

Meeting Minutes
Mid-Missouri Solid Waste Management District Executive Board
Wednesday, April 8th, 2020 at 1:00 p.m.

Via Google Video Conference
<https://meet.google.com/yf-rczs-vrd>
Join by phone
+1 440-462-3632 PIN: 611 172 725#

OPEN MEETING

Members Present:

Debra Miller	Howard County
Tracy Graham	Audrain County
Tim Grenke	Boone County
M.L. Cauthon, III	Cooper County
Thad Yonke	Boone County Alt
Barbara Buffaloe	City of Columbia
Rachel Senzee	City of Jefferson
Kent Wood	Callaway County

Members Absent:

Jeff Hoelscher	Cole County
John Glavin	Osage County
Greg Robinson	Moniteau County

Others Present:

Lelande Rehard	District Manager
Ramon Garza	District Secretary
Bill Moore	Columbia STEM Alliance

1. Call to order and introductions

The meeting was called to order at 1:00pm by M.L. Cauthon III, Chair.

2. Determination of quorum

It was determined there was a quorum.

3. Approval of agenda

Ms. Buffaloe moved to amend the Agenda and add a line under the District Manager's Report concerning an amendment for H2020-002 Plan Implementation; seconded by Ms. Miller.

Roll Call Vote:

Ms. Buffaloe – Yes

Ms. Miller – Yes

Mr. Cauthon – Yes

Ms. Senzee – Yes

Mr. Wood – Yes

Mr. Grenke – Yes

Mr. Graham – Yes

Motion Approved.

4. Approval of the minutes from the Executive Board Meeting of March 11, 2020.

Ms. Buffaloe moved to approve the minutes as presented; seconded by Ms. Miller.

Roll Call Vote:

Ms. Buffaloe – Yes

Ms. Miller – Yes

Mr. Cauthon – Yes
Ms. Senzee – Yes
Mr. Wood – Yes
Mr. Grenke – Yes
Mr. Graham – Yes

Motion Approved.

5. District Manager's Report

1. District Grants / Final Reports:

Amendment, H2019-010, ReStore Rocks the Roller Rink

Show-me Habitat for Humanity has been able to save money on remodeling and is requesting that the additional funds be re-allocated to improving the site by adding fencing. The amended FAA would extend the project to May 31st, 2022 to allow for the new improvements to be made. The amended budget moves \$12,000 from material handling equipment, \$5,624.27 from shelving, and \$951.95 from signage to \$8,000 for fencing, \$4,500 for concrete pad and driveway, and \$6,076.22 for storage units.

From the Project Manager

The building we purchased included two rear lots that were zoned residential. We hoped to get those lots zoned commercial, but planned as if we wouldn't. Luckily the city recently approved our request. Based on this development we would like to amend our budget. We want to use our existing funds (18k) to develop some of that area as a lay down and storage area. We believe it will be the most impactful way to spend the money. The project includes new concrete driveway/pad, storage containers and fencing. This will be an area that customers have access too. We will also repair some current fencing at our store.

Staff recommends accepting the amendment.

Amendment, H2020-007, Improvements for Harrisburg Recycling Drop-off

John Spry the project manager for the improvements to the drop-off site has requested an additional \$600 in grant funds. The quotes for the project have all come back higher than last year when he wrote the grant proposal. Amendment would move \$600.00 from the Carryover fund to the project.

Staff recommends accepting the amendment.

Amendment, H2020-002, Plan Implementation

The MMSWMD has been approached by Bill Moore with the Columbia STEM alliance to help fund the manufacturing of reusable face shield for health workers and first responders instead of disposable mask. The MMSWMD would reallocate the \$15,000 currently budgeted for the Collection Event towards this project. Producing reusable shield will reduce waste and better help the STEM Alliance meet healthcare demands for PPE.

Bill Moore -

The Columbia STEM Alliance is a Science Technology Engineering and Math education organization. However, based on our deep community connections, technical and supply chain competencies, the CSA board is placing its resources into project Face Shield and the Covid-19 emergency. We are requesting funding support for the purchase of raw materials needed to produce reusable Face Shields. Below is a list of material required to produce 6,000 Face Shields. These Face shields will be provided to Columbia Area Hospitals and first responders at no charge.

Columbia area hospitals, first responders, and elderly care facilities are anticipating a critical shortage of Personal Protective Equipment related to the Covid-19 pandemic. In response to this need the Columbia STEM Alliance (CSA) has partnered with the Columbia public Schools, MU's COVID task force to down select a design, specify, build prototypes and ensure the face shields that are produced meet hospital expectations. The CSA has built a virtual factory and is currently ramping production produce of 6,000+ reusable thousands Face Shields.

Initially, it was believed that a disposable face shields ([https://www.providence.org/lp/100m-masks\)design](https://www.providence.org/lp/100m-masks)design)) would be required to rapidly meet the community need and hospital cleanliness expectations. This would have required the production of over 300,000 single Face Shields and the generation of over 25,000 pounds of solid waste. The CSA worked with local design teams, CPS

teachers, local businesses to build a virtual factory - establish a supply chain and quickly ramp production of reusable Face shields (https://www.prusaprinters.org/social/16-prusa-research/collections/17041#_ga=2.28351740.130548397.1585875329-989955809.1585160140). This virtual factory is producing face shields that are aligned with use needs, and reduce solid waste generation by 98% vs production of disposable Face shields.

