

Chair:

Tony Peleska

Secretary:

Gary Gerding

Board Members:

Aisha Elmquist

Linda Hansohn

Kathy Johnson

Susan Johnson

Gail Graff

Staff Liaison:

Todd Blomstrom



**Karth Lake Improvement
District Board
REGULAR MEETING
Wednesday
January 15, 2020**

1245 W. Highway 96
Arden Hills, Minnesota
55112
651.792.7800
www.cityofardenhills.org

**Agenda
Board Meeting Convenes at 6:30 PM**

CALL TO ORDER

1. APPROVAL OF AGENDA

2. APPROVAL OF MINUTES

3. PUBLIC INQUIRIES

4. OLD BUSINESS

- 4.1 Funding Recommendations of KLID Board for Replacement/Repair of Pump and Control Panel (Option 1)
- 4.2. Communication plan regarding funding/assessment decisions /recommendations for Replacement/Repair of Pump and Control Panel (Option 1)

5. NEW BUSINESS

- 5.1 Long Term Strategic Plan: Projects and Funding - Board
 - 5.1.1 Maintenance of Existing Pumping System
 - 5.1.2 Remediation of BMP #1 Site
 - 5.1.3 Erosion Control at Pumping Site
 - 5.1.4 Add Grit Chambers to storm drains that empty into Karth Lake and do not have Grit Chambers now
 - 5.1.5 Add rain garden(s) on Karth Lake Drive when road is rebuilt as recommended in SW Urban Lakes Study
 - 5.1.6 Remove silt from lake when grit chambers are installed at each storm drain that empties in Karth Lake
- 5.2 Near-term/annual strategic plan
 - 5.2.1 Continue to monitor water quality annual through CAMP (Citizens Assisted Monitoring Program)
 - 5.2.2 Continue to remove excess weed and debris from lake annually to the degree that residents support it through donations
 - 5.2.3 Maintain "Adopt A Drain" program: maintain storm drain stencils; recruit more residents to "Adopt a Drain"
 - 5.2.4 Periodically remove buckthorn from watershed
 - 5.2.5 Periodically communicate best practices to residents to prevent nutrients from entering lake

6. NEXT MEETING

7. ADJOURN

**Karth Lake Improvement District Board
Draft Minutes of Regular Meeting December 11, 2019**

Call to Order/Roll Call

The meeting convened at: 6:30 PM

Present:

Board Members: Tony Peleska, Chair; Gary Gerding, Secretary; Linda Hansohn; Kathy Johnson; Susan Johnson.

Staff Liaison: David Grant, Mayor; Todd Blomstrom, Public Works Director, David Swearingen, Senior Engineering Technician; Jeff Frid, Public Works Supervisor.

Karth Lake Residents: Renee Marino; Jason Rahn.

Excused: Aisha Elmquist; Gail Graff.

1. Approval of Agenda

The agenda was approved as written.

2. Approval of the minutes of the previous meeting: The minutes of the previous meeting on Tuesday, October 22, 2019 were approved as written.

3. Public Inquiries: None

4. Old Business

4.1 Costs and Funding for repair of pumping system

4.1.1 Costs – Todd Blomstrom

Todd provided costs for four optional levels of repair for pump and control panel: See the next 3 pages of Todd's memo, attached. **The Board discussed the pros and cons of each option and unanimously agreed on Option 1.** The Board decided that relocating the control panel further back from the embankment was not worth the cost as long as the City controlled the erosion at the existing site. We also agreed that upgrading the control system so it would turn off if the pump overheated was also not worth the cost. Todd thought overheating was unlikely because the pump is submerged, and a screen protects it from clogging. The Board asked Todd what the warranty was on the pump. Todd said it is typically one year. The Board thanks Todd and his staff for clearly defining and getting quotes for the four options.



MEMORANDUM

DATE: December 11, 2019
TO: Karth Lake Improvement District Board
FROM: Todd Blomstrom, Interim Public Works Director / City Engineer
SUBJECT: Karth Lake Pump Repair Options

Background

Staff was requested to obtain quotation information for costs to address needed repairs for the Karth Lake outlet pump and potential replacement of the pump control panel. Electric Pump Company inspected the project site and provided the attached quotation information, which provides for the following four options.

