Oak Creek Watershed Restoration Plan

2016 and 2017 Progress Meeting April 26, 2017



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Speakers

Laura Herrick, P.E. – Chief Environmental Engineer Thomas Slawski, Ph.D. – Chief Biologist

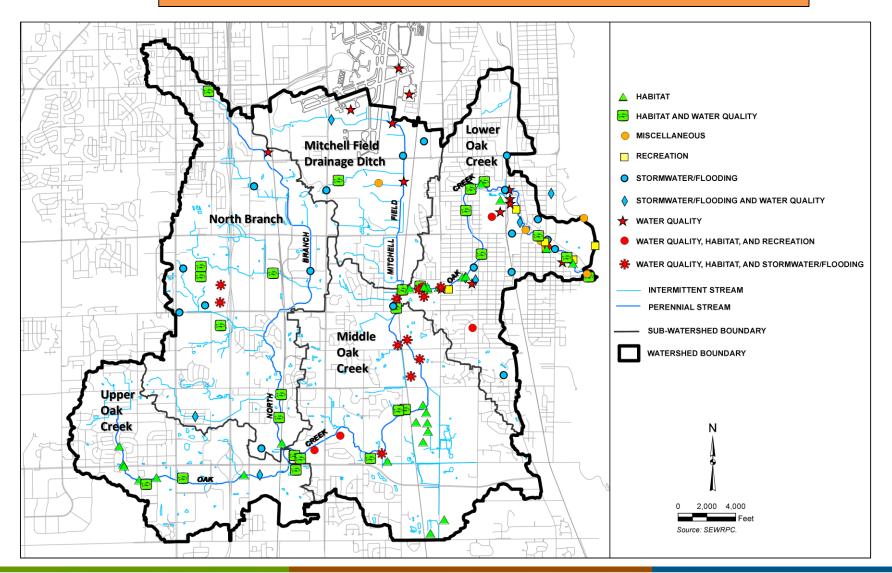




- Summary of Public Comments Associated with Focus Areas
- Field Data Collection
 - Progress in 2016 and plans for 2017
 - Water Temperature Data
 - Fish Passage Assessment

Public Comments Associated with Focus Areas

All public comments tied to a specific location received on 8/30/2016

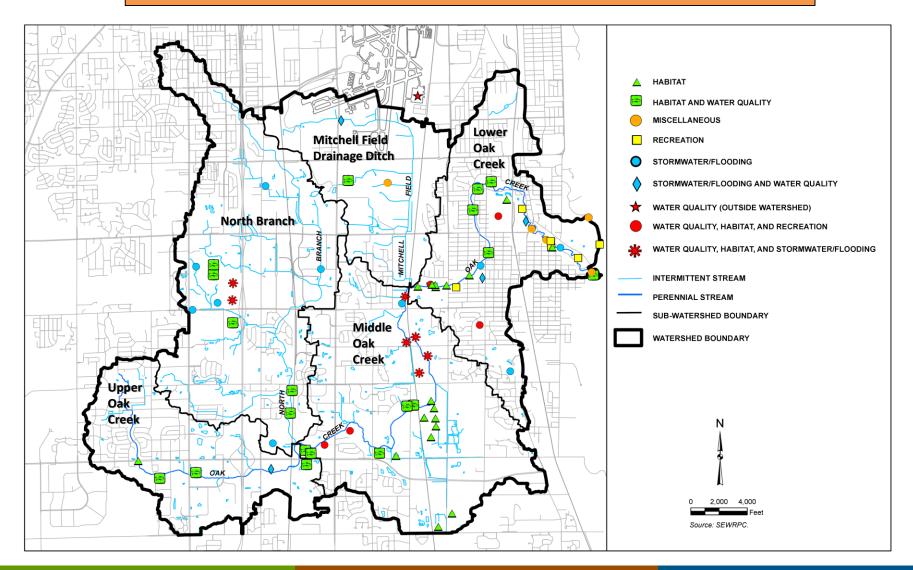


Serving the Counties of Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington, and Waukesha

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Public Comments Associated with Focus Areas

Positive public comments tied to a specific location received on 8/30/2016



Serving the Counties of Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington, and Waukesha

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2016 Instream Field Work Progress

