

**Minnehaha Creek Watershed District**

**REQUEST FOR BOARD ACTION**

**MEETING DATE:** August 25, 2016

**ITEM TYPE:** Action Consent Discussion

**TITLE:** Authorization of Cost Share Funding – 2016 Homeowner BMP Cost Share Projects

**RESOLUTION NUMBER:** 16-068

**PREPARED BY:** Brett Eidem

**E-MAIL:** beidem@minnehahacreek.org

**TELEPHONE:** (952) 641-4523

**REVIEWED BY:**  Administrator  Counsel  Program Mgr: Telly Mamayek  
 Board Committee  Engineer  Other

**WORKSHOP ACTION:**

<input checked="" type="checkbox"/> Advance to Board mtg. Consent Agenda	<input type="checkbox"/> Advance to Board meeting for discussion prior to action.
<input type="checkbox"/> No further action requested	<input type="checkbox"/> Refer to a future workshop (date): _____
<input type="checkbox"/> Return to staff for additional work	<input type="checkbox"/> Refer to taskforce or committee (date): _____
<input type="checkbox"/> Other (specify): _____	

**PURPOSE or ACTION REQUESTED:**

1. Authorize the administrator to execute a cost-share funding and maintenance agreement, for the Hejmadi/Lyall Residence project, providing reimbursement of 75 percent of the documented costs for construction of stormwater BMP's, not to exceed \$5,000, contingent on final approval by cost-share program staff of a landscape design plan for the project;

**PROJECT/PROGRAM COST:**

Fund name and number:	Cost Share Grant Program (4005)
Current grant budget:	\$600,000
Amount approved in 2016 to date:	\$149,160.15
Requested amount of funding:	75 percent of the documented costs of the Hejmadi/Lyall Residence project, not to exceed \$5,000.

**PROJECT/PROGRAM LOCATION:**

Arun Hejmadi and Patricia Lyall- 5030 40<sup>th</sup> Ave S, Minneapolis

**PROJECT TIMELINE:**

Summer/Fall 2016

**PROJECT SUMMARY:**

In 2016, the Cost Share Program was re-structured with an effort to encourage larger projects, both with residential and non residential partners. We implemented deadlines for all applications to compare projects against each other, and prioritize our grant funding to be put towards projects the District finds the most value in. This is through cost effective BMP design, the overall amount of water quality improvement, and the

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education and outreach that can be built in the surrounding community from the project. There was one homeowner project in 2016 that went well above all others, with not only an entire site retrofit, but with an organized outreach program that has been developed to engage a much larger community than just the neighbors, as we see with most homeowner projects. At the July 13, 2016 Citizens Advisory Committee meeting, the CAC provided a recommendation for approval of funding the project in the amount requested by staff. According to the current program framework, applications recommended for funding that exceeds the homeowner cap amount require Board authorization.

MCWD received 22 homeowner applications by the deadline. This does not include some Master Water Steward projects yet to be developed, or the 50+ other homeowner grant inquiries that did not develop in time for the application deadline. A subcommittee of the CAC met and went through the applications prior to the full CAC meeting, recommending funding for the following project, which is outlined in the project description below. There is also a Board memo attached to this RBA, with a short description of all other homeowner projects that received funding at or under the Board approved staff level, with funding recommendations from the CAC. The rest of the projects that we identified needing more information will require follow up and further project development, and will hopefully be brought back to the CAC in September.

Through the strategic planning process, the cost share program went through a meticulous program evaluation that identified homeowner grants as a major staff time commitment, for on average, minimal results in meeting the program goals. We see much greater impact to water quality and outreach in the community from larger scale projects. On the other hand, these grants offer an incentive to align goals with any homeowner within the District, giving them the resources to make a behavior change and take action in protecting our water resources. Understanding which audiences we are targeting to message and partner with at an organizational scale will guide future program direction. The project being presented tonight shows that there is great potential for community impact from these projects, but as we go through the strategic planning process, it has been identified that overall, homeowner grants take a lot of staff time to administer for the little water quality benefit and outreach created from the demonstration.