- | | |
|--|--------------------|
| Option 1: Replace Pump and Retrofit Existing Control Panel | \$13,002.00 |
| Replace submersible pump and update the existing cabinet with the required phase convertor to run the new pump. The cabinet remains at the current location. | |
| Option 2: Replace Pump and Relocate Existing Control Panel | \$26,702.00 |
| Replace submersible pump, retrofit the existing cabinet with the required phase convertor and relocation of the existing cabinet back from the embankment. | |
| Option 3: Replace Pump and Replace Control Panel at Existing Location | \$27,880.00 |
| Replace submersible pump and placement of a new Simplex control panel with new components and phase convertor at the existing cabinet location. | |
| Option 4: Replace Pump and Relocate a New Control Panel | \$34,430.00 |
| Replace submersible pump and placement of a new simplex control panel with new components and phase convertor, relocated back from the embankment. | |

Requested Board Action

The Board is requested to discuss pricing options provided above and provide a recommendation regarding the preferred option for repairs to the pump and control panel.

Attachment

Attachment A: Cost Quotations from Electric Pump

QUOTATION



201 4th Ave SW
New Prague, MN 56071 USA
Telephone: (952)758-6600 / FAX (952)758-7778
Toll Free 1-800-536-5394
www.electricpump.com

QUOTE NUMBER: 0178939
QUOTE DATE: 8/9/2019
EXPIRE DATE: 9/9/2019

SALESPERSON: PETE REARDON
CUSTOMER NO: 7550211
QUOTED BY: MKH
KARTH LAKE PUMP

QUOTED TO:
CITY OF ARDEN HILLS
1245 WEST HIGHWAY 96
SAINT PAUL, MN 55112

JOB LOCATION:
CITY OF ARDEN HILLS
1435 WEST HIGHWAY 96
ARDEN HILLS, MN 55112

CONFIRM TO:
JEFF FRID 651-792-7852

*** QUOTE ORDER - DO NOT PAY ***

CUSTOMER P.O.	SHIP VIA	F.O.B.	TERMS			
	BEST WAY		NET 30 DAYS			
ITEM NUMBER	UNIT	ORDERED	SHIPPED	BACK ORDER	PRICE	AMOUNT
RE: KARTH LAKE DEWATERING PUMP						
0028401800007	EACH	1.00	0.00	0.00	10,202.00	10,202.00
FLYGT MODEL BS2840 228-4" MALE NPT DISCHARGE 8.9/230/3 100' POWER CABLE						
NO INSTALLATION INCLUDED--CITY TO INSTALL PUMP.						
FREIGHT IS ADDITIONAL. TWO PUMPS STATESIDE IN NEW JERSEY.						
*PHASE CONV	EACH	1.00	0.00	0.00	2,800.00	2,800.00
PHASE CONVERTOR, INSTALLED PETE REARDON TO INSTALL CONVERTOR						
PLEASE CONTACT US WITH ANY QUESTIONS OR TO PLACE AN ORDER.						
SINCERELY--MYRA HOFFMAN 952-758-6600 CC: PETE REARDON 952-220-1611						

All return goods must have written approval from Electric Pump, Inc. before returning. Credit will not be issued without written approval and if applicable there will be a Restock Fee.

Net Order:	13,002.00
Less Discount:	0.00
Freight:	0.00
Sales Tax:	0.00
Order Total:	13,002.00

