



Nine Mile Creek Discovery Point
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 ninemilecreek.org

MEMO

TO: Nine Mile Creek Board of Managers
FROM: Erica Sniegowski
DATE: April 13, 2021
RE: Stewardship Grant Applications 2021

Background

The District received 13 complete grant applications requesting \$144,738.80 in funding. There were 11 residential and 2 business applications.

Recommended Funding

Staff recommends funding the following applications based on the table below, totaling \$106,244.79. This includes the following breakdown of application types: 8 residential and 2 business.

| Applicant | Project Type | Total Project Budget | Requested Grant Funds | Recommended Funds |
|-----------------------------------|------------------------------------|----------------------|-----------------------|---------------------------|
| Residential | | | | |
| Angie Begosh & Jason Riggins | Raingarden | \$3,055.15 | \$1,953.41 | \$1,953.41 |
| Laura & Chris Butts | Raingarden | \$6,561.27 | \$4,902.27 | \$4,902.27 |
| Dan & Heidi Niziolek | Pervious pavement | \$5,610.00 | \$4,150.00 | \$4,150.00 |
| Kimberly Oleson | Shoreline buffer | \$6,301.70 | \$4,725.29 | \$4,725.29 |
| Amy & Sean Padden | Shoreline buffer | \$6,479.61 | \$4,859.70 | \$4,859.70 |
| Michael & Amber Paddock | Raingarden | \$6,700.20 | \$4,928.17 | \$4,299.37 |
| Krista Stout & Sol McCormick | Raingarden | \$4,002.00 | \$2,802.00 | \$2,802.00 |
| Aaron Sullivan | Shoreline buffer | \$3,985.00 | \$2,988.75 | \$2,998.75 |
| Business | | | | |
| Hopkins Plaza Limited Partnership | Raingardens | \$77,722.00 | \$50,000.00 | \$50,000.00 |
| Minneapolis Area Realtors | Underground cistern & reuse system | \$67,219.00 | \$50,000.00 | \$25,554.00 |
| | | | | Total \$106,244.79 |

Application Summaries

Residential

Begosh & Riggins- Raingarden (10908 Washburn Ave S, Bloomington), \$1,953.41

Installation of a 160 sq ft front yard raingarden that will collect runoff from a roof and parking pad.

Butts- Raingarden (1401 W 100th St, Bloomington), \$4,902.27

Installation of a 680 sq ft front yard raingarden that will collect runoff from a roof and front lawn.

Niziolek- Pervious Pavement Driveway (10125 Drew Ave S, Bloomington), \$4,150.00

Installation of an 800 sq ft pervious paver driveway that will collect runoff from the roof, sidewalk, and lawn, and installation of 325-gallon underground cistern for water reuse.

Oleson- Shoreline Buffer (5432 Maple Ridge Court, Minnetonka), \$4,725.29

Installation of a 1,320 sq ft streambank buffer along Nine Mile Creek.

Padden- Shoreline Buffer (8231 Quinn Rd, Bloomington), \$4,859.70

Installation of an 880 sq ft shoreline buffer along Pauly's Pond.

Paddock- Raingarden (15612 Willowood Dr, Minnetonka), \$4,299.37

Installation of a 100 sq ft front yard raingarden that will collect runoff from the driveway, roof, and lawn. This project will also help reduce erosion to Lake Rose.

Stout & McCormick- Raingarden (10530 Vincent Ave S, Bloomington) \$2,802.00

Installation of a 180 sq ft front yard raingarden that will collect runoff from the roof and lawn.

Sullivan- Shoreline Buffer (4924 W 82nd St, Bloomington), \$2,988.75

Installation of an 800 sq ft shoreline buffer along Victoria Pond.

Business

Hopkins Plaza Limited Partnership- Raingardens (151 on 8 Apartments, 151 8th Ave S, Hopkins), \$50,000

This location is a highly visible area in Hopkins and the 151 on 8 Apartments is a diverse, multi-family residential property. This project install seven raingardens to infiltrate roof and sidewalk runoff and runoff from vegetated areas. These raingardens are sized to capture and infiltrate 93% of the annual volume of runoff directed to them, as well as 93% of Total Suspended Solids and 94% of Phosphorus. That equates to 212,170 gallons of runoff, 329 pounds of sediment and 1.3 pounds of phosphorus annually, that will be intercepted and infiltrated in the proposed raingardens.



