



# DUPAGECOUNTY

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## STORMWATER MANAGEMENT

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# PROGRAM AREAS

## DuPage County Stormwater Management Program Areas

- Watershed Management
  - Watershed Planning
  - Regional Project Design & Construction
  - Voluntary Flood Prone Property Buy Out Program
- Water Quality
  - NPDES Permit Compliance
  - Water Quality Improvement Projects
  - Water Quality Improvement Grants
- Floodplain Mapping
  - FEMA Cooperative Technical Partner/Floodplain Mapping
  - Floodplain Determinations
- Regulatory Services
  - Permit Review
  - Ordinance Enforcement
  - Wetland Banking Program
- Operation & Maintenance
  - Operate and Maintain Streams and Facilities
  - Flood Forecasting



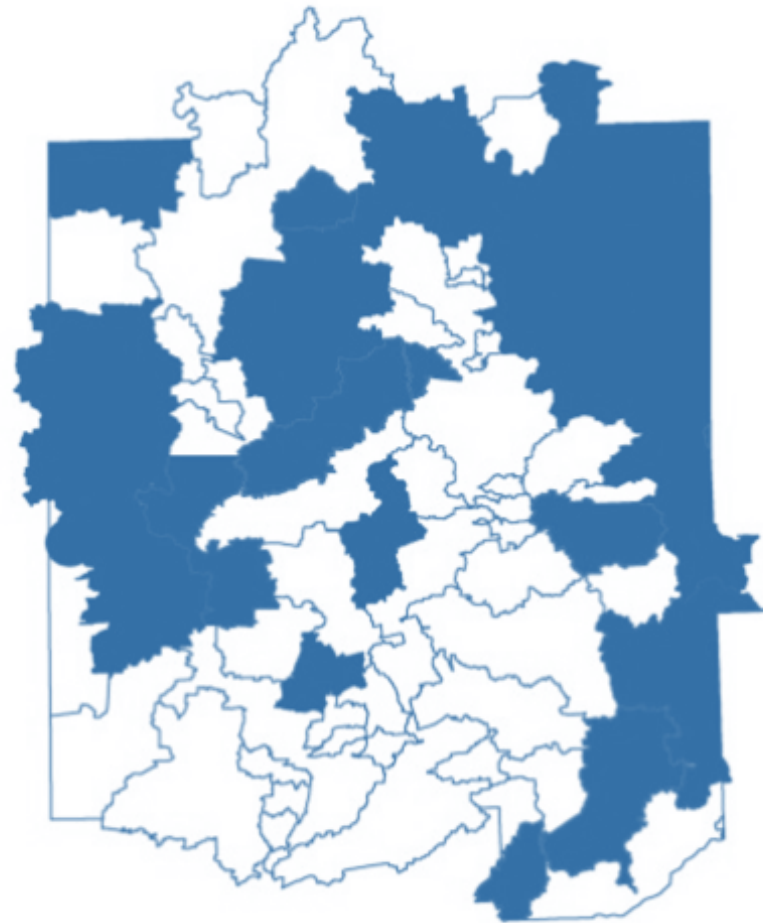
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# WATERSHED PLANS



## Complete

- Willowoway Brook
- Ginger Creek
- Lower Salt Creek
- Willow Creek
- Trib #4
- Black Partridge Creek
- Winfield Creek
- Westwood Creek
- Klein Creek
- Sawmill Creek
- Trib #2
- Valley View
- Flagg Creek
- Steeple Run
- Sawmill Creek
- Lower Salt Creek
- West Branch Trib #1
- Addison Creek
- Upper Des Plaines River Tribs
- River-Dumoulin
- Route 53 North
- Springbrook
- West Branch DuPage River
- Brewster Creek

