Big Creek Watershed Balanced Growth Plan Partners

Annual Meeting

March 7, 2018 Brooklyn, Ohio



Big Creek Watershed cities in the Ohio Balanced Growth Community

Brook Park
Brooklyn
Cleveland
Parma
Parma Heights

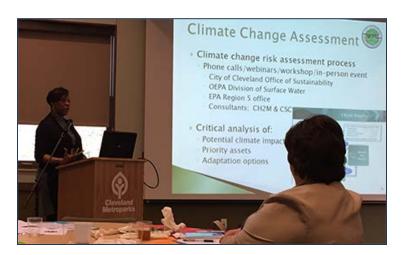


Big Creek Watershed Balanced Growth Partnership

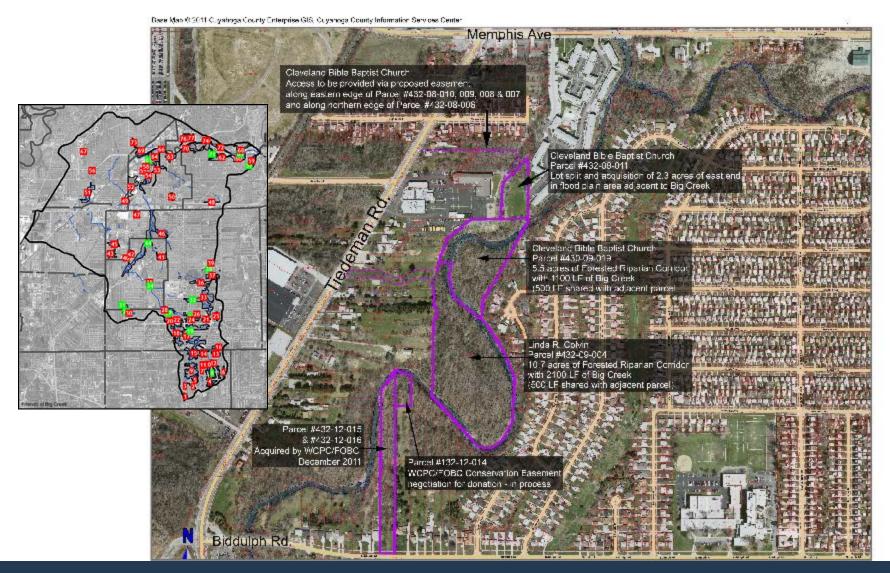


5th Annual Meeting Cleveland March, 2016

6th Annual Meeting Parma April, 2017







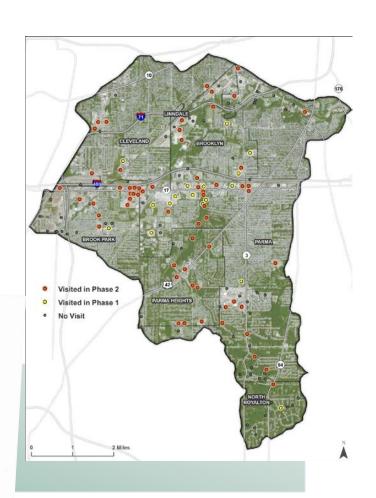
Priority Conservation Areas



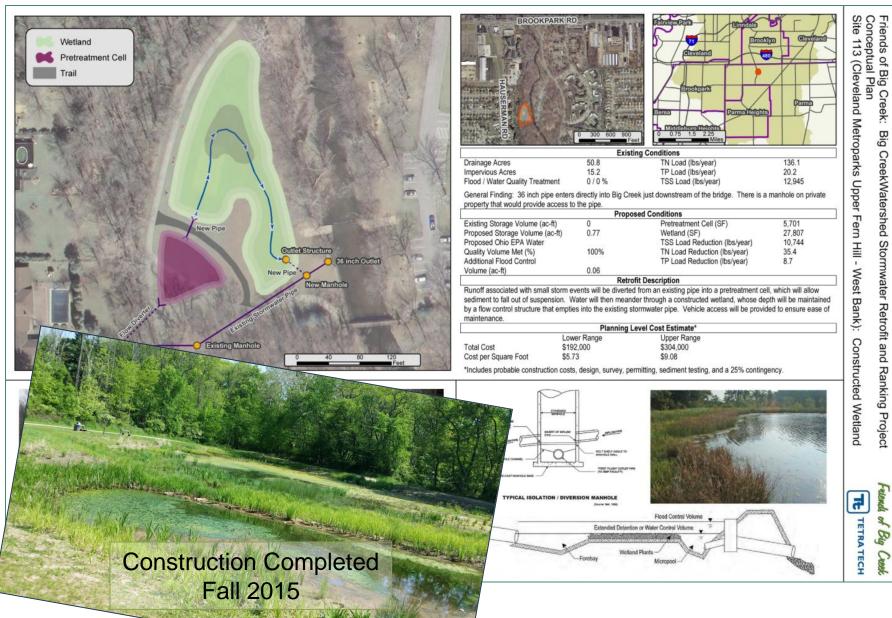
Stormwater Retrofit Ranking Project

Ongoing Implementation











Big CreekWatershed Stormwater Retrofit and Ranking Project

TETRA TECH

Source Control Retrofit Conceptual Design





Existing Conditions

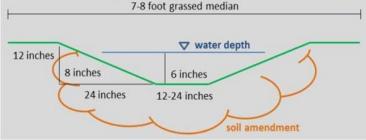
Total site area - street and driveways draining to intersection (sq ft): 41,280 Imperviousness (%): 100

Pollutant loading

(lbs of sediment/year): 379 General Findings: Residential streets are generally untreated in the watershed and they make up 10-15 percent of the total watershed imperviousness. Typical streets include







