



2019 Clean Up Report



The Friends of Claytor Lake, Inc.

January 20, 2020



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History:

FOCL

The Friends of Claytor Lake (FOCL's) mission statement states FOCL is dedicated to preserving and protecting the quality, sustainability, and tranquility of the environment of Claytor Lake for all. FOCL obtained 501(c)(3) status in 1999 initially and permanently in 2005. Clean up is an integral part of our mission.



History & Equipment

In 1992 FOCL began clean up in response to Peak Creek becoming blocked by debris and running red in color. FOCL began with volunteers and open boats hauling out trash and debris.

These dedicated few evolved into a major operation through the dedicated efforts of many volunteers and partners. In 2012 our current effort included a four person crew working

with 2 barges holding roll-off dumpsters, a conveyor sitting atop a third barge, small salvage boat, and a small v-hull fishing boat. The crew worked in the water with chain saws clearing woody debris and trash from the shore. The majority of debris was harvested by an excavator operating on barges. Smaller debris is pushed onto a conveyor which loaded it into roll off containers. Trash, tires, and other objects are raked out, picked up and bagged, and transported to county landfill facilities provided by Pulaski County.

Clean up is funded from many sources including Pulaski County, American Electric Power, and FOCL donations from a variety of sources. Clean up at Claytor Lake serves 2100 lake affected residents along with the estimated 453,743 visitors to the Claytor Lake State Park and public boat landings plus those from private marinas annually. The average dumpster roll-off weighs an estimated minimum of 15 tons with water logged woody debris. In addition, 100 trash bags equals a full roll-off at an estimated 4-5 tons.

Previous Year Totals:

2018: 290.5 Roll-Offs, 229 Bags of Trash, 59 Wheel/Tires, 10 55-Gallon Barrels, 14 Docks, 2 Boats, 1 Camper, 1 Ramp, 1 Playhouse, 1 Gas Grill

2017: 224.75 Roll-Offs, 218 Bags of Trash, 28 Wheel/Tires, 2 55-Gallon Barrels, 3 Docks, 1 Ramp, 4 Trees, 1 Fishing Boat.

2016: 191.75 Roll-Offs, 410 Bags of Trash, 48 Wheel/Tires, 11 55-Gallon Barrels, 14 Docks, 1 Pipe, 1 Picnic Table, 1 Metal Steps.

2015: 232.75 Roll-Offs, 452.5 Bags of Trash, 42 Wheel/Tires, 6 55 Gallon Barrels, 13 Docks, 1 Freezer, 1 Water Heater, 1 Propane Tank, 1 Tractor Tire

2014: 304.5 Roll-Offs, 637 Bags of Trash, 179 Tires/Wheels, 24 55 Gallon Barrels, 35.5 Docks, 1 Freezer, 1 Water Heater, 1 Propane Tank, 1 Waterski Jump, 1 Metal Boat House, 1 Car Gas Tank, and 1 set of steps.



2019 Clean Up Work:

FOCL started the year in discussion with Pulaski County regarding obtaining a newer or second roll-off truck due to numerous mechanical failures on the current one. In April, FOCL began to clean up and ready the burn area at Big Hole Hollow for the season. A significant delay in starting clean up work was attributed to repairs needed and sparse availability of parts for the 1984 push boat. Our goal was to have a backup for all equipment and to be able to run two crews when there are high flows and major debris events. The push boat continued to need major repairs including continuous transmission issues.



The surplus boat FOCL and Pulaski County obtained did have delays in assembly and needed engine work. Ultimately the boat, with 2 jet drives, proved to be too light weight to accommodate its use in pushing the clean up barges. FOCL and Pulaski County looked into other ways the boat could be used for clean up.

A smaller U-shaped flat bottom barge was donated to FOCL from AEP that had been used for dam operations and was being decommissioned. This smaller barge proved to be effective in allowing to the crew to reach back further into the more narrow area of coves where the normal barges and excavator could not reach.

Work continued to be done throughout the season on the equipment by Valley Welding and Conrad Brothers Marina. One of the main barges continuously takes on water during operation and requires daily pumping to avoid sinking. Most of the major barge repairs will be addressed during the off season of 2019 and early 2020.

FOCL again was able to successfully conduct clean up operations above Lowman's Ferry Bridge to Allisonia.

Continuous regraded of stone was needed to the road into Big Hole Hollow as it becomes impassable with excessive rains each year. The burning of the debris field at Big Hole Hollow is scheduled for the first part of January 2020.

Monitoring and Inspection:

Continued joint efforts monitoring and monthly inspection of the lake by FOCL and AEP. These inspections continued every month with a team from FOCL and AEP with occasional inclusion of Pulaski County. The lake was visually inspected from the water from Allisonia to the Dam to determine priority cleaning areas and progress. This year, as last, donations were sought and received from businesses to support FOCL's 2019 clean up operation. Gatorade donated all the Gatorade for our crew, Walmart donated

numerous gift cards and a grant, Virginia Eagle donated bottled water, Conrad Brothers Marine donated repair, launch, and storage facilities, Valley Welding donated discount repair and fabrication services. Jackson Beamer, FOCL's Vice President, donated the use of his dock to allow the crew to park the FOCL boat and avoid any theft of gear and items.

