

2021 Clean Up Report

THE FRIENDS OF
CLAYTOR LAKE

JANUARY 2022



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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. 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's History:

2020: 350 Roll- Offs, 64 Bags of Trash, 30 Tires/Wheels, 6 55 Gallon Barrels, 4 Docks

2019: 248.5 Roll-Offs, 249 Bags of Trash, 55 Wheel/Tires, 18 55-Gallon Barrels, 9 Docks, 1 Tractor Tire, 1 Freezer

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

2022 Estimates



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.

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.

This year, FOCL implemented an end of year performance review for the crew. More accountability and access to comments from crew members help foster a team environment for years to come. FOCL hopes to train a second crew member for their CDL in order to be more efficient with operations. We hope to retain member(s) of the FOCL crew who plan to 'retire' and expressed interest in utilizing their services on a voluntary basis to help train new members. This will help with assistance in training a second crew.

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.

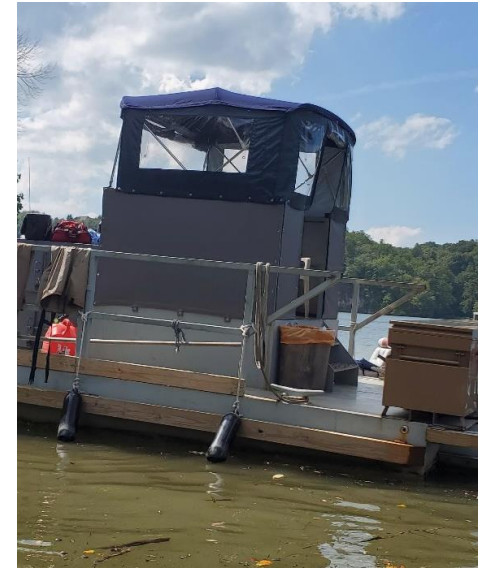
2021 Clean Up Work

New FOCL Equipment

This year FOCL upgraded our equipment with a new 25 ft. long by 10 ft. wide by 3ft deep push boat which was modified for our use and equipped with twin 150 hp engines, storage boxes and a canvas removable pilot house enclosure. A custom heavy duty 8 ft wide by 36 ft. long trailer was designed and fabricated to transport, launch and store the new push boat.

FOCL's old failing excavator was replaced with a new upgraded Volvo excavator which greatly improved our debris removal operation. Our 20 ft by 52 ft by 5 ft deep excavator barge was repaired and a new guard rail system was fabricated and installed to improve safety. Pulaski County helped FOCL obtain this equipment and Volvo gave us a huge discount on the excavator purchase.

In addition, the side railings were replaced on our excavator barge, a much-needed safety upgrade.





Before.. And after!





Due to both engines failing and a failing transmission, FOCL's 1984 surplus Navy push boat, the Miss Pulaski County was not usable during 2021. Finding replacement engines of the same type and size to fit in the boat's engine compartment and parts to overhaul the outdated diesel engines has been difficult. However, a local firm has located enough engine parts to rebuild both engines during this coming Winter. The leaking transmission will also be rebuilt. Total budgeted cost is \$28,000. We plan to have the large push boat completed by April 2022.

Rebuild of these engines enables us to have two crews running during the summer, thus increasing efficiency especially in times of floods like we have had during the past few years.



| | |
|-------------------------------------|---|
| DEBRIS UPDATE JUNE | ROLL OFF LOADS <i>Each is 15 tons!</i> 72.5 BARRELS 0 |
| BAGS OF TRASH 20 | |
| WHEELS/TIRES 13 | |
| | MISC. 2 THANKS FOR YOUR PATIENCE AND SUPPORT! FOCL |

2021 Operation & Results

The crew worked hard to provide the results of 335 total (includes a last minute dead tree added to the pile from the site, before the seasonal burn) roll off loads!

This past season had a lower number of high flow events, which led to the crew being able to hit spots they couldn't last year.

There were many new opportunities to help others clean up areas of high traffic. Izaak Walton League Campground was able to utilize the roll off dumpster to conduct their own clean up day with members. Clapboard Hollow has a history of compacted small debris past the docks, which is troublesome and adds to the larger debris that is around the community dock. Hidden Valley Campground also utilized FOCL's clean up crew assistance for their community dock clean up day as well.