**Arun Hejmadi and Patricia Lyall- 5030 40<sup>th</sup> Ave S, Minneapolis**

Arun is a strong advocate for clean water. So much so that he is attempting to create a blooming alleys initiative on his block in Minneapolis, East of Nokomis and South of Minnehaha creek. Arun wants to lead the outreach, and have these demonstration projects already installed on his property before asking his neighbors to adopt similar techniques. Arun has worked with Earth Wizards to develop a site plan that can capture all of the runoff from his property for a 2 inch storm event. This includes such practices as two front yard raingardens, a permeable paver strip capturing his detached garage and driveway runoff, a large 500 gallon cistern, as well as transitioning a large portion of his yard to no mow grasses. Arun is going well above and beyond the norm of what we hope for outreach to be built from these projects, as he has already hosted an informational meeting for his alley to come learn about blooming alleys and the benefits of them. He has reached out to all neighborhood and state forms of media to try and help promote his initiative. He has created a Facebook page with the name, "Restore our Watersheds", to use as a blog to keep people updated on his progress and what others can do.

This will be an expensive residential project, with a total cost estimate of \$26,000. The project was evaluated through the cost share homeowner evaluation scoresheet, where it received 95/110 points, historically being a 75% funding recommendation from staff. The subcommittee focused on what were the most important BMPs to fund as a phase 1 of the project. This was the 2 front yard raingardens and the permeable paver strip. These BMPs are located on the front and back edges of the property, with the front yard having high visibility along the sidewalk, where there will be educational signage. The total cost of these BMPs is about \$14,000. Staff and CAC subcommittee recommends 75% funding of these 3 BMPs, not to exceed a cap amount of \$5,000.

**STAFF RECOMMENDATION**

The project at 5030 40<sup>th</sup> Ave S, Minneapolis has a staff and CAC recommendation for funding of 75 percent of the eligible costs for the installation of 2 raingardens and a permeable paver strip from the Cost Share Program, not to exceed \$5,000, contingent on a signed grant and maintenance agreement that includes a landscape design plan that is mutually agreed upon by the Cost Share recipients and District staff and provision for signage.

Staff recommends funding the projects listed in the attached document at the above amount.

**ATTACHMENTS:**

1. Arun Hejmadi and Patricia Lyall Project Plans
2. All Cost Share Projects Recommended for Funding by CAC Memorandum

**RESOLUTION**

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**RESOLUTION NUMBER: 16-068**

**TITLE: Authorization of Cost Share Funding – 2016 Homeowner BMP Cost Share Projects**

WHEREAS, the Cost Share Program was established by the MCWD to provide funding to property owners to design and install best management practices that will provide educational value as well as reduce the volume and increase the quality of stormwater flowing offsite; and

WHEREAS, Arun Hejmadi and Patricia Lyall have submitted a proposal for grant funding for the construction of stormwater best management practices,

WHEREAS, the MCWD 2016 budget includes funds for the Cost Share Program which has \$450,839.85 currently available; and

WHEREAS, the above proposal was reviewed by the Citizen Advisory Committee (CAC) on July 13, 2016, and the CAC has recommended approving the proposals and funding in the amount requested; and

WHEREAS, a summary of approved 2016 Homeowner Cost Share projects and funding amounts was included in the August 25, 2016 Board of Managers meeting packet information; and

WHEREAS, MCWD staff has reviewed the proposals and the CAC's comments and recommendations, and finds the proposals to be consistent with the goals of the Cost Share Program and recommends funding the project listed in the attached document, not to exceed \$5,000 for the Hejmadi/Lyall Residence project, and

NOW, THEREFORE, BE IT RESOLVED, that the MCWD Board of Managers authorizes the administrator to execute, on advice and consent of counsel, a cost-share funding and maintenance agreement, with provision for appropriate signage, for the Hejmadi/Lyall Residence project, providing reimbursement of 75 percent of the documented costs for construction of stormwater BMP's, not to exceed \$5,000, contingent on final approval by cost-share program staff of a landscape design plan for the project;

Resolution Number 16-068 was moved by Manager \_\_\_\_\_, seconded by Manager \_\_\_\_\_.  
Motion to adopt the resolution \_\_\_ ayes, \_\_\_ nays, \_\_\_ abstentions. Date: \_\_\_\_\_.

