	-	-	-	-	-	140,349.39
Marrowbone Creek	139,981.31	56.61	-	-	-	-	-	-	-	-	139,924.70
Mill Creek Lower	1,115,027.10	7,269.01	-	695.00	9,220.71	0.00	-	0.00	-	-	1,097,842.37
Mill Creek Upper	654,281.60	12,937.83	-	77.60	2,758.95	0.00	-	0.00	-	-	638,507.21
Overall Creek	127,494.99	1,688.89	-	18.93	145.21	0.00	-	0.00	-	-	125,641.96
Pages Branch	143,712.35	837.35	-	193.06	1,089.06	0.00	-	0.00	-	-	141,592.89
Percy Priest Lake, Lower	635,896.31	7,872.20	-	22.71	5,880.93	0.00	-	0.00	-	-	622,120.47
Percy Priest Lake, Upper	383,565.27	9,804.30	-	24.61	798.64	-	-	0.00	-	-	372,937.72
Pond Creek	14,048.62	-	-	-	-	-	-	-	-	-	14,048.62
Richland Creek	511,017.11	26,926.99	-	274.44	5,082.28	0.00	-	0.00	-	-	478,733.40
Sevenmile Creek	731,326.24	6,779.96	-	1,045.53	5,445.30	0.00	-	0.00	-	-	718,055.45
South Harpeth River, Lower	59,237.03	189.96	-	-	217.81	-	-	-	-	-	58,829.26
Stoner Creek	490,459.66	8,347.10	-	234.70	4,356.24	0.00	-	0.00	-	-	477,521.62
Stones River	287,809.93	3,310.85	-	403.52	2,831.56	0.00	-	0.00	-	-	281,264.00
Sugartree Creek	165,153.14	2,918.09	-	587.12	1,234.27	0.00	-	0.00	-	-	160,413.67
Sulphur Creek	27,038.86	73.99	-	1.89	-	-	-	-	-	-	26,962.98
Sycamore Creek	240,938.05	261.75	-	189.27	-	-	-	0.00	-	-	240,487.03
Whites Creek	588,836.32	11,101.24	-	22.71	2,613.74	0.00	-	0.00	-	-	575,098.62
Sandy Creek	46,772.05	292.42	-	39.75	290.42	-	-	-	-	-	46,149.46
All Watersheds	10,291,129.12	392,901.83	-	5,792.44	72,604.03	0.00	-	0.00	-	-	9,819,830.83

Based on average annual rainfall conditions: (1) – Accounts for all control measures implemented in watershed thru end of FY (2) – Based on control measures implemented during the fiscal year