The CPS and CSA are providing 3D printers and local volunteers have committed to provide over 5,000 hours of direct production labor and support. Local businesses are donating the use of equipment and Boone County is providing a central location to distribute raw materials and collect finished goods. We believe this may be the largest Community – Non-Profit partnership effort in the country

Partners at the MU College of Education are working with rural school districts to determine if this program can be replicated in smaller communities.

Project Costs

Item	Quantity	Description	Vendor	Unit cost	Total Cost
1	3D Printers	3	Official Creality Ender 3 3D Printer Fully Open Source with Resume Printing All Metal Frame FDM DIY Printers 220x220x250mm	Amazon	\$229.00 \$687.00
2	3D Printers	5	5 of Comgrow Creality Ender 3 Pro 3D Printer with Removable Build Surface Plate and UL Certified Power Supply 220x220x250mm	Amazon	\$229.00 \$1,145.00
3	3D Printers	5	5 of Official Creality Ender 3 3D Printer Fully Open Source with Resume Printing All Metal Frame FDM DIY Printers 220x220x250mm	Amazon	\$229.00 \$1,145.00
4	Printer filament	277	White MH Build Series PLA Filament - 1.75mm (1kg)	matter hackers	\$23.55 \$6,523.35
5	Clear Vinyl	200	20 Gauge 54 Double Polished Clear Vinyl	Big Duck Canvas	\$8.54 \$1,708.00
6	VHB Foam tape	50	Scotch 1 in. W x 125 in. L Mounting Tape White	Westlake's	\$9.59 \$479.50
7	Polycarbonate	62	0.03 in. Thick 24 in. x 24 in. Polycarbonate Sheet	Andy Mark	\$14.61 \$906.11
8	PETG for Face Shield	3,600	Die cut PETG face pieces	Regal Plastics	\$1.30 \$4,680.00
9	PETG for Face Shield	2,400	Die cut PETG face pieces	TBD	\$2.50 \$6,000.00
10	Elastic	6	Barcelonetta 50Yard X 1" Inch Sewing Elastic Elastic Band Spool Knit	Amazon	\$23.90 \$143.40
11	Elastic	28	28 of AK TRADING CO. Knitted Elastic 1" Wide x 50 Yards - Black	Amazon	\$27.95 \$782.60
12	Primary packaging bag	12	Golden State Art, Pack of 100, Acid-Free 16 3/8x 20 1/8 inches Crystal Clear Sleeves Storage Bags for 16x20 Photo Framing Mats Mattes	Amazon	\$23.99 \$287.88
13	Boxes	600	12" x12"x14"	Lawrence Paper	\$1.10 \$660.00
14	Stell rule dies	2		500	\$500.00 \$1,000.00
	Total Materials				\$26,147.84
	Voluntee hours	5,000			\$0.00 \$0.00



Demand

Both Boone Hospital and MU Healthcare are requesting 6,000 units over the next couple of months.

Staff recommend accepting the amendment.

Meetings:

2. Upcoming Meeting/Events:

FY 2020 Fix-it Fairs Dates: ~~April, 11th 1-4pm~~; July, 11th 1-4pm; November, 7th 1-4pm; January (2021), 9th 1-4pm – Location will be Lowes, Columbia, MO.

Executive Board Meeting: ?

District Council: ?

Both meeting are currently scheduled for May 13th.

Ms. Buffaloe moved to approve the Amendments for H2019-010, H2020-007 and H2020-002; seconded by Ms. Miller.

Roll Call Vote:

Ms. Buffaloe – Yes

Ms. Miller – Yes

Mr. Cauthon – Yes

Ms. Senzee – Yes

Mr. Wood – Yes

Mr. Grenke – Yes

Mr. Graham – Yes

Motion Approved.

6. Treasurer's Report and Approval of Unaudited Bills:

For March 2020:

The Checking account reconciled balance is \$1,000.00

The Administrative account balance is \$64,344.01

The District Grant account balance is \$243,437.16

Ms. Buffaloe moved to approve the Treasurer's report; seconded by Ms. Miller.

Roll Call Vote:

Ms. Buffaloe – Yes

Ms. Miller – Yes

Mr. Cauthon – Yes

Ms. Senzee – Yes

Mr. Wood – Yes

Mr. Grenke – Yes

Mr. Graham – Yes

Motion Approved.

No reimbursements or transfers this meeting.

7. Draft Budget Review and Discussion

No vote needed for this item.

8. Authorize Executive Board Chair to request renewal of Administrative Contract

Ms. Buffaloe moved to approve the authorization; seconded by Ms. Miller.

Roll Call Vote:

Ms. Buffaloe – Yes

Ms. Miller – Yes

Mr. Cauthon – Yes

Ms. Senzee – Yes

Mr. Wood – Yes

Mr. Grenke – Yes

Mr. Graham – Yes

Motion Approved.

9. Discussion of postponing University Collection Event

Mr. Rehard has decided to cancel the University Collection Event for this year. Citing multiple concerns related to the COVID-19 pandemic.

10. Other business

11. Adjourn

Ms. Buffaloe moved to adjourn; seconded by Ms. Miller. Motion approved by unanimous voice vote.

The meeting adjourned at 1:47 p.m.

APPROVED:

Respectfully submitted,

M.L. Cauthon III
Chairman, MMSWMD Executive Board

Lelande Rehard
MMSWMD Manager