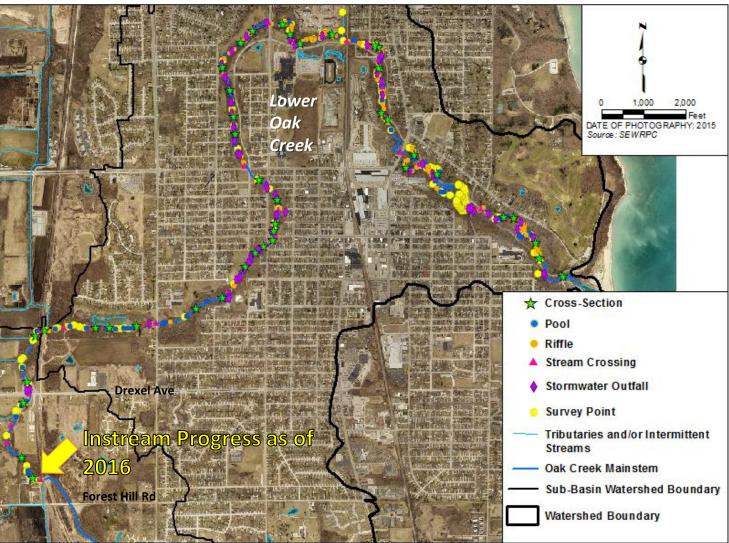
Bank Erosion
Habitat Features
Riparian Vegetation

