



Clarke County Litter Committee

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

Tuesday, June 21, 2022 5:30 pm

1. Call to Order
2. Approval of Agenda
3. Approval of Minutes – April 19, 2022
4. Equipment purchases for general use by committee members and associated volunteers
 - Bags, gloves, vests, grabbers, shovel, mattock
 - Litter Crew Sign and stand
5. Equipment storage - Lisa Cooke's reception desk as checkout for litter pickup supplies?
6. Video – Trash Free Shenandoah litter pick up event was showcased in a video produced by The Downstream Project with DEQ Litter Grant Funds. See a draft version of the edited video at: <https://player.vimeo.com/video/714615409?h=2e2071d059>
7. Planning and engagement for Summer and Fall 2022
 - Opportunity to help Christ McMullen with glass grinding effort
 - Fall pick up along river and other places
 - Cargo net purchase and distribution
8. Adopt a highway
 - Litter Committee interest in adoption
 - Updated map with cancelled road adoptions
9. Litter grant awards from DEQ
 - All purchases need to be made before end of June
 - Next grant cycle applications due. Ideas for using funds?
10. Media outreach and community engagement
 - Written material
 - Education – directed toward the committee or directed to the public
11. Other business
12. Adjournment



Clarke County Litter Committee

DRAFT – Meeting Minutes

Tuesday, April 19, 2022 – 5:30PM

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

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

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

OTHER PRESENT: Matthew Bass (Board of Supervisor Liaison)

Call to Order: Chair Harrison called the meeting to order at 5:34PM.

Approval of Agenda:

The Committee voted 5-0-0 to approve the April 19, 2022 meeting agenda.

Motion to approve the April 19, 2022 Meeting Agenda as presented by Staff:	
Ashley Harrison (Chair)	AYE
Tom Bauhan	AYE (MOVED)
John Keim	AYE (SECONDED)
Meg Roque	AYE
Mary Martin	AYE

Approval of Meeting Minutes – January 18, 2022:

The Committee voted 3-0-2 to approve the January 18, 2022 Meeting Minutes as presented by Staff.

Motion to approve the January 18, 2022 Meeting Minutes as presented by Staff:	
Tom Bauhan	AYE (MOVED)
John Keim	AYE (SECONDED)
Meg Roque	AYE
Ashley Harrison (Chair)	ABSTAINED
Mary Martin	ABSTAINED

Approval of Meeting Minutes – February 15, 2022:

The Committee voted 3-0-2 to approve the February 15, 2022 Meeting Minutes as presented by Staff.

Motion to approve the January 18, 2022 Meeting Minutes as presented by Staff:	
Ashley Harrison (Chair)	AYE
John Keim	AYE (MOVED)
Mary Martin	AYE (SECONDED)
Tom Bauhan	ABSTAINED
Meg Roque	ABSTAINED

Meeting notes and follow up discussion from Tuesday March 15 meeting (no quorum at that meeting)

Mr. Feaga noted he was sent a list of roads that were currently or recently in the Virginia Adopt a Highway program. Roads that were not on the adoption list were candidate roads for pickup by VDOT. Mr. Feaga asked committee members whether they had seen any evidence of VDOT litter removal activity. Mr. Bauhan noted VDOT thoroughly picked up Pyletown Road from Route 340 to Salem Church. No other direct observations were made. Mr. Bass noted VDOT reported picking up 850 bags of litter of 5 secondary routes, although it is not clear if this material was all from Clarke County or from the region.

Mr. Keim asked what adopting a highway entails. Ms. Martin stated the person or organization adopting the road needs to report how many bags of litter, what types of trash were picked up, and how many hours were spent picking up litter on the adopted road. Mr. Keim asked whether it would be good to encourage a local organization or sports team to adopt a road so that the Litter Committee would not need to organize the event. Ms. Maddox reminded the committee small kids such as girl scouts were not allowed on the roads. Mr. Bass stated if the Litter Committee wanted to adopt a road, it would be good to choose some kind of road with County significance. Mr. Feaga stated it would be useful to use the list of Adopt a Highway sites VDOT provided to select a significant road that wasn't already adopted, perhaps a scenic road. Ms. Harrison suggested a road that leads to the dump would be a productive road to adopt.