\_\_\_\_\_  
Secretary Date: \_\_\_\_\_

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**MEMORANDUM**

DATE: August 25<sup>th</sup>, 2016

TO: Citizens Advisory Committee

FROM: Brett Eidem, MCWD Cost Share Grant Administrator

RE: 2016 Homeowner Cost Share Review

*The MCWD administers a Cost Share program to provide incentive for interested parties to construct projects that will improve water quality. Part of the process in approving projects to receive funding is to have the applications reviewed by the Citizens Advisory Committee (CAC).*

**BUDGET UPDATE**

<b>Cost Share 2016 Budget:</b>	<b>\$600,000</b>
<b>Amount Approved in 2016:</b>	<b>\$149,160.15</b>
<b>August Cost Share Requested Amount:</b>	<b>\$5,000 (only Project #1 requires Board approval. All others have been approved at a staff level with CAC recommendation)</b>

**COST SHARE APPICATIONS**

In 2016, the Cost Share Program was re-structured with an effort to encourage larger projects, both with residential and non-residential partners. We implemented deadlines for all applications to compare projects against each other, and prioritize our grant funding to be put towards projects the District finds the most value in. This is through cost effective BMP design, the overall amount of water quality improvement, and the education and outreach that can be built in the surrounding community from the project. There was one homeowner project in 2016 that went well above all others, with not only an entire site retrofit, but with an organized outreach program that has been developed to engage a much larger community than just the neighbors, as we see with most homeowner projects. At the July 13, 2016 Citizens Advisory Committee meeting, the CAC provided a recommendation for approval of funding the project in the amount requested by staff. According to the current program framework, applications recommended for funding that exceeds the homeowner cap amount require Board authorization.

MCWD received 22 homeowner applications by the deadline. This does not include some Master Water Steward projects yet to be developed, or the 50+ other homeowner grant inquiries that did not develop in time for the application deadline. A subcommittee of the CAC met and went through the applications

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prior to the full CAC meeting, recommending funding for the following project, which is outlined in the project description below. There is also a Board memo attached to this RBA, with a short description of all other homeowner projects that received funding at or under the Board approved staff level, with funding recommendations from the CAC. The rest of the projects that we identified needing more information will require follow up and further project development, and will hopefully be brought back to the CAC in September.

**Project #1- Arun Hejmadi- 5030 40<sup>th</sup> Ave S, Minneapolis (The only H.O. project requiring Board approval)**

Arun is a strong advocate for clean water. So much so that he is attempting to create a blooming alleys initiative on his block in Minneapolis, East of Nokomis and S of the creek. Arun wants to lead the outreach, and have these demonstration projects already installed on his property before asking his neighbors to adopt similar techniques. Arun has worked with Earth Wizards to develop a site plan that can capture all of the runoff from his property for a 2 inch storm event. This includes such practices as two front yard raingardens, a permeable paver strip capturing his detached garage and driveway runoff, a large 500 gallon cistern, as well as transitioning a large portion of his yard to no mow grasses. Arun is going well above and beyond the norm of what we hope for outreach to be built from these projects, as he has already set up an informational meeting for his alley to come learn about blooming alleys and the benefits of them. He has reached out to all neighborhood and state forms of media to try and help promote his initiative. He has created a Facebook page to use as a blog to keep people updated on his progress and what others can do.

This will be a pretty expensive project, with a total cost estimate of \$26,000. The subcommittee focused on what we felt were the most important BMPs to fund as a phase 1 of the project. This was the 2 front yard raingardens and the permeable paver strip. The total cost of these BMPS is about \$14,000. Staff and CAC subcommittee recommends 75% funding of these 3 BMPs, not to exceed \$5,000.

**Project #2- Tom Rose, 5011 Wooddale La, Edina Shoreline Stabilization**

Tom and Amanda Rose live just a couple houses in from 50<sup>th</sup> and Wooddale in Edina. They are on the creek and their streambank faces St. Stephen's Episcopal Church. Their awareness and interest in streambank restoration grew from direct outreach in the Arden Park neighborhood on streambank stabilization. This outreach campaign was developed through a collaboration between MCWD, the City of Edina and Master Water Stewards. Master Water Stewards directly engaged Tom and he attended an informational meeting hosted by the District. This streambank would be the second install tied to the direct outreach, and we are hopeful that a few more residents will develop plans and install this summer.

