

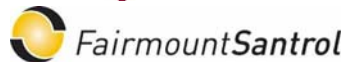


Board of Trustees Meeting

Mayfield Village Civic Center
December 8, 2016



Sponsoring Members



Sponsoring Members



Agenda

- Welcome
- September 13, 2016 Board Meeting Minutes
- Treasurer's Report for November 2016
- 2017 Proposed Budget
- 2017 Schedule of Meetings
- Board Officer Succession Planning
- Staff Activities and Project Updates
- Chagrin River Watershed Action Plan Breakout Session



November 2016 Treasurer's Report

CATEGORY	Approved Budget	Current Month	Year to Date	Budget Percent (%)
Budget Stabilization Fund	\$243,921	\$0	\$243,921	
OPERATING REVENUES	\$381,793	\$31,454	\$302,419	79%
OPERATING EXPENSES	\$406,534	\$27,845	\$308,822	76%
Program Development Fund	\$25,000	\$203	\$4,454	18%
NET OPERATING INCOME	\$259	\$3,609	(\$6,403)	
SPECIAL PROJECTS REVENUES	\$201,937	\$14,783	\$53,700	27%
SPECIAL PROJECTS EXPENSES	\$206,677	\$24	\$56,288	27%
NET SPECIAL PROJECTS INCOME	(\$4,740)	\$14,759	(\$2,588)	
INITIAL CASH	\$231,871		\$203,502	
TOTAL REVENUES	\$583,730	\$46,237	\$356,119	61%
TOTAL EXPENSES	\$613,211	\$27,869	\$365,110	60%
TOTAL NET INCOME	(\$29,481)	\$18,368	(\$8,991)	
CASH REMAINING	\$202,390		\$194,511	

Grants Awarded

- **Ohio EPA Section 319 Watershed Planning**
 - \$25,000 to update Chagrin River Watershed Action Plan
- **U.S. Forest Service Great Lakes Restoration Initiative**
 - \$70,000 for Sherman Preserve Riparian Restoration
 - Gates Mills Land Conservancy, Village of Gates Mills and Western Reserve Land Conservancy
- **ODNR NatureWorks**
 - Auburn Township Park Playground Enhancement \$11,669
 - Mayfield Heights Oakville Park Baseball Fields \$52,500
 - Willoughby Hills Campbell Park Tennis Court Revitalization \$19,395
 - Newbury Township Veteran's Park Playground \$11,669



2017 Proposed Budget



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Cash Balances and Operating Revenues

	2016 Actual	2016 Approved	Variance	2017 Proposed	2018 Prelim.
Cash Reserve	\$ 203,502	\$ 231,871	\$ (28,369)	\$ 153,624	\$ 84,407
Stabilization Fund	\$ 243,921	\$ 243,921	\$ 0	\$ 285,008	\$ 353,000
OPERATING INCOME					
Donations	3,391	1,500	1,891	3,500	5,000
Member Dues	110,628	111,710	-1,082	111,755	112,873
NEORS	35,000	35,000	0	35,000	30,000
Lake County SMD	27,500	27,500	0	27,500	32,500
Sponsor Contributions	5,000	5,000	0	5,250	5,750
Interest	420	400	20	425	450
External Service Fees	0	0	0	0	0
Miscellaneous	30	0	30	0	0
Grant Income	152,043	200,683	-48,640	223,999	254,429
Operating Revenues	\$ 334,012	\$ 381,793	\$ (47,781)	\$ 407,429	\$ 441,002



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Operating Expenses

	2016 Actual	2016 Approved	Variance	2017 Proposed	2018 Prelim.
Payroll	288,225	340,301	(52,077)	332,289	360,000
Office	23,301	29,110	(5,809)	37,540	44,950
Program Support	14,071	21,538	(7,467)	19,225	20,925
Professional Services	14,318	15,585	(1,267)	18,100	15,375
Operating Expenses	\$ 339,915	\$ 406,534	(66,619)	\$ 407,154	\$ 441,250



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Special Projects and Total Revenues/Expenses

	2016 Actual	2016 Approved	Variance	2017 Proposed	2018 Prelim.
OPERATING					
Income	334,012	381,793	(47,781)	407,429	441,002
Expenses	339,915	406,534	(66,619)	407,154	441,250
Net	\$ (5,904)	\$ (24,741)	\$ 18,838	\$ 275	\$ (248)
SPECIAL PROJECTS					
Income	65,766	201,937	(136,171)	259,570	2,516
Expenses	68,653	206,677	(138,024)	261,070	516
Net	\$ (2,887)	\$ (4,740)	\$ 1,853	\$ (1,500)	\$ 2,000
TOTAL REVENUES	399,778	583,730	(183,952)	666,999	443,518
TOTAL EXPENSES	408,568	613,211	(204,643)	668,224	441,766
CASH REMAINING	\$ 194,712	\$ 202,390	\$ (7,678)	\$ 152,399	\$ 86,159
STABILIZATION FUND	\$ 243,921	\$ 243,921	\$ 0	\$ 285,008	\$ 353,000

