City of Dublin

Office of the City Manager
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Memo

To: Members of Dublin City Council

From: Dana L. McDaniel, City Manager

Date: September 6, 2022

Initiated By: Robert E. Ranc, Jr., Deputy City Manager/Chief Operating Officer
Paul A. Hammersmith, PE, Director of Engineering/City Engineer
C. Aaron Stanford, PE, Deputy Director of Engineering – Utilities
Mason Hughes, Engineering Technician I – Utilities

Re: Stormwater Basin Maintenance Grant Pilot Program – 2022 Application
Public Services Committee Review and Recommendation

Background

The Stormwater Basin Maintenance Grant Program ("Program"), approved for a two-year pilot period with the 2022-2026 Capital Improvements Program, is designed to provide funding assistance and technical guidance to City of Dublin Homeowners and Civic Associations ("Associations") for the maintenance of City-owned stormwater basins that are privately maintained by the Associations.

The pilot phase of the Program was approved in June 2021. The pilot period for the Program will run for two years with awards granted in 2022 and 2023. Applicants may submit retention or detention basins that are publicly-owned and privately-maintained for a one-time grant from the City of Dublin for qualifying maintenance projects.

Program Guidelines

To qualify for the Program, projects must involve City-owned, privately maintained stormwater basins located within the City of Dublin boundaries. Individual grant awards will range between $2,000 and $10,000. An individual association is limited to no more than one grant award every five years. Each grant requires, at minimum, an equal match from the applicant. Any project grants that are awarded will be reimbursed upon successful completion of the project, certification of costs, and verification of compliance with all approved plans and standards of the Program.

In accordance with the Stormwater Basin Maintenance Grant Pilot Program approved by City Council, applications will be reviewed by the Public Services Committee of Council. Grant award funding recommendations will be made by the Public Services Committee of Council. These recommendations will be forwarded to City Council for review and a final decision.

Summary of Applications

The application period was open for one month, ending on April 8, 2022 and was extended to May 6, 2022 after no applications were initially received. The sole application submitted was from the Tartan Ridge Homeowners Association. The nature of the proposed work is to remove accreted sediment from basin inlets and outlets as well as reshaping rock erosion protection and removing cattails. The work would improve four stormwater basins in Tartan Ridge. The Association requested $10,000 in funding, which is the maximum amount available per applicant. The cost of the project was quoted at $31,030 by MH Aquatics. The remaining $21,030 would be funded from the Association's budget.

The proposed work will provide a benefit to the basin's functionality and improve the aquatic habitat. Removal of sediment at inlets would reduce backups upstream of the stormwater basins and provide needed depth for aquatic wildlife. Removal of cattails would lessen the prevalence of the invasive plants and would reduce the amount of sediment trapped near the basin inlets. Reshaping the rock at basin inlets would allow for unrestricted flow from inlet pipes and improve erosion protection.

Recommendation

This information was presented to the Public Services Committee for their review of the application at their meeting on August 10, 2022. As recommended by staff, the Committee made a positive recommendation for approval of this application to City Council. Staff is available for any questions or further discussion regarding the information presented herein, and any other topic related to the Stormwater Basin Maintenance Grant Pilot Program.

Stormwater Grant Application

Please review the program guidelines and requirements before completing this application.

I. APPLICANT INFORMATION

a.) Association/Applicant Name: Tartan Ridge HOA

b.) First-time Applicant: Y ☑ N ☐

c.) Project Leader: David Lakin

d.) Address: 7128 Glacier Ridge Blvd

e.) Telephone: 614-799-9887

f.) Email Address: david.lakin@gmail.com

II. PROJECT INFORMATION

a.) Describe the Stormwater Basin Maintenance project including; location, existing conditions, specific needs, age of stormwater basin, and public benefit of project.

The Tartan Ridge HOA maintains several of Dublin's storm water retention ponds. We have noticed that some of these ponds have clogging/clogged in/outakes. We would like to dredge the inlets of these ponds (four ponds, 7 inlets total) to clear them of sediment, rocks, brush and cattails as well as to reshape the newly cleared areas to improve water flow. See attached pictures for current conditions.

POND 1 (2008)
https://mapping.dublin.oh.us/dubscovery/?extent=1779026.0289%2C784312.106%2C1779965.3905%2C784750.964%2C102723

POND 2 (2008)
https://mapping.dublin.oh.us/dubscovery/?extent=1778663.4941%2C785906.4621%2C1780542.2172%2C786784.1781%2C102723

POND 3 (2008)
https://mapping.dublin.oh.us/dubscovery/?extent=1777707.498%2C787072.1022%2C1778646.8595%2C787510.9602%2C102723

POND 4 (2013)
https://mapping.dublin.oh.us/dubscovery/?extent=1778049.9735%2C788149.1879%2C1778519.6543%2C788368.6169%2C102723

Stormwater Grant Application

b.) Describe any restoration of aesthetics or stormwater basin aeration systems associated with the proposed project.

Clearing out overgrown brush, sediment, and vegetation as well as reshaping the inlets.

c.) Parcel number of proposed project area. This can be found on the City's website at https://maps.dublin.oh.us/dubscovery

4000140580110 (Pond 1), 3900140580030 (Pond 2), 3900140582150 (Pond 3), 3900140582160 (Pond 4)

III. FUNDING INFORMATION

a.) Estimated Total Project Cost: $31,030.00

Name and company of contractor providing estimate:

MH Aquatics

*Please provide a copy of all quote/estimates for project

b.) Total amount of grant funding requested from the City. $10,000

c.) Association funding match. (Must be equal to or greater than the grant amount requested)

$21,030.00

Stormwater Grant Application

d.) Other items to include:

1.) Association budget reflecting the ability to meet the matching funds requirement.
2.) Itemized cost estimates/quotes
3.) Documentation reflecting what the Association has in reserve, demonstrating the ability to provide maintenance and upkeep for the proposed project.

Please list attachments included in application submission to ensure they were received:

1) annual_budget_comparative-20220501 (1).pdf
2) Estimate_2694_from_MH_Aquatics.pdf
   Pond Pictures.docx
3) balance_sheet-20220506.pdf
   Bank Statement OP March 2022.pdf

Please submit completed application to Mason Hughes at mhughes@dublin.oh.us or deliver to 6555 Shier-Rings Road, Dublin, Ohio

For questions, contact Mason Hughes at mhughes@dublin.oh.us or 614-410-4734

POND 1
https://mapping.dublin.oh.us/dubscovery/?extent=1779026.0289%2C784312.106%2C1779965.3905%2C784750.964%2C102723

POND 2
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POND 3
https://mapping.dublin.oh.us/dubscovery/?extent=1777707.498%2C787072.1022%2C1778646.8595%2C787510.9602%2C102723

POND 4
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MH Aquatics
4115 Wilson Rd.
Sunbury, OH 43074 US
(614) 290-6712
jon@mhaquatics.com

Estimate

ADDRESS
AJ Davis Tartan Ridge

ESTIMATE #	DATE	
2694	05/05/2022	

ACTIVITY	QTY	RATE	AMOUNT
Labor/ hour Labor to clear 7 inlets/outlets of sediment, rocks, brush and cattails. As well as reshaping cleared areas to improve water flow. Areas of concern have been outlined by customer. Sediment will need to dry before removal. Please allow 1-2 weeks, weather dependent.	1	29,000.00	29,000.00T

SUBTOTAL	29,000.00
TAX (7%)	2,030.00
TOTAL	**$31,030.00**

Accepted By

Accepted Date