

HGWS Minutes Meeting Jan. 10th 2024

1. Call to Order by Meeting Chair David Woods

Meeting was called to order at 1:00 pm.

Attendance:

Those in attendance included:

- Craig Baldwin (HGMD Director) (guest)
- Richard Barowsky (HGA Maintenance manager) (guest)
- Lisa Brown
- Richard Dailey
- Al Lopez
- Dean Lux
- Kyle Moore
- John Nollen
- Richard Parker
- Bill Patterson
- Sid Vollema
- David Woods
- Gary Wooldridge
- Pete Von Vett*

Sidvollema@gmail

1.1. Introduction of officers

Dave Woods (President), introduced himself and the other two officers. Sid Vollema (Secretary & Treasurer). Cheryl Greenman (Vice President) was excused since she had to work.

1.2 Establish Quorum.

Quorum was established.

1.3. Recognize guests

David Woods (Club President) recognized Richard Barowsky (HGA Maintenance Manager). Later during the meeting Craig Baldwin (HGMD Director) was also welcomed.

2. Opening Comments

In his openings comments David (President) explained to all members once more what the Woodshop club is. The club has no money and we have no power to make any decisions or enforce anything. But what we have is ideas and voices. We can use our ideas and voices to influence the HGA board (9 people), the HGMD board (5 people), The General Manager, the Clubhouse Manager, and the Maintenance Manager. That is 17 people who already are listening to us. We need to continue to approach these people with respect and courtesy. We need to realize that they too have ideas and that they may know things we don't. As we advocate for the woodshop, we need to listen to them and be willing to consider their comments and adapt. David emphasized what we have accomplished so far with our ideas and voices. In about 6 months (1) We have convinced management to allocate funds and hire someone to work in the woodshop to do maintenance on the machines. (2) There are three full quarter classes in the woodshop this session. And we have had some popup classes already and more are being

5.2. (Standing Committee) Programs and Publicity – Cheryl Greenman
Cheryl couldn't join this meeting because of work.

5.3. (Standing Committee) Machine Committee - Lead Pete VonVett
Pete reported that the manual is completed, describing what needs to be maintained by machine according to the manufacturer. Next is hiring a person to do all this maintenance. Pete was also mentioning he was looking into the bulletin board issue.

There was also some discussion about how to report machine issues.

(Note from your Secretary: Below I copied in what we decided during our November meeting.)

When you encounter a problem/damage etc. with a machine:

Step 1: Go to the Clubhouse Activity Desk and ask for:

- 1- The 8 ½ by 11 "Out Of Order, sorry for the inconvenience" tag (Put the tag on the machine).
- 2- The sheet to describe the problem. Turn the form in at the Activity Desk. That will initiate a workorder with the repair request.

Step 2: The assigned Activity Desk worker (Cheryl, Judy or Julie) will enter the reported information in an email addressed to Ashlei.finney@heathergardensmail.com, rbarowsky@heathergardensmail.com, and the club email heathergardenswoodshopclub@gmail.com so everyone will be aware of the machine/equipment needing repair.

5.4. (Ad Hoc Committee) Supply Management: Lead Cheryl Greenman
Cheryl couldn't join this meeting because of work.

5.5. (Ad Hoc Committee) Access Control: Lead Kim Castellano
No report. David Woods mentioned there are plans to implement building entry-door keycards. Ultimately the same cards could also be used for access to the Woodshop.

5.6. (Standing Committee) Education Committee – Dean Lux
Dean reported the successes: The new Intarsia class is full, The Carving class expanded from 4 to 8 students and is also full. And the new Woodworking class ?? which Bradley Tavares is running, is also full. There is a plan for a Lathe class. Dean is working or will work with Julie (Clubhouse assistant manager?) to get this organized. Maybe as a pop-up class.

6. Comments, Discussion, and Issues from the group

6.1. John Sinning's reported drum sander issues.
Dean Lux reported that apparently John worked with Bradley Tavares on this.

6.2. Rita Effler's request for a second chair rail in the billiard room.
Several ideas were discussed. John Howell (Maintenance Facilities) can provide wood. Pete will follow up. Richard and Dave are available to help.

6.3. Richard Barowsky (HGA Maintenance Manager) asked for help from the Woodshop club to make simple toys for Littleton's Childrens Hospital. Richard will provide the wood if needed. After some

ACTION LIST

Item #	Description	Created	Owner	Deadline	Completed
23-0001	Approved Bylaws. Were approved in 08/02/23 meeting. Version 08-02-23 will be created by Cheryl and will be distributed for official approval before the meeting of 09-06-23. Approval moved to 10/04/23 Approved 11-1-23. Closed	07-19-23	Board	09-06-23 10-04-23	11-01-23
23-0002	Elect Board members and appoint Standing Committee Chairs. Closed	07-19-23	Board	08-02-23	08-02-23
23-0003	Prepare Woodshop Club budget proposal 2024 for HGMD Board. Prepare Woodshop club budget needs for rest of 2023 for CAC to be taken to the HGMD board. Our provisional budget is in the HGMD budget for 2024! Closed	07-19-23	Dave and Pete VonVett	09-01-23	11-01-23
23-0004	Proposal for Maintenance Plan for the Woodshop. Including estimated hours and estimated hourly rate. To be included in Budget Proposal 2024 (See 23-0003) and estimated costs for rest of 2023. Closed	07-19-23	Gullion	08-02-23 09-06-23	09-06-23
23-0005	Promote the Woodshop Club. Resulted in: Article in Heather'n Yon. Some other people were approached individually. Closed: Program/Publicity Committee will continue working on this.	07-19-23	All members	08-02-23	08-02-23
23-0006	Proposal for Classes and hiring instructors with estimated costs for Budget 2024 and remainder of 2023. To be included in Budget Proposal 2024 (See 23-0003). In HGMD Budget 2024. Closed	07-19-23	Board and Classes Committee	08-02-23 09-06-23	11-01-23
23-0007	Ideas for classes and how to find instructors. Ideas requested from all members. Schedule for Spring 2024 completed. Closed.	07-19-23	All members	08-02-23 09-06-23	11-01-23