2017 MEETING SCHEDULE

BOARD OF TRUSTEES

- 4:00 - 6:00 p.m.
 - Thursday, February 16
 - Thursday, May 18 (Annual Meeting)
 - Tuesday September 19
 - Thursday, December 14

EXECUTIVE COMMITTEE

- 4:30 - 6:00 p.m.
 - Monday, January 16
 - Monday, March 20
 - Monday, April 17
 - Monday, June 19
 - Monday, August 21
 - Monday, October 16
 - Monday, November 20



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Board Officer Succession Planning

Greg Studen, President



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Staff Activities and Project Updates



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Summary of Member Services

- Visited **15** sites to assist landowners and communities with flooding, erosion and stormwater concerns
- Applied for **8** grants for member and CRWP projects
- Assisted **14** communities with stormwater and erosion and sediment control code updates
 - Willoughby Hills and Kirtland adopted, others are working toward adoption
- Reviewed **1** member project plan
- Conducted **6** trainings on inspecting, maintaining and designing permeable pavement and bioretention, and presented at **4** regional workshops
- Mentor Green Infrastructure Project Video - <https://youtu.be/CPLouSZHEvY>

Phase II Requirements and Deadlines

- MOUs for Phase II services
- Model codes and Stormwater Management Program (SWMP) template available
- Updates due December 22, 2016 (or 2 years from permit renewal)
- Contact the Watershed Partners for assistance with updates and addressing Total Maximum Daily Loads



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Central Lake Erie Services

- **Grand-Ashtabula-Conneaut Partnership** – Harpersfield Dam streambank stabilization
- **Bluestone Creeks** - Community code updates and wetland assessments
- **Euclid Creek Watershed Council** - Community codes and stormwater projects
- **Lake Soil and Water Conservation District** –McKinley Creek and Marsh Creek stream/wetland restoration and green infrastructure projects
- **Cuyahoga River Restoration** – Cleveland Metropolitan School District green infrastructure and City of Kent stormwater code assistance
- **Friends of Big Creek** - Restoration and stormwater retrofit planning
- **Doan Brook Watershed Partnership** - Community code updates
- **Rocky River Watershed Council** – Stormwater retrofit, stream restoration and ditch projects
- **Friends of Plum Creek** (Underserved request) - Student riparian enhancement project

AQUAHACKING 2017
UNITED FOR LAKE ERIE

TWO COUNTRIES, FOUR CITIES, ONE GREAT LAKE

\$100k Data Challenge March and April 2017
 Two Day Summit, Cleveland May 2 and 3, 2017



aquahacking2017.com

Stormwater Inspection and Maintenance Training



Partners/Program Development Team
 City of Cleveland Office of Sustainability
 Chagrin River Watershed Partners, Inc.
 Cleveland Metroparks
 Cuyahoga County Board of Health
 Cuyahoga Soil and Water Conservation District
 Northeast Ohio Regional Sewer District
 Northeast Ohio Storm Water Training Council
 The Holden Arboretum
[Western Reserve Land Conservancy](#)

Training Modules

- Bioretention and Rain Gardens
- Detention Basins
- Permeable Pavement
- Green Roofs
- Rainwater Harvesting
- Trees

To request a customized training contact the Watershed Partners
abeattie@crwp.org







Re-imagining the Lakefront Across Cleveland and Ohio's Erie Shore

VISION • COMMUNICATION • ADVOCACY • ENGAGEMENT

<https://www.surveymonkey.com/r/clevelandlakefront>

Complete the survey to share your views and how you interact with the lakefront and Lake Erie!

Clean Ohio Greenspace Conservation Program



- Administered by OH Public Works Commission
 - Open space acquisition
 - Sensitive ecological areas
 - Stream corridors
- Eligible activities:
 - Acquisition expenses
 - Planning and implementation
 - Site enhancement or restoration
 - Design
- Deadlines:
 - Cuyahoga County District 1 NRAC
 - September 16: request for county council resolution
 - October 28: completed application
 - Lake, Geauga, Portage Counties District 7 NRAC
 - October 1 – January 27
- 64 / 101 projects funded from 2000-2016
- Contact CRWP for assistance



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Ohio Environmental Education Fund



- **Target areas of focus**
 Demonstrating and encouraging:
 - Best management practices for nutrients
 - Innovative storm water management practices
 - Reducing air emissions
 - Habitat restoration importance
- **Example**
 - Stormwater management training for MS4 municipal employees in Northeast Ohio
- **2017 RFP will be released in October**



January 9, 2017 – letter of intent due
 January 17, 2017 – application deadline



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Great Lakes Restoration Initiative

Projects to restore and protect the Great Lakes.

