



**2012 Member Dues**

- 2011 Member Dues = \$113,907.
- No increase proposed for 2012.
- For every \$1 in Member dues CRWP has leveraged \$2.34 in grants and external services.

**Conflict of Interest Policy**

CHAGRIN RIVER WATERSHED PARTNERS, INC.  
 CONFLICT OF INTEREST POLICY:  
 ACKNOWLEDGMENT AND FINANCIAL INTEREST DISCLOSURE STATEMENT

Chagrin River Watershed Partners, Inc. (the "Organization") follows a conflict of interest policy designed to foster public confidence in our integrity and to protect our interest when we are contemplating entering a transaction or arrangement that might benefit the private interest of a trustee, a corporate officer, our top management official and top financial official, or any of our key employees.

**Part I. Acknowledgment of Receipt**

I hereby acknowledge that I have received a copy of the conflict of interest policy of (Name), have read and understood it, and agree to comply with its terms.

Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Printed Name \_\_\_\_\_

**Funding and Grants**

- New Funding
- Pending Proposals
- External Services
- Upcoming Funding Opportunities

## New Funding

- **Ohio EPA 319 Grant:** City of Aurora: Harmon Homestead Project
- **Ohio EPA SWIF Grant:** Chester Township Parking Lot Retrofit
- **Lake Erie Protection Fund:** Reducing Sedimentation in Roadside Ditch maintenance
- **Great Lakes Basin Fish Habitat Partnership** with Cleveland Metroparks and the Emerald Necklace Chapter of Trout Unlimited
- **Northeast Ohio Regional Sewer District Watershed Program Grant**

## Great Lakes Basin Fish Habitat Partnership Grant

### Sulphur Springs Restoration and Assessment

- **\$46,000** - US Fish and Wildlife Service Grant
- **Partners:** CRWP, Cleveland Metroparks, Emerald Necklace Chapter of Trout Unlimited



## Sulphur Springs Restoration and Assessment

- **Restore** 400 linear feet of stream and 0.5 acres riparian corridor impacted by historic impoundment
- **Monitor** streams to assess urban impacts of temperature, flow, sediment to coldwater streams
- **Outreach:** Provide recommendations to communities and property owners on activities to protect and restore coldwater streams
- **Status:** Data collection already started
- **Timeline:** Construction Summer 2012.



## NEORSD Watershed Grant Program

- **Grant Award:** \$35,000
- **Operational support for direct Member services:**
  - Updating Local Codes
  - Site Visits to Landowners
  - Grant Applications
  - Phase II Compliance and Technical Assistance
  - Plan Review



## Pending Proposals

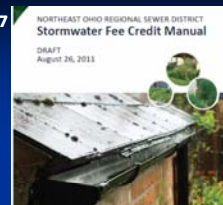
- **National Estuarine Research Reserve System Science Collaborative:** Peak Discharge Credit and Runoff Reduction modeling, sampling, and implementation: **\$821,000**
- **Gund Foundation Grant:** Complete needs assessment and CRWP long term work plan development: **\$25,000**

## External Services

- **Approved by CRWP Board of Trustees in 2007**

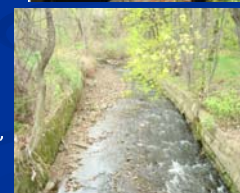
### Past External Services:

- Assist communities with code review and adoption
- NEORSD Stormwater Fee Credit Manual
- Wetland and Mitigation Site Evaluation



### Current External Services:

- Doan Brook Enhancement Project
- Black River Watershed Action Plan with Coldwater Consulting
- Tinkers Creek Watershed Partners: Phase II, Training, Funding Updates and Community Code Review



## Upcoming Funding Opportunities

- US Fish and Wildlife Service: Great Lakes Basin Fish Habitat Partnership
- Alternative Stormwater Infrastructure Loan Program
  - ODNR: Coastal Management Assistance Grants
    - Lake Erie Protection Fund
  - Ohio EPA Surface Water Improvement Grants
  - Ohio EPA 319 Grant Program

## Great Lakes Basin Fish Habitat Partnership Grant

- Focus on fish habitat protection and restoration.
  - Remove fish barriers
  - Restore streams and riparian corridors
- Due October 14, 2011
- Expect to fund 8 projects ranging from \$50,000-\$75,000 each.
- Projects must be completed in 2 years.