## Incomplete

- West Branch Mainstem
- WB Trib #2
- WB Trib #3
- WB Trib #5
- Cress Creek
- WB Trib #6
- WB Trib #7
- Winding Creek
- Foxcroft
- WB Trib #8
- Spring Brook #2
- Norton Creek
- Indian Creek
- Waubensee Creek
- Wards Creek
- Lilly Cache
- Devon Avenue Ditch
- Oakbrook Trib
- Bronswood Creek
- Swift Meadows
- Army Train Trib
- Armitage Creek
- EB Trib #1
- Glen Crest
- EB Trib #3
- 22<sup>nd</sup> Street
- Glen Park
- Lacey Creek
- Prentiss Creek
- EB Trib #6
- EB Trib #7
- Crabtree Creek
- Rott Creek

## In Process

- Spring Brook #1
- Sugar Creek
- East Branch Mainstem
- St. Joseph Creek
- Winfield Creek



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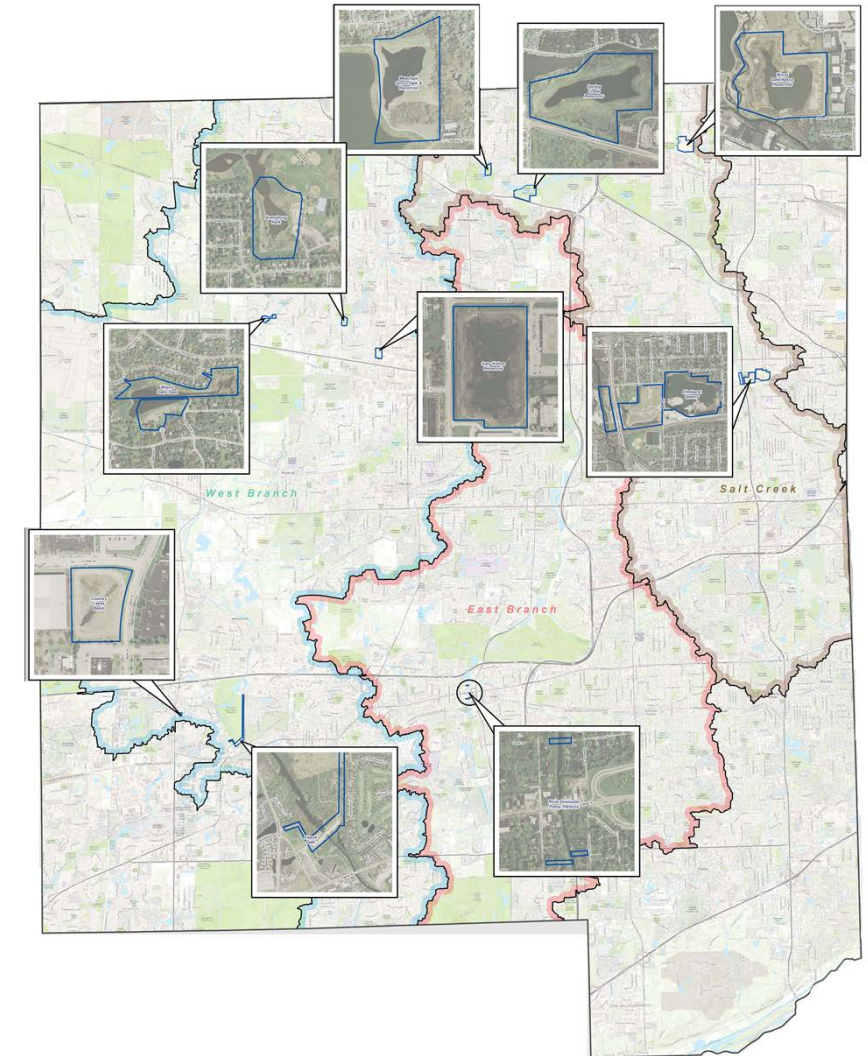
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# WATERSHED PROJECTS

- **Completed projects:**

- 17 Facilities Countywide
- 5 Mechanically Operated
- Over 4 Billion Gallons (Floodwaters) Diverted
- Additional Benefits Provided by Temporarily Storing Flood Waters in Forest Preserve
- Incorporated Water Quality & Environmental Improvements where Practical
- Annual Budget (Maintenance & Operations) \$2.69 Million
  - Flood Forecasting
  - Stream Maintenance
  - Flood Control Operations
  - Facility Maintenance



