



CITY OF ST. CHARLES STORMWATER MANAGEMENT PERMIT WORKSHEET

Please refer to Kane County and City of St. Charles Stormwater Management Ordinances for definitions of technical terms in bold and referenced Ordinance sections for additional information.

Step 1:

Is a Stormwater Management Permit Required (Section 9-28 A):

- A. Does the project disturb more than 5,000 sq ft of ground or involve 250 CY of material or more?
- B. Is the project in a **Floodplain** or is there **Floodplain** on the **Site** (including renovations or repairs to existing structures in the **Floodplain**)?
- C. Does the project impact a **Wetland**?
- D. Does the site have an existing **Detention Storage Facility** and new **Impervious Area** is being added that is not accounted for in the **Detention Storage Facility**?

If you answered YES to any of the above questions, PROCEED TO STEP 2

If you answered NO to all of the above questions, a **Stormwater Management Permit** is NOT required, however, **Erosion and Sedimentation Control Practices** (Article III) are required for all projects regardless of whether a permit is required or not.

Step 2:

Calculate Stormwater Management Measure Triggers (Table 9-81):

- A. **Hydrologically Disturbed Area** (proposed as part of this application) _____ acre(s)
- B. **New Impervious Area** since Jan 1, 2002 (existing) _____ sq ft
- C. **New Impervious Area** (proposed as part of this application) _____ sq ft
- D. CALCULATE total **New Impervious Area** (SUM B+C=D) _____ sq ft

Redevelopment Only:

- E. Existing **Impervious Area** to be removed (as part of this application) _____ sq ft
- F. CALCULATE **Net New Impervious Area** (SUBTRACT D-E = F) _____ sq ft

PROCEED TO STEP 3

Step 3:

Stormwater Mitigation/BMP Submittal (Article V):

- A. Is there an existing flooding or drainage issue in the immediate vicinity of the project?
- B. Is the **New** or **Net New Impervious Area** (proposed as part of this application - Step 2 C or Step 2 F) greater than 5,000 sq ft?
- C. Linear projects: is the **New** or **Net New Impervious Area** (proposed as part of this application- Step 2 C or Step 2 F) > 43,560 sq ft?
- D. Is the **Hydrologically Disturbed Area** greater than 3 acres?
- E. Is the Total **Impervious Area** on the **Site** greater than 50% (for a **Site** <1 acre)

If you answered YES to any of the above questions, a Stormwater Mitigation/BMP may be required

PROCEED TO STEP 4

Stormwater Mitigation/BMP Submittal
<input type="checkbox"/> Yes
<input type="checkbox"/> No

Step 4:

Stormwater Submittal (Article IV):

- A. Is the **New** or **Net New Impervious** (Step 2 D or Step 2 F) greater than 25,000 sq ft?
- B. Linear projects: is the **New** or **Net New Impervious** (Step 2 D or Step 2 F) > 43,560 sq ft and width >AASHTO?
- D. Is the **Hydrologically Disturbed Area** greater than 3 acres?

If you answered YES to any of the above questions, a **Stormwater Submittal and Detention Storage Facility** may be required

PROCEED TO STEP 5

Stormwater Submittal
<input type="checkbox"/> Yes
<input type="checkbox"/> No

Step 5:

Wetland and Floodplain Submittal (Article VII and Article VI):

- A. Does the **Site** contain or is adjacent to a **Linear Watercourse, Nonlinear Waterbody or Wetlands**?
- B. Does the **Site** contain **Floodplain**?

If a **Qualified Review Specialist** has answered YES to either question above, a **Wetland and/or Floodplain Submittal** may be required

PROCEED TO STEP 6

Wetland Submittal
<input type="checkbox"/> Yes
<input type="checkbox"/> No

Floodplain Submittal
<input type="checkbox"/> Yes
<input type="checkbox"/> No

Step 6:

What's Next?:

- A. Use the Kane County and City of St. Charles Stormwater Ordinance for additional information on required submittals. Contact the the City of St. Charles to address questions or confirm submittal requirements
- B. Complete the City of St. Charles **Stormwater Management Permit** application
- C. Complete the submittals required for the project including the Plan Set Submittal (Article II), Soil Erosion and Sedimentation Control, Performance Security (Article VIII) and Maintenance Schedule (Article IX) in addition to submittals required above.

Disclaimer:

This worksheet provides general guidelines for determining potential requirements for a project. The worksheet includes requirements for conventional projects, however it does not address special conditions or exemptions contained within the **Ordinance** language or address complex project such as **Redevelopment** with an existing detention facility. It is recommended that **Applicants** communicate with the City of St. Charles to confirm permit requirements. The City of St. Charles, upon review of the project, may require additional submittals or **Stormwater Management Measures**.