



Appalachian Power
Hydro Generation
P O Box 2021
Roanoke, VA 24022-2121
aep.com

Debbie-Anne A. Reese, Acting Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

April 1, 2024

Dear Secretary Reese:

RE: Smith Mountain Project No. 2210
Article 411- Debris Management
2023 Annual Report

On behalf of Appalachian Power Company (Appalachian), please find enclosed the 2023 Debris Management Annual Report pursuant to the approved Debris Management Plan, under Article 411, Debris Management, of the *Order Issuing New License* issued by the Federal Energy Regulatory Commission (Commission) on December 15, 2009, as modified by *Order on Rehearing and Clarification* dated September 16, 2010, and by *Order Amending Debris Management Plan* issued September 11, 2012, which amends the filing date to March 31. Since March 31, 2024 falls on a Sunday, this filing is being made on Monday, April 1, 2024.

According to the Debris Management Plan, the annual report is to contain the following: a) summary of the amount of debris removed for each lake including details of the methods used; b) summary of debris removal efforts that take place outside of the license or by other parties; c) summary of Volunteer Lake Cleanup Efforts; d) summary of education efforts; e) discussion of off-load sites utilized to remove debris, an update on status of securing additional sites and alternative methods that are identified; f) summary of evaluation of sites for possible debris diversion and collection devices; g) details of any plans that require Commission approval including costs and implementation schedule; h) proposed modifications to the plan; and i) consultation documentation. Additionally, by letter dated June 22, 2011, the Commission's Department of Hydropower Administration and Compliance requested that two new informational columns to be added. The columns will indicate whether reported debris in question is within Appalachian's license requirements and resolution of the item in question.

Appalachian forwarded copies of the draft annual report to members of the Debris Technical Review Committee (TRC) via email attachment on March 1, 2024, for 30-day review and comment. The Debris TRC includes representatives from the Leesville Lake Association (LLA) Debris Committee, the Smith Mountain Lake Association (SMLA), the Tri-County Lakes Administrative Commission (TLAC)¹, and the Virginia Department of Wildlife Resources (VDWR). Email responses with letter attachments were received from LLA and TLAC on March 27 and 28, 2023, respectively. No other comments on the draft

¹ TLAC includes representatives from four counties adjacent to the Smith Mountain Project, the Leesville Lake Association, and the Smith Mountain Lake Association. Appalachian Power Company is a non-voting member who attends the bimonthly meetings.

BOUNDLESS ENERGY™

report were received. Documentation of consultation is included in Appendix C of the 2023 Annual Report.

Both LLA and TLAC acknowledged the efforts of Appalachian's debris removal crews during 2023. Additional comments included 1) Appalachian is not complying with the requirements of the Annual Report or its license; 2) a requested explanation of how debris removal efforts are escalated following high flow events; 3) a question regarding multiple sites only referring to two; 4) an update on the Myers Creek and Pigg River Diversion Device developments; 5) discrepancies in Appendix A debris report and concern regarding the length of time required to remove the debris. Lastly the LLA provides information showing that Leesville Lake's debris loading is greater than Smith Mountain's and information directed to the Commission.

Appalachian respectfully disagrees that it is not complying with the requirements of the Annual Report and its license. LLA contends that the Annual Report consistently fails to reference a critical section contained in the Summary and Introduction of Article 411 which states:

The purpose of this Debris Management Plan is to identify debris removal and control measures within the project boundaries for the Smith Mountain and Leesville developments that maintain the aesthetic values, reduce access difficulties, and reduce boating hazards associated with floating debris while also benefiting the fishery and biological habitats for both lakes. This plan includes removal methods, identification of natural debris that should remain within the project boundaries, proposals for public education relative to debris, and possible avenues for stakeholder sharing of debris management for the Smith Mountain Project.

The Commission approved the Debris Management Plan by Order Issuing New License on December 15, 2009, thereby agreeing with the purpose of the DMP. Nowhere in Section 5.0, Report, of the DMP is there a requirement to reassess the purpose of the DMP. The DMP clearly identifies measures to address floating debris and the Annual Report fully addresses all reporting requirements. Appalachian fully and annually provides the information outlined in Section 5.0, Report.

The LLA requests an explanation of how efforts are "escalated" following high flow events between April through October. This explanation has been provided to LLA on several occasions in previous meetings. Following a high flow event, Appalachian's staff conducts surveys of the tributaries which have exceeded their triggers, holds a conference call to discuss the loading (which tributaries, concentrations of debris on tributaries, availability of resources including staffing, contractors, and equipment) to determine how to remove the debris most efficiently and to alert the public, if appropriate and how (signage, social media, etc.). Proposed removal plans are provided to the TRC for review and comment. Comments are requested within seven (7) days to adjust work locations, as needed and appropriate.

LLA notes that Appalachian used the term "multiple" to reference two sites that are used for debris take out in Section 6.0. Section 6.0 and the map in Appendix B have been updated to include the third site, Myers Creek.

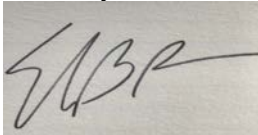
Regarding the development of Myers Creek and the Pigg River Debris Collection/Diversion site, it is Appalachian's intention to update the TRC on additional land purchased to be used in lieu of Myers Creek as well as the Pigg River Debris Collection/Diversion site at its upcoming TRC meeting. An update will be provided to the Commission in the filing of the 2024 Annual Report by March 31, 2025.

Regarding Appendix A, Appalachian has updated the license requirement column following the December 2023 high flow event to reflect a delayed start date of January 5, 2024 due to cold weather. Additionally, the same column was updated to report that the log reported in August of 2024 near R31 was sought by Appalachian's contractor and not located. Appalachian will gladly meet with TLAC and LLA to discuss the details if needed and as always, Appalachian encourages mariners or property owners to tie up logs that might be considered navigational hazards and to report the tied location to Appalachian. Appalachian will retrieve the log(s) and gladly leave the rope for future use.

Appalachian thanks the Debris TRC for its review of the draft 2023 Annual Report and TLAC and LLA for their comments on that draft. Appalachian believes that the enclosed report fulfills its reporting requirements under Section 5.0 of the Debris Management Plan.

If there are any questions, please contact the undersigned at (540) 985-2441.

Sincerely,

A rectangular area containing a handwritten signature in black ink. The signature appears to be 'E. Parcell' written in a cursive style.

Elizabeth B. Parcell
Process Supervisor

Enclosure

Cc: Steve Dolan – AEP
Dwain Bever – AEP
Ed Brennan - AEP
David Agee – Appalachian
Mark McGlothlin – Appalachian
Dan Wilson - VDWR
Bill Butterfield – SMLA
Kristina Sage – TLAC
Pam McMillan – LLA

APPALACHIAN POWER COMPANY
SMITH MOUNTAIN PUMPED STORAGE PROJECT, NO. 2210
ARTICLE 411 - DEBRIS MANAGEMENT
ANNUAL REPORT
JANUARY 1, 2023 - DECEMBER 31, 2023

Appalachian Power Company
Hydro Generation
P.O. Box 2021
Roanoke, Virginia 24022-2121

TABLE OF CONTENTS

1.0	Introduction	P. 1
2.0	Summary of the amount of debris removed	P. 1
3.0	Summary of debris removal efforts that take place outside of the license or by other parties	P. 4
4.0	Summary of Volunteer Lake Cleanup Efforts	P. 4
5.0	Summary of Education Efforts	P. 5
6.0	Discussion of the off-load sites utilized to remove debris, an update on status of securing additional sites and alternative methods that are identified	P. 5
7.0	Summary of evaluation of sites for possible debris diversion and collection devices	P. 6
8.0	Details of any plans that require Commission approval including costs and implementation schedule	P. 7
9.0	Proposed modifications to the plan.	P. 7
10.0	Consultation documentation	P. 7

Appendices

Appendix A Reports of Debris

Appendix B Map of Off-load Sites

Appendix C Consultation

1.0 Introduction

The following Debris Management Plan Annual Report for the Smith Mountain Project No. 2210 (Project) was prepared in accordance with License Article 411 (Debris Management) approved and modified by the *ORDER ISSUING NEW LICENSE* issued on December 15, 2009 and the *ORDER ON REHEARING AND CLARIFICATION* issued September 16, 2010 by the Federal Regulatory Commission (Commission). The Debris Management Plan (DMP) requires that Appalachian Power Company (Appalachian) compile and file with the Commission an annual report regarding certain activities identified in the DMP. According to Section 5.0, Report, Appalachian is to prepare an annual report documenting debris removal efforts. The annual report will contain the following:

- a. Summary of the amount of debris removed for each lake including details of the methods used.
- b. Summary of debris removal efforts that take place outside of the license or by other parties
- c. Summary of Volunteer Lake Cleanup Efforts
- d. Summary of Education Efforts
- e. Discussion of the off-load sites utilized to remove debris, an update on status of securing additional sites and alternative methods that are identified
- f. Summary of evaluation of sites for possible debris diversion and collection devices
- g. Details of any plans that require Commission approval including costs and implementation schedule
- h. Proposed modifications to the plan.
- i. Consultation documentation

On September 11, 2012, the Commission issued an *Order Amending Debris Management* approving Appalachian's request to amend the filing date from January 30th to March 31st of each year.