The Rose residence receives runoff from their own roof and patio, as well as part of the neighbor's runoff. Their streambank was degraded from the high flows from the 2014 flooding, and with a lot of mature trees shading the area it has been difficult for sod to reestablish, causing some small erosion. The proposed plan of Natural Shore Technologies addresses these issues, and will use native plants to stabilize the immediate streambank and the upland area. The proposed plan will create a 15 ft wide native planted buffer along 125 ft of streambank.

The total project cost for materials, labor and two years maintenance is \$9,417.30. Staff recommends 50% funding, not to exceed \$4,708.65.

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**Project #3- Zane and Rachel Black- 8100 Victoria Dr, Victoria**

Zane and Rachel have lived in their house in Victoria for a couple years now, and have noticed just how much exposure their front yard gets on such a busy street. The project site is located just two blocks off of Highway 5 and Victoria Dr., which is the intersection of ‘downtown’ Victoria. They have learned more about runoff from their street and property over the last couple years and want to do something that better the environment as well as promote clean water to others. They have developed an outreach plan, including messaging in their yard as well as working with the Victoria library to set up educational opportunities open to the public to learn more on the subject. They are working on joining efforts with past Master Water Stewards in the area to help with the outreach. Their proposed project would capture nearly all of their properties runoff, but would need to be a phased construction. This includes 4 raingardens, permeable paver section of driveway and walkway, as well as 3 new rainbarrels.

The homeowners are doing all of the labor themselves, with a project cost of \$6,952. Staff and the CAC want to have the homeowners focus on the most visible and highest water quality improvement projects for the first phase. Staff and the CAC subcommittee recommend 75% funding of the front yard raingarden, the permeable paver section, and the rainbarrels, not to exceed the homeowner cap of \$2,500.

**Project #4- Stephanie Lee- 2535 Grand Ave S, Minneapolis**

Stephanie has a very unique proposal with a strong outreach plan. She is proposing capturing nearly all of her roof runoff in sub irrigated planters (SIPs), which would then overflow to a raingarden in the backyard. She will have two SIPs in the front yard, which will capture the roof runoff in a storage tank that self-irrigates the planter box above it is connected to. In the back, where larger sections of roof runoff drain, there will be a three cell system all interconnected, which will feed the planters, with an overflow to the 150 sf raingarden. The project will capture 1,654sf of roof runoff. These planters are all self-fed, with the storage area beneath the soil filled with rock. They are a great demonstration for how to garden with a disability, as everything is higher and easier to access. Her outreach is well developed, proposing to reach out to Whitter Elementary, offering her house and project as an educational tool. She already has a lending library, where she will place educational materials about stormwater management. She has a strong social media presence, with over 2,000 Facebook, 1,600 Google +, and 1,400 Twitter followers that she would educate on her project, a how to guide, and would be happy to mention/promote other MCWD activities. Also willing to create a video demonstrating the project that we could use to help promote similar projects.

The total project cost is \$4,775. Staff and CAC subcommittee recommend 50% funding, not to exceed \$2,387.50.

**Project #5- Jillian Kaster- 4640 Longfellow Ave, Minneapolis**

Jillian is working with a current year Master Water Steward, Curtis Wilson, to capture runoff from both her roof and part of her neighbor’s roof. In times of large rain, the neighbor’s runoff flows very quickly into her front yard. The proposed design will capture 1,000 sf of roof runoff in two raingardens in the front yard. We had a few questions on the design at the sub-committee that have now been answered. The excavated soil from the raingardens will be used as a berm to slow the flow and divert the neighbor’s roof runoff into the raingarden through two small inlets. The property is located across the

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street from Hiawatha Golf Course, and 1 block from Minnehaha Parkway in a highly visible location. The MWS will be leading outreach efforts, which include organizing help on planting day, as well as a celebration after the gardens are installed which will be inviting others from the neighborhood with education on the project and its benefits. They are also working with Minneapolis Community Education program to offer a workshop or students from nearby Green Central Elementary School.