planned. (3) We held an open house and had lots of traffic and had added to our membership. But we have three more ideas that we have started to discuss: SAFETY, ACCESS, and SUPPLIES. These three ideas will be bigger challenges than what we have accomplished so far. They will require major paradigm changes for everyone. Dave stressed that, if we work hard on these, we might see some results in 6 months to a year. He explained he didn't want to sound pessimistic, or discouraging, but he wanted to set realistic expectations. He concluded by asking everybody to keep going. First, we formalize our ideas, and we start advocating for them. To do this we need everyone to SHOW UP, SPEAK UP, AND LISTEN UP. Please come to our meetings, express your opinions, and listen to others and when the time comes, listen to the 17 people mentioned above. Our ideas and voices are powerful.

Richard Barowsky (HGA Maintenance Manager) added on. He stressed that all ideas/proposals/suggestions for Clubhouse Management, HGMD Board or Maintenance have to be written down. This will be necessary to keep track.

3. Discussion about buying supplies

For now, it has been decided that we can buy smaller Woodshop supplies ourselves and get reimbursed. Gary Wooldridge can go ahead and buy a new belt for the sander. Craig Baldwin (HGMD Director) will provide reimbursement forms.

Richard Barowsky (HGA Maintenance Manager) arranged that some of the blades of the machinery will be sharpened. Currently in process.

With the help from Julie Racich (Assistant Clubhouse Manager) a new hose for the ShopVac was purchased. (Craftsman 6 gallon) solved. Now we need filters for the same ShopVac. Filter item number 9-17810) Richard Barowsky (HGA Maintenance Manager) will follow up.

4. Machine maintenance

Richard Barowsky (HGA Maintenance Manager) will get the budget for the Woodshop end of this week from Mike Pula (Director HGA). At that time, we can start the procedure to fill the position for maintenance of all Woodshop machinery.

David Woods (President Woodshop club) stated that it's not clear who will hire the maintenance person and who will supervise the maintenance person of the Woodshop. Richard Barowsky (HGA Maintenance Manager) offered to help to get daily supervision and oversight organized. Important is that the person will keep a log of worked hours and tasks completed. In general Richard again offered help in case adjustments of machinery need to be made.

5. Committee reports.

5.1. (Ad Hoc Committee) Safety education: Lead Dean Lux

Dean reported: Currently Woodshop Orientation Class covers regarding machinery safety training the table saw, band saw, and chop saw. Every third Wednesday you can sign up using the sign-up sheet in the woodshop. There were some additional Woodshop orientation classes conducted on Saturdays end of December because of the overflow of the regular monthly class, and requests for weekend classes. Next Dean announced plans to set up together with Gary Wooldridge and John Sinning, some other machine safety classes, maybe pop-up classes. Richard Barowsky (HGA Maintenance Manager) advised covering a maximum of two machines in a class. Richard and Dave Woods volunteered as additional instructors for these classes in case of need.

discussion Lisa Brown volunteered to take the lead of this effort. The target date to get toys delivered is the 4th. of July. Anyone interested to volunteer and help out, please contact Lisa.

7. Adjourn

David Woods (President) thanked everybody for their hard work in all the committees and all the attendants for taking the time and to join our club meeting.

The meeting was adjourned around 2:08 PM.

Next Meetings

February 7, 2024, 1 PM, Mountain View Room

March 6, 2024, 1 PM, Mountain View Room

April 3, 2024, 1 PM, Mountain View Room

May 1, 2024, 1 PM, Mountain View Room

June 5, 2024, 1 PM, Mountain View Room

July 10, 2024, (Second Wednesday) 1 PM, Mountain View Room

Item #	Description	Created	Owner	Deadline	Completed
23-0008	Meet with Montrell: How instructors are paid and talk about classes. Find out if HGA Maintenance can do Woodshop machine maintenance. Closed	07-19-23	Woods VonVett	08-02-23	08-02-23
23-0009	Approval of the HGWS minutes of the meeting on 8/2/23, 9/6/23,10/4/23, 11/1/23	09-06-23	Board	10-04-23	
23-0010	Ideas for events and programs we could have during meetings	09-06-23	All members	10-04-23	
23-0011	Follow-up on suggestion for business cards to promote the Woodshop Club.	09-06-23	Cherryl	10-04-23	
23-0012	Follow-up on idea to organize "Woodshop Open House event" in conjunction with other events at the clubhouse. Preparations for event are planned for Dec.9 th and started. Closed	09-06-23	Cherryl	10-04-23	11-01-23
23-0013	Safety education plan progress/update	10-04-23	Dean	01-03-24	
23-0014	Machine Maintenance plan progress/update	10-04-23	Pete	01-03-24	
23-0015	Supply Management plan progress/update	10-04-23	Cherryl	01-03-24	
23-0016	Access Control plan progress/update	10-04-23	Kim	01-03-24	
23-0017	Write and communicate a Procedure to report problems non-functioning, or damaged machines, equipment and tools Closed	11-01-23	All Members	11-01-23	11-01-23
23-0018	Investigate the need for a new/larger Bulletin Board in the Woodshop	11-01-23	Dave W, Richard B, Pete V.		
24-0001	Make sure we have the official HGMD Reimbursement Form available for supplies	01-10-24	Sid V.	02-07-24	
24-0002	Filters for the ShopVac. Item number 9-17810	01-10-24	Richard Barowsky	02-07-24	

