



Clarke County Litter Committee
Berryville/Clarke County Government Center, 2nd Floor
101 Chalmers Court, Berryville, Virginia 22611
A/B Meeting Room

Tuesday, December 20, 2022 5:30 pm

1. Call to Order
2. Approval of Agenda
3. Approval of Minutes – October 18, 2022
4. Review of Notes From Meeting on November 15, 2022 (no quorum)
5. Planning, Engagement, and Scheduling in 2023
6. 2023 Litter Grant Award
7. Signage Details
8. EPS (Extended Polystyrene) Campaign Planning Details
9. Media Outreach Details
10. Other Business
11. Adjournment



Clarke County Litter Committee

DRAFT – Meeting Minutes

Tuesday, October 18, 2022 – 5:30PM

Berryville/Clarke County Government Center – A/B Meeting Room

ATTENDANCE	
Ashley Harrison (Chair)	✓
Tom Bauhan	✓
Mary Martin	✓
John Keim	X
Meg Roque	X

STAFF PRESENT: Jeffrey Feaga (Preservation Planner / GIS Coordinator), Kristina Maddox (Office Manager / Zoning Officer)

OTHERS PRESENT: Matthew Bass (Board of Supervisor Liaison); Christi McMullen; Jay Corbalis

Call to Order: Chair Harrison called the meeting to order at 5:30PM.

Approval of Agenda:

The Committee voted 3-0-0 to approve the October 18, 2022 meeting agenda with the addition of a discussion about a long-term EPS resolution, litter near the intake of the Berryville Drinking Water Treatment Plant, and an update on Glass Recycling by Christi McMullen.

Motion to approve the October 18, 2022 Meeting Agenda with the addition of a discussion of a long-term EPS resolution, litter near the Berryville drinking water intake, and glass recycling updates:	
Ashley Harrison (Chair)	AYE
Tom Bauhan	AYE (MOVED)
Mary Martin	AYE (SECONDED)

Approval of Meeting Minutes – September 20, 2022:

The Committee voted 3-0-0 to approve the September 20, 2022 Meeting Minutes as amended to include a box for attendance that shows the attendance status of all committee members, e.g. Meg Roque as absent.

Motion to approve the September 20, 2022 Meeting Minutes as presented by Staff:	
Ashley Harrison (Chair)	AYE
Tom Bauhan	AYE (MOVED)
Mary Martin	AYE (SECONDED)

Litter Observed Near Berryville Drinking Water Intakes:

Jay Corbalis noted in the summer of 2022 that the raw water intake to the Berryville Water Treatment Plant on the Shenandoah River had observable litter around it, including what looked like toilet paper and feces from boaters that had pulled up near the intake. Mr. Corbalis suggested that if the Litter Committee ever put trash receptacles along the river, this would be a good location. The area has no trespassing signs and cinder block barriers around the pumping facility, but there are still signs of people trespassing into the

area. The town of Berryville is aware that the area poses a safety risk to anyone who attempts to climb on the equipment. Mr. Corbalis suggested that the area be patrolled more often to monitor the area.

Glass Grinding - Christi McMullen continues in her efforts to crush glass collected at the Quarry Road facility. At this Ms. McMullen's operation collects 1,000-2,000 lbs/week. A non-profit 501c3 status is being set up for the purposes of getting grants and tax free donations, and to facilitate off-loading crushed glass product. Ms. McMullen has connected with other independent glass crushers, and was pleased to find that her glass processing numbers exceed most other operations. Weights are determined by placing collected bulk glass into 55 gallon drums and summing the weights. Ms. McMullen is running out of room in her garage to accommodate the volume of materials that she is processing.

Ms. McMullen's start-up cost for this operation was approximately \$8,000, with \$7,000 being for the purchase of the glass crusher. Rappahannock provides a grant every 2 years for up to \$5,000, and is expected to be a primary funding source for maintaining her operation. Crushed glass is placed in sandbags which cost about \$40 for 100 sandbags. Ms. McMullen goes through about 150 sandbags / month. Equipment maintenance and sieves are potential costs for continuing the operation.

