

2019 Education and Outreach: Raw Numbers

Community Blue Grant Projects

- 5 grants active in 2019. 1 Grant initiated and completed in 2019, 3 grants initiated in 2018 and completed in 2019, 1 grant initiated in 2019 and continuing to 2020
 - Vadnais Heights Native Planting: 2019 (complete)
 - Interpretative signage for new native planting at Vadnais Heights Commons
 - \$400
 - Creative Landscaping: 2019 – 2020 (incomplete)
 - Master Water Stewards to build a demonstration project for watershed friendly landscaping: raingardens, groundcovers, erosion control. Photographing and public tour of projects and other local BMP's.
 - \$6,369 awarded
 - Connect the Drops: 2018-2019 (complete)
 - 3 local congregations partnering for clean water youth-in-action projects: Music, messaging, water-walk events, and curriculum development
 - 30 in-kind volunteers, 2,522 people reached or exposed to project
 - Tree planting and “watershed” game” conducted at Frassati Academy
 - 4 adopt-a-drain adoptions at Frassati Academy
 - 8 adopt-a-drain adoptions at Christ the Servant Lutheran
 - Education supplies rental by Christ the Servant Lutheran
 - Vadnais Heights Elementary Raingarden Maintenance by Christ the Servant Lutheran
 - Chippewa Middle School Raingarden Maintenance by Peace United Methodist Volunteers
 - \$5,600 awarded
 - \$19,674 total project value including in-kind volunteer hours
 - Picture Posts at Birch Lake: 2018 - 2019 (complete)
 - The Birch Lake Improvement District (BLID) building picture posts to help residents participate in lake and shoreline monitoring as well as prompt action for watershed stewardship.
 - Wetland education walk: 4 participants
 - \$350
 - Clean Stormdrains: 2018-2019 (complete)
 - Vadnais Heights Residents and the John Mitchell Neighborhood Association partnering to promote adopt-a-drain and clean out stormdrains in their neighborhood.
 - 2 participant leaders, 22 in-kind volunteers, 77 households reached
 - \$668 awarded
 - \$2,479 total monetary value including in-kind volunteer hours.

Workshops & Community events

- White Bear Lake 'Bearly Open': Booth
 - February 2nd
- Connect the Drops kick-off: Community Blue grant
 - February 10th
 - 40 participants
- Charley, Deep and Pleasant Lakes stakeholder meeting
 - March 12th
 - 12 participants
- Aquatic Invasive Species volunteer training
 - April 17th
 - 5 participants trained
- Vadnais Lake trash pick-up
 - May 4th
 - 6 participants
- "Raingardens and Beyond" workshop
 - May 8th
 - 17 participants
- Saint Paul Regional Water Services open house: Booth
 - May 9th
- North Oaks garden club: Booth
 - May 11th
 - 1 volunteer active
- North Oaks Lake Assc stakeholder meeting
 - May 14th
 - 20 participants
- Native Plant workshop: May 16th
 - 36 participants
- World Otter Day Celebration: White Bear Lake Library
 - May 24th
 - 45 participants
- Spring plant swap:
 - May 25th
 - 6 participants
 - 3 volunteers active
- North Oaks Frog and Toad call event
 - May 31
 - 30 participants
- Landscape Revival: Booth, Shoreview
 - June 1st
- White Bear Lake Block Party Support: Education Materials Rent
 - June 2nd
- Turf Talk: U of M Guest Speaker
 - June 5th
 - 12 participants
- VH Ice Cream Social: Vadnais Heights:

- June 19th
- 1 volunteer active

Workshops & Community Events Continued

- “Water Bugs” macroinvertebrate pop-up education: Booth
 - July 17th
- Aquatic Invasive Species on-site training: Sucker Lake channel
 - July 16th
 - 2 volunteers trained
- White Bear Lake MarketFest
 - July 25th
- Whitaker Treatment Wetlands public tour: White Bear Township
 - August 1st
 - 5 participants
- Neighborhood Raingarden and Native Plant Tour: Vadnais Heights, North Oaks
 - August 25th
 - 2 volunteer coordinators, 15 participants
- Raingardens 101: Vadnais Heights City Hall
 - September 5th
 - 3 participants
- Aquatic Plant Demo/workshop: Birch Lake Rotary Preserve
 - September 12th
 - 10 participants
- Fescues and Turf Alternatives: U of M guest speaker
 - September 25th
 - 12 participants
- LeafPack Training:
 - October 2, October 8, October 24th
 - 5 volunteers active
- Lake Care Weekend: Goose Lake Clean-up in White Bear Lake
 - October 18-20
- Water Matters: Road Salt – MPCA Guest speaker
 - October 23rd
 - 75% of BOD attended, 1 TEC
- Smart Salting Training: City/MS4 workshop
 - November 7th
- White Bear Lake Volunteer expo
 - November 13th
- Connect the Drops end-of-year celebration: Community Blue public event
 - November 10th
 - 21 participants
- 2019 Watershed Celebration: Board, TEC, volunteer thank-you event
 - November 14th
 - 18 participants
- Ramsey County AIS workshop – partnership
 - November 21st