Retrofit Description: Bioswales are proposed to treat runoff from residential streets and driveways. Bioswales are approximately 7-8 feet in width, depending on available right of way with six inches of ponded water. Bump outs that add 2-3 feet of additional width to the swale are proposed at intersections with 9 inches of ponded water. Runoff will be routed to bioswales/bump outs through new curb cuts that will also serve as overflow structures. An average length of 50 feet is assumed. A planting plan that is prominently herbaceous native plants that are salt and water tolerant is recommended.

36%

110

Total area to be treated (per intersection) (sq ft): 41,280 Proposed storage volume (cubic feet): 833

Percent of Ohio EPA water quality volume:

Additional flood control volume (cubic feet): Pollutant load reduction (lbs of sediment/year): **Retrofit Cost** Estimate:

\$46,000 - \$54,000 per

intersection





Big Creek Nonpoint Source Implementation Strategy

Version 1.0 May 27, 2017 Approved: June 9, 2017

PRESENTED TO

Big Creek Connects

4352 Pearl Road, Suite C Cleveland, OH 44109

West Creek Conservancy

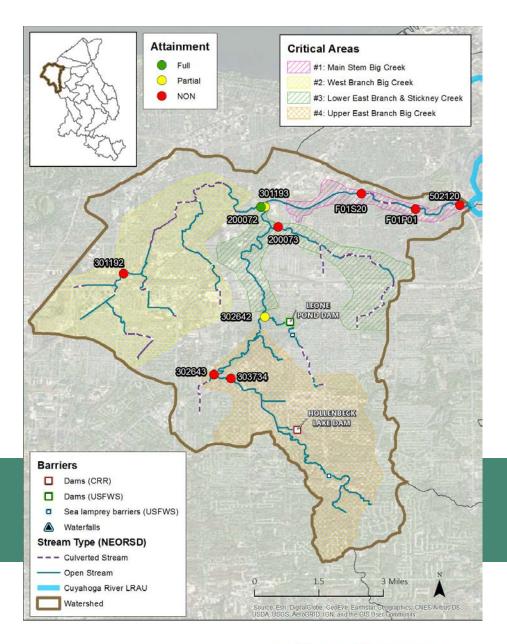
1440 Rockside Road, Suite 329 Parma, OH 44134

PRESENTED BY

Tetra Tech, Inc. 1468 W. 9th Street, #620 Cleveland, OH 44113 (216) 861-2950 tetratech.com

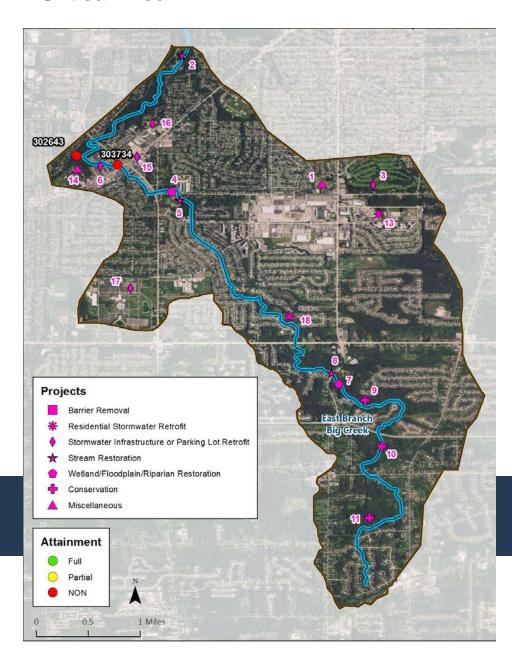
52 projects identified – 6 short term

NPS-IS





Critical Area #4:



NPS-IS



Critical Area #4 - Project #2

NPS-IS



Snow Road Picnic Area Stream Restoration/Floodplain Connectivity







Near West Design Review District

Agenda

(8:30 a.m., Wednesday, October 11th, 2017)

Dollar Bank, 3115 West 25th Street

8:30 a.m. 1. NW 2017-026: Teriyaki Express Business ID Signs (N) 3300 Clark Avenue

Project Representative – Aldo Dure, BNext Awnings & Graphics Proposed installation of a 37 SF channel letter business ID sign for a new restaurant.

8:45 a.m. 2. NW 2017-027: Caribe Restaurant & Bakery Plaza (C) 2900 Fulton Road

Project Representatives – Luis Burgos, Caribe Restaurant & Bakery; John Rakauskas, Rakauskas Architecture, Inc.

Proposed construction of an outdoor fenced-in, landscaped plaza and related paved outdoor event space to be located in front of the existing Caribe Restaurant & Bakery Building. Project is located within an Urban Form Overlay District.

9:15 a.m. 3. NW 2017-028: McDonald's Restaurant Building Facade Renovation & Site Modifications (C) 3211 Clark Avenue

Project Representatives – Ken Estry, Larsen Architects, Inc.; Susie Stames, Franchise Owner, & Dave Gnatowski, McDonald's, Inc..

Renovation of existing building's exterior façade to include removal of existing design elements and replacement with new wall materials, paint colors and signage details. Also includes new digital menu boards and ADA-compliant walkway and parking lot modifications.

9:45 a.m. 4. NW 2017-029: Walworth Pointe Townhomes (C) Walworth Avenue

Project Representatives - Marc Strauss, Walworth Real Estate, LLC; Gary Fischer, Fischer Architects, Inc.; Matt Neff, GPD

Proposed construction of 14 attached townhome residential units intended to complete a partially constructed 24-unit townhouse project.

10:15 a.m.5. NW 2017-030: West 54th Townhomes (C)

West 54th Street & Bridge Court

Project Representatives – Martin Smith, West 54th Townhomes, LLC; Arne Goldman, Focus Planning, Inc.

Proposed construction of a 6-unit townhome project consisting of two 3-unit buildings.

C = will need to appear on City Planning Commission agenda

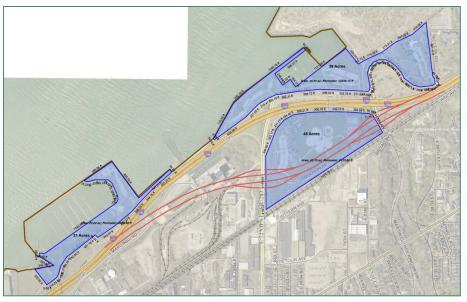
L = will need to appear on Landmarks Commission agenda

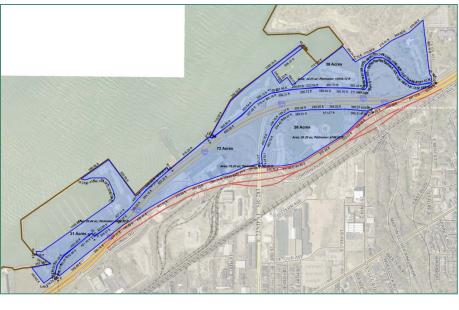
N = will not need to appear on either of the above agendas