2.0 Summary of the amount of debris removed for each lake including details of the methods used

In the *Order on Rehearing and Clarification* issued September 16, 2010, the Debris Management Plan was modified to clarify Appalachian's responsibilities for debris removal. From April through October, Appalachian is to remove and properly dispose debris from the Project reservoirs that creates safety hazards, interferes with public access to public recreation facilities, or results in adverse aesthetic impacts. Appalachian must address, throughout the year, recreational hazards created by floating debris resulting from high flow events, including not only the removal of floating debris immediately after the high flow event, but also removal of floating debris created by dislodged debris on an ongoing basis after the event has occurred.

Signs are posted at public boat ramps and/or marinas alerting the public of debris in the main channel.

Below is a summary of debris removed from each lake in 2023 (rounded to nearest ton), including Volunteer Lake Cleanup efforts:

Smith Mountain Lake

Volunteer Lake Cleanup Effort	9 tons*
Appalachian crew and equipment	620 tons
Contractor	<u>550 tons</u>
Total	1,179 tons

Leesville Lake

Volunteer Lake Cleanup Effort	23 tons*
Appalachian crew and equipment	2,125 tons
Contractor	<u>520 tons</u>
Total	2,668 tons

Total Tonnage Removed from the Project 3,847 tons

*tonnage also included in the totals reported in Section 4.0

A total of five high flow events occurred during 2023, resulting in one or more rivers to the Project reaching their respective trigger stage (i.e., gauge height). Reaching the triggers prompts additional post-high flow debris surveys and removal of floating debris from the main channels.

Under normal inflow conditions, Appalachian is required to remove floating debris from Smith Mountain Lake and Leesville Lake from April through October. Debris removal from both lakes in 2023 began in January and continued through December. Debris removal was supported by Appalachian’s contractor during 11 of the months on Smith Mountain Lake and nine months on Leesville Lake.

As stated above, there were five high flow events in 2023, each requiring debris removal crews to conduct post-high flow debris surveys and public boat ramps inspections. High flow events result in increased volume of debris entering the developments. Accordingly, debris removal efforts are escalated following high flow events.

On both lakes, Appalachian utilizes 30-foot wide by 60-foot long barges equipped with a push boat and an excavator for removing large items and bulk debris. On Smith Mountain Lake, debris is loaded into a 30 cubic yard roll-off dumpster staged on the barge. When

fully loaded the average weight is 10 tons per dumpster. The dumpsters are off loaded from the barge and then transported to the landfill for disposal. At Leesville Lake, the debris is loaded directly onto the barge and transported to one of multiple sites where it is offloaded. The woody debris offloaded at the Leesville Dam site is first chipped/shredded, loaded into trucks, and then transported off site to a facility where it is repurposed as a fuel supply or landscaping mulch product.

Appalachian's contractor utilizes similar equipment and methods for debris removal.

A multi-purpose work boat is also utilized on each lake to aid in the removal of smaller solitary items such as dead animals, solitary logs, floating docks, etc.

As previously stated, Appalachian is to remove and properly dispose of debris from the Project reservoir that creates safety hazards, interferes with access to public recreation facilities, or results in adverse aesthetic impacts. Appalachian must address, through the year, recreational hazards created by floating debris resulting from high flow events, including not only the removal of floating debris immediately after the high flow event, but also removal of floating debris created by dislodged debris on an ongoing basis after the event has occurred. While complying with these license requirements, Appalachian's debris removal crew also removes debris from coves and shorelines in an effort to be proactive and efficient in its use of time and expenditures.

With the implementation of the new license in 2010, the public began reporting debris directly to Appalachian either through Appalachian's website (www.smithmountainproject.com) or by calling Appalachian's toll-free Customer Operations Center. Use of the website allows submission of information by the user, which results in an email to appropriate Appalachian staff. The Tri-County Lakes Administrative Commission (TLAC), a joint county lake administrative organization, regularly makes debris reports on behalf of citizens, and does so via Appalachian's website.

Appalachian's Customer Operations Center is staffed 24 hours a day, seven days a week and 365 days a year. The Customer Operations Center requests information from the caller pertaining to the location (address, area of the lake or closest lateral mark) and type of debris observed. The Customer Operations Center then sends an email to Hydro personnel, providing the information. This information is then entered into a database and, along with the information obtained during the monthly debris surveys, is utilized in determining the appropriate locations for staging equipment. Each month following the debris survey, Appalachian staff consults with the Debris Technical Review Committee on the proposed location(s) for debris removal.

Appendix A includes a table of the calls and debris reports via the website (including those entered by TLAC) or the Customer Operations Center. As indicated on the table in Appendix A, some of the reports are duplicates. Reports of debris are beneficial in determining where to focus crew and/or contractor operations. Note that it is often not possible to give a specific date when debris was removed from a given reported location due to the mobile nature of floating debris. Also note that it may not be possible to know

what debris was associated with routine monthly debris removal (April-October) versus post-high flow debris removal, or whether or not the debris removed was a license requirement.

3.0 Summary of debris removal efforts that take place outside of the license or by other parties

The Virginia Department of Transportation (VDOT) does, on occasion, remove debris from the Blackwater River that has accumulated at Brooks Mill Bridge (Route 834). VDOT did not remove debris from the Brooks Mill Bridge in 2023.

In addition to VDOT, contractors, and volunteers (both on the cleanup days and throughout the year), it should be recognized that the Smith Mountain Marine Volunteer Fire and Rescue (SMMVFR) assists in retrieving floating logs and solitary items such as floating docks from the main channel and securing them to the shoreline for subsequent removal by Appalachian.

4.0 Summary of Volunteer Lake Cleanup Efforts

Volunteer cleanup efforts were conducted during 2023 on both lakes. As previously noted, the amount of debris listed in Section 2.0 includes amounts removed during the cleanup efforts. Summaries of each volunteer event are provided below.

In addition to scheduled/organized events, individual property owners are observed throughout the year removing trash and floating debris. Numerous stockpiles of natural wood debris are visible along the shorelines of the lakes, where property owners are waiting for the wood to dry and for fire bans to be lifted before having bonfires along the lakes' edge. In 2022, Appalachian installed a pole in Leesville Lake in a cove near the public recreation area where floating debris may be tied off for later retrieval by Appalachian's debris removal crew.

4.1 Take Pride in Smith Mountain Lake

The 2023 Take Pride in Smith Mountain Lake cleanup event was again held throughout the month of May. Individual groups comprised of residents and businesses held their own events and were provided with clean up supplies. There were a total of seven debris collection reports received by TLAC, with 364 participants. The cleanup efforts covered approximately 35.6 miles and resulted in approximately 9 tons of trash and debris removed for disposal.

4.2 Leesville Lake Beautification Day

The Leesville Lake Beautification Day was held on June 10, 2023. Volunteer participants removed approximately 23 tons of debris, which was offloaded at three locations on the lake. Appalachian's debris removal crew also participated and staged its barge at the location requested by the Leesville Lake Association Beautification Day representative. A total of 30 tons of debris was collected on the barge.

5.0 Summary of Education Efforts

Section 3.4 of the Debris Management Plan states that Appalachian will work with TLAC, the LLA, and stakeholders to educate the public regarding the impact debris has on recreation, the environment, and aesthetics for both lakes. Educational efforts include newsletters and online articles generated by TLAC and LLA, and the availability of "Frequently Asked Questions" on Appalachian's website (www.smithmountainproject.com). The website includes photographs of the types of debris that may and may not be removed as well as photographs of Appalachian's debris removal equipment.

Additionally, signage is installed at public boat ramps warning the public of potential debris conditions. Also, high flow and/or debris related information was communicated via numerous news releases, media articles, and social media postings (e.g., Appalachian's Smith Mountain Facebook page and Nextdoor).