## Alternative Stormwater Infrastructure Loan Program

- Partnership between the Ohio Water Development Authority (OWDA) and the Ohio Department of Development.
- \$5 Million in below-market-rate loans (not to exceed 2%)
- Alternative stormwater infrastructure must utilize or incorporate sustainable practices such as bioswales, green roofs, constructed wetlands, and rain gardens.
- Projects must occur on previously or currently developed land.
- Applications are accepted on an open cycle; interested parties must register using the meeting request form found on the program webpage at <http://development.ohio.gov/Urban/ASILP.htm> under "Program Materials."

## Coastal Management Assistance Grants

- **Funding for:**
  - Watershed Planning and Implementation
  - Public Access
  - Natural Resource Protection and Restoration
  - Education
- **Funding priorities:**
  - Development of watershed balanced growth plans
  - Development or enhancement of public non-motorized watercraft (canoe, kayak, etc.) access sites that are located in Ohio's designated Coastal Management Area.
- \$250,000 Available ; Requires 50% match
- Due November 18, 2011; Grants begin in June 2012
- **Grant Workshop:** October 13 from 9-12 pm at Cleveland Watercraft Office

## Lake Erie Protection Fund

- Due November 14, 2011
- Communities participating in a Balanced Growth Plan get priority funding.
- Projects up to \$15,000 with at least 25% match.



## Lake Erie Protection Fund Grant

### Roadside Ditch Grant Project

## Lake Erie Protection Fund Grant Roadside Ditch Stabilization BMP Training

- **Target Audience:** Road and Service Department Staff
- **Partners:** Lake & Geauga County Engineers Office, Lake & Geauga County SWCDs, Lake County Storm Water Department, Absolute Contracting, Inc. & Innovative Turf Solutions
- **Grant Award:** \$15,000 Ohio Lake Erie Commission
- **Free Training:** Field exercise session & product demo
- **Demonstration sites:** 3 test sites with sediment loss monitoring
- **Results:** Summer 2012

## Roadside Ditch Stabilization BMP Training

**Training Date:** October 21, 2011 8:00AM – Noon

**Training Location:** Lake County Department of Utilities  
1981 Blasé Nemeth Road, Painesville Township  
(adjacent to Lake County Landfill entrance)



## Roadside Ditch Erosion Control BMPs

- **Biostimulants** for seed germination
  - Reduces germination time by 60%
  - Increases seed yield to 99%
- **Super absorbent hydro mulch**
  - Heat stress control & lasting moisture retention
- **Flocculants**
  - Increased settling rates for suspended sediments
- Check dam dissipaters – **GeoRidge & Straw wattles**
  - Effective energy control during intense rain events



## Staff Activities

- Climate Change Workshop
- 319 Projects
- SWIF Projects
- SWP3 assistance
- Eastlake Port Authority, Lake Metroparks, WRLC North Island
- ODNR Dam Safety Training
- Cuyahoga County Hazard Mitigation Plan
- SWIMS Database to track field visits, plan reviews, & BMP installations

## Climate Change Workshop

- August 10<sup>th</sup> at Cleveland Museum of Natural History
- Presented latest science research and forecast models regarding the impacts a changing climate could have on Great Lakes' coastal communities and ecosystems.
- Focus on actions communities can take today to prepare and adapt to the impacts of a changing climate.
- Focus groups ALL identified stormwater management and increased rainfall/rainfall intensities as a key vulnerability that should be addressed.



## Kenston Lake: Bainbridge Township



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## Other 319 Grant Projects

- Chagrin Falls Village: IVEX Dam Modification
- Lake Metroparks: Pleasant Valley Nursery
- City of Aurora: Harmon Homestead Restoration Project
- Mayfield Village: Wiley Park Stormwater Retrofit

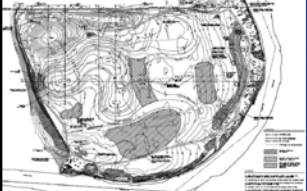



## Pleasant Valley Park 319

Lake Metroparks – Willoughby Hills

**Project BMPs:** Earthen levee removal – 650 linear feet  
 Impervious gravel removal – 9.2 acres  
 Wetland restoration – 3.5 acres  
 Flood plain forest/meadow restoration – 17 acres