Crushed product is primarily provided to citizens that use the sand for chicken feed and filling driveway holes. Those that use the sand are encouraged to give a donation. Ms. McMullen's goal would be to find a few organizations that take most of the product as opposed to needing to spend so much time finding numerous people or organization to take the product. Ms. McMullen is spending upwards of 20 hours/week on the glass crushing work. New markets are being explored, including an insulation company named Knauf that is based out of Indiana but has a local plant in Inwood, WV. Knauf insulation will receive several samples of Ms. McMullen's product in order to see if it is sufficient for their insulation raw materials. Mr. Feaga will work with Ms. McMullen to figure out which glass sizes and sieving sequences will make a product likely to be acceptable by Knauf.

Planning and Engagement for Fall 2022 and Winter 2022-2023:

The litter pick up event on October 15, 2022 was a success despite it not being well attended. The condition (based on the amount of strewn litter) of Castleman's Ferry was better than before the pickup that was done in Spring 2022.

The next litter pick up event was planned for Saturday November 12th at Berry's Ferry (Route 50 Bridge over the Shenandoah) at 9 a.m. Coffee and donuts might be provided. Mr. Feaga noted we should advertise with the local chapter of Master Naturalists, Potomac Valley Audubon Society, Friends of Blandly, and the Winchester Isaac Walton League. Hopefully some of these volunteers from other organizations would offer to join the Litter Committee's preferred volunteer list. The question of whether to invite kids was posed. The Committee agreed that it was best to not have a youth-focused event, rather to advertise that kids are welcome only if their parents attend.

The Committee decided that winter should be spent planning for spring events. The 2023 Earth Day event should be a priority.

The Committee wants to keep the planned December 20th Litter Committee meeting on the calendar.

Adopt a highway

Mr. Feaga informed the Committee that the VDOT representative for the adopt a highway program is not able to process our request for road information as their computer system is down and unworkable at this time. We will need to try again in the future.

The Litter Committee inquired about the roads and their lengths voted on in the previous meeting. Mr. Feaga noted the sections of the three roads preferred for adoption in the last meeting (Senseny, Salem Church, and Opequon Road) added up to 3.6 miles. Mr. Bass noted that all of Senseny Road is very dangerous for pedestrians and trash crews due to high speed and narrow shoulders. Mr. Bauhan suggested that instead of including Senseny in the Committee’s adoption preference, that the Salem Church section be expanded so that it stretched from its intersection with Senseny south to the Pyletown Road intersection.

VDOT-program adoption of portions of Salem Church Road and Opequon Road

The Committee voted 3-0-0 to adopt portions of Salem Church and Opequon Road.

Motion to adopt portions of Salem Church and Opequon Roads:	
Ashley Harrison (Chair)	AYE
Tom Bauhan	AYE (MOVED)
Mary Martin	AYE (SECONDED)

The motion carried, the Litter Committee requests that Staff update the preference for adopting a road by striking its interest in Senseny road and instead only adopt portions of Salem Church and Opequon Roads through the VDOT Adopt a Highway Program, pending availability.

Ms. Maddox asked if we need to officially go through the VA adopt a highway process in order to start picking up the sections of roads that the Committee would prefer to adopt. The Committee decided that there was nothing wrong with picking up along these roads on a trial basis, but there would be no signage and recognition of the group and their efforts. Ms. Martin noted that when officially adopted, a ground-mounted sign is put up on both endpoints of the adopted road sections.

EPS campaign

Ms. Harrison has polled people in the community and they have found that there are economic disincentives for restaurants to change the products they are using to non-EPS materials. Mr. Bauhan suggested we look at some of the successful efforts in the greater NOVA region. Mr. Feaga offered to find some planners, committees, or other groups that may be a model for Clarke County’s EPS campaign. Mr. Feaga also added that education should be our focus, as opposed to approaching the EPS campaign with the goal of getting restaurants to make any immediate changes.

Ms. Harrison noted that Jim’s Country store uses EPS cups that seem to appear as litter along the road near the river. The Committee thought this might be a good establishment to target as part of the EPS campaign.

The Committee talked about the merits of having increased costs for plastic and polystyrene options, without outright banning them.