Cost share grants resulting from workshops: 1 raingarden, 2 rainbarrel

WAV & Citizen Science

- Adopt-a-Raingarden training/service:
 - Vadnais Heights Elementary
 - July 11th
 - 5 volunteers
 - Fox Meadow
 - September 17th
 - 1 volunteer
 - Gem Lake Heritage Hall
 - June, 2019
 - 3 volunteers
 - Chippewa Middle School
 - October, 2019
 - 7 volunteers
 - Vadnais Heights City Hall
 - September, 2019
 - 3 volunteers
- Buckthorn Removal Service Days
 - 8 work days: Vadnais Heights City Hall/ Birch Lake 4th and Otter
 - AFSA High School Service Day
 - 27 volunteers
- Adopt-a-Raingarden: Gem Lake Heritage Hall maintenance
 - June 3rd, June 25th
 - 3 volunteers
- Vadnais Heights Commons Native Planting
 - June 9
 - 12 volunteers
- LeafPack macroinvertebrate monitoring
 - 3 trainings held, 5 active volunteers in documenting aquatic macroinvertebrate species and bio-indicators of Lambert Creek water quality.
- Adopt-a-Drain: ongoing
 - 67 stormdrains adopted in watershed
 - 15 reported volunteer hours
 - 521 lbs of collected debris reported
 - www.adopt-a-drain.org
- Active volunteers with training and specific tasks to conduct:
 - Master Water Stewards: 2
 - Booth support, project development, event coordination
 - Watershed Action Volunteers: 3
 - 1 photographer
 - 1 booth support, event coordination
 - 1 wetland meander survey
 - Picture posts: photo phenology project on Pleasant, Birch, Sucker Lakes

- 5 volunteers actively engaging in citizen science phenology
- Citizen Advisory: 6 active volunteers
 - Provide feedback and brainstorming for VLAWMO Education and Outreach

K-12 & Youth Programs

- Lakeaires Elementary School visit: March, 2019
- Vadnais Heights Elementary School visit: May 17th
 - Stormwater Mapping activity and raingarden maintenance
 - 60 students
- Vadnais Heights summer day camp: June 26th, July 11th
 - Macroinvertebrates at Sucker Channel
 - 25 students
- White Bear Lake School District Planning Sessions
 - August, September, 2019
- Children’s Water Festival Assistance
 - September 25th, 2019
- AFSA Class visit
 - October 15th

Newspaper & City Newsletter Publications

- “Cleaning up Goose, watershed’s most impaired lake” (DT)
White Bear/Vadnais Heights Press, December 26, 2018
- Faces of Wetlands Great Blue Heron article
North Oaks News: February (DT)
- Remote cameras/wildlife/photo exhibit White Bear Press and Vadnais Heights:
March (DT)
- Swan fatalities, Pioneer Press: March (DT) – *article picked up nationally*
- “Trumpeter swans died from lead poisoning at Twin Cities lake” (Associated Press)
MPR, March 30, 2019
- “For the love of swans” (Sara Marie Moore)
White Bear/Vadnais Heights Press, April 10, 2019
- “Remote camera results and coyote behavior”, North Oaks News: April (DT)
- White Bear Press and Vadnais Heights Press: Swans and lead toxicity, April (DT)
- Silver-haired Bat article, North Oaks News: May (NV)
- “Future directions for North Oaks Lakes” North Oaks News: May (DT)
- Frogs and toads as indicators of habitat quality- North Oaks News: May (DT)
- Native Species Garden at VH Commons: (DT, NV, Tim Sandvik)
VH Summer Newsletter
- Native plants take root at Community Park
Vadnais Heights Press, September 2019 (Sara Marie Moore)
- “Getting to know aquatic plants” North Oaks News, September 2019 (DT)
- Adopt-a-Drain, Goose Lake clean-up day: White Bear Lake City Newsletter:
September (NV)
- Motorized boating ban a possibility on impaired lake (Debra Neutkens)

White Bear/Vadnais Heights Press, October 23, 2019

- Goose Lake boating ban postponed to 2020 (Debra Neutkens)
White Bear/Vadnais Heights Press, October 30, 2019
- Road Salt Use: Vadnais Heights City Newsletter: December (NV)
- “Japanese Barberry”, (DT) “Many Levels of Conservation” (NV):
North Oaks News: December

19 publications

MS4 Municipal Partnerships

- Pet Waste outreach with White Bear Township
 - 200 mailings
- Adopt-a-Drain partnership with White Bear Lake
 - Goose Lake subwatershed focus
- Raingarden and BMP maintenance development with Vadnais Heights
 - Maintained VH City Hall raingarden with support from VH public works and city hall staff, removal of reed canary grass and replacement of native plants at VH Community Commons, controlled burn in native prairie planting at VH City Hall, assistance with Buckthorn removal in wooded wetland restoration behind VH City Hall.