2019 Clean Up Operations:

2019 showed to be good collection year as the lake benefited from our efforts with less debris. FOCL did experience some issues with crew turnover having some obtain other jobs. FOCL feels that, moving forward, pay increases are needed to hire quality crew and keep retention at a higher level.

Roll Off Loads of Woody Debris	248.5
Bags of Trash	249
Tires/Wheels	55
55 Gallon Barrels	18
Docks	9
Tractor Tire	1
Freezer	1



2019 All Lake Clean Up Day:

All Lake Clean Up Day was coupled with our Annual Meeting to boost participation in the event. Prizes were rewarded for the more unusual finds. FOCL, along with volunteers, collected close to 80 bags of trash, various dock floating containers, styrofoam pieces, chairs, and a chicken coup. FOCL has set a tentative date of June 27th, 2020 for this year's all lake clean up day.



Our newest board member Todd Brewster, along with co-workers from Kollmorgen, conducted another successful clean up day. We hope this will start to open the doors to more businesses in the New River Valley participating in these events.

2020 Christmas for the Fishes:

Over 30 volunteers converged on the Claytor Lake State Park to help the Virginia Department of Game and Inland Fisheries' John Copeland in the annual Christmas For the Fishes Program. Support from The Friends of Claytor Lake, Virginia Department of Conservation and Recreation, and Appalachian Power helped build new fish habitat from an amazing 455 donated Christmas Trees. All the created habitat was distributed in areas of the lake surround the Claytor Lake State Park.



2020 Estimates:

Because of the current escalation in high flow events in recent years and the debris that has followed, FOCL is currently putting a plan together to ramp up Clean Up efforts on Claytor Lake up to two separate clean up crews. This would require more equipment to accomplish and would also benefit the program by being above and below Lowman's Ferry Bridge at the same time. With the aging main push boat consistently being in a state of repair for much of 2019, FOCL is continuing plans for a replacement main push boat for the main barges and excavator.

With generous donations from Appalachian Power and Pulaski County, The Friends of Claytor Lake have more smaller scale equipment which will help us reach smaller more narrow areas around the lake for debris clean up. It will also allow less down time for our crew during the unloading process of roll-off containers.

FOCL will, again, try to maintain a crew to 5-6 men and aggressively try to add at least 2 more members to the team which could operate independently of each other to cover more area and increase quick debris removal. FOCL feels that increased wages for our crew will lead to less turnover and more incentives for retention of current crew members and additional personnel. FOCL is also training a second crew member for their CDL in order to be more efficient with operations.

We appreciate all the support from AEP and Pulaski County with these endeavors in the past and look forward to continuing to work for the good of Claytor in the coming year.

A		B	C			D	E	F	G	H	I
Date	Location Number	Location Description	Roll off Loads	Tires / Tires	Trash Bags	Barrels	Docks	Miscellaneous			
4	21-May	1 Dehaven Park Inlet/Ramp	3								
5	22-May	1 Dehaven Park Inlet/Ramp	3		12	1					
6	23-May	1 Dehaven Park Inlet/Ramp	3	1	6						
7	24-May	1 Dehaven Park Inlet/Ramp	4			1					
8	28-May	2 Peak Creek	2		2		1				
9	29-May	1 Dehaven Park Inlet/Ramp	5		9	4	1				
10	30-May	1 Dehaven Park Inlet/Ramp	4		3						
11	30-May	3 Claytor Lake Estates			3						
12	3-Jun	3 Claytor Lake Estates	4		8						
13	4-Jun	3 Claytor Lake Estates	2		9	2					
14	5-Jun	3 Claytor Lake Estates	5	2	9						
15	6-Jun	3 Claytor Lake Estates	1		2						
16	7-Jun	3 Claytor Lake Estates	5								
17	10-Jun	3 Claytor Lake Estates	1								
18	11-Jun	3 Claytor Lake Estates	2		3						
19	12-Jun	3 Claytor Lake Estates	2	2	5						
20	13-Jun	3 Claytor Lake Estates	6		12						
21	18-Jun	5 Claytor Lake Estates	5	3							
22	19-Jun	3 Claytor Lake Estates	1.5								
23	19-Jun	2 Peak Creek	4.5		8	1	1				
24	20-Jun	4 Shoreline: Cliffs to Felts Hollow	2								
25	24-Jun	4 Shoreline: Cliffs to Felts Hollow	2								
26	25-Jun	5 Shoreline: Nunn Hollow to McCarthy Rd. Cove	2		2						
27	26-Jun	5 Shoreline: Nunn Hollow to McCarthy Rd. Cove	3								
28	27-Jun	5 Shoreline: Nunn Hollow to McCarthy Rd. Cove	1	2		1					
29	28-Jan	6 Cook Hollow	2.5		2						
30	1-Jul	5 Shoreline: Nunn Hollow to McCarthy Rd. Cove	3								
31	2-Jul	5 Shoreline: Nunn Hollow to McCarthy Rd. Cove	3	1							
32	3-Jul	5 Shoreline: Nunn Hollow to McCarthy Rd. Cove		2		1					
33	4-Jul	5 Shoreline: Nunn Hollow to McCarthy Rd. Cove	5								
34	8-Jul	5 Shoreline: Nunn Hollow to McCarthy Rd. Cove	1	3							
35	9-Jul	5 Shoreline: Nunn Hollow to McCarthy Rd. Cove	3								
36	10-Jul	5 Shoreline: Nunn Hollow to McCarthy Rd. Cove	4	2	6						
37	11-Jul	7 McCarthy Rd. Cove to Clapboard Hollow	3								
38	12-Jul	7 McCarthy Rd. Cove to Clapboard Hollow	2.5								
39	15-Jul	8 Lakeview	2	1	2						