We experienced only one emergency lake level drop to 5 feet below full pond which interrupted our debris removal operations, so we have been able to clean most all areas of the lake including areas above Lowman's Ferry Bridge up to the Allisonia area. Thanks to AEP's and Pulaski County's financial support, FOCL's new push boat and Volvo excavator have resulted in great progress removing debris with few delays.

Our crew moved our barges and conveyor to a protected area and removed our boats before lake drawdown for winterization and storage.



ROLL OFF TOTAL
Each is 15 tons!

330

= 4,950 TONS
= 9,900,000 POUNDS!!

BAGS OF TRASH

240

WHEELS/TIRES

48



DOCKS

11

MISC.

**HAY BALE, RAMP, PROPANE TANK,
WATER HEATER, BARRELS**



2021 FOCL Claytor Lake Debris Removal

| | B | C | D | E | F | G | H | I | J |
|----|--------|-----------------|---|----------------|----------------|---------------|---------|-------|------------------|
| 4 | Date | Location Number | Location Description | Roll off Loads | Tires / Wheels | Bags of Trash | Barrels | Docks | Miscellaneous |
| 5 | 4-May | 1 | Upper Peak Creek - upstream of power line | 1 | | | | | |
| 6 | 6-May | 2 | DeHaven Park Inlet/Ramps | 2 | | | | | |
| 7 | 7-May | 1 | Upper Peak Creek - upstream of power line | 3 | 5 | | | | |
| 8 | 10-May | 1 | Upper Peak Creek - upstream of power line | 3 | 3 | 19 | | | |
| 9 | 11-May | 1 | Upper Peak Creek - upstream of power line | | 2 | 10 | | | |
| 10 | 12-May | 1 | Upper Peak Creek - upstream of power line | 3 | | | | | |
| 11 | 13-May | 1 | Upper Peak Creek - upstream of power line | 3.5 | | | | | |
| 12 | 17-May | 3 | Lower Peak Creek - power line downstream to mouth | 1 | | 2 | | | |
| 13 | 18-May | 3 | Lower Peak Creek - power line downstream to mouth | 3 | | 7 | | | |
| 14 | 19-May | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | 2 | 1 | 16 | 3 | | |
| 15 | 20-May | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | 2 | 2 | 2 | | | |
| 16 | 24-May | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | 3.5 | | | | | |
| 17 | 25-May | 5 | Coves left of dam and AEP cabin | 3 | 1 | 2 | | | 1 round hay bale |
| 18 | 26-May | 5 | Coves left of dam and AEP cabin | 3.5 | | | | | |
| 19 | 26-May | 6 | Stevens Hollow Area | 2 | 1 | 4 | | | |
| 20 | 27-May | 6 | Stevens Hollow Area | 2.5 | 1 | 2 | | | |
| 21 | 28-May | 7 | Clement Lane - Behind Island | 4 | | | | | |
| 22 | 1-Jun | 7 | Clement Lane - Behind Island | 3 | | | | | |
| 23 | 2-Jun | 7 | Clement Lane - Behind Island | 2 | | | | | |