The total project cost for materials, design help and labor is \$3,042. Staff recommends 50% funding, not to exceed \$1,521, contingent on more detailed design plans showing how the berm will function.

**Project #6- Linda Bergh, 4315 Xerxes Ave S, Minneapolis**

The Bergh residence is on a fairly busy Xerxes Ave, nearly kiddy corner from Linden Hills Park and 2 blocks from Lake Harriet. Linda has been working on transforming her front yard into a sustainable landscape in honor of her husband. After working with her neighbor of Morning Dew Landscapes, as well as working with Energyscapes, she has a design that will divert water from three downspouts, as well as collect and divert yard drainage, to a large raingarden in the middle of her front yard. Linda will divert the roof runoff through dry creek beds and a berm to redirect and hold back the water, promoting infiltration. This raingarden will collect a total of 1200 sf of drainage, 900 of which is roof runoff. The 200 sf raingarden should be able to retain a 2" rain event. As Linda lives on a street with a large slope, she even went to the city to see if she could divert sidewalk runoff into her front yard raingarden. The city would not let her place a speed bump on the sidewalk to divert runoff, but she is more than willing to create further impact and outreach in the community.

Linda is willing to put up educational signage in her front yard, as well as an info box with education materials and brochures about raingardens and runoff. She intends to hold a gathering when she finishes to celebrate the raingarden. And classes. Linda's home is used for classes. She teaches some adult education classes out of her home, and Tal (Morning Dew Landscapes) teaches 3-4 garden classes a year at the property. Raingardens will become part of the curriculum. Tal also regularly uses U of M SUSTAG and MNURBANFARMERS listservs to send information to students, and would be willing to mention the project in these posts. I had met with Linda late summer 2015, and she applied in September of 2015, knowing it would not get reviewed until 2016. Staff feels that this is a strong enough proposal to approve cost share funding ahead of the deadline so Linda can begin construction in the spring of 2016.

The total project cost that would qualify for cost share funding is \$7,470. Staff recommends 50% funding, not to exceed the homeowner cap of \$2,500.

**Project #7- Sheehan Residence, 5837 Clinton Ave S, Minneapolis**

The Sheehan's recently bought and built a home that abuts Diamond Lake. So recent that there is still no final stabilization around the house. It is bigger than the previous existing home. Conscious of the importance of water resource management, neighbor and current CAC member Dave Oltmans approached the Sheehan's. As a founding Board member of Friends of Diamond Lake, and a participant in the Go Blue Project in 2010, Dave educated the Sheehan's on the long term efforts and investments to preserve the water quality of the lake in their backyards. Working with Dave, the Sheehan's have applied for cost share assistance to capture runoff from part of their roof and their entire driveway,

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which would otherwise drain into the street and eventually Diamond Lake. The proposal includes diverting 1,757 sf of the roof runoff to a raingarden in the green space between the Sheehan's and Dave's homes, as well as proposing a permeable paver strip at the end of the driveway to capture all 434 sf of driveway runoff. Both BMPs are designed to capture a 1.27" rainfall event, which would accumulate to a combined 58,000 gallon runoff volume reduction annually. The project is in the front yard between two homes, right next to the sidewalk, with great visibility and a great opportunity for educational signage. We would also benefit from this project messaging across the Friends of Diamond Lake, Pearl Park Recreation Area, Hale-Page-Diamond Lake Neighborhood Association, and Diamond Lake Lutheran Church. The homeowner is also a commercial architect, with many opportunities to share his experience on a personal and professional level. Through our evaluation scoresheet, this project scored 85/110 points, which historically would be a 50% funding recommendation. The reasoning for bringing forward the grant proposal ahead of our annual homeowner deadline is that the lot is disturbed and the opportunity to alter the landscape before final stabilization is now.