A		B	C		D	E	F	G	H	I
Date	Location Number	Location Description	Roll off Loads	Tires / Tires	Trash Bags	Barrels	Docks	Miscellaneous		
41	8	Lakeview	3							
42	8	Lakeview	3	3	3					
43	8	Lakeview	3	1	2					
44	8	Lakeview	1.5							
45	9	Cliffview	3	1	4					
46	4	Shoreline: Cliffs to Felts Hollow	2							
47	8	Lakeview		4	5					
48	8	Lakeview	4							
49	8	Lakeview	2	2	8					
50	8	Lakeview	3							
51	8	Lakeview	1.5		3					
52	10	Cabin Land			5					
53	10	Cabin Land	2		7					
54	10	Cabin Land	5		6	2				
55	11	Shadowland	5		3					
56	11	Shadowland	4							
57	1	Dehaven Park Inlet/Ramp	1	3						
58	12	Clapboard Hollow	2							
59	11	Shadowland	1							
60	10	Cabin Land	1		6					
61	10	Cabin Land	1							
62	11	Shadowland	1							
63	11	Shadowland	1	1	6	1				
64	3	Claytor Lake Estates	3	1						
65	13	Crawfish Hollow	3		2					
66	13	Crawfish Hollow	1		2					
67	14	Smith Hollow	3		3					
68	14	Smith Hollow	4.5		5					
69	14	Smith Hollow			4					
70	14	Smith Hollow	2							
71	15	Felts Hollow	2.5							
72	15	Felts Hollow	2		3					
73	15	Felts Hollow	1	5	5					
74	16	Woods on the Lake	3							
75	1	Dehaven Park Inlet/Ramp	2							
76	17	Buzzard Roost Hollow	3							

	A	B	C	D	E	F	G	H	I
	Date	Location Number	Location Description	Roll off Loads	Tires / Tires	Trash Bags	Barrels	Docks	Miscellaneous
77	17-Sep	16	Woods on the Lake	1.5		3			
78	17-Sep	4	Shoreline: Cliffs to Felts Hollow	2				1	
79	18-Sep	18	Ridpath Hollow					1	
80	18-Sep	19	Shoreline: Ridpath Hollow to APCO Cove	5	3				
81	19-Sep	19	Shoreline: Ridpath Hollow to APCO Cove	3	2	6			
82	23-Sep	19	Shoreline: Ridpath Hollow to APCO Cove	3		4			
83	23-Sep	16	Woods on the Lake	4					
84	24-Sep	16	Woods on the Lake	5	2	5		1	
85	1-Oct	20	Shoreline: Little Wytcheville area	2					
86	2-Oct	20	Shoreline: Little Wytcheville area	4	1				
87	3-Oct	20	Shoreline: Little Wytcheville area	2		1			1 tractor tire
88	6-Oct	21	Shoreline: Shoreline above Shopese at Bridge	3					
89	7-Oct	21	Shoreline: Shoreline above Shopese at bridge		1	8		2	
90	8-Oct	21	Shoreline: Shoreline above Shopese at bridge	3		2			
91	9-Oct	22	South Cove just above L.F. bridge	1	2	5	2		1 Freezer
92	10-Oct	22	South Cove just above L.F. bridge	3		2			
93	11-Oct	22	South Cove just above L.F. bridge	3					
94	14-Oct	22	South Cove just above L.F. bridge	1	1	8			
95	15-Oct	22	South Cove just above L.F. bridge	2					
96	15-Oct	23	Paradise Point	0.75					
97	21-Oct	7	McCarthy Rd. Cove to Clapboard Hollow	2					
98	22-Oct	7	McCarthy Rd. Cove to Clapboard Hollow	1					
99	21-Oct	7	McCarthy Rd. Cove to Clapboard Hollow	2	1	4			
100	24-Oct	7	McCarthy Rd. Cove to Clapboard Hollow	2					
101	24-Oct	24	Shoreline Across Lake from Cabin Land	2	2	6			
102	28-Oct	25	Dublin Hollow	3.75					
103	29-Oct	24	Shoreline Across Lake from Cabin Land	2.5					
104	30-Oct	24	Shoreline Across Lake from Cabin Land	3		10	2	1	
105									
106									
107			TOTALS	248.5	55	249	18	9	1 tractor tire; 1 freezer

2019 High Flow Event

February 2019