The brochure entitled *Guidelines for Fish Habitat along Shorelines at Smith Mountain Lake* continues to be distributed. This brochure provides information to property owners on how to create aquatic habitat enhancements utilizing debris recovered from the lake or removed from the shoreline.

Monthly reports indicating debris removal locations, days worked, amounts of debris removed, proposed work locations for the upcoming month, etc. are provided via emails to the Debris Technical Review Committee. TLAC, through its website (<http://sml.us.com/environmental/debris-removal-projects/>), also educates the public regarding debris removal responsibilities.

6.0 Discussion of the off-load sites utilized to remove debris, an update on status of securing additional sites and alternative methods that are identified

The following off-load sites were utilized by Appalachian or its contractor during 2023:

Smith Mountain:

- VDOT ramp at end of State Road (Webster Road) on Blackwater River
- Camp Kilowatt – private Appalachian-owned property on Blackwater River
- Waterwheel Marina – private commercial ramp on Roanoke River
- Penn Hall – private Appalachian-owned property on Bull Run

Leesville:

- Leesville Dam
- Private property owner ramp (Three Pipes)
- Myers Creek (existing ramp completed in 2022)

A map showing the off-load sites utilized in 2023 is included as Appendix B.

The off-load sites utilized during 2023 were sufficient for addressing debris removal throughout the year. Note that on August 14, 2020, and supplemented on September 10, 2020, Appalachian filed to amend the Debris Management Plan to add a debris off-load and storage site at the Myers Creek Public Boat Access Facility at the Project's Leesville Development. The Commission issued its order approving modification of the plan to add this site on September 16, 2020. However, in 2023, Appalachian identified and purchased an off-water property nearby to Myers Creek to serve as a debris management site. Site development is expected to take place in 2024. Debris will be offloaded from the barge at the existing ramp at Myers Creek onto trucks and transported the short distance to the off-water site for storage and processing. Additional sites may be considered at both developments in the future to improve off-loading efficiency.

Appalachian utilized dedicated lake crews and equipment in 2023. Appalachian's contractor performed debris removal on both lakes.

7.0 Summary of evaluation of sites for possible debris diversion and collection devices

None of the sites currently utilized for debris off-loading are considered to be conducive to installing debris diversion and collection devices as they are private ramps, state-managed public ramps, or located in an area that does not receive heavy debris during high flow events. In 2020, Appalachian expanded its efforts to evaluate the feasibility of debris diversion and collection devices as described in Section 3.2 of the Debris Management Plan and to monitor the availability of lands in the area of the Pigg River, a major contributor of debris on Leesville Lake. Appalachian's evaluation of possible debris diversion and collection measures includes engineering and cost-benefit analysis, impacts to surrounding properties, navigation, safety concerns, permitting implications, environmental impacts, and site access. Appalachian continues to conduct exploratory efforts regarding the feasibility and permitting requirements of a debris diversion/collection measures. Should it seem feasible to consider the installation of a debris diversion and collection measures after review of the above described environmental and engineering considerations, debris diversion and collection measures supported by Appalachian, TLAC, LLA, and other stakeholders will be considered. Pursuant to the Debris Management Plan, prior to implementation, any proposed plans for debris diversion devices or collection devices will be filed with the Commission for review and approval.

8.0 Details of any plans that require Commission approval including costs and implementation schedule

There are no plans at this time that require Commission approval.

9.0 Proposed Modifications to the Plan

There are no proposals to modify the DMP at this time.

10.0 Consultation Documentation

The annual Debris Technical Review Committee meeting was held on April 28, 2023. At the request of the LLA, a second meeting was held on December 7, 2023 to discuss debris management matters. Meeting notes are included in Appendix C.

A draft copy of the 2023 Smith Mountain Project Debris Management Plan Annual Report was forwarded to the Debris Technical Review Committee for a 30 day review period on March 1, 2024. Copies of the correspondence are included in Appendix C.

Appendix A
Debris Reports

Date/ License Requirement	Lake/River or Creek/ Location	Main Channel, Cove, or Shoreline	Type of Debris	Date Inspected/Removed/Resolved
1/1/2023/No	Smith Mountain/Roanoke/R27	Cove	Part of a large piece of wood	Removed: 2/1/2023
1/1/2023/No	Smith Mountain/Blackwater/BU5	Shoreline	Huge log tied to neighbors dock	Removed: 2/8/2023
1/1/2023/No	Smith Mountain/Blackwater/BU3	Shoreline	Huge cut tree under dock	Removed: 2/8/2023
1/2/2023/No	Smith Mountain/Roanoke/R27	Shoreline	Tree 20' long 18" width under dock	Removed: 2/1/2023
1/3/2023/Yes	Leesville//MM9-11	Main channel	Trees, branches, grass	Item Not Found:1/3/2023
1/3/2023/Yes	Leesville//MM6	Main channel	Trees, branches, grass	Item Not Found:1/3/2023
1/3/2023/Yes	Leesville//MM6-9	Main channel	Trees, branches, grass	Item Not Found:1/3/2023
1/5/2023/Yes	Leesville//MM2	Cove	Small logs	Removed: 1/18/2023
1/9/2023/Yes	Leesville//MM13.5	Shoreline	Large tree 30' long	Item Not Found:1/19/2023
1/9/2023/Yes	Smith Mountain/Roanoke/R27A	Main channel	Free floating log/dock	Item Not Found:1/11/2023
1/9/2023/Yes	Leesville//MM5	Main channel	Floating trees	Notes: Worked area 1/18/2023 (also submitted by TLAC same day) Item Not Found:1/18/2023
1/9/2023/Yes	Leesville//MM5	Main channel	45'x2' Floating tree	Notes: Worked area 1/18/2023 (also submitted by TLAC same day) Item Not Found:1/18/2023
1/10/2023/Yes	Leesville//MM2	Main channel	5 Large logs/trees 10' to 20' long	Removed: 1/18/2023
1/10/2022/No	Smith Mountain/Craddock Creek/C3A	Shoreline	Large tree under dock	Removed: 2/14/2023
1/10/2023/Yes	Leesville//MM2	Main channel	Small logs	Removed: 1/18/2023
1/11/2023/Yes	Leesville//MM5	Main channel	Large/small logs, grasses, stick material	Removed: 1/18/2023 Notes: (also submitted by TLAC same day)
1/12/2023/Yes	Leesville//MM5	Main channel	Scattered logs	Removed: 1/18/2023:
1/13/2023/Yes	Leesville//MM1	Main channel	Lots of large logs	Removed: 1/18/2023
1/13/2023/Yes	Leesville//MM5	Main channel	Scattered logs	Removed: 1/18/2023
1/17/2023/No	Leesville//MM5	Shoreline	2 large trees along shoreline	Removed: 1/18/2023
1/17/2023/No	Leesville//MM2-3	Shoreline	Wood debris along shoreline	Removed: 1/18/2023
1/17/2023/No	Leesville//MM5	Shoreline	Log ties to shoreline	Removed: 1/18/2023
1/17/2023/No	Leesville//MM1.5	Little Jasper Creek	2 - 30' tree trunks	Removed: 1/18/2023
1/17/2023/Yes	Leesville//MM13.5	Main channel	40'+ log	Notes: Contractor could not locate/worked in that area 1/19/2023
1/17/2023/No	Smith Mountain/Roanoke/R24	Cove	Large tree limb	Notes: Contractor could not locate/worked in that area 2/14/2023
1/17/2023/No	Leesville//MM2	Shoreline	large logs	Removed: 1/18/2023
1/18/2023/Yes	Leesville//MM2	Main channel	Multiple logs, debris mat behind Goat Island	Removed: 1/18/2023
1/18/2023/Yes	Smith Mountain/Roanoke/R27	Main channel	Floating dock	Removed: 4/18/2023
1/18/2023/No	Leesville//MM3	Cove behind Goat Island	Large logs, many small misc debris	Removed: 1/18/2023 Notes: 2nd report
1/18/2023/Yes	Leesville//MM5	Main channel	Large and small logs sticks and grass	Removed: 1/18/2023
1/18/2023/No	Smith Mountain/Roanoke/R26	Cove	Big tree floating in back of cove	Removed: 1/18/2023
1/19/2023/No	Smith Mountain/Roanoke/R8	Main channel	Floating dock	Removed: 4/13/2023
1/19/2023/No	Smith Mountain/Blackwater/B48-49	Main channel	Dredging sediment build-up	Notes: contacted TLAC to discuss 1/19/2023
1/20/2023/Yes	Smith Mountain/Roanoke/R34-34A	Main channel	Log	Removed: 1/27/2023
1/23/2023/No	Leesville//MM2	Shoreline	6 logs tied to tree	Removed: 2/6/2023