- I. Meeting called to order at 1:04 p.m. Members attending: Forrest McClure (chair), Tom Sandquist, Tom Parko, John Guise, Glenn Riggs, Lynn Nicholson, Lee Nicholson, Roy Ferguson, Len Robinson.
- II. Chair's opening remarks:
 - A. Welcome new member, Len Robinson
 - B. Bob Andrews has arranged an RV Lot Club spring rally: May 17-19, 2024, at Cherry Creek SP, Arapahoe group campsite. Six RV's are allowed at the site and six members have made their reservations. Thanks Bob!
- III. Unfinished business:
 - A. Sensera security camera location was discussed.
 - B. There was an extensive discussion about the AJI Fence proposal and the accompanying HGMD contract. Regarding the USACE section of fence, John Guise reported that he has corresponded with Aurora Parks & Recreation Open Space Superintendent, Eric Watts, who after our meeting contacted US Army Corps of Engineer representative, Gene Seagle, who scheduled a meeting with John at the RV lot for 1:00 p.m. on Thursday, January 18th. Forrest McClure (chair), Tom Sandquist and HGA Contracts Department personnel, Jon Howell and Don O'Gorman have also agreed to attend that meeting for the purpose of discussing how HGMD and the USACE might work together to improve or replace that section of fence.
- IV. Meeting adjourned at approximately 2:20 p.m.

To: Heather Gardens Metropolitan District

Board of Directors

Committee Members

Report from Rita Effler, Chair Audit/Finance Committee

January 15, 2024, Audit/Finance Committee 1:00 P.M. Board room and on Zoom.

The meeting was called to order at 1:00 P.M. by chair Rita Effler.

Members present were Craig Baldwin, Forrest McClure, Nancy Reid (Zoom), Lee Keene. Carol Anne Mayne (Zoom), and Debbie Parker(Zoom).

Carrie Toennis, the controller, was present.

The Report from the December 18 meeting was approved.

Carrie introduced various formats and reports that are available through the current accounting system. It is probable that the information we have asked for in the past and the reconciliation of funds will be available in the future.

Access to Bank statements for Zion bank and Key Bank was discussed.

It was noted that no one at the present time has access to Key Banc investment statements for HGMD and that Carrie does not have access to Zion Bank Statements.

After extensive discussion, the committee voted to recommend to the HGMD Board that the Request for Capital Expenditure for a new pool filter to be purchased and installed by CEM, Total Project Cost: \$55,000, Contract Amount \$49,193.04, Change Order Reserve of \$5,806.96 be approved. This is a budgeted item and is also recommended by the Clubhouse Committee. A Motion will be written by Craig Baldwin.

Chair Rita Effler presented a request from the Frolics Club to approve deferring the Deposit required prior to scheduling room reservations. The committee did approve recommending to the Board that the deposit be deferred so that the acting clubhouse manager could make the appropriate schedules. A Motion will be written by Craig Baldwin.

The implementation of clubhouse room rentals was discussed. Management reports the retail cost of the rental of the rooms is almost \$10,000. This does not include set up fees. The Frolics Club has had a long standing "contract" for approximately \$1,000. This matter will be referred to the Clubhouse Committee for further consideration. Currently there is no contract, no deposit: The rooms are scheduled. Rita Effler will inform the Clubhouse Committee about the need to assemble a Policy, Procedure, Rules, Regulations, Contracts forms for use by staff, readily available SOP.

The meeting was adjourned at about 2:45 P.M.

Due to a Federal Holiday--

The Next HGMD Audit/Finance meeting will be held Friday Monday, February 16, 2024 at 1:00 P.M.



**HEATHER GARDENS METROPOLITAN DISTRICT
BOARD ACTION**

DATE: JANUARY 18, 2024

MOTION NUMBER: 5-1-18-2024

MOTION: APPROVE POOL SAND FILTER \$55,000 PROJECT COST

I move that the Heather Gardens Metropolitan District Board of Directors approve the Request for Capital Expenditure, in the amount of \$55,000 including installation, removal of the old equipment, and all other necessary services for the new pool filter to function, including a Change Order reserve of \$5,800.96 with a contract amount of \$49,193.04. CEM is the contractor.

**ECONOMIC COST TO THE DISTRICT: \$55,000
APPROPRIATED BY: CAPITAL RESERVES**

Motion by: Rita Effler

Second by: _____

Rationale: The installation of a new sand filter will negate the twice annual draining and cleaning of the pool. It will replace a labor-intensive filter system with a more economical operation. Maintenance reports that the 12 year old system is obsolete with parts unavailable for repair.

Debate: _____

Secondary Motion to : _____

Secondary Motion by: _____ Second by: _____

VOTE:

	_____		_____	
	Yes	No	Yes	No
Craig Baldwin				
Rita Effler				
Eloise Laubach				
Robin O'Meara				
Daniel Taylor				
Total				

The secondary motion does/does not have a majority and passes/fails.
The main motion does/does not have a majority and passes/fails.

Daniel J. Taylor, President
HGMD Board of Directors

Robin O'Meara, Secretary
HGMD Board of Directors

ATTACHMENT 2

**HEATHER GARDENS ASSOCIATION & DISTRICT
REQUEST FOR CAPITAL EXPENDITURE**

PROJECT: Replace the Heather Gardens Clubhouse Indoor Pool Filter with a New Sand Filter

DEPT: Contracts

DATE: 12/13/23

BUDGET	Budget Amount:	\$ 55,000	Contract Amount:	\$49,193.04
Year: 2023	Expended YTD:	\$	Change Order Res.:	\$5,806.96
Tab:	Unexpended Balance:	\$	Total Project Cost:	\$55,000.00
Page:			Add. Funds Requested:	

DESCRIPTION: Remove and dispose of the existing Nemato Diatomaceous Earth (DE) Filter at the Clubhouse Indoor Pool and Replace it with a Neptune Benson - Odyssey Horizontal Sand Filter. The new sand filter includes #50 sand and #20 silica. This project also includes removing the PVC pipe associated with the filter and replacing with new.