Trash

Woody Structure/Jams

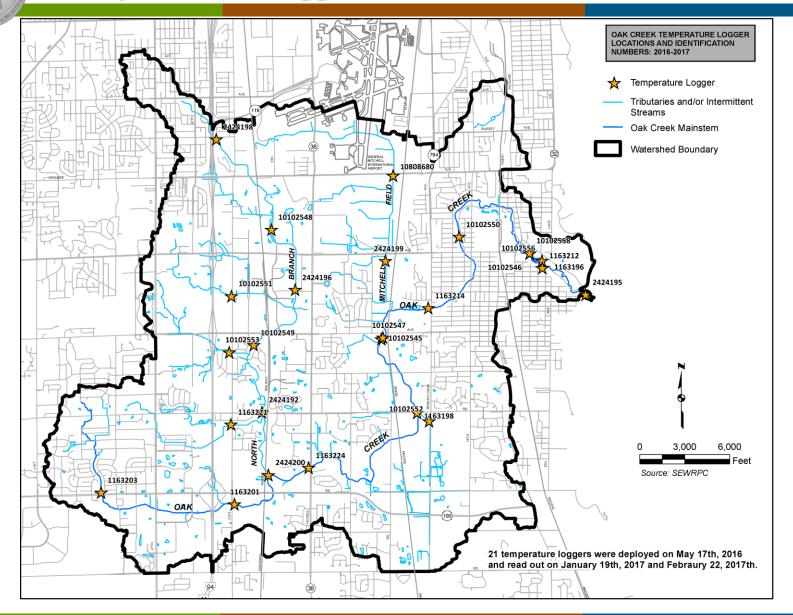


2016 Instream Field Work Progress



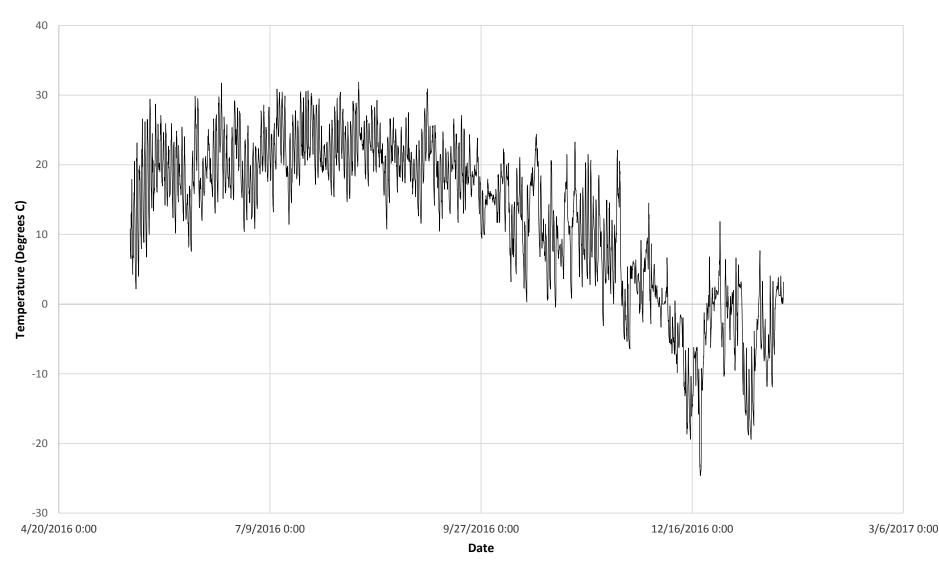
6

Temperature Logger Locations



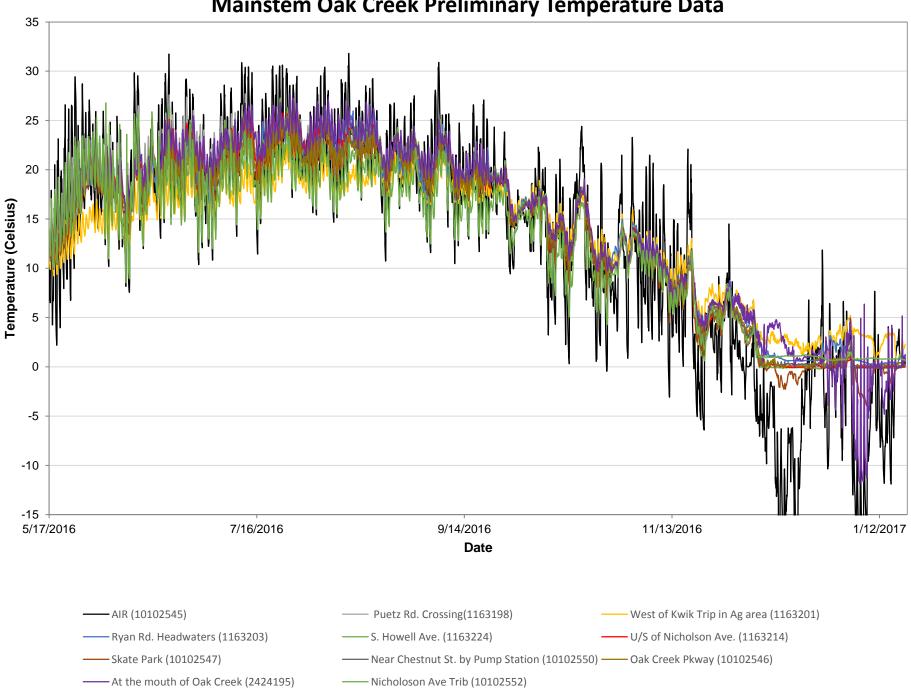
Temperature Data-Preliminary Results

Hourly readings-Air Temperature: May-Dec 2016



Temperature Data-Preliminary Results

Hourly readings-Air Temperature: May-Dec 2016 40 30 80 °F = 26.2 °C 20 Temperature (Celsius) 10 0 -10 -20 -30 4/20/2016 0:00 9/27/2016 0:00 7/9/2016 0:00 12/16/2016 0:00 3/6/2017 0:00 Date



Mainstem Oak Creek Preliminary Temperature Data

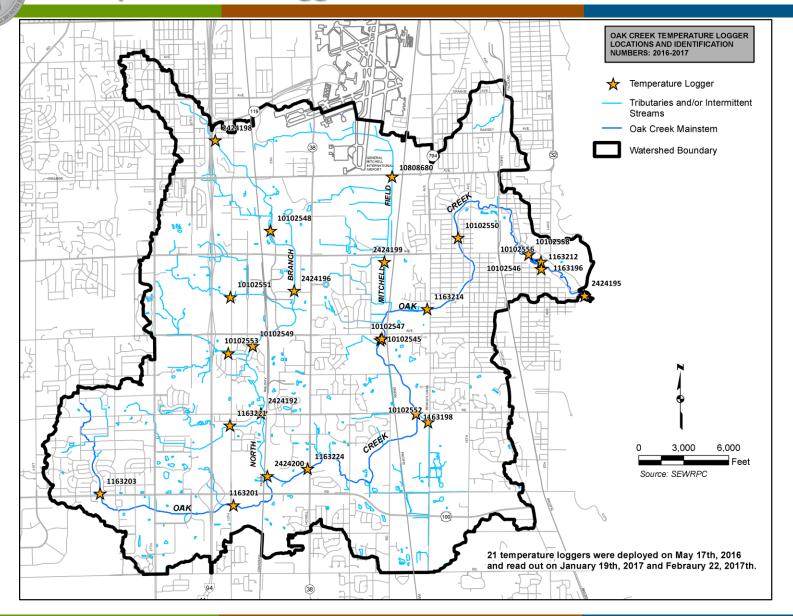
35 30 25 Temperature (Degrees Celsius) 20 15 10 5 0 7/20/2016 7/21/2016 7/22/2016 7/23/2016 7/24/2016 7/25/2016 7/26/2016 7/27/2016 7/28/2016 7/29/2016 7/30/2016 Date - AIR (10102545) - Puetz Rd. Crossing(1163198) - Ryan Rd. Headwaters (1163203) S. Howell Ave. (1163224) —— U/S of Nicholson Ave. (1163214)