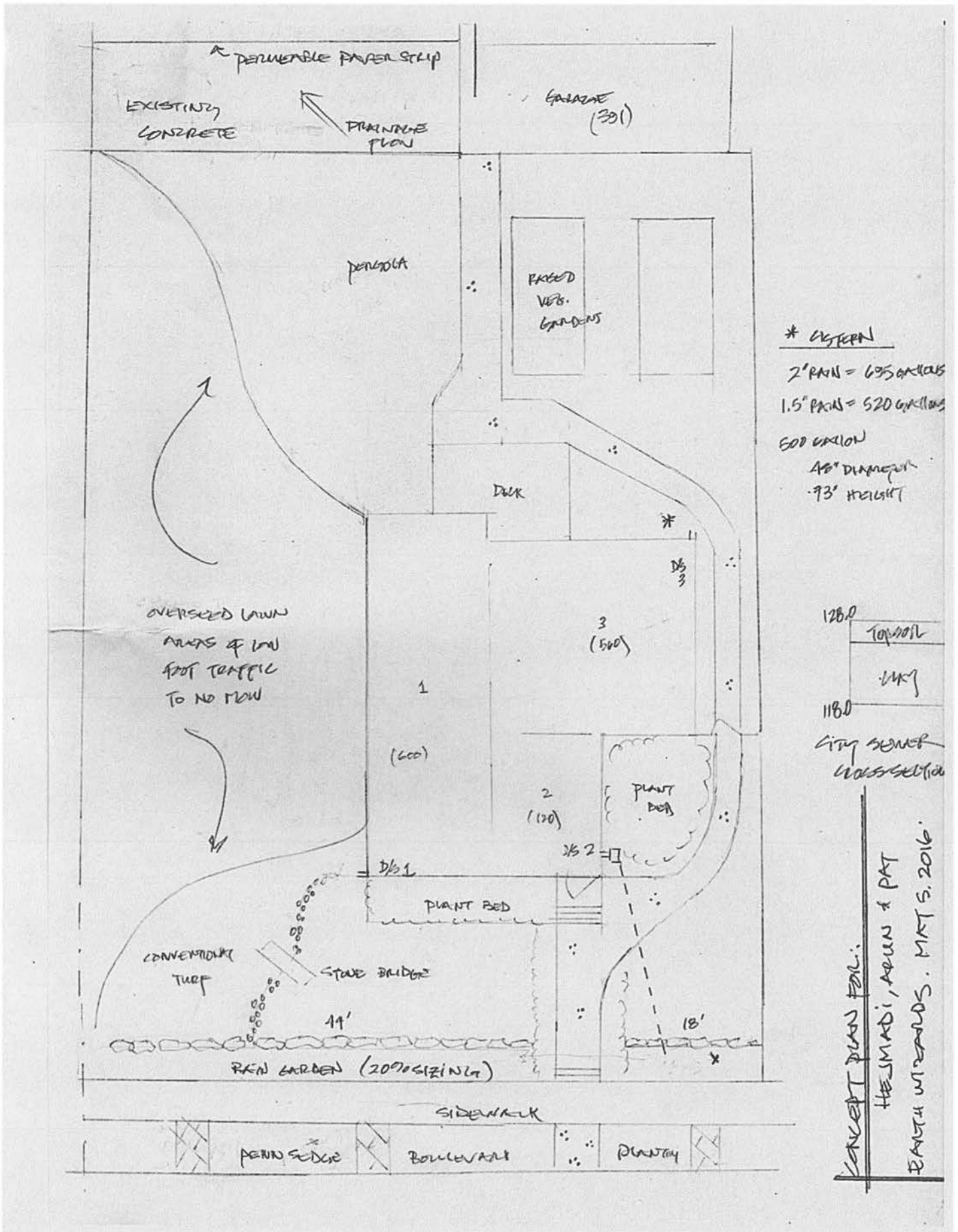
The total project cost estimate is \$6,375.75. Staff recommends funding the project at 50%, not to exceed our homeowner cap of \$2,500.

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There are 4 other projects that have been approved at a staff level, as they were requesting less than \$1,000 in grant funding, which was the threshold approved through workplans that staff could approve funding of without discussing with CAC and Board (but still conduct a homeowner cost share evaluation scoresheet for and approve through other staff team review).

The rest of the projects need further design or outreach development before staff is confident in bringing forward a funding recommendation to the CAC. These projects will be refined as staff capacity allows, and will be brought forward for funding consideration in September or October.