JUSTIFICATION: (Attach backup material as required)


The current Nemato Diatomaceous Earth Filter was installed in 2012 and has multiple internal components that need to be replaced at this time. Nemato Corp. has since gone out of business, making parts no longer available. The current DE filter requires a lot of time from HG Maintenance personnel to maintain and keep in good working order. Installing a sand filter will significantly reduce the amount of time HG maintenance personnel will need to spend to keep the pool filter working at an optimal level. In addition, replacing the DE filter with a sand filter is more cost effective then replacing it with another DE filter. The cost savings in switching to a sand filter is \$19,223.

BID COMPARISON: (If required, summarize, or attach separate schedule.)

CEM Sales and Service: **\$49,193.04**
 Colorado Mechanical: **\$47,330.00**
 Long Mechanical: **No Bid Received**

RECOMMENDATION:

The recommendation is to contract with CEM Sales and Services to replace the Clubhouse Indoor Pool filter even though CEM is \$1,863.04 higher in cost. CEM specializes in pool repairs and component replacements whereas the other vendor specializes in mechanical work. CEM is the Neptune Benson representative in CO and work directly with them on all their equipment sales. CEM technicians are factory trained on all of Neptune Benson product offerings. The cost for CEM to remove and replace the existing filter with a new sand filter is \$49,193.04. We are requesting an additional \$5,806.96 in change order reserve funds to cover the cost of unforeseen issues to complete the project. This project is not to exceed \$55,000 without prior HGMD Board approval.

1. Dept. Head 	2. CFO	3. CEO	4. Dept. Chair	5. B&F Committee	6. HGA or HGMD President
<input checked="" type="checkbox"/> Concur <input type="checkbox"/> Non-concur	<input type="checkbox"/> Concur <input type="checkbox"/> Non-concur <input type="checkbox"/> Concur with Justification	<input type="checkbox"/> Concur <input type="checkbox"/> Non-concur	<input type="checkbox"/> Concur <input type="checkbox"/> Non-concur	<input type="checkbox"/> Concur <input type="checkbox"/> Non-concur	<input type="checkbox"/> Concur <input type="checkbox"/> Non-concur

HGA – April 18, 2023

HGMD – April 20, 2023
JPM B-1



3820 S Federal Blvd
 Sheridan, CO 80110
 (303) 762-9470
 www.cemsales.com

Quote / Estimate

Date	Quote #
12/13/2023	11162155

Name / Address
Heather Gardens 2888 S. Heather Gardens Way Aurora, CO 80014

Ship To
Heather Gardens 2877 S. Heather Gardens Way Door #2 Aurora, CO 80014 attn: Jon

TERMS	ENTERED BY	CEM PO	CUSTOMER PO
Net 30	Joe		

Item	Description	Qty	Cost	Total
	Horizontal Sand Filter Replacement			
NB 42048SHFFG ...	FILTER FG HZ ODYSSEY 42048SHFFG-4D	1	24,000.00	24,000.00T
UN-Sand 50#	Filter Sand, 50#, #20 silica	44	16.66	733.04T
Plumbing Parts	PVC Parts and Plumbing Material	1	5,600.00	5,600.00T
Labor - Installation	Remove old Atlas filter and replace with new Neptune Benson Horizontal Sand Filter	1	14,560.00	14,560.00
Shipping	Estimated Shipping		4,300.00	4,300.00

Quote / Estimate Notes

Pricing is valid for 30-days. Pricing does not include anything not called out above. Pricing does not include shipping/freight. A deposit of up to 50% may be required for certain equipment and projects. Please do not pay using this quote; an invoice will be sent. If your terms are COD, payment in full is required before ordering any equipment or performing any work. Thank you for the opportunity.

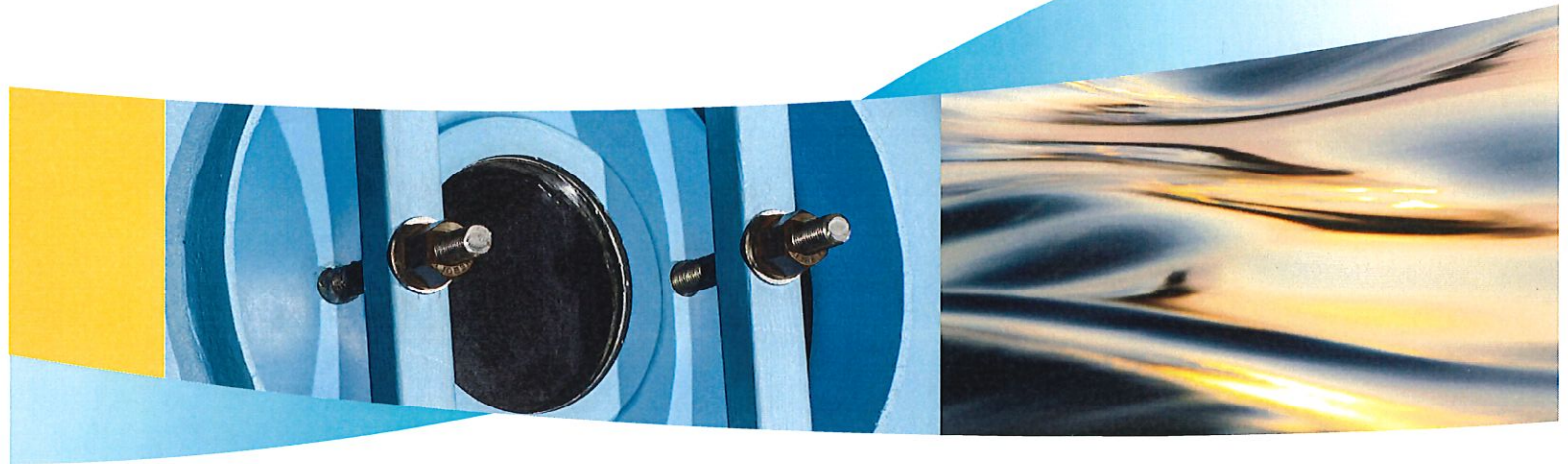
Subtotal	\$49,193.04
Sales Tax (0.0%)	\$0.00
Total	\$49,193.04

