



Oak Creek Watershed Restoration Plan

Stakeholder Meeting

August 30, 2016

Laura Kletti Herrick, P.E., CFM



Agenda

■ Plan Focus Areas

- Water Quality
- Recreational Access and Use
- Habitat Conditions
- Targeted Stormwater Drainage and Flooding Issues
- South Milwaukee Mill Dam and Pond

■ Goals for Tonight

■ Break Out for Map Markup





Plan Focus Areas

■ Water Quality

- Phosphorus
- Chlorides
- Fecal indicator bacteria
- Sediment





Plan Focus Areas

- Water Quality
- Recreational Access and Use
 - Current and Potential Use
 - Health of Fishery
 - Corridor Issues
 - Safe for Human Contact





Plan Focus Areas

- Water Quality
- Recreational Access and Use
- **Habitat Conditions**
 - Fragmentation
 - Channelization
 - Erosion
 - Fishery Quality
 - Trash / Debris Jams



Lower Mainstem Debris Jam



Plan Focus Areas

- Water Quality
- Recreational Access and Use
- Habitat Conditions
- Targeted Stormwater Drainage and Flooding Issues
 - Road overtopping
 - Frequently flooded locations



Root River at 43rd St – April 19, 2013 flood



Plan Focus Areas

- Water Quality
- Recreational Access and Use
- Habitat Conditions
- Targeted Stormwater Drainage and Flooding Issues
- **South Milwaukee Mill Dam and Pond**
 - Existing uses
 - Potential uses



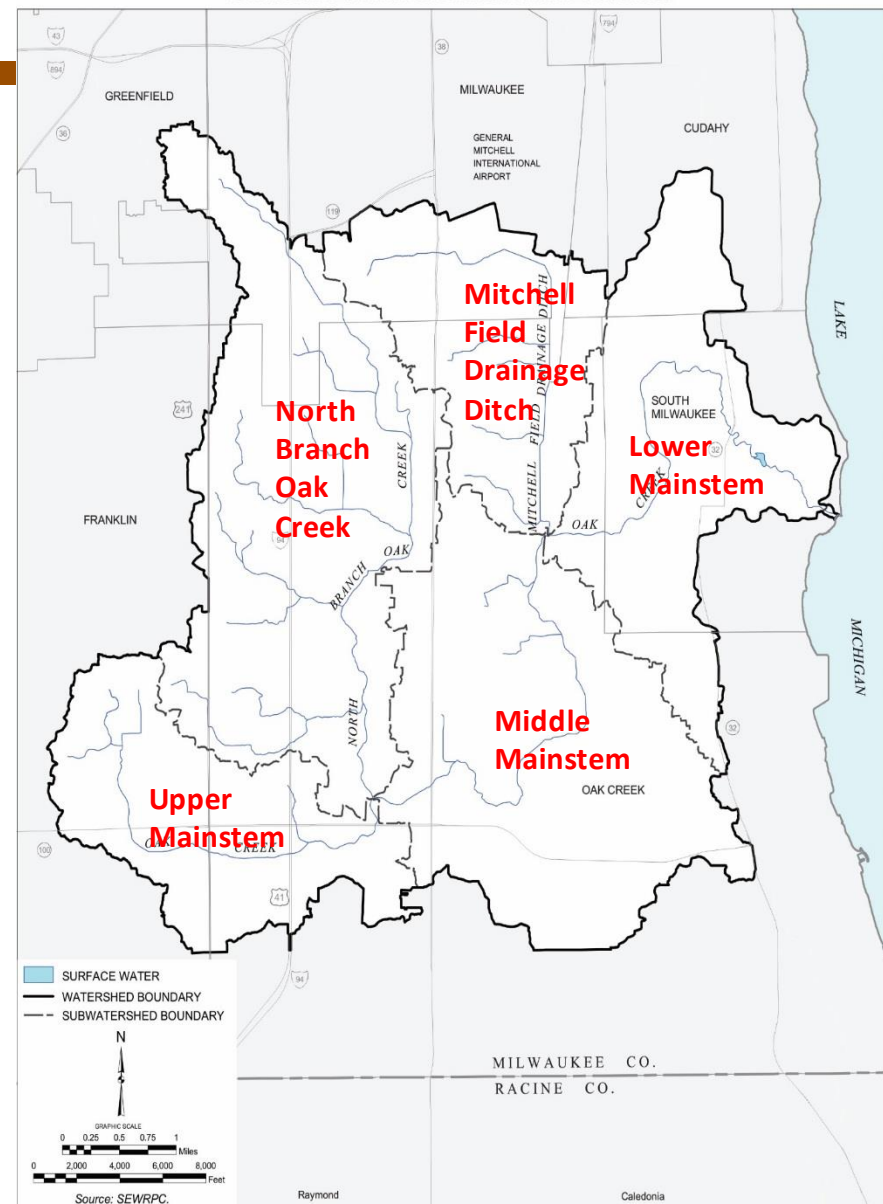


Goals for Tonight

- Large Aerial Photo Maps by Subwatershed
- Mark up
 - Problem Areas
 - Potential Project Locations

Map 2

SURFACE WATER WITHIN THE OAK CREEK WATERSHED: 2000





Goals for Tonight

■ Problem Areas

- Failing sewer outfalls
- Severely eroded banks
- Undersized culverts
- Frequently flooded roads and land areas
- Obstacles to recreational use
- Water quality concerns

Lower Mainstem



Lower Mainstem



Goals for Tonight

Mainstem – 20th St

■ Potential Project Examples

- Park, Trail and Recreational opportunities
- Green Infrastructure – porous pavement, rain gardens, infiltration basins
- Road improvements
- Detention pond retrofits
- Riparian buffers – natural habitat improvements
- Invasive species removal
- High quality habitat areas



WDNR – bioretention

10



Break Out for Map Markup



■ Communication

- SEWRPC website for documents and comments

<http://www.sewrpc.org/OakCreekWRP>

■ Contacts

- Laura Kletti Herrick – Chief Environmental Engineer
262-953-3224 or lherrick@sewrpc.org
- Tom Slawski – Chief Biologist 262-953-3263 or
tslawski@sewrpc.org