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\* CISTERN  
 2" RAIN = 695 GALLONS  
 1.5" RAIN = 520 GALLONS  
 500 GALLON  
 48" DIAMETER  
 73" HEIGHT

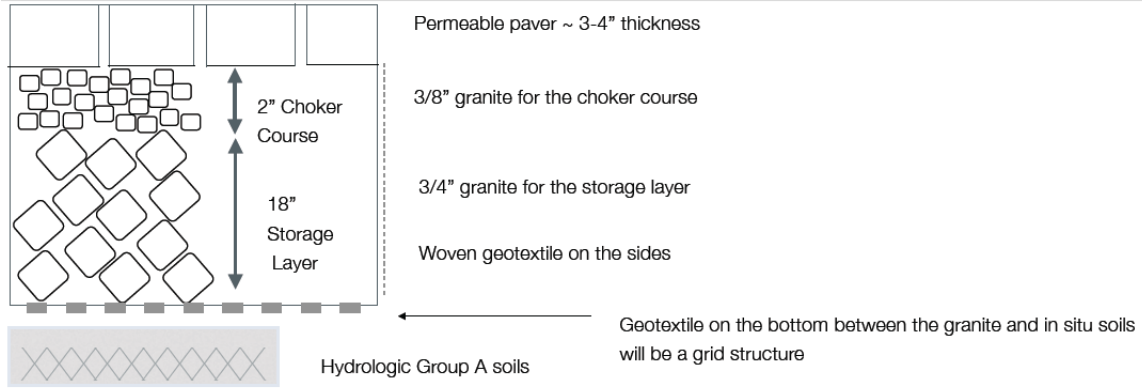
126.0  
 Topsoil  
 118.0  
 City Sewer  
 Cross-section

CONCEPT PLAN FOR:  
 HEJMAJI, ARUN & PAT  
 EARLY WOODS. MAY 5, 2016.

On Jun 5, 2016, at 10:04 AM, arun.hejmadi@comcast.net wrote:

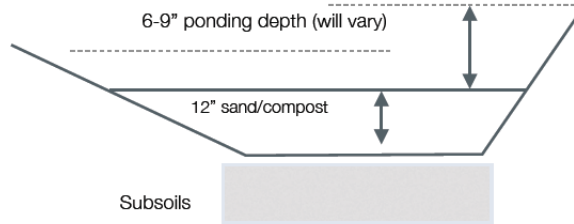
Hi Stacy,

# Hejmadi Residence Design Specs



## PERMEABLE PAVEMENT CROSS SECTION VIEW: *not to scale*

Rain garden side slopes will vary. Slopes beyond 3:1 will have a coconut bionet fabric placed to help stabilize soils until the plant growth has matured.



## RAIN GARDEN CROSS SECTION VIEW: *not to scale*

DATE 3/22/2016 STORMWATER RETROFIT DETAILS  
DRAWN S.ANDERSON  
EARTH WIZARDS, INC.



# Hemajdi Residence - Landscaping for Stormwater DESIGN INSPIRATION

1 ponding in rain garden after rain event

2 rain garden placed into small hillside along sidewalk

3 dry creek bed

4 cistern (500 gallon to handle 1.5" rain event)

5 boulevard planting with native sedge

6 permeable paver strip

7 excavation for permeable pavers



**Cost Share Grant Evaluation Form  
Homeowner Grant**

Name of Reviewer: Brett Eidem  
Date Reviewed: 6-24-2016

**Applicant:** Arun Hejmadi  
**Project:** 5030 40<sup>th</sup> Ave S, Mpls  
**Total Project Budget:** \$26,000  
**Requested Funding:** \$5,000