Date/ License Requirement	Lake/River or Creek/ Location	Main Channel, Cove, or Shoreline	Type of Debris	Date Inspected/Removed/Resolved
1/23/2023/Yes	Leesville//MM1.5	Main channel	2 Logs floating at mouth of cove	Removed: 2/14/2023
1/23/2023/No	Smith Mountain/Blackwater/B30	Cove	Floating tree trunk tied to dock	Removed: 2/13/2023
1/26/2023/Yes	Leesville//MM2	Main Channel	Mutiple large logsfree floating	Notes: Contractor working in area 2/14/2023
1/26/2023/Yes	Leesville//MM7	shoreline	Large log along the shoreline just beyond MM7	Removed: 3/24/2023
1/27/2023/No	Leesville//MM1.5	Cove	3 Large tree trunks	Notes: Contractor working in area 2/14/2023
1/29/2023/Yes	Smith Mountain/Roanoke/R32	Main channel	Large tree/log	Notes: Contractor working in area 2/27/2023
1/30/2023/No	Smith Mountain/Roanoke/R6	Cove	Large work barge/dock	Removed: 1/30/2023
1/30/2023/No	Smith Mountain/Roanoke/R6	Cove	Base of pontoon boat	Removed: 1/30/2023:
1/30/2023/No	Smith Mountain/Blackwater/B23	Cove	Large dock with sea do ramp	Removed: 1/30/2023
1/30/2023/Yes	Smith Mountain/Blackwater/B48	Main channel and shoreline	Several large logs	Removed: 2/13/2023 Notes: Lake Crew worked in area 2/13-15/2023
1/31/2023/No	Leesville//MM2.5	Shoreline	Two trees tied off to shoreline	Removed: 2/6/2023:
2/1/2023/No	Leesville//MM2-3	Shoreline	Hugh tree trunk on point of lot	Removed: 2/6/2023
2/3/2023/No	Smith Mountain/Roanoke/R37A	Cove	Large section of wooden decking tree branches	Removed: 2/6/2023:
2/4/2023/Yes	Smith Mountain/Roanoke/R49	Main channel	Truck tire	Removed: 2/6/2023
2/6/2023/Yes	Smith Mountain/Roanoke/R11A	Main channel	Floating dock	Removed: 4/12/2023
2/6/2023/No	Leesville//MM3	Shoreline of main channel	Floating dock	Removed: 2/6/2023
2/14/2023/Yes	Leesville//MM3.5	Main channel	Multiple debris piles, logs, branches	Removed: 2/16/2023
2/14/2023/Yes	Leesville//MM2	Main channel	Numerous debris piles, logs, limbs	Removed: 2/16/2023
2/14/2023/Yes	Leesville//MM1-2	Main channel	Many large logs floating toward dam	Removed: 2/16/2023
2/14/2023/Yes	Leesville//MM2	Main channel	5 -20-30 foot tree trunks	Removed: 2/16/2023
2/14/2023/Yes	Smith Mountain/Blackwater/B48	Main channel	Lots of debris from recent rain	Removed: 2/23/2023
2/15/2023/Yes	Leesville//MM2	Main channel	Repeat of 2/14 report with new debris	Removed: 2/16/2023
2/15/2023/Yes	Leesville//MM1-2	Main channel	Whole stream of debris near Pitt Co. shore	Removed: 2/16/2026
2/15/2023/Yes	Leesville//MM1-2	Main channel	Large logs, piles of debris, islands of debris	Removed: 2/16/2026
2/15/2023/Yes	Leesville//MM1-3	Main channel	Massive debris pods	Removed: 2/16/2023
2/16/2023/Yes	Leesville//MM2	Shoreline	3 logs tied to shoreline	Removed: 2/16/2023
2/16/2023/Yes	Leesville//MM6-8	Main channel	Bare tree limbs, 2 mile raft of debris	Notes: Contractor worked in area 3/24/2023
2/16/2023/Yes	Smith Mountain/Roanoke/R27A	Shoreline	Floating dock section	Removed: 4/7/2023
2/17/2023/Yes	Leesville//MM8	Main channel	Stationary log	Removed: 3/24/2023
2/21/2023/Yes	Leesville//MM2	Main channel	Large logs floating toward LVL Marina	Notes: Worked in area 3/20/2023
2/21/2023/Yes	Leesville//MM3.5	Main channel	Several logs floating	Notes: Worked in area 3/20/2023
2/21/2023/Yes	Leesville//MM1-3	Main channel	Large logs floating in main channel	Notes: Worked in area 3/20/2023
2/21/2023/Yes	Leesville//MM2	Shoreline	Lots of large logs floating	Notes: Worked in area 3/20/2023
2/22/2023/Yes	Leesville//MM2	Main channel	Heavy single logs and mats of debris	Notes: Worked in area 3/20/2023
2/22/2023/Yes	Leesville//MM2	Shoreline	Many large logs floating toward Leesville Dam	Notes: Worked in area 3/20/2023
2/22/2023/Yes	Leesville//MM3.5	Main channel	Tree trunk or rootball	Notes: Worked in area 3/20/2023
2/24/2023/No	Smith Mountain/Blackwater/B21-B21A	Shoreline	12' log tied to tree on beach	Removed: 4/5/2023
2/26/2023/Yes	Smith Mountain/Craddock Creek/C5	Cove	Dead deer	Removed: 3/1/2023 Notes: (Reported twice same day - only entered once)
2/26/2023/Yes	Smith Mountain/Roanoke/R37A	Shoreline	Lots of trash including tire	Removed: 4/18/2023
2/28/2023/Yes	Leesville//MM2-3	Cove	Wood debris along shoreline	Removed: 3/20/2023

Date/ License Requirement	Lake/River or Creek/ Location	Main Channel, Cove, or Shoreline	Type of Debris	Date Inspected/Removed/Resolved
2/28/2023/Yes	Smith Mountain/Craddock Creek/C5	Cove	Dead deer	Removed: 3/1/2023 Notes: Third report
2/28/2023/Yes	Smith Mountain/Roanoke/R12	Main channel	12' long floating dock	Removed: 4/12/2023
3/1/2023/No	Smith Mountain/Blackwater/B23	Cove	20' log part on beach	Removed: 3/1/2023
3/2/2023/Yes	Smith Mountain/Roanoke/R8	Main channel	Floating dock - Tied to P/O dock	Removed: 4/13/2023 Notes: Second report
3/2/2023/Yes	Smith Mountain/Roanoke/R53		Very large tree over 40'	Removed: 4/4/2023
3/13/2023/No	Smith Mountain Lake/Blackwater/B11	Open water of a cove	Large tree between docks. It is floating	Removed: 4/5/2023
3/10/2023/No	Leesville Lake//MM2	Open water of cove	Large log downstream from MM2	Removed: 3/20/2023
3/13/2023/No	Leesville Lake//MM2	Shoreline of a main channel	5 large logs, 15-20'and 6-10" in diameter.	Removed: 3/20/2023
3/16/2023/No	Smith Mountain Lake/Roanoke/R53	Shoreline of a main channel	up against rip rap	Removed: 4/18/2023
3/17/2023/No	Leesville Lake//MM2	Shoreline of a main channel	Debris around Heron Landing Docks tied to shoreline	Removed: 3/20/2023
3/17/2023/No	Smith Mountain Lake/Gills Creek/G4		Tree trunk approximately 16 feet	Removed: 4/18/2023
3/17/2023/No	Smith Mountain Lake/Becky's Creek/R26	Shoreline of a cove	Tree fell into water	Notes: Forwarded to Shoreline Management 3/20/2023
3/22/2023/No	Leesville Lake//MM2.5-MM3	Goat Island	abundance of debris	Removed: 3/23/2023
3/22/2023/Yes	Leesville Lake//MM7	Main Channel	Large logs surrounding MM7, Bedford side	Removed: 3/24/2023
3/22/2023/Yes	Leesville Lake//MM8	Main Channel	Directly across from MM8 about 100' Pittsville side	Removed: 3/24/2023
3/22/2023/Yes	Smith Mountain Lake/Blackwater/B13	Main Channel	20' log 18" diameter partially submerged	Removed: 4/18/2023
3/24/2023/Yes	Leesville Lake//MM2	Main Channel	Debris scattered across main channel	Removed: 3/27/2023
3/24/2023/Yes	Leesville Lake//MM1	Main Channel	logs/stumps floating in main channel Goat Island	Removed: 3/27/2023
3/24/2023/No	Leesville Lake//MM2	Cove	large and small logs	Removed: 3/27/2023
3/24/2023/No	Leesville Lake//MM2	1/5 mi. Leesville Dam	floating logs/Leesville Lake Pitts side 1/5 mi dam	Removed: 3/27/2023
3/27/2023/Yes	Smith Mountain Lake/Blackwater/B46	Open water of a cove.	Cove filled with downed trees, logs and debris	Removed: 4/18/2023
3/27/2023/No	Smith Mountain Lake/Little Bull Run/BR1	open Cove	floating dock across from public ramp.	Removed: 4/5/2023 Notes: Free floating dock wedged under residents dock,may be partially mired in silt.
3/27/2023/Yes	Leesville Lake//MM2	Main Channel	Large debris-east side	Removed: 3/27/2023
3/27/2023/Yes	Leesville Lake//MM 4.5	Main Channel	Large floating tree tied to tree main channel	Removed: 4/4/2023 Notes: Large floating tree was tied to tree on the point across the main channel from Tri-County Marina
3/28/2023/Yes	Leesville Lake//MM 13.5	Main Channel	Large trees close to north shoreline	Removed: Item Not Found:5/31/2023
3/28/2023/Yes	Leesville Lake//MM 2-3	Main Channel	Scattered wood debris along shoreline	Removed: 4/3/2023
3/31/2023/Yes	Smith Mountain Lake/Gills Creek/G5	Main Channel	20' log across channel from G5	Removed: 4/18/2023
3/31/2023/No	Smith Mountain Lake/Bull Run/BR 3	Cove	Floating dock	Removed: 4/5/2023
3/31/2023/Yes	Smith Mountain Lake/Gills Creek/G5	Main Channel	same as previous above on 3/31/2023	Removed: 4/18/2023
4/3/2023/Yes	Leesville Lake//MM5	Open water of Cove	Across from Tri County Marina	Removed: 4/4/2023
4/3/2023/Yes	Smith Mountain Lake/Gills Creek/G5	Open water of a cove	Logs	Removed: 4/18/2023
4/4/2023/Yes	Leesville Lake//MM2	Open water of a cove	Small logs & mostly a lot of branches/debris	Item Not Found:4/13/2023
4/4/2023/Yes	Smith Mountain Lake/Roanoke/HFB	Open water of a cove	large plywood piece	Removed: 4/6/2023

