

# SD1

Managing Northern Kentucky's  
Wastewater and Storm Water



## Storm Water Project Review Application Outside SD1's Storm Water Service Area

*This application is for projects outside SD1's storm water service area only.*

July 2022 – June 2023

**Note:** The application form and supporting documentation must be completed in its entirety and delivered to **SD1, Attention: Andy Aman – Plan Review Manager, 1045 Eaton Drive, Ft. Wright, KY 41017** or sent via email to [aaman@sd1.org](mailto:aaman@sd1.org) to begin the review process. **The omission of required items may be cause for rejection or delay in the review of this submittal.**

Project name:			
Project address:		City:	
Subdivision name and lot no.:			
Parcel ID from county PVA:			
Total area of project site (acres or square feet):		Total area of land disturbing activities (acres or square feet):	
Existing impervious area (square feet):		Proposed impervious area (square feet):	
Name of the receiving waterways to which the site discharges (i.e. Banklick Creek):		Classification of receiving waterway named: (Please circle one below) Exceptional High Quality Outstanding Resource Impaired	
<b>Owner/Company Name:</b>		<b>Contact person:</b> as listed on page 4	
Address:		City/ST/Zip:	
Telephone:		Fax:	
Email:			
<b>Specific planning and zoning agency:</b>		Zoning contact person.:	
Address:		City/ST/Zip:	
Telephone:		Fax:	
Email:			
<b>Developer:</b>		Contact person:	
Address:		City/ST/Zip:	
Telephone:		Fax:	
Email:			
<b>Designer:</b>		Contact person:	
Address:		City/ST/Zip:	
Telephone:		Fax:	
Email:			

<b>KYR10 Notice of Intent (NOI) submitted to KDOW:</b>	<b>Yes or No</b>
	<b>If yes, Please submit a copy to SD1</b>

**Checklist:**

This checklist gives the minimum requirements needed for SD1 review. All items shall be checked as included or marked as N/A. If an item is marked as N/A, provide an explanation in the "Comments" section below.

	Project information
	Location map
	Property boundary and adjacent property owners
	Clearing limits
	Improvement drawings (with scale not smaller than 1 inch equals 100 feet)
	Existing and proposed contours and location and description of benchmark used
	Existing and proposed public and private rights-of-ways and streets
	Location of proposed storm water and water resource facilities including manholes, pump stations, catch basins, inlets, and headwalls
	Detention/retention facilities clearly identified with the maximum volume capacities labeled and detailed drawings of all overflow facilities
	Storm water facilities (inlets, catch basins, junction boxes, headwalls, manholes, etc.) numbered and corresponding to the profiles of storm sewers and culverts
	Maintenance responsibility for detention/retention facilities and maintenance activities noted on the improvement drawings
	Profiles of all proposed storm water sewers, culverts, and facilities (including percent grade, pipe diameters, material, and lengths, and invert elevations). Profiles shall also show all existing and proposed public utility (water, storm and sanitary sewer) crossings, and all existing private utility (gas, electric, telephone, etc.) crossings
	Hydraulic grade lines for the 10-year and 25-year design storms
	Outlet velocities at all headwalls and outlets of storm sewers and culverts
	Location and identification of any drainage facility or natural feature on the site or within 100 feet of the project boundary that has or could have an impact on drainage or sediment control
	Existing utilities, sewers and storm drainage structures and facilities
	Adjoining storm drainage structures and facilities to show continuity in the overall storm water drainage system, if this project is one phase of a multi-phase development
	Proposed easements
	Erosion prevention and sediment control plan
	Location, details, and standard drawings for BMPs. All BMPs shall be numbered for identification and reference purposes (i.e. stabilized construction entrances, perimeter controls, inlet and outlet protection for storm sewers and culverts, stream crossings)
	Computations to support all drainage and sediment control designs in a form meeting SD1's requirements and sealed by the Kentucky licensed professional engineer preparing the designs
	Electronic PDS copy of plan set
	Post-construction BMP design
	Copy of KYR10 NOI

<b>Required Fees (Compute on the right)</b>	<b>Plan Review Outside SD1 Storm Water Service Area</b> Only applicable to portions of unincorporated Campbell and Kenton counties	Contact SD1 for Fee Amount	
	<b>Total Amount =</b>		

## **Submittal Requirements:**

Initial Submittal Format: One (1) electronic PDF plan set \*

*When submitting for both a storm water permit and a sanitary sewer approval associated with the same project, only one (1) electronic PDF plan set submittal which includes both sanitary and storm water aspects along with supporting calculations shall be submitted for the initial review.*

Upon Approval Submittal:

Sanitary Sewer: An electronic PDF version and a Geodatabase or shape file in the following coordinate system:

NAD\_1983\_HARN\_StatePlane\_Kentucky\_North\_FIPS\_1601\_Feet

WKID: 2891

If a GIS file cannot be submitted, an electronic CAD file shall be submitted in standard format (.dwg, .dxf, .dgn). The electronic file shall contain survey information on the structures in the KY HARN NAD 83 coordinate system, tied to USGS Survey Monumentation or another specified coordinate system

## **Record Drawing Requirements:**

Per Section 1005 of SD1's Storm Water Rules and Regulations, record drawings shall be submitted to SD1 upon completion of construction in accordance with SD1's Record Drawing Requirements document.

Record Drawing Submittal Formats:

1. Electronic PDF format

And

2. Geodatabase or shapefile with attribute data in the coordinate system, "NAD 1983 HARN StatePlane Kentucky North FIPS 1601 Feet WKID: 2891" or another specified coordinate system.

**If a GIS file cannot be submitted**, an electronic CAD file shall be submitted in standard format (.dwg, .dxf, .dgn). The electronic file shall contain survey information on the structures in the KY HARN NAD 83 coordinate system, tied to USGS Survey Monumentation or another specified coordinate system.

**Certifications: The following certifications are required.**

**Contact Person**

**Owner/Person Financially Responsible Certification:** "I hereby certify that all land disturbing construction and associated activity pertaining to this application shall be accomplished pursuant to the approved plans. The information submitted with the application is, to the best of my knowledge and belief, true, accurate, and complete."

Printed name of owner/person financially responsible: \_\_\_\_\_

Contact Person

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Designer Certification:** "I hereby certify to the best of my knowledge and belief that the measures in this plan are designed to control erosion, retain sediment on the site, and manage storm water in a manner that is in compliance with the requirements contained in the SD1 rules and regulations."

Printed name of engineer: \_\_\_\_\_

Kentucky PE number: \_\_\_\_\_

Date: \_\_\_\_\_

(Stamp and signature)