| 24 | 3-Jun | 8 | Dublin Hollow | 1 | | | | 3 | |
| 25 | 3-Jun | 9 | Stevens Hollow to Ridpath Hollow | 4 | 1 | | | | |
| 26 | 4-Jun | 9 | Stevens Hollow to Ridpath Hollow | 4 | | | | | |
| 27 | 7-Jun | 10 | Ridpath Hollow | | | | | 3 | |
| 28 | 8-Jun | 10 | Ridpath Hollow | 5 | | | | | |
| 29 | 8-Jun | 11 | Shoreline: Ridpath Hollow to Cook Hollow | 1 | 1 | 3 | | | |
| 30 | 9-Jun | 12 | Cook Hollow | 4 | 2 | | | | |
| 31 | 10-Jun | 12 | Cook Hollow | 4 | | | | | |
| 32 | 14-Jun | 7 | Clement Lane - Behind Island | 4.5 | | | | | |
| 33 | 14-Jun | 13 | State Park Shoreline: Coves at Cabins | 1 | 1 | 3 | | | |
| 34 | 16-Jun | 13 | State Park Shoreline: Coves at Cabins | 2 | | | | | |
| 35 | 16-Jun | 14 | Shoreline: Woods on the Lake | 2 | 1 | | | | |
| 36 | 17-Jan | 15 | Shoreline: Above State Park Cabins to Hidden Valley | 4 | 1 | 2 | | | |
| 37 | 18-Jun | 16 | Shoreline: Spooky Hollow to Big Hole Hollow | 4.5 | | | | | |
| 38 | 21-Jun | 17 | Shoreline: Big Hole Hollow to Buzzard Roost Hollow | 5.5 | 1 | 1 | | | |
| 39 | 22-Jun | 17 | Shoreline: Big Hole Hollow to Buzzard Roost Hollow | 4 | | | | | |
| 40 | 23-Jun | 17 | Shoreline: Big Hole Hollow to Buzzard Roost Hollow | 6.5 | | 3 | | | |
| 41 | 24-Jun | 17 | Shoreline: Big Hole Hollow to Buzzard Roost Hollow | 2 | 1 | | | | |
| 42 | 28-Jun | 18 | Clapboard Hollow | 2 | | | | | |
| 43 | 28-Jun | 19 | Swiss Knob/Hidden Valley | | 2 | 4 | | | |
| 44 | 29-Jun | 19 | Swiss Knob/Hidden Valley | 6 | 1 | 4 | | | |
| 45 | 30-Jun | 19 | Swiss Knob/Hidden Valley | 0.5 | 1 | | | | |
| 46 | 1-Jul | 19 | Swiss Knob/Hidden Valley | 4 | | | | | |
| 47 | 5-Jul | 19 | Swiss Knob/Hidden Valley | 4 | | | | | |
| 48 | 6-Jul | 19 | Swiss Knob/Hidden Valley | 4 | 1 | 2 | | | |
| 49 | 7-Jul | 18 | Clapboard Hollow | 1 | | | | | |
| 50 | 7-Jul | 19 | Swiss Knob/Hidden Valley | 1 | | | | | |
| 51 | 8-Jul | 20 | Lakeview | 2 | | | | | |
| 52 | 9-Jul | 20 | Lakeview | 2 | | | | | |
| 53 | 12-Jul | 20 | Lakeview | 3 | | | | | |
| 54 | 13-Jul | 21 | Crawfish Hollow | 6 | | 3 | | | |
| 55 | 13-Jul | 2 | DeHaven Park Inlet/Ramps | 3 | | | | | |
| 56 | 14-Jul | 2 | DeHaven Park Inlet/Ramps | 3 | | | | | |
| 57 | 15-Jul | 22 | Claytor Lake Estates | 3 | | 1 | | | |
| 58 | 19-Jul | 22 | Claytor Lake Estates | 2 | | 4 | | | |
| 59 | 20-Jul | 22 | Claytor Lake Estates | 5 | | 2 | | | |
| 60 | 21-Jul | 10 | Ridpath Hollow | 3 | | 4 | | 2 | 1 Ramp |
| 61 | 22-Jul | 10 | Ridpath Hollow | 1.5 | | | | | |
| 62 | 22-Jul | 23 | Twin Hollow | 2 | | | | | |