- **Urban Watershed Management Implementation**
- **Invasive Species Control**
- **Foundations for Invasive Species Collaborations**
- Up to \$16.9 million for projects in these categories
- For more information visit www.epa.gov/great-lakes-funding/great-lakes-restoration-initiative-2016-rfa
- Contact Heather Elmer at helmer@crowp.org or 440-975-3870.



Ohio's Volkswagen Mitigation Grant Ohio EPA Seeks Community Input

- Ohio EPA developing state mitigation plan that describes how Ohio intends to use its portion of the Volkswagen consent decree/settlement to offset effects of diesel emissions from buses, trucks, boats, trains and other equipment
- Anticipated Ohio Share: \$71.4 million over ten years,
- Grants for projects that produce air quality benefits
 - Reducing emissions of nitrogen oxides (NOx)
 - Reducing public exposure to the pollutants in diesel exhaust
 - Promoting clean vehicle technologies (charging stations)
- Ohio EPA to submit plan to US EPA spring 2017
- First RFP anticipated Fall 2017
- Lake, Geauga and Cuyahoga are identified as possible first priority counties
- Portage is currently identified as a possible second priority county
- <http://epa.ohio.gov/oe/EnvironmentalEducation.aspx#131365122-vw-mitigation-grants>
- To submit comments on plan or receive email updates send contact information to derg@epa.ohio.gov



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Watershed Planning Update



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What is a Watershed Action Plan?

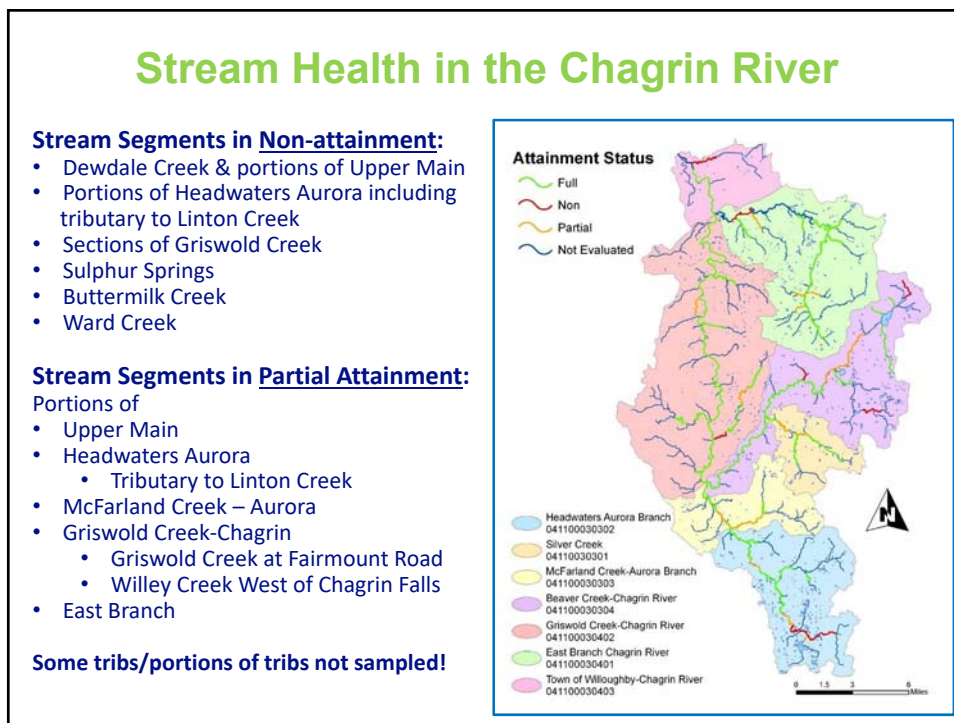
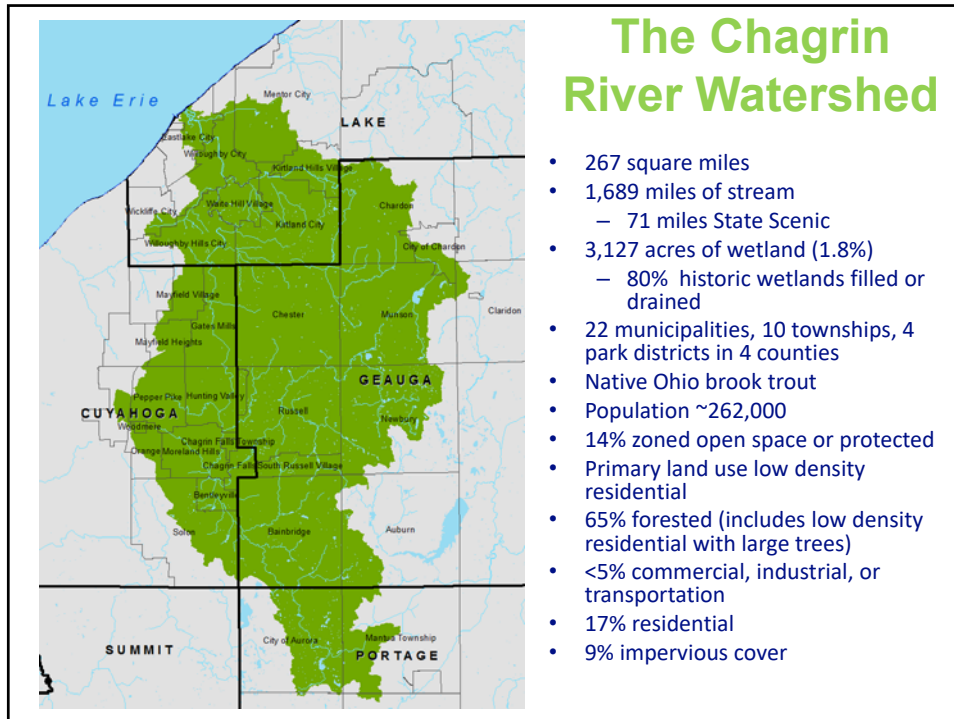
- Inventory of watershed conditions
- Identifies existing & potential future water quality and aquatic health problems
- Determines sources/causes of current and potential future problems
- Proposes solutions to identified problems
 - Zoning and land use
 - Riparian/wetland preservation
 - Restoration of impaired areas
 - Stormwater runoff reduction