Assisting communities with measures addressing Stormwater Management Issues





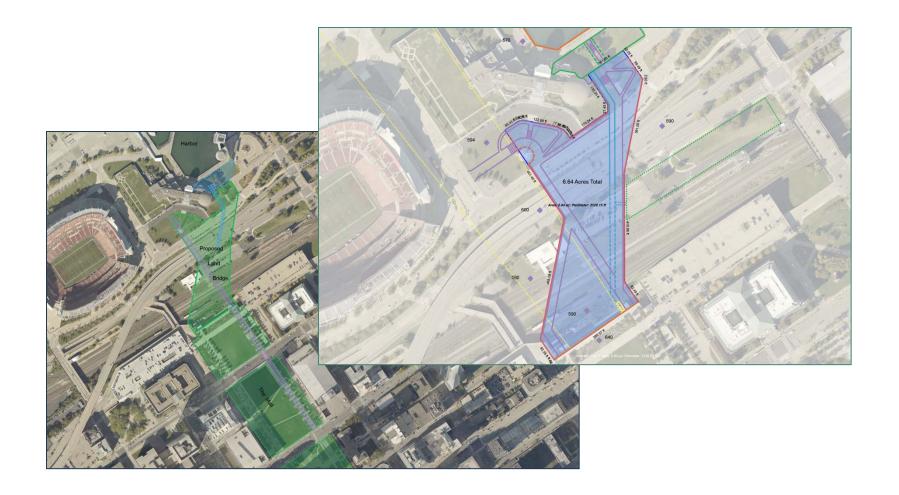


Proposed

Existing

Assisting Communities with Planning Initiatives





Assisting Communities with Planning Initiatives



Assisting Communities / Community Education



Community Engagement and Education





Brooklyn Intermediate School students take scientific field trip to Stickney Creek



On Sept. 29, Brooklyn Intermediate School's 7th grade students studied water samples and macro-invertebrates along Stickney Creek in Brooklyn's Memorial Park. (Photo courtesy of Big Creek Connects)

By John Benson, special to cleveland.com

BROOKLYN, Ohio - Brooklyn Intermediate School 7th grade science students recently took a walking field trip to Brooklyn's Memorial Park where they spent the morning testing water and searching for water bugs in Stickney Creek.



Brooklyn 7th graders



















4th Biennial

Greater Cleveland

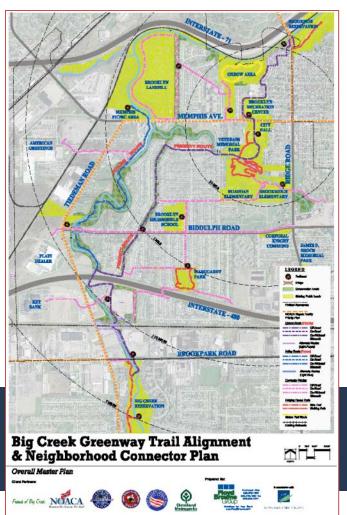
Trails & Greenways

Conference 2016

Connecting Recreation and Transportation

SAVE THE DATE

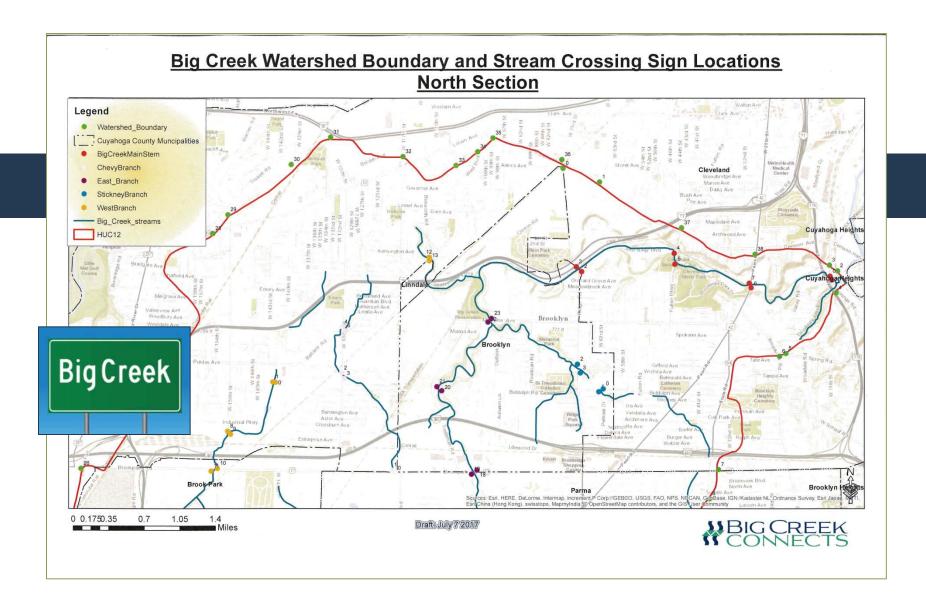






Implementation of Big Creek Greenway plans





Up to 54 stream crossing and 39 watershed boundary signs





Thank you!

Contact:

Bob Gardin, Executive Director

bgardin@bigcreekconnects.org



Sponsors