Media Outreach and Community Engagement

Mr. Feaga reminded the Committee that John Keim made a loose commitment to write some educational articles related to the Litter Committee. Mr. Feaga asked the Committee on ideas for articles. One idea was to highlight the event on October 15th and other former events in order to promote the activities of the Litter Committee. Ms. McMullen recommended to not just use Facebook as it is not used by many people. Mr. Corbalis suggested a treasure hunt or contest might be a volunteer motivator. Ms. McMullen suggested a geocache. Mr. Feaga suggested that one bottle could be pre-painted to identify it as a piece of prize litter during a pickup event. A weigh-off of trash was suggested as another contest idea. Ms. McMullen noted how prizes and competition have been a big motivator for fundraising or service projects in her previous experiences.

Habitual Litterers and Local Problem Spots

Mr. Corbalis noted there are certain people that habitually throw litter in certain areas of the county. In the case of Mr. Corbalis’ current issue, someone has been throwing banana peels in his yard. Mr. Corbalis suggested that the county have one or two professionally made signs to loan out to landowners when litter problems arise on private property. Mr. Feaga noted that the idea could work, but that the signs would need to be placed on private property as opposed to in the VDOT right-of-way.

Ms. Harrison wondered if VDOT already had any signs that could work for Mr. Corbalis’ purposes.

Trash Receptacles at Boat Ramps

Mr. Feaga summarized a conversation that he had with Jackson Dierberg, a DWR officer that works in Frederick, Clarke, and Warren Counties. Officer Dierberg felt that in his experience a dumpster or trash receptacle at DWR boat ramps would only encourage dumping, but that he would not prevent a receptacle from being placed at the boat ramp if somebody or some organization offered to maintain the receptacle. Ms. McMullen thought that she knows some people that might volunteer to pick up trash once or twice a month if a receptacle were placed at a boat ramp. Mr. Feaga recommended it may be best to put a lid onto the trash barrel that limits the size of the trash that can be put into the trash barrel, thus discouraging the use of the barrel for large items. Ms. Harrison asked how often Officer Dierberg could be contacted. Mr. Feaga said that while Officer Dierberg is limited by the 3 county extent in which he works, the officer still encouraged people to contact him if needed. Finally, Officer Dierberg said that litter pick up events seem to have the most success for keeping boat ramp areas clear of excess litter.

Signage

Mr. Feaga wondered if the bridge abutment at Castleman’s Ferry boat ramp could be painted with an anti-litter mural. The bridge is owned by VDOT. Officer Dierberg said that he would facilitate the project if VDOT were to permit the project. Ms. Harrison said that she knows some artists who could be interested in the project. Mr. Feaga suggested enlisting the talents of high school students or other young people. Mr. Feaga offered to explore the process for getting permission to paint a mural, and would start by contacting folks in Luray, Virginia as they have painted several murals, including one on VDOT property.

Adjournment

There being no further business, the Committee agreed to adjourn the meeting at 6:48PM. The next Clarke County Litter Committee meeting is scheduled for November 15, 2022 at 5:30 PM.

The Committee voted 3-0-0 to adjourn the October 18, 2022 meeting at 6:56PM.

Motion to adjourn the October 18, 2022 Litter Committee meeting at 6:56PM:	
Ashley Harrison (Chair)	AYE (SECONDED)
Mary Martin	AYE
Tom Bauhan	AYE (MOVED)

Jeffrey Feaga (Clerk)



Clarke County Litter Committee

DRAFT – Meeting Minutes (no quorum)

Tuesday, November 15, 2022 – 5:30PM

Berryville/Clarke County Government Center – A/B Meeting Room

ATTENDANCE	
Ashley Harrison (Chair)	X
Tom Bauhan	X
Mary Martin	✓
John Keim	✓
Meg Roque	X

STAFF PRESENT: Jeffrey Feaga (Preservation Planner / GIS Coordinator), Kristina Maddox (Office Manager / Zoning Officer)

OTHERS PRESENT: Matthew Bass (Board of Supervisor Liaison); Christi McMullen

Call to Order: There was no quorum for today’s meeting.

Litter Observed Near Berryville Drinking Water Intakes:

Mr. Feaga summarized a conversation he had with Christy Dunkle, Berryville Planner, about the drinking water intakes for the town of Berryville. A citizen had expressed concerns about activities near the intakes that could potentially threaten water quality. These concerns were documented in Meeting Minutes for October 18, 2022. Ms. Dunkle stated that they are aware of the concerns, and that for the most part the concerns were unwarranted. She stated that the drinking water intake area will likely have video surveillance installed when upgrades are made to the facility in approximately 5 years. She acknowledged that there was litter in the area of the intakes, and that the litter committee had permission to pick up the area as long as the town was notified prior to the pick-up event.