Date/ License Requirement	Lake/River or Creek/ Location	Main Channel, Cove, or Shoreline	Type of Debris	Date Inspected/Removed/Resolved
4/6/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Scattered debris across main channel	Removed: 4/5/2023
4/6/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Downstream of MM2, large logs	Notes: Working in area 4/13/2023
4/6/2023/Yes	Smith Mountain Lake/Roanoke/R8	Shoreline of a Main Channel	washed up floater onto rock shoreline	Removed: 4/13/2023
4/6/2023/Yes	Smith Mountain Lake/Blackwater/B4	Shoreline of Main Channel	40-50 ft of tree in lake and very large truck	Item Not Found:5/5/2023
4/11/2023/Yes	Smith Mountain Lake/Roanoke/R50A	Shoreline of main channel	A huge pile up of debris,	Removed: 4/18/2023
4/12/2023/Yes	Leesville Lake//MM2	Shoreline of main channel	Shoreline covered in debris and stumps	Removed: 4/19/2023
4/12/2023/No	Smith Mountain Lake/Roanoke/HFB	other	Tree approx. 80 feet on shoreline	Forwarded to Shoreline Management on 4/12/2023
4/13/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Large debris mat stretching 1/4 mile long	Removed: 4/19/2023
4/13/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Many logs in the lake	Removed: 4/19/2023
4/14/2023/Yes	Leesville Lake//MM13-MM14	Open water of a main channel	Very large debris spanning nearly a mile	Notes: Working in area 4/27/2023
4/14/2023/Yes	Leesville Lake//MM4	Open water of a Main Channel	Debris floating MM4	Removed: 4/19/2023
4/15/2023/Yes	Smith Mountain Lake/Roanoke/R39	Shoreline of a main channel	5-7 logs tied to shoreline	Removed: 4/18/2024
4/18/2023/Yes	Smith Mountain Lake/Blackwater/B41	Open water of a cove	As you come into B41 small cove on the left	Removed: 6/14/2023
4/18/2023/Yes	Smith Mountain Lake/Roanoke/R58	Open water of a cove	small cove next boathouse with american flag	Removed: 7/25/2023
4/21/2023/Yes	Smith Mountain Lake/Blackwater/B46-B48	Open water of a cove	Logs and other debris from stream	Removed: 8/22/2023
4/8/2023/Yes	Smith Mountain/Roanoke/R50A	Shoreline	Huge pile of debris	Removed: 7/25/2023
4/24/2023/Yes	Smith Mountain/Blackwater/B18	Shoreline	Huge tree next to marker B18	Removed: 4/25/2023 Notes: Also reported by TLAC same day
4/25/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Large Debris mat of large and small woody debris	Notes: Worked in area 5/11/2023
4/25/2023/Yes	Smith Mountain Lake/Roanoke/R54	Open water of a main channel	Couple of very long and large logs	Notes: Worked in area 7/14/2023
4/26/2023/Yes	Smith Mountain Lake/Smith Mountain/R21-R25	Shoreline of a main channel	Franklin County side, there is a large 6ft by 4 ft	Notes: Worked in area 5/5/2023
4/26/2023/Yes	Leesville Lake//Across from dam	Open water of a cove	a couple logs are high enough that I move	Removed: 5/1/2023
4/27/2023/Yes	Smith Mountain Lake/Smith Mountain/R12	Shoreline of Main Channel	12 ft. floater tied off from Bernards Landing restaurant	Removed: 4/24/2023
4/28/2023/No	Smith Mountain Lake/Smith Mountain/R32	Shoreline of a Main Channel	Large stump along riprap	Removed: 5/5/2023
4/29/2023/Yes	Smith Mountain Lake/Smith Mountain/B49-B48	Shoreline of a main channel	North shoreline of the Blackwater between B48/B49	Removed: 8/22/2023

Date/ License Requirement	Lake/River or Creek/ Location	Main Channel, Cove, or Shoreline	Type of Debris	Date Inspected/Removed/Resolved
5/1/2023/Yes	Smith Mountain Lake/Smith Mountain/B46	Open water of a cove	Entire cove and dock completely blocked by debris	Removed: 8/22/2023
5/1/2023/Yes	Smith Mountain Lake/Smith Mountain/	Open water of a cove	Debris, trash	Notes: Worked in area 5/5/2023
5/1/2023/Yes	Leesville//MM 12	Open water of a main channel	Several ,tons of debris-numerous large trees	Removed: 6/2/2023
5/2/2023/Yes	Smith Mountain Lake/Smith Mountain/B46	Open water of a cove	This is the typical build up of trees after heavy	Removed: 8/22/2023
5/2/2023/Yes	Leesville//MM 10.5	Open water of a main channel	Several large long tree logs, branches, clusters	Notes: Worked in area 5/13/2023
5/2/2023/Yes	Smith Mountain Lake/Smith Mountain/G9	Open water of a cove	They have previously cleaned the cove	Removed: 5/8/2023
5/2/2023/Yes	Smith Mountain Lake/Gills Creek/G10	Open water	The cove in front of out home has lots a debris in	Removed: 5/8/2023
5/3/2023/Yes	Leesville//MM2	Open water of a main channel	Located on the Runaway Bay side of the lake	Removed: 5/23/2023
5/3/2023/Yes	Leesville//MM 10.5.220	Shoreline of a main channel	This new debris is an addition to the last report.	Removed: 6/2/2023
5/5/2023/Yes	Leesville//MM2	Open water of cove	Large logs, Playcation Retreat Cove	Removed: 5/23/2023
5/5/2023/Yes	Leesville//MM3	Open wter of cove	Large logs, upstream from MM3	Removed: 5/23/2023
5/6/2023/Yes	Smith Mountain Lake/Smith Mountain/R22	Shoreline of a main channel	Large floating dock portion washed up our shoreline	Removed: 7/18/2023
5/7/2023/Yes	Smith Mountain Lake/Smith Mountain/R22	Open water of a main channel	debris tried to dock	Removed: 7/18/2023
5/7/2023/Yes	Smith Mountain Lake/Smith Mountain/R22	Open water of a cove	Old section of a dock	Removed: 7/18/2023
5/8/2023/No	Smith Mountain Lake/Smith Mountain/B26	Open water of a cove	Tree fell blocking canal and	Notes: Back of cove. Inaccessible
5/8/2023/Yes	Leesville Lake//M5-6	Shoreline of main channel	Huge tree on boat ramp at residence	Removed: 5/25/2023
5/8/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Many large logs	Notes: Worked in area 5/9/2023
5/8/2023/Yes	Leesville Lake//MM5	Open water of main channel	Horrendous since last rain	Notes: Worked in area 5/16/2023
5/8/2023/Yes	Smith Mountain Lake/Gills Creek/G5	Open water of a cove	Log(s)	Removed: 5/8/2023
5/9/2023/Yes	Leesville Lake/Leesville/MM2	Open water of a mainchannel	Many very large logs in main channel down stream	Notes: Worked in area 5/9/2023
5/10/2023/No	Smith Mountain Lake/Blackwater/B10A	Creek that flows into cove	Debris, logs, twigs etc.	Notes: Back of cove. Inaccessible.
5/11/2023/Yes	Leesville Lake//MM 10.5	Shoreline of a main channel	10 large log trees tied up to shoreline	Notes: Worked in area 5/31/2023
5/12/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Many large and small logs downstream from MM2	Removed: 5/23/2023
5/12/2023/Yes	Smith Mountain Lake/Blackwater/B-23	Shoreline of a main channel	20' log tied off	Removed: 7/18/2023
5/12/2023/Yes	Leesville Lake//MM11	Open water of c cove	Large logs foot on bottom with 8' to 12' above water	Notes: Contractor worked area 6/2/2023
5/15/2023/Yes	Leesville Lake//MM5	Open water of a main channel	Large logs down stream of MM5	Removed: 5/23/2023
5/15/2023/Yes	Leesville Lake//MM8	Shoreline of a main channel	I tied up two (2) potential boat wreckers at MM8	Removed: 5/23/2023

