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STORMWATER MANAGEMENT





WATERSHED NPDES PERMIT

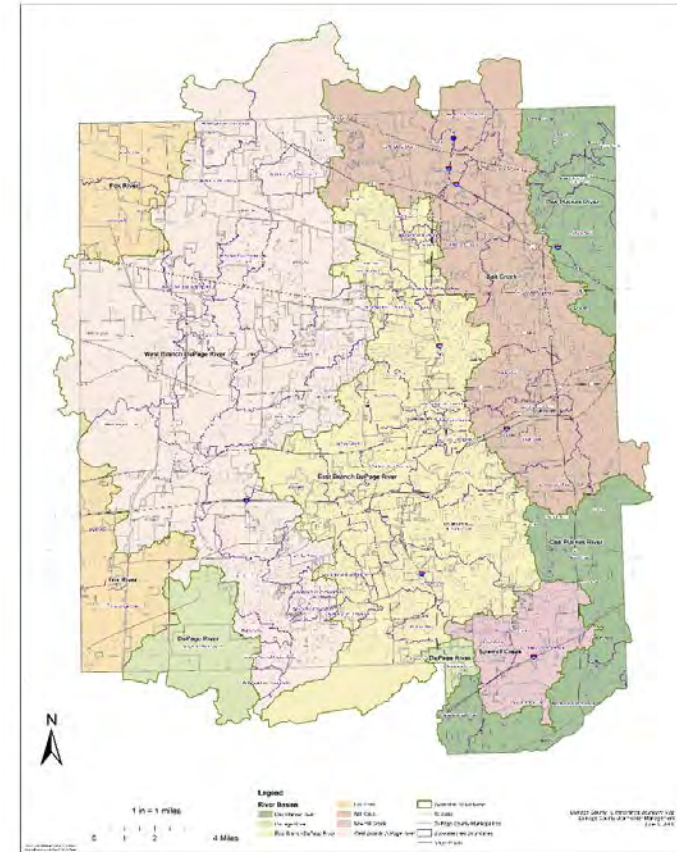
40+ MS4s in DuPage County

3 major watersheds

- East Branch DuPage River
- West Branch DuPage River
- Salt Creek

Other partial watersheds

- Des Plaines, Fox, DuPage mainstem



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What is Watershed-Based NPDES Permitting?

“**consideration of watershed goals** and the **impact of multiple pollutant sources** and stressors, including nonpoint source contributions”

“The ultimate goal of watershed-based NPDES permitting, however, is to develop and issue **NPDES permits that consider the conditions of the entire watershed** and address the diverse sources within the watershed, **not just an individual point source discharger.**”

https://www.epa.gov/npdes/pubs/watershedpermitting_finalguidance.pdf



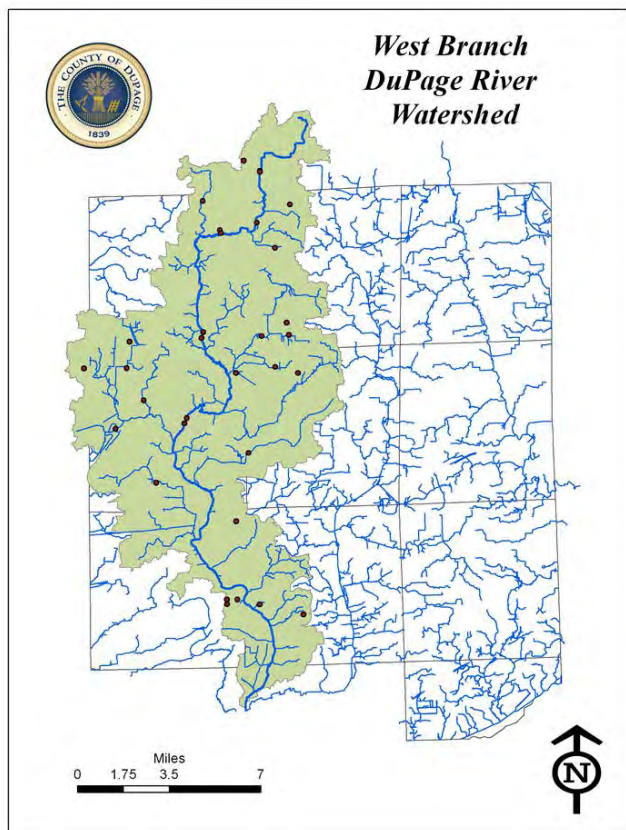
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Example

- 15 municipalities discharging MS4 in watershed



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- Education & Outreach
 - County creates brochures, info on website
 - Stormwater Management booth at municipal events
 - Municipalities display/ distribute materials



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- Public Involvement & Participation
 - Workshops held throughout the county in each watershed
 - Stakeholder meetings
 - Countywide Environmental Justice Areas map



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- Illicit Discharge Detection & Elimination
 - Inspect by watershed
 - One watershed per year in addition to priority outfalls
 - Work with municipality on tracing and enforcement
 - County conduct field and lab testing
 - Dual county communities



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- Development driven requirements
 - Construction Site Runoff
 - Post construction BMPs
- County can conduct or municipality request to complete in house
- Regulations under Countywide Stormwater Ordinance



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- Good Housekeeping
 - Annual training
 - Checklists and guidance
 - Shared services



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- Reporting
 - One comprehensive report will save time for MS4s and IEPA



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- Benefits
 - Reducing the reporting burden (time & money)
 - Eliminate overlap and redundancy
 - Link to watershed planning- address watershed goals
 - Cooperation on watershed efforts
 - Increase public involvement



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- Next Steps:
 - Finalize details with IEPA
 - Establish IGAs to determine responsibilities
 - Formally submit to IEPA



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QUESTIONS?

Questions?

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