| | B | C | D | E | F | G | H | I |
|-----|--------|-----------------|---|----------------|----------------|---------------|---------|-------|
| 4 | Date | Location Number | Location Description | Roll off Loads | Tires / Wheels | Bags of Trash | Barrels | Docks |
| 63 | 26-Jul | 23 | Twin Hollow | 4 | | 2 | | |
| 64 | 27-Jul | 23 | Twin Hollow | 4 | 1 | 2 | | |
| 65 | 28-Jul | 23 | Twin Hollow | 2 | | 4 | | |
| 66 | 29-Jul | 23 | Twin Hollow | 5 | | 3 | | |
| 67 | 2-Aug | 23 | Twin Hollow | 3 | | | | |
| 68 | 2-Aug | 24 | Claytor Lake Cabin Land | 2 | 1 | 1 | | |
| 69 | 3-Aug | 24 | Claytor Lake Cabin Land | 2 | | 2 | | |
| 70 | 3-Aug | 25 | Shadow Land | 1 | | 2 | | |
| 71 | 4-Aug | 25 | Shadow Land | 2 | | 1 | | |
| 72 | 4-Aug | 26 | Shoreline Across from Clapboard Hollow | | 1 | 1 | | 1 |
| 73 | 5-Aug | 18 | Clapboard Hollow | 3 | | 2 | | |
| 74 | 9-Aug | 18 | Clapboard Hollow | 6 | 1 | 4 | | |
| 75 | 10-Aug | 18 | Clapboard Hollow | 4 | | 2 | | |
| 76 | 10-Aug | 2 | DeHaven Park Inlet/Ramps | 1 | | | | |
| 77 | 11-Aug | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | | 1 | 13 | | 1 |
| 78 | 12-Aug | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | 6 | 3 | 9 | | |
| 79 | 14-Aug | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | 4 | | | | |
| 80 | 16-Aug | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | 3 | | 6 | | |
| 81 | 17-Aug | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | 1 | | | | |
| 82 | 24-Aug | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | 1 | | | | |
| 83 | 25-Aug | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | 3 | | 1 | | |
| 84 | 26-Aug | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | 2 | | | | |
| 85 | 29-Aug | 18 | Clapboard Hollow | 1 | | | | |
| 86 | 7-Sep | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | 1 | 1 | | | |
| 87 | 8-Sep | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | 4 | 1 | 2 | | |
| 88 | 9-Sep | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | 4 | | | | |
| 89 | 13-Sep | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | 3 | | | | |
| 90 | 14-Sep | 4 | Shoreline: Nunn Hollow to Clapbord Hollow | 4 | | | | |
| 91 | 15-Sep | 10 | Ridpath Hollow | 3 | | | | |
| 92 | 15-Sep | 19 | Shoreline: Between Hidden Valley and Smith Hollow | 4 | | | | |
| 93 | 16-Sep | 20 | Smith Hollow | 4.5 | | 2 | | |
| 94 | 20-Sep | 21 | Cove above east end of Lomans Ferry Bridge | | 2 | 4 | | |
| 95 | 21-Sep | 21 | Cove above east end of Lomans Ferry Bridge | 3 | | | | |
| 96 | 22-Sep | 22 | Main Channel at Clark Road Abutment | 2 | | | | |
| 97 | 23-Sep | 23 | Clark Road Abutment to Allisonia | 2 | | | | |
| 98 | 27-Sep | 23 | Clark Road Abutment to Allisonia | 1 | | | | |
| 99 | 28-Sep | 23 | Clark Road Abutment to Allisonia | 3 | | | | |
| 100 | 29-Sep | 24 | W shoreline: Shopeze to Max Creek Hollow | 1 | | | | |
| 101 | 30-Sep | 21 | Cove above east end of Lomans Ferry Bridge | 3 | | | | |
| 102 | 4-Oct | 24 | W shoreline: Shopeze to Max Creek Hollow | 3 | | | | |
| 103 | 5-Oct | 25 | Little Wytheville Area | 4 | | | | |
| 104 | 6-Oct | 15 | Shoreline: Above State Park Cabins to Hidden Vlle | 2 | | | | |
| 105 | 7-Oct | 15 | Shoreline: Above State Park Cabins to Hidden Vlle | 4 | | 6 | | |
| 106 | 11-Oct | 15 | Shoreline: Above State Park Cabins to Hidden Vlle | 7.5 | | 6 | | |
| 107 | 12-Oct | 15 | Shoreline: Above State Park Cabins to Hidden Vlle | 5 | | 7 | | |
| 108 | 13-Oct | 15 | Shoreline: Above State Park Cabins to Hidden Vlle | 5 | 2 | 12 | | |
| 109 | 14-Oct | 19 | Shoreline: Hidden Valley and Smith Hollow | 1 | | | | |
| 110 | 18-Oct | 27 | Shoreline: Peak Creek to Power Line | 2 | 1 | 14 | | |
| 111 | 19-Oct | 28 | Shoreline: Felts Hollow to Cliffs | 2 | 2 | | | |
| 112 | 19-Oct | 8 | Dublin Hollow | 1 | | | | |
| 113 | 20-Oct | 28 | Shoreline: Felts Hollow to Cliffs | 4 | | | | |
| 114 | 21-Oct | 28 | Shoreline: Felts Hollow to Cliffs | 3 | | 4 | | |
| 115 | 25-Oct | 28 | Shoreline: Felts Hollow to Cliffs | 4 | | 3 | | |
| 116 | 26-Oct | 27 | Shoreline: Peak Creek to Power Line | 4 | | 4 | | 1 |
| 117 | 27-Oct | 27 | Shoreline: Peak Creek to Power Line | 4 | 1 | 7 | | |
| 118 | 28-Oct | 27 | Shoreline: Peak Creek to Power Line | 4.5 | | 7 | | |
| 119 | 1-Nov | 27 | Shoreline: Peak Creek to Power Line | 3.5 | | 7 | | |
| 120 | | | | | | | | |

