



## Blackberry Creek Watershed Action Plan

**Plan Implementation, Monitoring, &  
Measures of Success**  
*Chapter Overview*



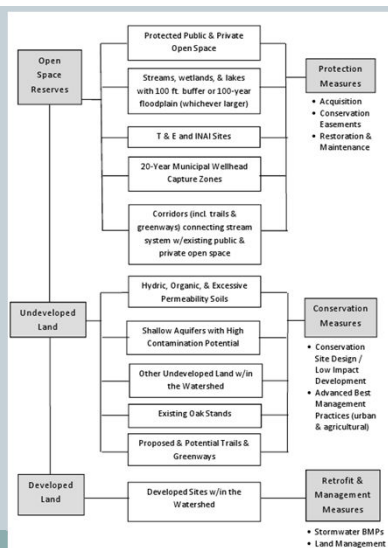
*Blackberry Creek Watershed Planning Meeting*  
*Aurora Public Library – West Branch*  
*October 18, 2011*

## BLACKBERRY CREEK WATERSHED GOALS

- Reduce fecal coliform contributions
- Reduce nutrient and other emerging pollutant loadings
- Minimize sedimentation, siltation, and streambank & streambed erosion
- Reduce risk of flooding through initiatives to improve water quality
- Protect groundwater resources
- Promote awareness of watershed resources and threats

## WATERSHED PLAN RECOMMENDATIONS

### Green Infrastructure Framework for Watershed-Wide Planning & Policy Recommendations



## PLAN IMPLEMENTATION



- **Plan Implementation Schedule**
  - Policy & Planning Recommendations
  - Program Recommendations
  - Education & Outreach Projects
  - On the Ground BMP Projects



## PLAN IMPLEMENTATION



- **Plan Implementation Schedule**
  - **Policy & Planning Recommendations**
    - ✦ Local staff & elected officials (county, muni, twp, HOAs) & community members
      - establish own appropriate course of action
      - aided by continued collaboration between watershed communities & organizations
    - ✦ Tech assistance
    - ✦ 2017

## PLAN IMPLEMENTATION

### • Plan Implementation Schedule

#### ○ Programs

- ✦ Local governments, associations, & organizations
  - e.g., stream inspection & maintenance, septic system inspection, chloride reduction, soil testing, well sealing, education, school curriculum, incentives for landowners, stream quality monitoring, water use conservation, unwanted medicines dropoff
  - aided by continued collaboration between watershed communities & organizations
- ✦ Tech assistance, Grants
- ✦ 2017

## PLAN IMPLEMENTATION

### • Plan Implementation Schedule

#### ○ Education & Outreach Projects

- ✦ Local governments, associations, & organizations
- ✦ Grants, Tech assistance
- ✦ 2017



## PLAN IMPLEMENTATION

- **Implementation Schedule**
  - **On-the-Ground BMP Projects**
    - ✦ Local sponsors & partners
    - ✦ Grants, Loans, Tech assistance
    - ✦ Shorter term (2012-2017)
    - ✦ Longer term (2017-2022)

## PLAN IMPLEMENTATION

- **Shorter term BMP projects**
  - Stream Channel, Riparian Corridor, and Shoreline Protection & Rehabilitation
  - Agricultural / Rural BMPs
  - Urban BMPs
    - ✦ Land & water management practices & programs
    - ✦ Stormwater retrofits



## PLAN IMPLEMENTATION



- **Longer term BMP projects**

- Stream Channel, Riparian Corridor, and Shoreline Protection & Rehabilitation
- Agricultural / Rural BMPs
- Urban BMPs



## PLAN IMPLEMENTATION



- **Stream Condition Monitoring**

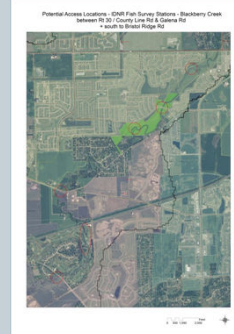
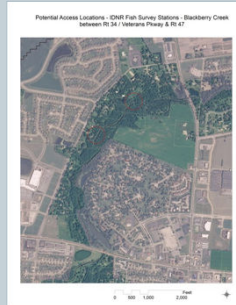
- Monitoring Plan, QAPP
  - ✦ Short term intensive monitoring network
  - ✦ Long term baseline monitoring network
    - Physical
    - Chemical
    - Biological



## MONITORING NETWORK

- **Special Request: Potential IDNR fish survey access points**

- Kendall County
  - ✦ S of Rt 30 and N of Galena Rd
  - ✦ N of Rt 34 and W of Rt 47



## PLAN IMPLEMENTATION

- **Measures of Success / Evaluation Measures**

- Removal of BBC from impaired waters list for fecal coliform
- Reduction in TP, TSS in BBC
- # of retrofitted SW basins
- miles of streambank stabilized
- # & acres of wetlands restored
- linear feet & acres of new stream buffer
- linear feet & acres of ag filter strip installation
- acres of new protected open space
- # citizens attending rain garden workshop
- ...



## PLAN IMPLEMENTATION

- **Ongoing BBC Group**

- Local models
  - × Tyler Creek Watershed Coalition
  - × Flint Creek Watershed Partnership
  - × Nippersink Creek Watershed Collaboration Group
  - × DuPage River Salt Creek Workgroup
- Website
  - <http://foxriverecosystem.org/subwatersheds.htm>
  - <http://drscw.org/>
- Coordinator
- Funding

## Questions? More Project Ideas?

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