Planning and Engagement for spring 2022 Litter Events:

Mr. Bass stated the Girl Scout pick up event on March 26th was a success, although a little too long to hold the girls' attention. It would have been nice to get more public involvement.

Mr. Feaga noted the April 23rd litter pick up is advertised on the Clarke County calendar and there is also a Facebook link. The Facebook link can be easily shared with others on social media. Mr. Keim said having a consistent method for advertising in general should be effective once people get familiar with the committee's activities. Ms. Harrison stated she has a friend at the high school and believes that it is possible to engage high school students through these teachers. Future Farmers of America, 4-H, and the Ruritan club would be potential volunteers or candidates that can host litter pick up events.

Mr. Bass suggested a year-end letter sent to many county residents could help advertise the litter committee and its events. The letter could be modelled after the Conservation Easement letters that are sent to residents. The letter could explain the role and mission of the Litter Committee, share some photos, and promote several events that we have planned for 2023. Ms. Maddox suggested we should get a quote for this from Robin Cardillo, who creates these mailers for the Easement Authority. Mr. Feaga stated this should be an allowable expense for the DEQ Litter Grant. Mr. Keim and Ms. Harrison stated we should regularly promote the Litter Committee in Clarke Monthly.

Safety and Liability

Mr. Feaga shared the updated Safety Guidelines & Responsibilities sheet and the Agreement to Participate and Release sheet. He noted a risk manager reviewed the documents for the county and that the materials

were deemed acceptable for use. All participants need to sign, regardless of age. Minors need to sign and have their legal guardians sign as well. Mr. Bass stated if a minor shows up to an event without their guardian, they should sign and then have their parents sign and return a permission after the event.

Equipment List for Spring 2022 Litter Events:

Ms. Harrison offered to pick up litter equipment from VDOT for the April 23rd event. Mr. Keim offered to pick up the material from Ms. Harrison if she was unable to come to the April 23rd event.

Equipment was purchased for use by the Shenandoah River Keepers for the Trash Free Shenandoah Litter pick up event. This event is a large one for that organization, and they are aggressively encouraging Clarke County to participate in their annual event.

Mr. Keim noted that he and others may want to have access to typical litter pick-up equipment whenever needed. The committee discussed potential places to store the equipment so that it could be used whenever member of the committee needed to borrow it. Ideas included a lock box in front of the county building, people's homes, and Mr. Feaga's office. No location was chosen.

Purchase through DEQ Litter Grant Funds

Mr. Feaga noted two of the dumpsters that are afforded through previous DEQ Litter Grant funds are being pulled from Cooley Elementary and the Middle School because they are being contaminated with food waste and other non-recyclable refuse. The costs of trash in the recycling stream is that many waste streams need to be landfilled instead of being recycled. The committee all agreed that there are a lot of questions about what materials are actually recyclable and that there are a lot of educational opportunities centering on this topic.

Mr. Feaga reminded the committee about the idea of getting cargo nets. Mr. Keim and Ms. Harrison inquired about signage for the sides of the road such as "secure your load" or "keep Clarke beautiful", or "Keep Clarke Clean". Mr. Bass said to talk to Ed Carter or Matt Smith of VDOT about signage. Mr. Bass stated that signage is rather expensive and quotes should be gathered so that future Litter Grant Funds could be used for the signage.

Media Outreach and Announcements

Mr. Keim reminded the Committee it is important to continue to write articles for the Clarke Newsletter with the help of Cathy Kuehner and suggested having a series of short articles about different topics such as: "what is recycling?", "where can you recycle?", "litter at the boat landing areas", "historical aspects of litter and recycling", and "what are the most valuable recyclable items?". Mr. Bass agreed, and included the topics of introduction to the litter committee, the success of past events, and a story about the amount of litter that accumulates on and near the river each year.