**OEPA Grant Award:** \$349,584 Local Share: \$251,806 Total: \$601,390  
**Project Design:** Completed by URS  
**Project Construction:** September – December 2011

## Harmon Homestead Restoration

City of Aurora

**Restore:**

- 3,190 linear feet of stream channel
- 3.1 acres of wetland
- 17.5 acres of riparian area

**Ohio EPA Grant Award:** \$475,075  
**Local Share:** \$250,000 (Donated Easement Value)  
**Construction:** Summer 2012






## Wiley Park 319

Mayfield Village

**Project BMPs:** Bioretention Cell – 650 square feet  
 Pervious Pavers Parking Area – 8,000 square feet

**OEPA Grant Award:** \$184,429 Local Share: \$46,108 Total: \$230,537  
**Project Design:** Completed by Stephen Hovancsek & Associates, Inc.  
**Project Construction:** September – October 2011

## Surface Water Improvement Fund (SWIF) Grant Projects

- Village of Hunting Valley
- Village of Gates Mills
- Chester Township
- City of Eastlake
- City of Mayfield Heights

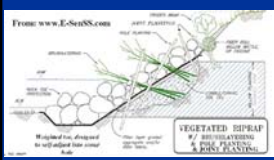

## Hunting Valley and Gates Mills SWIF Grants

**Hunting Valley**

**Project BMPs:** 400 linear feet of bank stabilization  
**OEPA Grant Award Amount:** \$137,500  
**Project Status:** Bid documents being prepared

**Gates Mills**

**Project BMPs:** Bioretention and rain garden  
**OEPA Grant Award Amount:** \$87,525  
**Project Status:** Bid documents being prepared

## Chester Township SWIF Grant

**Project BMPs:** 3 Bioretention Cells – 1,300 sq. ft.  
 Pervious Paver Parking Area – 3,806 sq. ft.  
 West Geauga H.S. Rain Garden – 1,000 sq. ft.

**OEPA Grant Award Amount:** \$77,250  
**Project Design:** Completed by Land Design Consultants, Inc.  
**Project Status:** Scheduled construction – Spring 2012




## Mayfield Heights SWIF Grant

**Project BMPs:** Bioswales – 6 parking islands  
 Porous Concrete – 3,380 sq.ft.  
 Tree Vaults – 9 vaults

**OEPA Grant Award Amount:** \$231,900

**Project Design:** Completed by URS

**Project Status:** Completed July 2011

Featured on NEOSWTC Tour for stormwater retrofits



## Eastlake SWIF Grant

**Project BMPs:** 2 Bioretention Cells – 2,700 sq.ft.

**OEPA Grant Award Amount:** \$64,479

**Project Design:** Completed by CT Consultants

**Project Status:** Completed September 2011



## SWP3 Assistance

Evaluation, planning & implementation assistance provided to the following Service Departments

- >Aurora
- >Chagrin Falls Village
- >Eastlake
- >Kirtland
- >Lake Metroparks
- >Mayfield Village
- >Orange Village
- >Willowick



Minimum Control Measure #6 Good Housekeeping requirement for NPDES Phase II MS4 permits - to be completed within the year 2011.

## ODNR Dam Safety Meeting

**October 26, 2011 at Willoughby Hills Community Center 6:30-8:30 PM**

- CRWP, ODNR, and Geauga, Lake, Cuyahoga, Portage SWCDs
- Dam owners, community service directors, HOAs, anyone responsible for maintaining a dam
- Dam Owner Responsibilities & Liabilities
- How Dams Work & Why They Fail
- Pond Maintenance & Management



## Cuyahoga County Hazard Mitigation Plan

- Required to qualify for FEMA Hazard Mitigation Assistance grant project funds
- Cuyahoga County updates Plan with assistance from local communities and entities (NEORS, CRWP, SWCD)
- Ranks natural hazards, develops region-specific actions and strategies





**Dam Safety Meeting**

**October 26<sup>th</sup>**

**6:30-8:30**

**Next Meetings**

**Executive Committee October 17, 2011  
at Gates Mills Village Hall**

**Board of Trustees December 8, 2011**