Date/ License Requirement	Lake/River or Creek/ Location	Main Channel, Cove, or Shoreline	Type of Debris	Date Inspected/Removed/Resolved
5/15/2023/Yes	Leesville Lake//MM9	Open water of a main channel	30 ft tree outside cove at Parkers Landing	Removed: 6/2/2023:
5/15/2023/Yes	Leesville Lake//MM11-MM14	Open water of a main channel	Large debris field, numerous large tree	Notes: Contractor worked in area 6/2/2023
5/15/2023/Yes	Leesville Lake//MM2.25	Open water of a main channel	Debris mats floating up and down shore	Removed: 5/23/2023:
5/16/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Many large and small logs down stream of MM2	Removed: 5/23/2023
5/16/2023/No	Smith Mountain Lake/Blackwater/B41	Just off Blackwater River near 4-H camp	Debris	Removed: 7/18/2023
5/16/2023/Yes	Leesville Lake//MM8	Shoreline f the main channell	Debris mat	Removed: 5/23/2023
5/19/2023/No	Smith Mountain Lake/Roanoke/R37	Open water of a cove	Large logs	Note: Back of cove inaccessible.
5/22/2023/Yes	Smith Mountain Lake/Blackwater/B41	Open water of a cove	Debris	Removed: 7/18/2023
5/22/2023/Yes	Smith Mountain Lake/Smith Mountain Lake/R53	Open water of a cove	Lots of logs and debris	Removed: 7/13/2023
5/22/2023/No	Smith Mountain Lake/Blackwater/B10A	Back of Cove	Debris	Notes: Back of cove. Inaccessible.
5/22/2023/Yes	Leesville Lake//MM9	Shoreline of a main channel	Large tree and scattered debris along North shores	Removed: 6/2/2023
5/23/2023/Yes	Smith Mountain Lake/Blackwater/B48	Open water of a main channel	Large log floating near B-48	Notes: Worked in area 6/15/2023
5/23/2023/Yes	Leesville Lake//MM10	Shoreline of a main channel	Large, medium and small logs and debris	Removed: 6/2/2023
5/25/2023/No	Smith Mountain Lake/Smith Mountain Lake/B30	Open water of a cove	two trunks	Notes: Back of Cove. Inaccessible
5/25/2023/Yes	Leesville Lake/Leesville Lake/MM10	Open water of a main channel	Large logs sticks mat floating in Main Channel	Removed: 6/2/2023
5/26/2023/Yes	Smith Moutain Lake/Roanoke/R27	Open water of a cove	Dead deer located near the back of the cove,	Removed: 5/30/2023:
5/26/2023/Yes	Smith Mountain Lake/Roanoke/R27	Open water of a cove	Dead deer	Removed: 5/30/2023
5/27/2023/Yes	Smith Mountain Lake/Blackwater/B28	Open water of a cove	Creek in cove on main part of the lake	Notes: Worked in area 7/7/2023
5/29/2023/No	Smith Mountain Lake/Bull Run/BU3	Shoreline cove	6-7 ft of a tree up against the rip-rap	Removed: 7/19/2023
5/30/2023/Yes	Leesville Lake//MM1	Shoreline of a main channel	3-4 logs sitting on the shore up stream of MM1	Removed: 6/12/2023
6/1/2023/Yes	Leesville Lake//MM8	Shoreline of a main channel	Lots of logs are on shore	Removed: 6/12/2023
6/1/2023/No	Smith Mountain Lake/Backwater/B49	Open water of a main channel	Trees and logs. Hazards.	Notes:. Not worked. Beyond defined waterway
6/3/2023/No	Smith Mountain Lake/Blackwater/B49	Open water of a main channel	Large logs, trees, plastic bottles, construction	Notes: Not removed. Beyond defined waterway
6/5/2023/No	Smith Mountain Lake/Craddock Creek/C5	Shoreline of a main channel	floating dock	Removed: 9/28/2023
6/5/2023/Yes	Smith Mountain Lake/Roanoke/R34	Shoreline of a main channel	Between R34 and R34A	Removed: 7/13/2023 Notes: Worked in area 7/13/2023

Date/ License Requirement	Lake/River or Creek/ Location	Main Channel, Cove, or Shoreline	Type of Debris	Date Inspected/Removed/Resolved
6/5/2023/Yes	Leesville Lake//1.5	Open water of a main channel	Large semi-submerged tree Mile Marker 1.5	Removed: 6/12/2023
6/5/2023/Yes	Leesville Lake//7-8	Open water of a main channel	Debris	Removed: 6/12/2023
6/5/2023/Yes	Smith Mountain Lake/Blackwater/B-49	Open water of a main channel	Large logs	Removed: 6/15/2023
6/6/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Debris mats of various sizes	Notes: Worked in area 6/12/2023
6/6/2023/Comment	Leesville Lake//MM7-MM8	Shoreline of a main channel		Notes: Worked in area 6/12/2023
6/7/2023/Yes	Leesville Lake//MM7	Shoreline of a main channel	Debris	Notes: Worked in area 6/12/2023
6/7/2023/Yes	Leesville Lake//7, 10, 11	Open water of a main channel	Telephone pole sized logs/trees	Notes: Worked in area 6/12/2023
6/7/2023/Yes	Smith Mountain Lake/Bever Dam Creek/BE5	Shoreline of a main channel	Small floating dock tied to BE5	Removed: 7/13/2023
6/8/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Lots of large and small logs in main channel	Notes: Worked in area 6/12/2023
6/8/2023/Yes	Smith Mountain Lake/Smith Mountain/BE5	Open water of a main channel	Floating dock has been tied to the BE5	Removed: 7/13/2023
6/9/2023/Yes	Leesville Lake//MM1.5	Open shore of a main channel	Debris mat small sticks near MM1.5, Fischer's Cove	Notes: Worked in area 6/12/2023
6/12/2023/Yes	Leesville Lake//MM8	Open water of a main channel	Debris	Removed: 6/12/2023
6/12/2023/Yes	Leesville Lake//MM5.5	Open water of a main channel	Mixed debris scattered and floating near MM5.5	Removed: 6/12/2023
6/13/2023/Yes	Smith Mountain Lake/Blackwater/B46-B48	Open water of a cove	Logs and other debris from the stream.	Notes: Worked in area 7/18/2023
6/14/2023/Yes	Leesville Lake/Leesville/MM2	Open water of a main channel	Large logs in main channel	Notes: Worked in area 6/30/2023
6/14/2023/Yes	Smith Mountain Lake/Smith Mountain/B26	Open water of a cove	Dead deer in the cove in the water	Notes: Removed - date unknown
6/14/2023/Yes	Smith Mountain Lake/Smith Mountain/R21A	Shoreline of a main channel	floating dock	Removed: 7/18/2023
6/14/2023/No	Smith Mountain Lake/Roanoke/R37	Open water of a cove	Orange marker has been floating around freely	Item Not Found:7/3/2023
6/15/2023/Yes	Leesville Lake/Leesville/MM2	Open water water of a main channel	Many logs and sticks across the lake down stream o	Notes: Worked in area 6/30/2023
6/16/2023/Yes	Smith Mountain Lake/Smith Mountain Lake/B27 or B29	Open water of a cove	Tree limbs, boards, washtub	Notes: Removed. Date unknown.
6/17/2023/Yes	Smith Mountain Lake/Roanoke/R6	Open water of a cove	Floating dock	Removed: 7/18/2023
6/19/2023/Yes	Smith Mountain Lake/Roanoke/R37	Open water of a cove	Large tree floating	Removed: 10/23/2023
6/19/2023/Yes	Smith Mountain Lake/Roanoke/R37	Open water of a cove	A tree was struck by lightening on 6/19/20223	Removed: 10/23/2023
6/19/2023/Yes	Smith Mountain Lake/Roanoke/R6	Shoreline of a main channel	two large, floating docks	Notes: Removed. Date unknown