Other:

Mr. Bauhan inquired if there could be an award incentive for picking up litter. Keeping track of hours emerged as the best way to measure litter pick-up effort. Mr. Feaga said there are many limitations to awards using Litter Grant Funds, but that basic award such as plaques appear to be allowed. Mr. Bass suggested that Board of Supervisor recognition may be a good prize if some type of challenge were created.

Adjournment

There being no further business, the Committee agreed to adjourn the meeting at 6:41PM. The next Clarke County Litter Committee meeting is scheduled for May 17, 2022 at 5:30 PM.

The Committee voted 5-0-0 to adjourn the April 19 meeting at 6:41PM.

Motion to adjourn the April 19, 2022 Litter Committee meeting at 6:41PM:	
Ashley Harrison (Chair)	AYE
John Keim	AYE (MOVED)
Mary Martin	AYE (SECONDED)
Tom Bauhan	AYE
Meg Roque	AYE

Jeffrey Feaga (Clerk)



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 <small>Signfaces Sold Separately</small>	<u>Litter Crew Ahead</u> Size : 36" x 36" (H x W) Material : Reflexite Marathon 4-Pocket Sewn Roll-Up Signface - 36" x 36" Part # : WM-0045-WM-0045-M-S-36x36 Price Group : WM-0045-M-S-36x36 Expected ship date: June 14	\$126.712/Sign Package: 1 Sign	1 Sign Update	\$126.71
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<https://player.vimeo.com/video/714615409?h=2e2071d059>



https://www.winchesterstar.com/winchester_star/glass-recycling-effort-to-continue-at-clarke-convenience-center/article_cf0351dd-b17b-5d16-9528-783238b17214.html

HOT CENTERPIECE

Glass recycling effort to continue at Clarke convenience center

By MICKEY POWELL The Winchester Star
Jun 2, 2022



Clarke County resident Christi McMullen is volunteering her time and effort to reduce the amount of glass deposited into landfills. A glass recycling program that began in May at the county's convenience center has been so successful that it will be extended indefinitely. McMullen will use her glass-crushing machine to turn glass collected there into reusable sand.

Photo contributed

BERRYVILLE — A glass recycling pilot program at Clarke County's convenience center will continue indefinitely, having been deemed successful.

More than 2,000 bottles and jars were collected in May at the center on Quarry Road (Va. 612), off Harry Byrd Highway (Va. 7) east of Berryville.

The glass is being pulverized into sand that can be used for various purposes. Those include making cement, doing arts and crafts projects, creating sandboxes for children and mixing into soil to prevent erosion, according to Christi McMullen, a county resident spearheading the project voluntarily.

When combining with soil, “it stays fluffy,” McMullen said of the sand. “You don’t have to worry about it breaking down” like other materials do.

A trailer in which McMullen collects bottles and jars will continue to be stationed at the convenience center on weekends, said county spokeswoman Cathy Kuehner.

“I don’t think anybody had any personal expectations” as to how much glass would be collected, Kuehner said. However, the program has been “very well received” by the public.

For residential use only, the convenience center is open from 3-7 p.m. Friday, 7 a.m.-6 p.m. Saturday, 10 a.m.-3 p.m. Sunday and 9 a.m.-3 p.m. Monday. It generally accepts only paper, cardboard, aluminum and steel cans, and No. 1 (PET) and No. 2 (HDPE) plastic materials. Soft drink and water bottles and milk jugs are among the latter.

Glass wasn’t accepted at the center until May because demand for it isn’t as heavy as that for other types of recyclable materials, according to a county webpage. Many recycling centers nationwide also don’t accept glass, environment-related websites show, for that reason and others, including safety concerns and higher transportation costs because it’s heavier than other materials.

Bottles and jars are the only glass items being collected at Clarke’s center. Mirrors, windows and heat-tempered glass items, such as kitchenware, can’t be accepted.