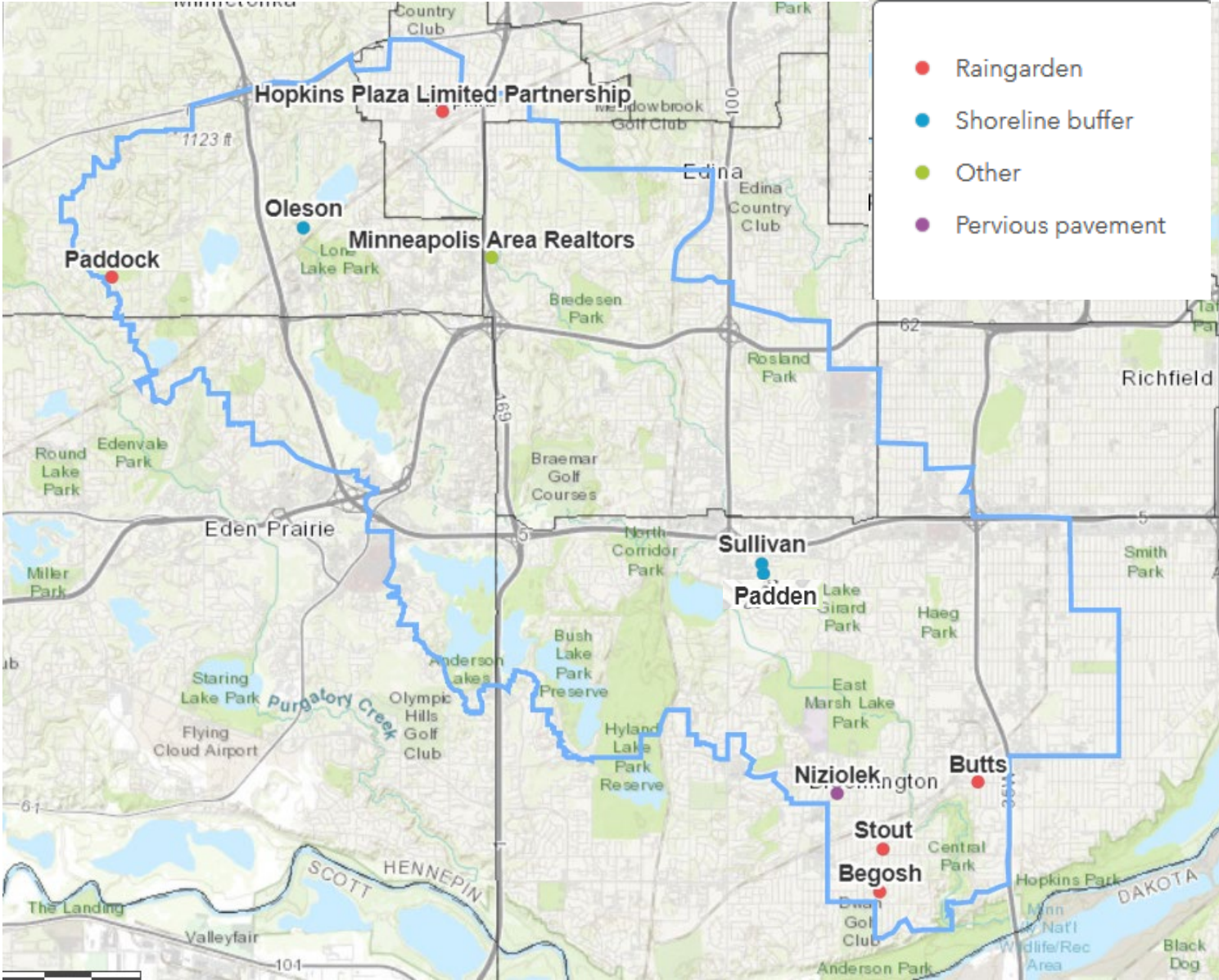
Minneapolis Area Relators (MAR)- Underground Cistern (5750 Lincoln Dr, Edina), \$25,554

Install a 3,000-gallon underground cistern to collect water from ~5,300 sq ft of roof. Use the collected water for irrigation. The 3,000-gallon cistern will provide approximately 86% (27,000 gallons) of landscaping irrigation demand with rainwater per year. The MAR has over 9,000 members.

Request

Authorize the District Administrator to enter into cost share agreements with property owners, and provide reimbursement amounts as shown for each applicant in the table provided in this memo, which includes a 5 year maintenance agreement for residential applicants and a 10 year maintenance agreement for business applicants.

2021 Recommended Stewardship Grant Project Locations



2021 Stewardship Grant Estimated Pollutant Removals & Cost/Removal

| Applicant | Project (BMP) Type | \$/BMP sq ft | Removals over 20 years | | | Grant dollars | Cost/pollutant removal over 20 years | | |
|-----------------------------------|---------------------|-----------------|------------------------|---------|---------|---------------|--------------------------------------|-----------|--------------|
| | | | lbs TP | lbs TSS | acre-ft | | \$/lb TP | \$/lb TSS | \$/ac-ft |
| Residential | | | | | | | | | |
| Angie Begosh & Jason Riggins | Raingarden | \$ 12.21 | 0.2 | 40.0 | 0.3 | \$ 1,953.41 | \$ 8,879.14 | \$ 48.84 | \$ 7,234.85 |
| Laura & Chris Butts | Raingarden | \$ 7.21 | 1.0 | 186.0 | 1.3 | \$ 4,902.27 | \$ 4,806.15 | \$ 26.36 | \$ 3,903.08 |
| Dan & Heidi Niziolek | Pervious pavement | \$ 5.19 | 1.3 | 242.0 | 1.6 | \$ 4,150.00 | \$ 3,097.01 | \$ 17.15 | \$ 2,546.01 |
| Kimberely Oleson | Shoreline buffer | \$ 3.58 | | | | \$ 4,725.29 | | | |
| Amy & Sean Padden | Shoreline buffer | \$ 5.52 | | | | \$ 4,859.70 | | | |
| Michael & Amber Paddock | Raingarden | \$ 42.99 | 0.5 | 100.0 | 0.7 | \$ 4,299.37 | \$ 7,961.80 | \$ 42.99 | \$ 6,360.01 |
| Krista Stout & Sol McCormick | Raingarden | \$ 15.57 | 0.6 | 112.0 | 0.8 | \$ 2,802.00 | \$ 4,519.35 | \$ 25.02 | \$ 3,716.18 |
| Aaron Sullivan | Shoreline buffer | \$ 3.75 | | | | \$ 2,998.75 | | | |
| Commercial | | | | | | | | | |
| Hopkins Plaza Limited Partnership | Raingardens | \$ 21.20 | 26.0 | 6580.0 | 13.0 | \$ 50,000.00 | \$ 1,923.08 | \$ 7.60 | \$ 3,839.66 |
| Minneapolis Area Realtors | Underground Cistern | | | | 1.7 | \$ 25,554.00 | | | \$ 15,393.98 |