ESTIMATE APPROVAL

Signature

Printed Name

Date



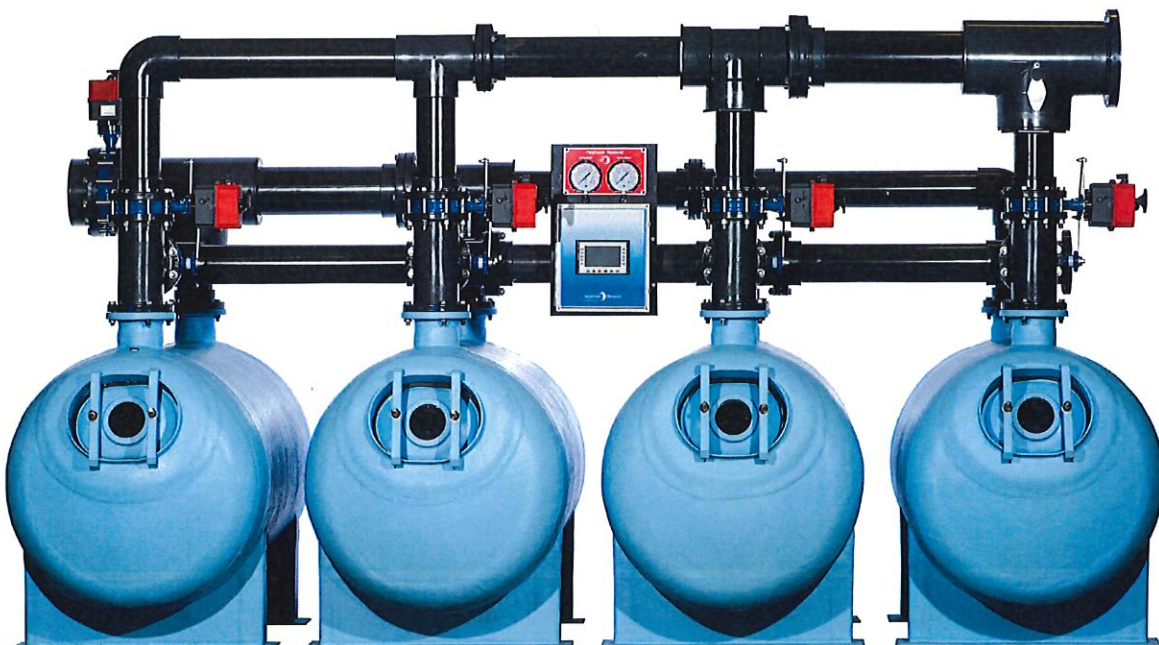
ODYSSEY

HIGH RATE SAND FILTRATION WITH TOP TANK CONNECTIONS

The Odyssey is a high rate sand filtration system utilizing top tank connections in order to reduce space constraints in applications with limited installation footprints. It also incorporates a clear manway cover to allow visibility into the tank and includes Neptune-Bensons automatic programmer to simplify the backwash process.

Features

- Front Manway for easier access
- Top connections for reduced footprint
- NSF Std 50 listed
- Hydraulically designed non-clogging overdrain laterals
- Automatic backwash programmer for up to six (6) tanks in series
- Differential Pressure Monitoring and Bump Control
- Available up to 100 psi operating pressure



WHEN SPACE IS AT A PREMIUM

Neptune-Benson's Odyssey filters provide a flexible solution for projects with limited space. This includes renovations or retrofitted projects. With tank top facepiping and forward facing manway covers, Odyssey can fit into spaces traditional sand filters simply can't.

For projects with even tighter space restrictions we also offer Defender Regenerative Media Filters with a space saving vertical design, improved water quality, and reduced water consumption.

ODYSSEY SIZES/CONFIGURATIONS

Model #	Tank Connection Size	Filter Area	Recommended Flow Rate Range	Filter Rate	Tank Shipping Weight	Operating Weight
	inches	ft ²	gpm	gpm/ft ²	lbs	lbs
(*)4248SHFFG-D	4	17.9	90-358	5-20	478	5354
(*)4260SHFFG-D	4	21.4	107-342	5-16	562	6208
(*)4260SHFFG-D	6	21.4	364-428	17-20	562	6208
(*)4272SHFFG-D	4	24.9	125-349	5-14	604	7216
(*)4272SHFFG-D	6	24.9	374-498	15-20	604	7216
(*)4284SHFFG-D	4	28.4	142-341	5-12	653	8223
(*)4284SHFFG-D	6	28.4	369-568	13-20	653	8223
(*)4848SHFFG-D	4	22.3	112-357	5-16	622	7136
(*)4860SHFFG-D	4	26.3	132-342	5-13	773	9605
(*)4860SHFFG-D	6	26.3	368-526	14-20	773	9605
(*)4872SHFFG-D	6	34.3	172-686	5-20	817	11039
(*)4884SHFFG-D	6	38.3	192-766	5-20	715	10120
(*)6048SHFFG-D	6	30.8	154-616	5-20	841	12460
(*)6060SHFFG-D	6	35.8	179-716	5-20	918	14473
(*)6072SHFFG-D	6	40.8	204-816	5-20	1010	16501
(*)6084SHFFG-D	6	45.8	229-779	5-17	1082	18510

Note: All dimensions are based on fiberglass construction.