ABOVE PRICING EFFECTIVE FOR 30 DAYS

QUOTATION



201 4th Ave SW
New Prague, MN 56071 USA

Telephone: (952)758-6600 / FAX (952)758-7778
Toll Free 1-800-536-5394

www.electricpump.com

QUOTE NUMBER: 0179709
QUOTE DATE: 12/9/2019
EXPIRE DATE: 1/9/2020

SALESPERSON: PETE REARDON
CUSTOMER NO: 7550211
QUOTED BY: MKH
KARTH LAKE PANEL

QUOTED TO:
CITY OF ARDEN HILLS
1245 WEST HIGHWAY 96
SAINT PAUL, MN 55112

JOB LOCATION:
CITY OF ARDEN HILLS
1435 WEST HIGHWAY 96
SAINT PAUL, MN 55112

CONFIRM TO:
JEFF FRID 651-792-7852

*** QUOTE ORDER - DO NOT PAY ***

CUSTOMER P.O.	SHIP VIA BEST WAY	F.O.B.	TERMS NET 30 DAYS			
ITEM NUMBER	UNIT	ORDERED	SHIPPED	BACK ORDER	PRICE	AMOUNT
*PANEL	EACH	0.00	0.00	0.00	10,530.00	0.00
RE: SIMPLEX PANEL FOR KARTH LAKE PUMP SIMPLEX SS NEMA 4X CONTROL PANEL, SERVICE ENTRANCE RATED WITH VFD FOR PHASE CONVERSION. SELL PRICE: \$10,530.00 PLUS FREIGHT						
*INSTALL	EACH	0.00	0.00	0.00	7,150.00	0.00
INSTALLATION AT EXISTING LOCATION SELL PRICE: \$7,150.00						
*OPTION INSTALL	EACH	0.00	0.00	0.00	13,700.00	0.00
INSTALLATION AT NEW LOCATION FARTHER DISTANCE FROM LAKE (INCLUDES MORE POWER CORD). SELL PRICE: \$13,700.00						
THANK YOU FOR THE OPPORTUNITY. PLEASE CONTACT US WITH QUESTIONS OR TO PLACE AN ORDER. SINCERELY--MYRA HOFFMAN 952-758-6600 CC: PETE REARDON 952-220-1611						

All return goods must have written approval from Electric Pump, Inc. before returning. Credit will not be issued without written approval and if applicable there will be a Restock Fee.

Net Order:	0.00
Less Discount:	0.00
Freight:	0.00
Sales Tax:	0.00
Order Total:	0.00

ABOVE PRICING EFFECTIVE FOR 30 DAYS

4.1.2 Funding Recommendations of City Council and KLID Board. Todd reported that at the Nov. 18, 2019 Working Meeting of the City Council the following plan was agreed upon:

1. The Residents on Karth Lake should pay for the replacement of the pump and repair of the Control Panel through assessments over the 2 years of 2021 and 2022. [Gary calculates that to be about \$310 total per resident for Option 1(\$13,002/42) or \$155/yr. for two years.] The City will finance the initial costs so the pump and control panel can be replaced/repared by spring. Mayor Grant said he felt the Council was adamant in believing the residents should pay for the pump and control panel repair/replacement.
2. The City will take responsibility for stabilizing the slope and controlling erosion. Todd pointed out that this is critical because the control panel and force main could collapse if the existing structure continued to erode.
3. The City will continue to cover the cost of operating the pump, installing it in the spring and removing it in the fall.

Susan Johnson said the City should realize all the hours and dollars the Karth Lake Residents have donated each year to maintain and improve Karth Lake. This includes donations to the K. L. Fund for removal of excess weeds and debris every year, monitoring water quality every two weeks when the lake is open and stocking predator fish to control algae as needed.

Gary said the residents contributed \$6,600 in 2019 for removal of excess weeds and debris as they have done every year since 2014 (costs were somewhat less in previous years due to lower labor costs).

The Board said they were frustrated by the lack of action by the City in making the necessary improvements to the watershed despite repeated requests ever since the South West Urban Lakes Study done by the RCWD specifically recommended specific actions to do so, e.g., BMP #1.

Todd said they would apply for two grants from the RCWD before the end of the year deadline. One to stop erosion by the retaining wall and one to reduce erosion from the parking lot runoff. Both grant applications require a 50 percent local match.

5. The balance of the agenda was tabled until the next meeting because it was late, and two board members had to leave for other commitments.

6. The **next meeting** will be in January 2020. Todd and Gary will coordinate with the Board to find a date when a conference room is available and most members can attend.

Respectfully submitted,
Gary Gerding,
Secretary