

Knox County Pollution Prevention/Good Housekeeping Plan

Introduction

In response to the 2003 permit, Knox County has developed a pollution prevention / good housekeeping (PPGH) program. The program is currently in place and has the goal of preventing or reducing pollutant runoff from municipal operations. Knox County's operation and maintenance plans for municipal facilities are in the format of Stormwater Pollution Prevention Plans (SWPPPs). Requirements for the PPGH program can be found in the most recent TDEC Small MS4 General Permit. To meet these requirements, Knox County has an employee training program as detailed in the PIE plan and an operation and maintenance (O&M) program as detailed here.

The employee training program includes a minimum of one annual training to identify pollutants and prevent or reduce stormwater pollution from activities such as park and open space maintenance, fleet and building maintenance, and stormwater system maintenance. New employees are trained within 6 months of employment. Additional information on the training program can be found in our PIE plan on our [Education & Public Participation web page](#).

Knox County's O&M program specifies activities and procedures implemented so that the MS4 infrastructure is maintained to reduce the discharge of pollutants from the MS4 for each of the following municipal operations: a. Streets, roads, highways; b. Municipal parking lots; c. Maintenance and storage yards; d. Fleet or maintenance shops with outdoor storage areas; e. Salt/sand storage locations; and f. Convenience centers. The facilities O&M plans (in the format of SWPPPs) contains the following as applicable: a. Minimize or Prevent Exposures of Materials to Precipitation; b. Good Housekeeping; c. Preventative Maintenance; d. Spill Prevention and Response; e. Erosion and Sediment Control; f. Management of Runoff; g. Control Measure Maintenance; and h. Facility Site Inspections (conducted at least once every 12 months)

County Divisions and Facilities

Knox County owns and operates a variety of facilities with pollution production potential. These facilities are managed by either Knox County Engineering and Public Works or Knox County Parks and Recreation. Each facility serves a different purpose and has a different pollution potential.

Engineering and Public Works Main Campus

Knox County's Engineering and Public Works Main Campus is located at 205 West Baxter Av. The SWPPP for the facility can be found in appendix A. Standard Operating Procedures (SOPs) for highway maintenance, storm drain system maintenance, salt brine application, and other SOP related to highway and roadway maintenance can be found in appendix D.

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Knox County Convenience Centers

Knox County manages seven Convenience Centers, each with its own Storm Water Pollution Prevention Plan (SWPPP). These Centers are permitted and regularly inspected by the Tennessee Department of Environment and Conservation (TDEC). They are equipped for collecting household trash/waste and recyclables and are exclusively for use by Knox County residents disposing of waste from their own homes. We do not accept commercial, business, institutional, or hazardous waste at these centers.

For Household Hazardous Waste (HHW), individuals are advised to visit the separate facility operated by the City of Knoxville, known as the Household Hazardous Waste Facility. Please note that the operation and maintenance (O&M) of the HHW facility are not covered by this plan.

The SWPPPs for our Convenience Centers are detailed in appendix B.

Parks and Recreation Facilities

Knox County Parks and Recreation is a separate department under the mayor, however, Knox County Engineering and Public Works coordinates with them to ensure that the requirements of the NPDES permit are followed. The SWPPP for the Parks and Recreation Facilities can be found in appendix C.

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Appendices

Appendix A: Engineering and Public Works Main Campus Stormwater Pollution Prevention Plan (SWPPP)

To request a copy of the above document, send an email to stormwater@knoxcounty.org with the name of the requested document.

Appendix B: Knox County Convenience Centers Stormwater Pollution Prevention Plans (SWPPPs)

1. Carter Convenience Center SWPPP
2. Dutchtown Convenience Center SWPPP
3. Halls Convenience Center SWPPP
4. John Sevier Convenience Center SWPPP
5. Karns Convenience Center SWPPP
6. Powell Convenience Center SWPPP
7. Tazewell Pike Convenience Center SWPPP

To request a copy of any the above documents, send an email to stormwater@knoxcounty.org with the name of the requested document.

Appendix C: Knox County Parks and Recreation Stormwater Pollution Prevention Plan (SWPPP)

To request a copy of the above document, send an email to stormwater@knoxcounty.org with the name of the requested document.

Appendix D: Standard Operating Procedures for highway maintenance, storm drain system maintenance and repair, and associated activities.

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