Available in 50, 75 & 100 psi working pressure hydrostatically tested to 1.1 x working pressure and designed with a 4:1 safety factor.

Consult Neptune-Benson for dimensional verification on custom fabricated vessels.

All tanks include air relief and drain connections.

(*) Denotes quantity of tanks.

Tank shipping weight includes manifold & internals.



6 Jefferson Drive, Coventry RI 02816

+1 (800) 832-8002 (toll-free)

+1 (401) 821-2200 (toll)

www.neptunebenson.com

www.evoqua.com

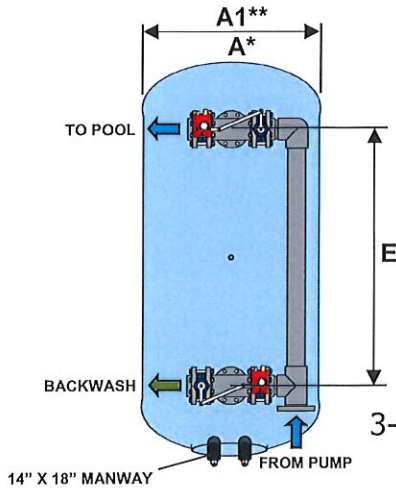
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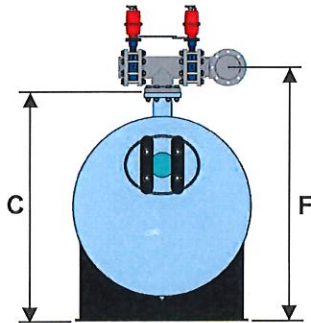
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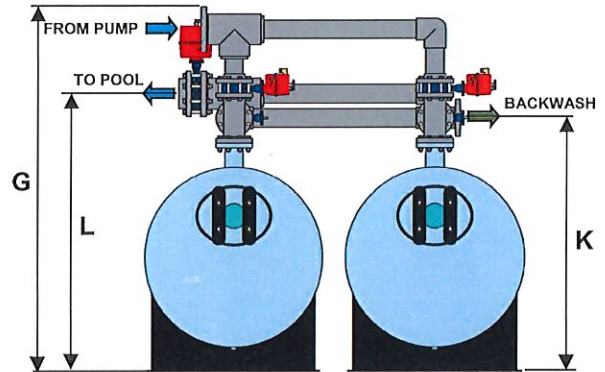
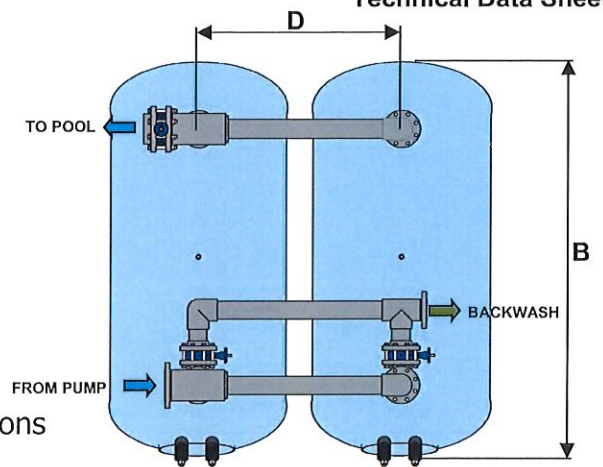
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3-Way Face Piping Configurations



Single Tank Design



Side by Side (SxS) Dual Tank Design

Face Piping Dimensions All dimensions are in inches and are for reference only				
Single Tank				
Mark	Tank Dia.	Face Piping Size		
		4	6	8
F	42	61 3/8	63 3/8	65 3/8
	48	67 1/8	69 1/8	69
	60	79 3/4	81 3/4	83 3/4

Face Piping Dimensions All dimensions are in inches and are for reference only					
Side by Side Tanks					
Mark	Tank Dia.	4x4	6x4	6x6	8x6
G	42	85 1/4	91 5/8	95	100 1/4
L	42	65	69 1/4	68 1/4	70 1/4
K	42	63 1/2	63 3/8	66 1/8	66 1/8
G	48	91	97 3/8	100 11/16	106
L	48	70 3/4	75	74	76
K	48	69 1/4	69 1/8	71 11/16	71 13/16
G	60	-	-	113 5/16	118 5/8
L	60	-	-	86 5/8	88 5/8
K	60	-	-	84 7/16	84 7/16