Litter Pick Up Event at Berry’s Ferry and Future Events:

Ms. Maddox described the November 12th litter pick up at the Berry’s Ferry Boat Ramp (Route 50 Bridge) as a success. A new volunteer showed up. In the future, we need to notify potential volunteers earlier about our events. Ms. McMullen noted events posted on the Clarke County site should be reposted to the Clarke County community happenings site, which has over 10,000 followers using it.

Mr. Keim suggested that a winter litter pick up on Salem Church Road and Opequon Road would be a good idea, since litter is visible with the short grass and lack of leaves in the trees. Mr. Bass reminded any litter crews planning to work on Salem Church Road to notify VDOT before the event.

Glass Grinding - Christi McMullen has not heard any response from Knauf Insulation about the results of the cullet analysis that was made on the samples she sent to the company several weeks ago. This company is a potentially good consumer for her product. In the meantime, Ms. McMullen continues to offload her crushed cullet to various locals that use it for various purposes. She is willing to give the sand away for free. At the end of October, Ms. McMullen calculated that they had crushed 11 tons of glass this year. Ms. McMullen is seeking the services of a lawyer or an accountant to set up a non-profit for her glass crushing operation. Ms. McMullen contacted Clarke County Parks and Recreation about using the sand for their ball fields, but that they were concerned and needed more testing on the product. It is unclear about what type of testing would satisfy Parks and Recreation requirements for a safe product.

EPS campaign

Mr. Feaga did some research on EPS campaigns in Virginia and Maryland. He discussed the existing EPS ban in Maryland, and noted Montgomery County has much printed and video information about their EPS campaign. Montgomery County also compiled a list of current prices of non-EPS products and how they could be used to substitute for specific EPS-containing products. Mr. Feaga included a list of people in the meeting packet that may be a good resource for contacting about Clarke's EPS campaign.

Signage

Mr. Bass stated signage is one of the best things the Litter Committee could invest in to reduce littering. Mr. Keim has observed some existing signs near the Berry's Ferry boat ramp, but opined that the signs were small and not prominent. Signs appealing to people's conscience as opposed to punitive signs are preferred. Good signage should remind the reader that they are dealing with somebody real. Mr. Keim and Mr. Bass thought it might be a good idea to have a contest to come up with an anti-litter slogan to put on signs. Mr. Feaga suggested we should limit the slogan to a certain number of characters. He noted the work on language for small signs could begin right away, but that it may be a bad idea to plan on mural ideas before we have any VDOT input on the process. Mr. Feaga has not yet been successful at contacting VDOT about getting permission to paint an anti-litter mural at Castleman's Ferry boat landing.

Jeffrey Feaga (Clerk)

Clarke County Litter Committee 2023 Meeting Dates

Meeting Location: Clarke County Government Building, 2nd Floor A/B Conference Room

**3rd Tuesday of each month at 5:30pm*

Tuesday, Jan 17

Tuesday, Feb 21

Tuesday, Mar 21

Tuesday, Apr 18

Tuesday, May 16

Tuesday, Jun 20

Tuesday, July 18

Tuesday, Aug 15

Tuesday, Sept 19

Tuesday, Oct 17

Tuesday, Nov 21

Tuesday, Dec 19

2023 Thinking Ahead: Litter Committee Event Ideas, Etc.

JANUARY

- Planning for 2023 (meeting dates, event dates, pick up events, list of goals, website discussion)
- Clarke Monthly Write Up

FEBRUARY

- Adopt-a-Road Pick Up Event
- Equipment Needs and Sign Design

MARCH

- Planning for Earth Day Pick Up Event
- Clarke Monthly Write Up
- Equipment and Sign Purchasing

APRIL

- 4/22/23 – Earth Day Pick Up With Shenandoah River Keepers (All boat ramps)
- EPS campaign delivery

MAY

- Host a tent and gain volunteers at the Farmer's market?
- Chet Hobert and Adopt-A-Road Pick Up Event
- Clarke Monthly Write Up

JUNE

- Rt 7/340 Roadside Pick Up Event
- All Litter Grant expenditures must be made by end of month

JULY

- Chet Hobert Pick Up Event
- Clarke Monthly Write Up

AUGUST

- Clarke County Fair (Do we want to do another tent and pick up?)
- Adopt-A-Road Pick Up Event

SEPTEMBER

- River Cleanup (Rt 7 Boat Landing)
- Clarke Monthly Write Up
- Fiber Festival and Watermelon Pickers' Fest at the Fairgrounds (Pick Up Event at end of the month?)