Statistics show that only about one-third of discarded glass items in the United States are recycled. In Virginia, it’s only about 10%.

Because it’s made from sand, though, glass can be recycled over and over, noted Kuehner.

But it must be rinsed and cleaned before it's deposited at the convenience center to prevent contamination, she emphasized. Lids, bottle caps and wine bottle corks also must be removed.

McMullen started the glass recycling effort on her own initiative, purchasing the collection trailer and a glass-crushing machine, which she keeps at home.

"She's just passionate about recycling," Kuehner said.

"It hurt my heart to have to put glass in the trash," said McMullen.

One ton of glass — approximately what so far has been collected at the convenience center — takes up two cubic yards of landfill space and, when heated or melted, generates 7½ pounds of carbon dioxide, according to McMullen and websites.

"The more carbon dioxide that's in the air, it creates a lot of pollution," McMullen said. The less pollution there is, she said, "the less trees have to work" to filter harmful substances from the air.

She gives away the glass she crushes with her machine.

"I really don't want to turn it into a business," she said. "It's just a hobby."

She said that through an American distributor, she was able to buy a machine from a New Zealand manufacturer for about \$7,000.

Anyone interested in following in her footsteps can type in "glass recycling" on Google to find such machines for sale, she said.

When recycling glass, "you have to be careful," McMullen added. "But it's pretty safe and pretty easy."

— Contact Mickey Powell at mpowell@winchesterstar.com

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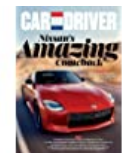
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ROADS ADOPTED-CLARKE COUNTY

Route #	From	To	Permit #	Group Name	Comments
7 Bus	0.5 Miles West Rt. 340	Rt. 7 Bypass	8-5600163		Cancelled 5/22/12
7 Bus (Main Street)	Route 7 West Int.	Hermitage Blvd	8-5600931	St. Bridget of Ireland Council 16938	North & Southbound Cancelled 4/26/2016
7	Route 612	Route 603	8-5600911		East & Westbound Cancelled 4/10/19
7	Route 603	Route 679	8-5600920		Cancelled 4/28/15 RENEWED 11/1/17
255 (Bishop Meade Road)	Rt. 17/50	Route 620	8-5600758	Millwood Community Association	
255 (Bishop Meade Road)	Route 620	Lanham Lane	8-5600934	Earthworks Landscaping Company	
340	NCL Boyce	Rt. 255	8-5600156		Cancelled 5/22/12
340 (Lord Fairfax Highway)	Berryville Town Limits	2 Miles South on Rt. 340	8-5600819	VFW Post 9760 & Auxiliary	
340	Berryville Town Limits	2.0 Miles North of Berryville Town Limits	8-5600886		Cancelled 2/26/20
340	0.8 Miles South of Rt. 50	1 Mile North of Rt. 522	8-5600905		Cancelled 4/5/18
601 (Blue Ridge Mountain Rd)	Rt. 7 North	County & State Line	8-5600772	Dr. A.K. Carbone	
601	Rt. 50 West	2 Miles on Rt. 601	8-5600823		Cancelled 9/10/2014
601 (Blue Ridge Mountain Rd)	1.0 Miles South of Rt. 605	1.18 Miles North of Rt. 605	8-5600827	Employees of Mt. Weather	
601 (Blue Ridge Mountain Rd)	Int. of Rt. 7	1.75 Miles South of Rt. 7	8-5600869	Blue Ridge Mountain Civic Assoc.	
601 (Blue Ridge Mountain Rd)	Int. of Rt. 17/50	2.0 Miles North of Route 17/50	8-5600869	Blue Ridge Mountain Civic Assoc.	
602 (Wildcat Hollow Road)	Rt. 50	2.0 Miles South of Rt. 50	8-5600779	Charles L. Youngs	
606 (Fellner Road)	South Int. of Rt. 649	North Int. of Rt. 649	8-5600795	The Wade Family	
606 (Mt. Carmel Road)	Rt. 649	1.53 Miles South	8-5600940	Cared For By The Shaffer Brothers	
608 (Parshall Road)	Rt. 7	Rt. 621	8-5600171	Keep 608 Clean Committee	
612	Rt. 7	Int. of Rt. 608	8-5600770		Cancelled 3/22/18
617 (Old Chapel Road)	Town of Boyce	Route 255	8-5600927	Mary Martin	
617 (Briggs Road)	Rt. 621 Ellerslie Rd	Rt. 621 Lockes Mill Rd	8-5600949	Northern Shenandoah Valley Audubon Society	
620 (Browtown Road)	Rt. 340	Rt. 255	8-5600887	Browntown Road Families	
621 (Tilthammer Mill Road)	Rt. 723	1.7 Miles North of Rt. 723	8-5600162	Burwell-van Lennep Land Trust	
621 (Tilthammer Mill Road)	Rt. 651	.05 Miles South of Rt. 651	8-5600814	Children of Clay Hill Barn	
621 (Chilly Hollow Road)	Rt. 7	Hunting Ridge Lane	8-5600924	Bittersweet Crest	
621 (Locks Mill Road)	Rt. 617	Rt. 608	8-5600949	Northern Shenandoah Valley Audubon Society	
622(Swift Shoals Road)	2651 Swift Shoals Road	1st red farm gate after Rt. 50 bridge underpass	8-5600825	The Families of Swift Shoals Road	
628	Rt. 340	1 Mile East of Rt. 340	8-5600177		Cancelled 8/5/19
632 (Crums Church Road)	Rt. 656	Rt. 761	8-5600848	Crums United Methodist Church	
635	1.15 Miles South of Rt. 7	0.85 Miles North of Rt. 7	8-5600159		Cancelled 11/28/12
636	Rt. 7 Business	1.1 Miles South of Rt. 7 Business	8-5600163		Cancelled 5/22/12
636 (Westwood Road)	Rt. 7 Business	Rt. 657	8-5600915	Nantucket-Trewern Beagles	
638	Rt. 50	Warren/Clarke Co. line	8-5600855		Cancelled 9/12/12
639	Rt. 632	Rt. 641	8-5600893		Cancelled 5/31/17
640	Int. Rt. 632	WV Line	8-5600852		Cancelled 9/17/12