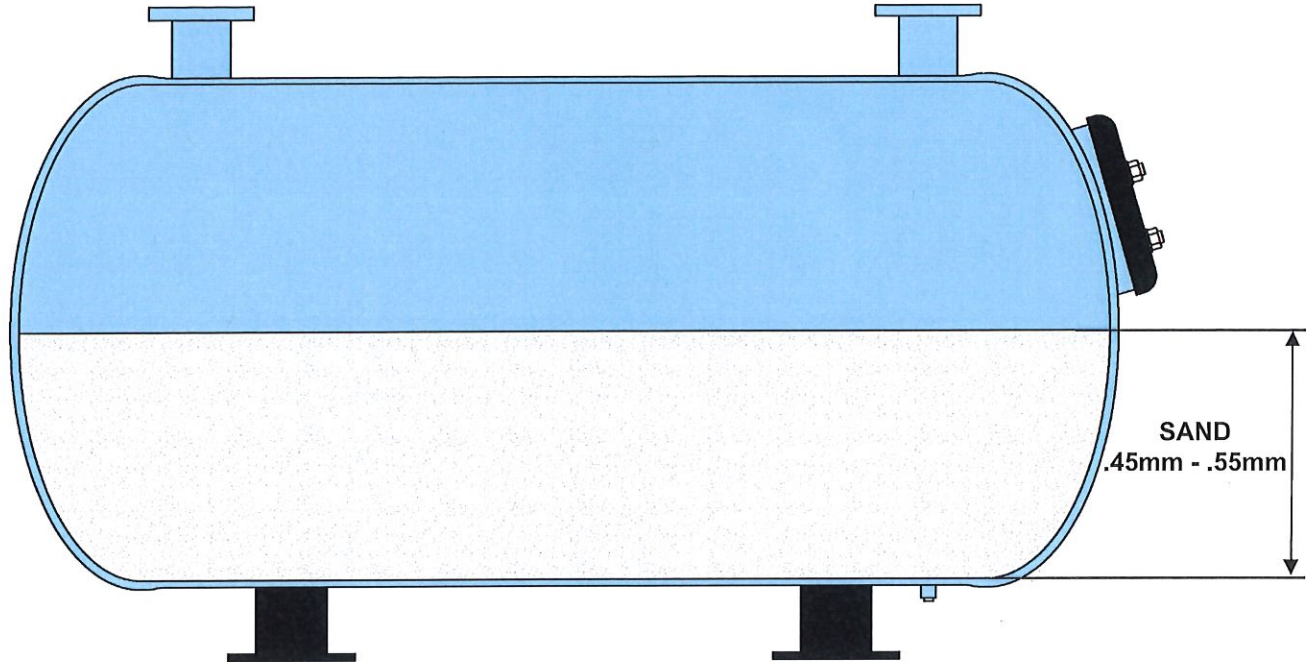
Filter Model Number	Tank Conn Size	Filter Area (SF)	Flow Capacity (GPM)	Filter Rate (GPM/SF)	Tank Shipping Weight (LBS)	Operating Weight (LBS)	All dimensions are in inches and are for reference only					
							A*	A1**	B	C	D	E
(*)4248SHFFG-D	4	17.9	90-358	5-20	478	5354	42	44 1/4	70 1/2	55 1/4	49 1/2	38
(*)4260SHFFG-D	4	21.4	107-342	5-16	562	6208	42	44 1/4	82 1/2	55 1/4	49 1/2	50
(*)4260SHFFG-D	6	21.4	364-428	17-20	562	6208	42	44 1/4	82 1/2	55 1/4	49 1/2	50
(*)4272SHFFG-D	4	24.9	125-349	5-14	604	7216	42	44 1/4	94 1/2	55 1/4	49 1/2	62
(*)4272SHFFG-D	6	24.9	374-498	15-20	604	7216	42	44 1/4	94 1/2	55 1/4	49 1/2	62
(*)4284SHFFG-D	4	28.4	142-341	5-12	653	8223	42	44 1/4	106 1/2	55 1/4	49 1/2	74
(*)4284SHFFG-D	6	28.4	369-568	13-20	653	8223	42	44 1/4	106 1/2	55 1/4	49 1/2	74
(*)4848SHFFG-D	4	22.3	112-357	5-16	622	7136	48	50 1/4	73 1/2	61	55 1/2	38
(*)4860SHFFG-D	4	26.3	132-342	5-13	773	9605	48	50 1/4	85 1/2	61	55 1/2	50
(*)4860SHFFG-D	6	26.3	368-526	14-20	773	9605	48	50 1/4	85 1/2	61	55 1/2	50
(*)4872SHFFG-D	6	34.3	172-686	5-20	817	11039	48	50 1/4	97 1/2	61	55 1/2	62
(*)4884SHFFG-D	6	38.3	192-766	5-20	715	10120	48	50 1/4	109 1/2	61	55 1/2	74
(*)6048SHFFG-D	6	30.8	154-616	5-20	841	12460	60	63 1/2	80 1/2	73 5/8	68 1/2	44
(*)6060SHFFG-D	6	35.8	179-716	5-20	918	14473	60	63 1/2	92 1/2	73 5/8	68 1/2	50
(*)6072SHFFG-D	6	40.8	204-816	5-20	1010	16501	60	63 1/2	104 1/2	73 5/8	68 1/2	62
(*)6084SHFFG-D	6	45.8	229-779	5-17	1082	18510	60	63 1/2	116 1/2	73 5/8	68 1/2	74

Note: All dimensions are based on fiberglass construction. Available in 50, 75 & 100 psi working pressure hydrostatically tested to 1.1 x working pressure and designed with a 4:1 safety factor. Consult Neptune-Benson for dimensional verification on custom fabricated vessels. All tanks include air relief and drain connections.

(*) Denotes quantity of tanks. Tank shipping weight includes manifold & internals. A* = Inside Diameter A1** = Maximum Outside Diameter



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STANDARD MEDIA CHART

Note:
Sand is 100 lbs per cubic foot

All dimensions are in inches

Filter Model Number	Filter Sand (CF)	Filter Sand (LBS)	Bed Depth
(*)4248SHFFG-D	22	2200	21
(*)4260SHFFG-D	27	2700	21
(*)4272SHFFG-D	32	3200	21
(*)4284SHFFG-D	37	3700	21
(*)4848SHFFG-D	30	3000	24
(*)4860SHFFG-D	36	3600	24
(*)4872SHFFG-D	42	4200	24
(*)4884SHFFG-D	49	4900	24
(*)6048SHFFG-D	55	5500	30
(*)6060SHFFG-D	65	6500	30
(*)6072SHFFG-D	74	7400	30
(*)6084SHFFG-D	84	8400	30



R 9/16/16



Project Services Proposal Date: 11/14/2023

By and Between

Colorado Mechanical Systems
7094 S Revere Pkwy
Centennial, CO 80112
(hereinafter "CMS")

Heather Gardens Association
2888 S. Heather Gardens Way
Aurora, CO 80014
(hereinafter "Customer")

Project Information: Pool Mech room
Project Location: 13691 E Marina Dr,

Project Services Description:
Furnish and install new Neptune Benson Horizontal Sand Filter.