OCTOBER

- Do we want to participate in the Halloween parade?
- River Cleanup (Locke's Landing and Route 50 bridge)

NOVEMBER

- Do we want to do a festive parking meter? (Applications are due mid-November)
- Adopt-A-Road Pick Up Event
- Clarke Monthly Write Up

DECEMBER

- Parade (applications are due first week in December)

Zimbra

jfeaga@clarkecounty.gov

FY2023 Non-Competitive Litter Prevention and Recycling Grant

From : ceds@deq.virginia.gov

Wed, Dec 14, 2022 12:25 PM

Subject : FY2023 Non-Competitive Litter Prevention and Recycling Grant**To :** cboies@clarkecounty.gov, jfeaga@clarkecounty.gov**Cc :** jfeaga@clarkecounty.gov

Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

1111 E. Main Street, Suite 1400, Richmond, Virginia 23219

P.O. Box 1105, Richmond, Virginia 23218

(800) 592-5482 FAX (804) 698-4178

www.deq.virginia.govActing Secretary of Natural
and Historic ResourcesMichael S. Rolband, PE,
PWD, PWS Emeritus, PE,
PWD, PWS Emeritus
Director
(804) 698-4020

December 14, 2022

Chris Boies
County Administrator
Clarke County
101 Chalmers Ct., Suite B
Berryville, VA 22611

Dear Chris Boies:

I am pleased to inform you that a total grant award of **\$10,960.51** has been approved for the **Clarke County** Litter Prevention and Recycling Program activities and the Extended Polystyrene (EPS) campaign for the period of July 1, 2022 to June 30, 2023.

The total grant award amount above includes the following:

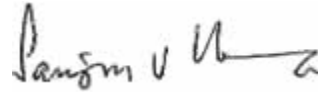
Non-Competitive Grant Award: \$9,570.00

EPS Campaign Amount: \$1,390.51

Processing of the grant awards is underway, and a payment for this amount should be received within the next two weeks if funds can be transferred electronically (EDI) or in thirty days if processing by check is required.

If you have any questions or need additional information, please contact Prina Chudasama at prina.chudasama@deq.virginia.gov or at (804) 659-1530.

Sincerely,



Sanjay Thirunagari
Programs Manager
Division of Land Protection & Revitalization

Contacts for more information on EPS campaign

DEQ

Prina Chudasama
Environmental Specialist II
Department of Environmental Quality
1111 East Main Street, Suite 1400
Richmond, VA 23219
(804) 659-1530 - Please note the new phone number
prina.chudasama@deq.virginia.gov

KATIE REGISTER

Clean Virginia Waterways of Longwood University
registerkm@longwood.edu
434-395-2602

Matt Strosnider

Howard County Maryland
mstrosnider@howardcountymd.gov

Eileen Kao, Chief, Waste Reduction and Recycling Section,
Department of Environmental Protection,
Division of Solid Waste Services, 101 Monroe Street, 6 nd Floor, Rockville,
Maryland, 20850;
240-777-6406; TTY Number: 240-777-6442;
Email: eileen.kao@montgomerycountymd.gov.

- 1)[https://mde.maryland.gov/programs/Land/RecyclingandOperationsprogram/Pages/Expand
e
d-Polystyrene-Food-Service-Products-Ban.aspx](https://mde.maryland.gov/programs/Land/RecyclingandOperationsprogram/Pages/Expand%20Polystyrene-Food-Service-Products-Ban.aspx)
- 2)<https://www.montgomerycountymd.gov/SWS/switchfromsix/index.html>
- 3)<https://www.youtube.com/watch?v=ExWG30kcLoA&t=159s>
- 4)[https://virginiaplasticpollutionpreventionnetwork.wildapricot.org/Sys/PublicProfi
l
e/56167987](https://virginiaplasticpollutionpreventionnetwork.wildapricot.org/Sys/PublicProfile/56167987)