642 (Christmore Road)	Clarke County Line	644	End of Maintenance	8-5600938	Calvary COB TLUSA Troop VA 777	Cancelled 7/16/21
643	Rt. 7			8-5600900		
649 (Frogtown Road)	Tadpole Lane	Rt. 606 S. Int.		8-5600940	Cared For By The Shaffer Brothers	
651 (Clay Hill Road)	Rt. 255 to Rt. 621	Rt. 621 Fr. Rt. 651 To: 0.5 Miles South of Rt. 651		8-5600814	Children of Clay Hill Barn	
	652	Rt. 633	Rt. 657	8-5600870		Cancelled 5/24/17
	656	Rt. 632	Rt. 659	8-5600798		Cancelled 9/20/12
656 (Longmarsh Road)	Rt. 632	Rt. 659		8-5600928	Harvue Farms	
	658	Rt. 340	1 Mile South of Rt. 340	8-5600177		Cancelled 8/5/19
	660	Rt. 7	Rt. 635	8-5600785		Cancelled 9/4/14
679 (Pine Grove Road)	Rt. 7	Rt. 7		8-5600902	Mark's Equipment Repair	
723 (Millwood Road)	Rt. 50/621 Intersection			8-5600162	Burwell-van Lennep Land Trust	
723 (Millwood Road)	Rt. 621	1.7 Miles North Rt. 723		8-5600162	Burwell-van Lennep Land Trust	
723 (Millwood Road)	Rt. 255	Village of Millwood sign (where Burnwell starts)		8-5600758	Millwood Community Association	Cancelled 4/28/15 RENEWED 11/1/17
	723	Rt. 340	Rt. 255	8-5600800		Cancelled 8/20/20
723 (Millwood Road)	Boyce Corporate Limits	Opaquon Creek		8-5600884	Foxwood Farm	