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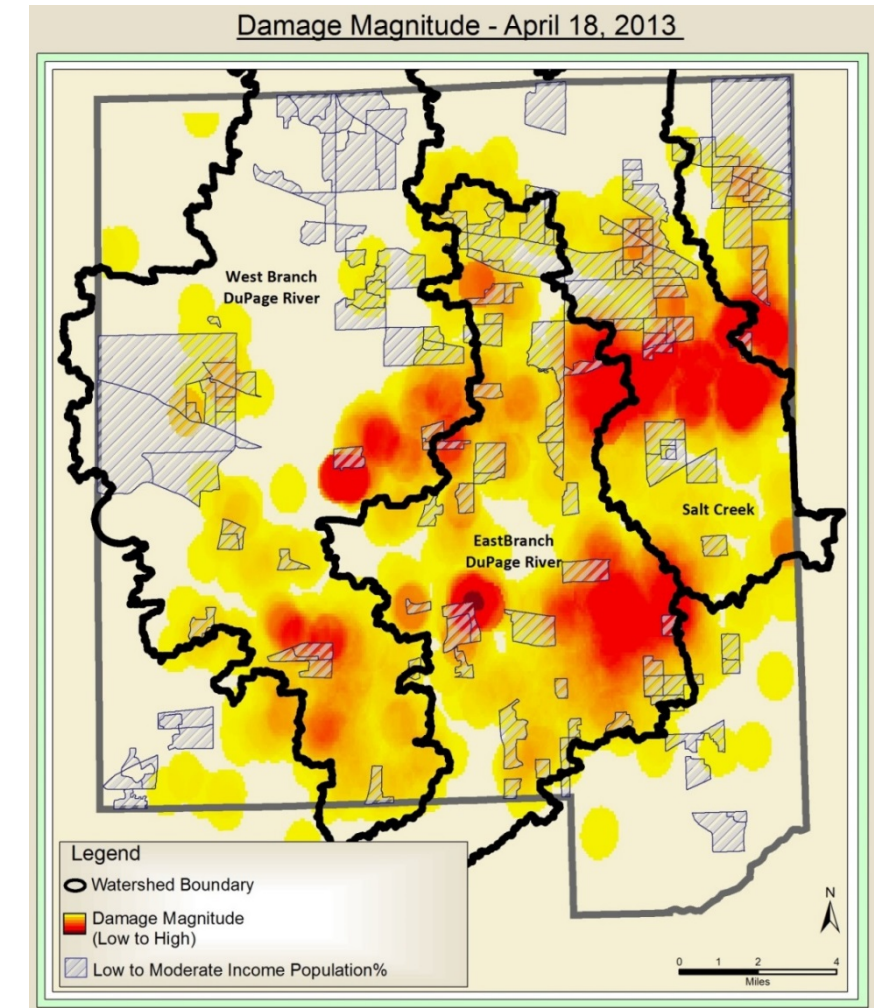
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# APRIL 2013

April 2013 flood severely affected the DuPage County communities.

- Damage Reports/Claims over 9000 structures
- Insurance claims and loans totaled more than \$65 million
  - Ongoing recovery efforts include:
    - Home & business repairs
    - Flood-prone property buyouts
    - Flood mitigation projects
  - Ongoing Resiliency Efforts Include
    - HUD CDBG-NDRC Project Application for East Branch DuPage River
    - Education and Outreach on Residential Flood awareness & flood proofing
    - Updates & Improvements to Flood Forecasting Program



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# APRIL 2013

Lisle, IL- Confluence of East Branch DuPage River and St. Joseph Creek



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# APRIL 2013

Winfield, IL- Confluence of West Branch DuPage River and Winfield Creek



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# APRIL 2013

Naperville, IL- Mainstem of West Branch DuPage River



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# QUESTIONS?

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