Current Chagrin River Watershed Action Plan Goals

1. Watershed inventory, planning and research
2. Adoption of best local land use practices
3. Protection of open spaces, streams, floodplains and wetlands
4. Restoration of streams, wetlands and floodplains
5. Sediment, Nutrient, Bacteria level reduction





Challenges in the Chagrin River Watershed

- Sediment loading from runoff and erosion
- Filling and drainage of wetlands for development
- Stormwater runoff and pollution
- Stream channelization and modification (dams, piping, etc)
- Nutrient enrichment from failing septic systems, package plants, wastewater treatment plants, and suburban lawn care
- Flooding



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Why Update the Plan?

- Previous plan completed in 2006, updated 2011
- To meet Clean Water Act and community goals
- Necessary for many sources of funding for watershed restoration
- New information, ideas for projects
- Assess where we are and update priorities



Breakout Session

- We want to hear from you!
 - Known issues and problem areas
 - High quality streams, wetlands, forests
 - Opportunities and ideas for restoration/improvement
 - Potential "critical areas"
 - Research, monitoring and information needs
 - Stakeholders – who isn't here that should be involved

Subwatershed Groups

Subwatershed	Facilitator(s)
Upper Chagrin: Beaver Creek - Chagrin River	Christina Znidarsic & Matthew Smith
Silver Creek	Bill Tomko, Paul Pira
Lower Aurora Branch: McFarland Creek-Aurora	Alicia Beattie and Linda Moran
Headwaters Aurora Branch	Kim Lawson & Heather Elmer (float)
Mainstem Chagrin River: Griswold Creek – Chagrin River	Jenn Grieser and Greg Studen
East Branch	Roger Gettig and Dan Donaldson
Lower Chagrin River: Town of Willoughby	Peter Whiting and Jason Kasunick

Breakout Session Agenda

4:40 PM	Brief subwatershed overview. ID note taker and person to report out
4:45 PM	Identify nonpoint source pollution and other challenges
5:00 PM	Identify high quality ecosystems
5:15 PM	Potential "critical areas"
5:25 PM	Protection and restoration strategies (if time allows)
5:30 PM	Research and information needs (if time allows)
5:35 PM	Select key challenges, proposed critical areas to share
5:40 PM	1-2 minute report outs and next steps

Next Steps



Next Steps

- Engage additional stakeholders
- Collect habitat data and other data from partners
- Compile known issues
- Set goals and targets
- Determine applicable solutions/strategies
- Follow-up stakeholder meetings
- Contact us with additional input
- Submit plans to Ohio EPA
- Annual check in on implementation progress

Chagrin River Watershed Action Plan Updates

- Plan updates fall 2016 – March 2017
- Subwatershed plans focused on nonpoint pollution
- Required for grant eligibility
- Member and community input requested
- OEPA grant providing partial funding for plan development
- Fast-track plans
 - East Branch – Keely Davidson-Bennett
 - Beaver Creek – Christina Znidarsic
 - Griswold Creek – Alicia Beattie
 - McFarland Creek – Kim Lawson
- Continue to take input post-





Thank you!
Any Questions?



CHAGRIN
RIVER
WATERSHED
PARTNERS

Keeping watersheds healthy today and
for future generations.
Visit www.crowp.org and click on 'support us'.