| | B | C | D | E | F | G | H | I | J |
|-----|------|-----------------|----------------------|----------------|----------------|---------------|---------|-------|---|
| 4 | Date | Location Number | Location Description | Roll off Loads | Tires / Wheels | Bags of Trash | Barrels | Docks | Miscellaneous |
| 121 | | | Totals | 330 | 48 | 240 | 3 | 11 | 1 Round bale hay; 1 ramp; 1 Propane tank; 1 Water heater; |

Debris Totals



Debris Pile 2021

The debris pile was compiled and burned safely at the end of the season. FOCL notifies all local Fire/Emergency services of the permitted controlled burn each year. The crew was able to keep the burn time to one week this season.



Under normal circumstances, FOCL usually hosts a day long event for lake clean up. This year, we decided to do a month long campaign to continue the efforts in a competitive way! All Lake Clean Up focuses on pulling trash from the lake, while our crew continues to pull woody debris out. We had several participants send in their trash pick up photos and accept participant t-shirts and goodies provided by our wonderful partners such as Mountain 2 Island and Conrad Brothers Marina!

We appreciate the efforts and hope to continue the campaign each year. Need trash bags? We can help supply! Keep those pics coming to info@focl.org all year and especially in July to help keep Claytor clean.



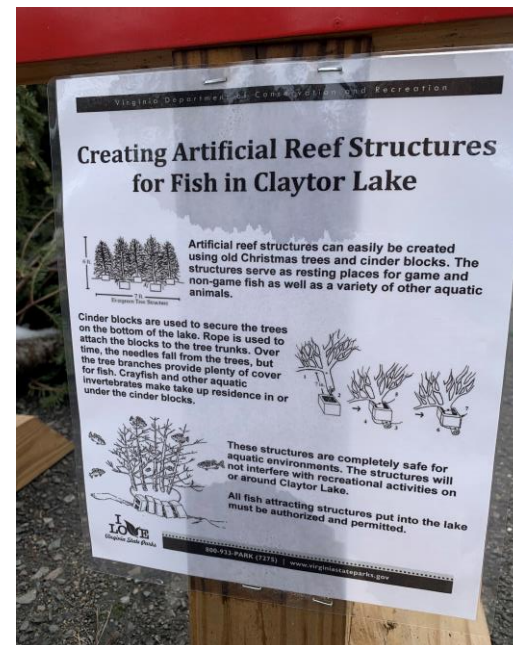


2021-22 Christmas for the Fishes

Each year, FOCL helps spread the word about the habitat project managed by DWR and the State Park.

Trees could be dropped off at the state park during the months of Dec- Jan. 25.

Volunteers came together to help sink the structures that create natural fish habitat around various selected spots.



Special Thanks to John Copeland for organizing this yearly event and Brody Havens for all the tree collection and preparation work involved. There were over 20 volunteers and 270 trees donated. Thanks to the boat Captains for keeping your passengers safe.

Drawdown & Flow Events



AEP proposed and approved a nonemergency drawdown during the week of Nov. 6th. Lake residents submitted shoreline maintenance and dock repair permits for stabilization projects during the week of drawdown.

FOCL planned and executed a mussel salvage event during drawdown, saving over 6,000 mussels from dying on the shoreline banks. FOCL created an online reporting form for residents to submit personal uses of drawdown, along with mussel salvage numbers.