Oak Creek Mainstem Preliminary Data of Warm Week 7/21/2016 through 7/28/2016

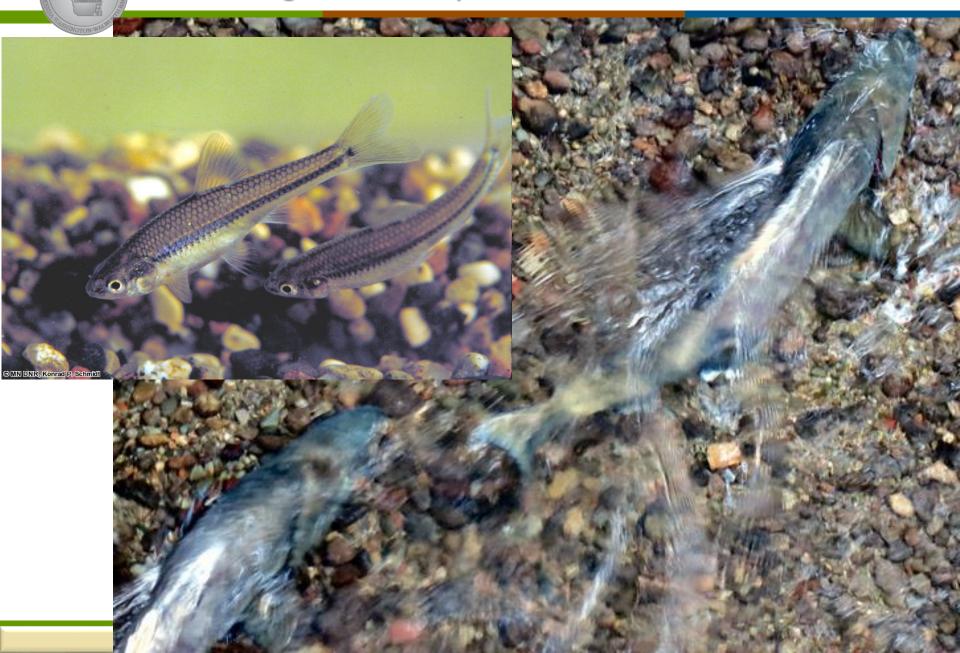
- Skate Park (10102547) ---- Near Chestnut St. by Pump Station (10102550) ---- Oak Creek Pkway (10102546)

At the mouth of Oak Creek (2424195)

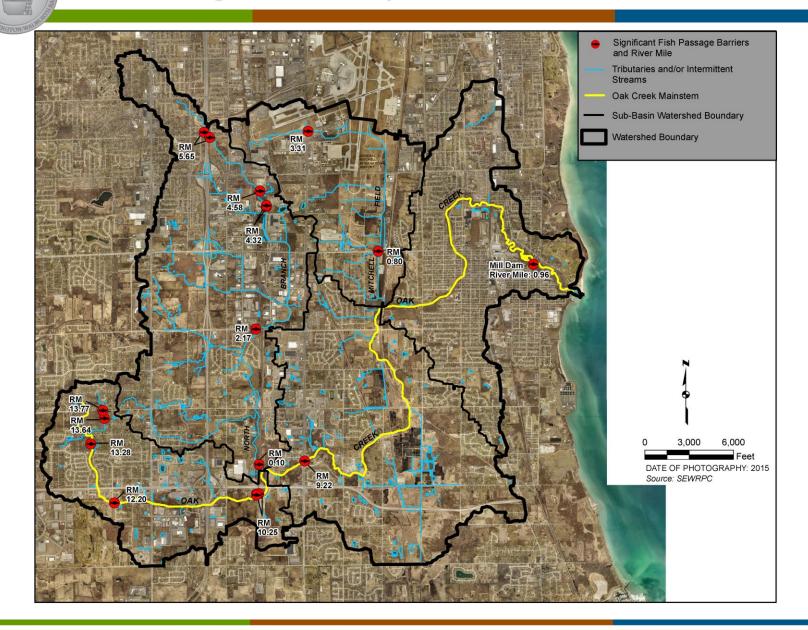
Temperature Logger Locations



Fish Passage Barriers Update: 2016 field data



Fish Passage Barriers Update: 2016 field data





Fish Passage Barriers Update: 2016

Oak Creek-mainstem South Howell Avenue (RM 9.22)



North Branch-tribuc Canadian Pacifi Railway (RM 0.10)

> Major Obstruction

> > 5-6 foot high Perched culvert



Communication



• SEWRPC website for documents and comments

http://www.sewrpc.org/SEWRPC/Environment/Restoration-Plan-Oak-Creek-Watershed.htm

- Contacts
 - Laura Herrick Chief Environmental Engineer 262-953-3224 or <u>Iherrick@sewrpc.org</u>
 - Tom Slawski Chief Biologist 262-953-3263 or <u>tslawski@sewrpc.org</u>