Date/ License Requirement	Lake/River or Creek/ Location	Main Channel, Cove, or Shoreline	Type of Debris	Date Inspected/Removed/Resolved
6/20/2023/Yes	Leesville Lake/Leesville Lake/MM9	Open water of a main channel	Telephone pole sized logs/trees	Notes: Worked in area 7/20/2023
6/20/2023/Yes	Leesville Lake//MM10	Other	Whole trees excessive debris causing damage	Notes: Worked in area 7/11/2023
6/20/2023/Yes	Leesville Lake//MM10	Open water of a main channel	Telephone pole size logs/tress Whole trees	Notes: Worked in area 7/11/2023
6/20/2023/Yes	Leesville Lake//MM9	Open water of a main channel	Very large debris field.	Notes: Worked in area 7/11/2023
6/20/23/Yes	Leesville Lake//MM2	Open water of a main channel	Many large and small logs downstream of MM2	Notes: Worked in area 6/23/2023
6/20/2023/No	Smith Mountain Lake/Beaver Dam/BE5	Other	Floater dock tied to channel marker BE-5	Removed: 7/13/2023
6/22/2023/Yes	Smith Mountain Lake/Blackwater/B21	Shoreline of a main channel	a very large tree log	Removed: 7/19/2023
6/22/2023/Yes	Smith Mountain Lake/Roanoke River/R30	Shoreline in a cove	tree	Removed: 7/18/2023
6/22/2023/Yes	Smith Mountain Lake/Roanoke/R58	Open water of a cove	Debris	Removed: 7/13/2023
6/23/2023/Yes	Smith Mountain Lake/Beaverdam/BE5		Floater dock tied to channel marker BE-5	Removed: 7/13/2023
6/24/2023/No	Leesville Lake//MM 9.75	Shoreline of a main channel	2 large trees	Notes: Worked in area 7/5/2023
6/24/2023/Yes	Smith mountain Lake/Smith Mountain/B30	Shoreline of a main channel	dead Fawn	Item Not Found: 7/19/2023
6/26/2023/No	Smith Mountian Lake/Smith Mountain/R15	Other	large floating log	Notes: Worked in area 7/3/2023
6/26/2023/Yes	Smith Mountain Lake/Smith Mountain/G2	Open water of a cove	Sizeable branch in coves to left of gills creek	Notes: Not removed. Will return to Gills Creek in 2024
6/26/2023/Yes	Smith Mountain Lake/Gills Creek/G5	Open water of a main channel	long log with the top visible	Notes: Not removed. Will return to Gills Creek in 2024
6/26/2023/Yes	Smith Mountain Lake/Smith Mountain/R30	Shoreline of a main channel	Two large tree branches	Notes: Worked in Area 10/12/2023
6/26/2023/Yes	Leesville Lake//MM13	Open water of amain channel	trees	Notes: Worked in area 8/16/2023
6/26/2023/Yes	Leesville Lake//MM2		Many logs and small logs	Notes: Worked in area 7/11/2023
6/26/2023/Update	Smith Mountain Lake/Gills Creek/G2		Reported this AM appears to have moved on	Not removed 6/26/2023
6/26/2023Smith Mountain Lake/Yes	Smith Mountain Lake/Roanoke Channelo/R53	Open water of a cove	Natural and man made debris	Removed: 7/13/2023
6/26/2023/Yes	Smith Moutain Lake/Roanoke/R53	Open water of a cove	Natural and man made debris	Removed: 7/13/2023
6/29/2023/Yes	Leesville Lake//MM13	Shoreline of a main channel	Mutiple logs just below the Tolers Ferry Bridge	Notes: Worked in area 8/16/2023
6/30/2023/No	Smith Mountain Lake/Roanoke/R34 & R34A	Other	Vertical piling	Notes: Not removed
7/3/2023/Yes	Leesville Lake//MM8, 9, & 10	Open water of a main channel	35 foot tree with a 3 foot diameter base intact	Notes: Worked in area 7/11/2023
7/5/2023/Yes	Leesville Lake//MM7	Open water of a main channel	trees	Removed: 7/20/2023
7/5/2023/Yes	Leesville Lake//MM6-9	Open water of a main channel	Debris slicks	Removed: 7/20/2023:

Date/ License Requirement	Lake/River or Creek/ Location	Main Channel, Cove, or Shoreline	Type of Debris	Date Inspected/Removed/Resolved
7/5/2023/Yes	Leesville Lake//MM1.5	Shoreline of a main channel	Tree	Notes: Worked in area 10/19/2023
7/5/2023/No	Smith Mountain Lake/Roanoke/R-35	Open water of a main channel	Vertical piling	Notes: Not removed
7/6/2023/No	Smith Mountain Lake/Roanoke/R13	Open water of a cove	Tree limbs on riprap	Notes: Not removed
7/6/2023/Comment	Smith Mountain Lake/Roanoke/R-37A	Open water of a main channel	N/A	Notes: Thank you
7/6/2023/Yes	Leesville Lake/Leesville/MM2	Open water of a main channel	Scattered and mats of debris across the main chann	Notes: Worked in area 10/19/2023
7/7/2023/No	Smith Mountain Lake/Roanoke/R22	Main channel	Metal barrel	Removed: 7/7/2023 Notes: Removed by SMLMVFD
7/7/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Scattered debris piles across the lake. Some with	Notes: Worked in area 10/19/2023
7/7/2023/Yes	Smith Mountain Lake/Blackwater/B45	Shoreline of a main channel	Numerous logs are near or touching shoreline	Removed: 7/27/2023
7/7/2023/Yes	Leesville Lake//MM1	Open water of a main channel	Lots of large and small logs down stream of MM1	Notes: Worked in area 10/19/2023
7/7/2023Smith Mountain Lake/No	Smith Mountain Lake/Gills Creek/North of G10	Open water of a cove	Garbage/rundown boat was floating in the cove	Notes: Not removed. Will return to Gills Creek in 2024
7/8/2023/Yes	Smith Smith Mountain Lake/Beaver Dam/BE5	Open water of a main channel	24 Sq Ft floating dock floating in main channel	Removed: 7/13/2023
7/10/2023/Yes	Leesville Lake//MM1	Open water of a main channel	Heavy debris and logs floating in main channel	Removed: 7/11/2023
7/10/2023/Yes	Leesville Lake//MM2	Open water of a cove	Small logs in cove down stream of MM2	Removed: 7/11/2023
7/10/2023/Yes	Smith Mountain Lake/Roanoke/R27-R27A	Open water of a cove	Dead deer	Item Not Found: 7/20/2023
7/10/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Large debris field across the main channel	Removed: 7/11/2023
7/10/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Many large logs down stream of MM2.	Removed: 7/11/2023
7/11/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Many Lrge nd small logs.	Removed: 7/11/2023:
7/11/2023/No	Smith Mountain Lake/Roanoke/R22	Open water of a main channel	dock	Removed: 7/18/2023
7/12/2023/Yes	Smith Mountain Lake/Roanoke/R12		Dead deer	Item Not Found:7/20/2023
7/12/2023/No	Smith Mountain Lake/Gills Creek/G4	Shoreline of a main channel	Old tree log on my beach next to boat dock.	Notes: Not removed
7/12/2023/No	Smith Mountain Lake/Roanoke/R12	Open water of a cove	An anchor has to be cut loose and a white nylon	Notes: Not removed.
7/12/2023/Yes	Smith Mountain Lake/Blackwater/B46-B48	Open water of a cove	Logs and other debris from stream,	Removed: 8/22/2023
7/13/2023/Yes	Smith Mountain Lake/Roanoke/R-54	Open water of a cove	Still have several logs on the side of dock.	Notes: Worked in area 7/13/2023
7/14/2023/Yes	Leesville Lake/Myers Creek/MM12	Open water of a cove	Heavy debris at Myers Creek boat ramp	Item Not Found:7/25/2023
7/15/2023/Yes	Smith Mountain Lake/Blackwater/B45	Shoreline of main channel	Large tree trunk sitting vertical in water	Removed: 7/27/2023