**Homeowner/Residential Grant:** must be designed to produce greater public awareness of ways to improve water quality.

<b>Organization Type: H.O.</b>		
<b>Are the Goals of Project Clearly Outlined? Yes, minimize runoff and promote others to adopt these practices</b>		
<b>Past History: Has the applicant applied before? No</b>		
<i>Project Design (50pts)</i>		
<b>Notes:</b> Arun and Pat propose to capture as much runoff as they can (nearly 100%) through large raingardens, a large cistern for re-use, and a permeable paver strip on the alley driveway. The cistern will capture nearly a 2" rain event for 44% of the roof, and the front yard gardens and paver strip will catch at least a 1.25" event for the rest of the impervious surface.	20 /20	<b>Water Resource Improvement to MCWD</b>
	5 /5	<b>Innovative Design</b>
	5 /5	<b>Budget Detail</b>
	10 /10	<b>Entire Site Concept Design</b>
	10 /10	<b>Maintenance Plan</b>
<b>Project Design Total:</b>		<b>50 /50</b>
<i>Education &amp; Outreach (40 pts)</i>		
<b>Notes:</b> The homeowner has been proactive in working with Metro Blooms to have his block be a future blooming alleys project. Arun has already become a block captain and organized a workshop he will host for the block to learn about the blooming alleys project with MB offering site concepts. Arun has also been very proactive in trying to get articles in neighborhood to state newspapers and news. He has the Star Tribune attending his neighborhood kickoff party in mid July.	20 /20	<b>Outreach Techniques</b>
	20 /20	<b>Visibility of Demonstration</b>
<b>Education &amp; Outreach Total:</b>		<b>40 /40</b>
<i>Water Resource Prioritization (10 pts)</i>		
<b>Notes:</b> Very close to Nokomis subwatershed, but drains to the creek. Either way, still can be closely tied to blooming alleyways as it is the first proactively started by an individual resident.	5 /10	<b>Alignment with District Priorities</b>
<b>Water Resource Prioritization Total:</b>		<b>5 /10</b>
<i>Shoreline/Streambank Restoration (10 pts)</i>		
<b>Shoreline/Streambank Restoration Total:</b>		<b>0 /10</b>
<b>Total:</b>		<b>95 /110</b>
<i>Funding Approval Process</i>	<b>Potential for up to 75% funding, not to exceed \$2,500 for BMP, \$5,000 for shoreline/streambank</b> <ul style="list-style-type: none"> <li>- Project will need Board approval for funding requests over \$5,000</li> <li>- Project will be reviewed and compared to other like projects that met the application deadline</li> <li>- Project will be reviewed, and funding will be prioritized by a staff team, our Citizen's Advisory Committee, and the MCWD Board of Managers</li> </ul> *Additional funding may be available based on extraordinary or well-beyond-standard water quality improvements or education/outreach components	

<i>Reporting</i>	<b>Required Annual Reporting</b> <ul style="list-style-type: none"> <li>- Inspection Form</li> <li>- Description and location of outreach techniques used</li> <li>- Number of people engaged and educated on the project</li> <li>- Has the project and outreach initiated other efforts on improving water quality and awareness</li> </ul>
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**Comments and Notes:**

Cost Share 2015 Detailed Evaluation Criteria  
Homeowner Grant Evaluation Criteria

**Project Design- 50 Points**

- Water Resource Improvement to MCWD (cost benefit)
  - o Proposed project captures greater than 50% of site runoff
  - o Reduces flow, promotes infiltration, reduces erosion
  - o Creates habitat and promotes pollinator plants
- Innovation- something we haven't funded before, innovative use of stormwater BMPs, first of its kind in the region/state, multi-functionality, re-use system
- Budget- Detailed cost estimate of project (construction and outreach efforts)
- Entire Site Concept Design- A concept diagram showing where all of the stormwater drains off the site
- Maintenance- having a detailed maintenance plan and recommended schedule

**Education and Outreach- 40 Points**

- Outreach Techniques
  - o Educational Signage
  - o Host an Event- block party, raingarden workshop, celebration with tour of BMPs onsite
  - o Innovative outreach techniques- use of social media, promotion of stormwater management
- Visibility of demonstration and Ed opportunities to the public
  - o Does the project encourage community involvement or community service by neighbors or other organizations

**Water Resource Prioritization- 10 Points**

- Proximity to Focal Geography of MCWD Initiatives
  - o How can the project complement other District initiatives/future projects
- Proximity to an impaired waterbody
  - o How does the project address impairments
- Protection of high value resource

**Shoreline/Streambank Restoration- 10 Points**

- Additional 10 points for biological and bioengineered shoreline/streambank projects, which are uniquely difficult and which the MCWD particularly wishes to encourage