These roads were presumably
picked up by VDOT in 2022

1. Route 638 Howellsville Rd- 3.43 miles
2. Route 624 Red Gate Rd 4.06 Miles
3. Route 644 Gun Barrel & Ginns Rd- 3.80 miles
4. Route 644 Featherbed Rd- 2 miles
5. Route 658 White Post Rd/Sugar Hill Rd from Carters Line Rd to Warren County Line- 3 miles
6. Route 622 Border Spring Rd from Sugar Hill Rd to Kennel Rd 3.85 miles
7. Route 626 Nelson Rd- 1.60 miles
8. Route 627 Carters Line Rd- 1.90
9. Route 625 Kennel Rd- 1.85 miles
10. Route 625 Thorton Rd .53 miles
11. Route 642 Chrismore Rd- 1.10
12. Route 723 Old Winchester Rd from Boyce Town Limits to Fredrick County Line 2.57 miles
13. Route 723 Millwood Rd from Boyce Town Limits to Route 50- 4 miles
14. Route 651 Clay Hill Rd- 1.50 Miles
15. Route 655 Salem Church Rd and Opequon Rd- 3.3 miles
16. Route 634 Salem Church Rd- .58 miles
17. Route 636 Westwood Rd- 1.50 Miles
18. Route 652 Janeville Rd- 2.40 miles
19. Route 633 Annfield Rd- 2.30 Miles
20. Route 620 Pyletown Rd from Lord Fairfax Hwy to Salem Church Rd- 3.10
21. Route 657 Senseny Rd- 6 miles
22. Route 632 Triple J Rd- 2.35 Miles
23. Route 632 Crums Church from Harry Byrd Hwy to Long Marsh Rd- 2 Miles
24. Route 761 Old Charlestown Rd- 4.14 miles
25. Route 659 Fishpaw Rd- 2.40
26. Route 672 Swimley Rd- 3 miles
27. Route 661 Wadesville Rd- 1.80 miles
28. Route 645 Wrights Mill Rd- 1.80 Miles
29. Route 660 Wrights Mill Rd- .43 Miles
30. Route 635 Pierce Rd- 1.50 Miles
31. Route 612 Shepherds Mill Rd- 4.67 miles
32. Route 608 Wickliffe Rd- 4.09 Miles
33. Route 611 Summit Point Rd- 2.85 miles
34. Route 610 Clifton Rd- 1.30 Miles
35. Route 641 Lewisville Rd- 1.30 Miles
36. Route 639 Allen Rd- 4.14 Miles
37. Route 640 Withers Larue Rd- 2.20 Miles
38. Route 606 River Rd/Feltner Rd/Mount Carmel Rd- 8.11 miles all except the dirt section
39. Route 649 Frogtown Rd- 3.06 miles
40. Route 603 Castleman Rd- 2.57 Miles
41. Route 663 Auburn Rd- 1 mile
42. Route 643 Retreat Rd- 1.30 Miles
43. Route 679 Pine Grove Rd from Good Shepherd to Harry Byrd Hwy- .80 Miles
44. Route 604 Good Shepherd- .30 Miles
45. Route 604 Ebenezer- 1.90 Miles
46. Route 601 Raven Rock Rd- 1.20 Miles
47. Route 602 Wildcat Hollow Rd- 1.49 Miles
48. Route 613 Springsbury Rd- 3.09
49. Route 621 Ellersllie Rd- 2 miles
50. Route 621 Briggs Rd- 1.3 miles
51. Route 621 Lockes Mill Rd- .29 miles
52. Route 621 Chilly Hollow Rd- 2.59 miles

53. Route 667 Old Waterloo Rd- .81 miles
54. Route 668 Old Waterloo Rd- .31 miles
55. Route 669 Highland Corner Rd- .24 miles
56. Double Toll Gate Rd- .25 miles