Our Project Proposal Includes:

- Remove existing Atlas filter and dispose of properly.
- Furnish and install new Neptune Benson Horizontal Sand Filter. (NB-4248SHFFG Horizontal Filter) Please see specifications.
- Reconnect existing associated PVC piping.
- Include filter sand #50, #20 silica.
- Ensure shut down time to a minimum.
- Perform factory authorized startup and test new equipment
- All tools, equipment, instrumentation and labor necessary to perform project
- Provide Colorado Mechanical Systems 1 year labor warranty
- Provide manufacturer's warranty on all parts
- This proposal is good for 30 days from the date provided to the customer

Project Exclusions:

- Providing equipment, materials and labor for work not detailed in this project's scope of work.
- Providing labor after or before our normal business hours of 7:00 AM to 5 PM Monday through Friday. (unless noted otherwise in this project's scope of work).
- Design and/or engineering.
- Removal/repair/replacement of finished surfaces
- Controls, controls modifications, or upgrades

- Ⓒ Any GC work, drywall repair, carpentry, painting, fire alarm, fire suppression work, sprinkler work, insulation, or repair of pre-existing conditions unless noted otherwise in this project's scope of work.
- Ⓒ Upgrades to line voltage electrical

Other Considerations:

This proposal is subject to change based on unknown items that may occur as a result of public health disturbances, such as material delays, labor shortages, jobsite disruptions or governmental intervention. Equipment manufacturers and production facilities are feeling the impacts of decreasing international imports, health and safety concerns and economic impacts to their businesses. As a result of supply chain delays, manufacturing production may be impacted. Therefore, lead times and production may be extended without warning and pricing may be affected. CMS reserves the right to pass on supplier and subcontractor price adjustments before the material release date, and will not be subject to penalties due to material procurement delays. Known projects with critical completion schedules should be coordinated with CMS, and every attempt will be made to minimize supply chain disruptions effecting project schedules.

CMS reserves the right to progress bill this project as costs are incurred. This includes a standard 15% invoice to cover mobilization costs at the time of material procurement.

Our price for the scope of work is.....\$47,330.00

Thank you for allowing us to provide you with this project proposal. Please sign and return to authorize the above work and we will schedule this work at the mutually agreed to date.

Colorado Mechanical Systems
Ricky DiFranco

Name

Sr. Account Executive

Title

11/14/2023

Date

Heather Gardens Association

Authorized Signature

Title

Date

LIMITED WARRANTY SHFFG FIBERGLASS FILTER

Neptune-Benson, Inc. ("Seller") warranty is limited to defects in material and workmanship and includes the following equipment (collectively "the Work") and durations (the "Warranty Period(s)"):

- The fiberglass vessel warranted for leaks for a period of fifteen (15) years from shipment. NOTE: Confirmation by a field inspection that the defect is covered by this warranty is required. Field inspection of the reported defect shall be performed by an authorized factory representative or by other means acceptable to the Seller. Safe access to the filter, including piping removal, clear space, ladder, power, and lighting, to be provided by Buyer.
- Dominion valves shall be warranted for a period of five (5) years from shipment.
- Plumbing apparatus which makes up the complete filter unit, such as valve linkage, internal and external piping shall be warranted for a period of three (3) years from shipment.
- Manhole covers, gaskets, securing yokes and fasteners shall be warranted for a period of (1) year from shipment.

The cost of media and/or tank removal, reinstallation and transportation shall be borne by the Buyer.

Items of equipment by other manufacturers carry standard warranties as provided by each manufacturer and are subject to the conditions of the original equipment manufacturers installation, operating and maintenance instruction.

Warranty claims must be accompanied with written evidence of ongoing daily compliance to the manufactures recommended maintenance schedule and recreational water standards as defined by federal, state and local requirements.

If Buyer gives Seller prompt written notice of breach of this warranty within the Warranty Period, Seller shall, at its sole option and as Buyer's sole and exclusive remedy, repair or replace the subject parts, or refund the purchase price. Unless otherwise agreed to in writing by Seller, (i) Buyer shall be responsible for any labor required to gain access to the Work so that Seller can assess the available remedies and (ii) Buyer shall be responsible for all costs of installation of repaired or replaced Work.

If Seller determines that any claimed breach is not, in fact, covered by this warranty, Buyer shall pay Seller its then customary charges for any repair or replacement made by Seller. Seller's warranty is conditioned on Buyer's (a) operating and maintaining the Work in accordance with Seller's instructions, (b) not making any unauthorized repairs or alterations, and (c) not being in default of any payment obligation to Seller.

Seller's warranty does not cover (i) damage caused by chemical action or abrasive material, misuse or improper installation (unless installed by Seller) and (ii) media goods (such as, but not limited to, resin, membranes, or granular activated carbon media) once media goods are installed.

THE WARRANTIES SET FORTH HEREIN ARE THE SELLER'S SOLE AND EXCLUSIVE WARRANTIES AND ARE SUBJECT TO THE LIMITATION OF LIABILITY PROVISION BELOW. SELLER MAKES NO OTHER WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE.

DATE OF DELIVERY:

PROJECT NUMBER:

PROJECT NAME:

Revised 10/04/2022