Date/ License Requirement	Lake/River or Creek/ Location	Main Channel, Cove, or Shoreline	Type of Debris	Date Inspected/Removed/Resolved
7/16/2023/Yes	Smith Mountain Lake Smith Mountain Lake/Blackwater/B37	Open water of a main channel	10 inch log, at least 10 feet long,	Removed: 10/3/2023
07/17/2023/Yes	Leesville Lake/Leesville Lake/MM8	Open water of a cove	Debris	Removed: 7/20/2023
07/17/2023/Yes	Smith Mountain Lake/Blackwater/B47	Shoreline of a main channel	large trees	Removed: 7/27/2023
07/18/2023/Yes	Smith Mountain Lake/Blackwater/B44	Openwater of a main channel	Debris	Removed: 7/18/2023
07/18/2023/Yes	Leesville Lake/Leesville/MM2	Soreline of a main channel	large logs, small logs and sticks	Notes: Worked in area 10/19/2023
07/18/2023/Yes	Leesville Lake/Leesville/MM10.5	Shoreline of a main channel	Debris	Removed: 7/26/2023
07/18/2023/No	Smith Mountain Lake/Blackwater/B47	Open water of a cove	Debris	Removed: 7/27/2023
07/19/2023/Yes	Smith mountain Lake/Gills Creek/Across from Gills Creek Marina	Open water of a cove	Dead deer	Removed: 7/20/2023
07/20/2023/Yes	Smith Mountain Lake/Roanoke/R13	Open water of a main channel	10 ft long partially submerged form submerged form	Notes: Not removed
07/20/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Lots of debris, large logs, sticks other debris	Notes: Worked in area 10/19/2023
07/20/2023/Yes	Leesville Lake//MM 2.25	Open water of a main channel	Debris mat across from main channel	Notes: Worked in area 10/19/2023
07/21/2023/Yes	Smith Mountain Lake/Blackwater/BR3	Open water of a cove	Floating dock	Removed: 9/28/2023
07/24/2023/Yes	Leesville Lake//MM1.5	Open water of a main channel	Whole tree	Notes: Worked in area 10/19/2023
07/24/2023/Yes	Leesville Lake//MM 7-8	Open water of a main channel	3 Pipes is completely enclosed by floating logs	Removed: 7/26/2023
07/24/2023/Yes	Leesville Lake//MM 1.5	Open water of a cove	30 foot trunk floating in Little Jasper Creek cove	Notes: Worked in area 10/19/2023
07/24/2023/Yes	Leesville Lake//MM 2.25	Open water of a main channel	full trees	Notes: Worked in area 10/19/2023
07/24/2023/Yes	Leesville Lake//MM 12	Open water of a main channel	Mutiple large trees and numerous logs and branches	Notes: Worked in area 8/16/2023
07/25/2023/Yes	Leesville Lake//MM8	Open water of a main channel	40 foot tree to 3 Pipes.	Removed: 7/26/2023
07/24/2023/Yes	Leesville Lake//MM7	Open water of a cove	The debris	Notes: Worked in area 8/16/2023
07/25/2023/Yes	Leesville Lake//MM12	Shoreline of a main channel	Debris	Notes: Worked in area 7/25/2023
07/25/2023/Yes	Smith Mountain Lake/Blackwater/B41	Open water of a cove	Debris	Removed: 10/31/2023
07/26/2023/No	Smith Mountain Lake/Roanoke/R61	Open water of a main channel	Building on shoreline is about to fall within the	Notes: Forwarded to Shoreline Management 7/26/2023
07/27/2023/Yes	Leesville Lake//MM13	Open water of a main channel	Very large debris field.	Notes: Worked in area 8/21/2023
07/28/2023/Yes	Leesville Lake//MM9	Open water of a cove	Numerous logs and branches	Notes: Worked in area 8/21/2023
7/26/2023/Yes	Smith Mountain/Roanoke/R37	Cove	Tree	Removed: 10/23/2023

Date/ License Requirement	Lake/River or Creek/ Location	Main Channel, Cove, or Shoreline	Type of Debris	Date Inspected/Removed/Resolved
07/30/2023/No	Smith Mountain Lake/Roanoke/R6	Open water of a cove	lg tree in the cove	Notes: Worked in area 9/20/2023
07/30/2023/Yes	Smith Mountain Lake/Blackwater/B48	Open water of a shoreline	We have a dead deer and logs at B48 cove first rig	Removed: 8/14/2023
7/31/2023/Yes	Smith Mountain/Roanoke/R6	Open water of a cove	Large tree w/out limbs approx. 30+ feet	Notes: Worked in area 9/20/2023
08/01/2023/Yes	Leesville Lake//MM2-3	Open water of a main channel	Weekly debris	Notes: Worked in area 10/19/2023
08/01/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Many large logs, sticks, and other debris	Notes: Worked in area 10/19/2023
08/01/2023/Yes	Leesville Lake//MM2	Open water of main channel	Large debris field	Notes: Worked in area 10/19/2023
08/02/2023/Yes	Leesville Lake//MM 8 & 9	Open water of a main channel	debris, large logs, small logs	Notes: Worked in area 8/3/2023
08/02/2023/Yes	Smith Mountain Lake/Blackwater/B48	Shoreline of cove/river	Dead deer	Removed: 8/14/2023
08/04/2023/No	Smith Mountain Lake/Gills Creek/G10	Shoreline of a main channel	Debris	Notes: Beyond defined waterway. Cannot get equipment to this location
08/07/2023/Yes	Leesville Lake//MM 8-10	Open water of a main channel	Large logs/trees, whole trees, root balls,	Notes: Worked in area 8/15/2023
08/07/2023/Yes	Leesville Lake//MM 8-10	Open water of a main channel	Large logs/trees, whole trees, root balls, massive	Notes: Worked in area 8/15/2023
08/14/2023/Yes	Leesville Lake//MM4	Open water of a main channel	Large log floating	Notes: Worked in area 8/30/23
08/14/2023/No	Smith Mountain Lake/Blackwater/B24	Other	Tree trunk too large for us to pull out	Removed: 8/14/2023
08/14/2023/Yes	Leesville Lake//MM2-3	Open water of a main channel	Lots of debris in Leesville Lake this morning	Notes: Worked in area 10/19/2023
08/14/2023/Yes	Leesville Lake/Jasper Creek Cove/MM1.5	Open water of a cove	Debris	Notes: Worked in area 10/19/2023
08/17/2023/Yes	Leesville Lake//MM8	Shoreline of a main channel	Couple of logs	Notes: Worked in area 8/14/2023
08/17/2023/Yes	Leesville Lake//MM2	Open water of a main channel	Debris	Notes: Worked in area 10/19/2023
08/18/2023/Yes	Smith Mountain Lake/Roanoke/R37	Open water of a cove	large tree	Removed: 10/23/2023
08/19/2023/Yes	Leesville Lake//MM1.5	Open water of a main channel	Debris	Notes: Worked in area 10/19/2023
08/19/2023/No	Smith Mountain Lake/Roanoke/R21A	Other	Floating dock	Notes: Worked in area 9/30/2023/item not found
08/19/2023/No	Smith Mountain Lake/Roanoke/R-21	Other	big piece of dock	Notes: Worked in area 9/30/2023/item not found
08/22/2023/Yes	Smith Mountain Lake/Roanoke/R31	Open water of a main channel	Large straight log in main channel at least 40-50'	Notes: Not found/date not documented
08/22/2023/Yes	Smith Mountain Lake/Blackwater/B46	Open water of a cove	Debris	Removed: 8/22/2023 Notes: Also worked in area 9/28/2023
08/22/2023/No	Smith Mountain Lake/Blackwater/B11	Open water of a cove	Dead animal floating in the water near my dock.	Removed. Date unknown
08/22/2023/No	Smith Mountain Lake/Roanoke/R30	Shoreline of a main channel	60 to 70 foot log floating against our dock.	Notes: Unable to locate
08/22/2023/No	Smith Mountain Lake/Blackwater Arm/B-49	Open water of a cove	Debris	Notes: Unable to locate

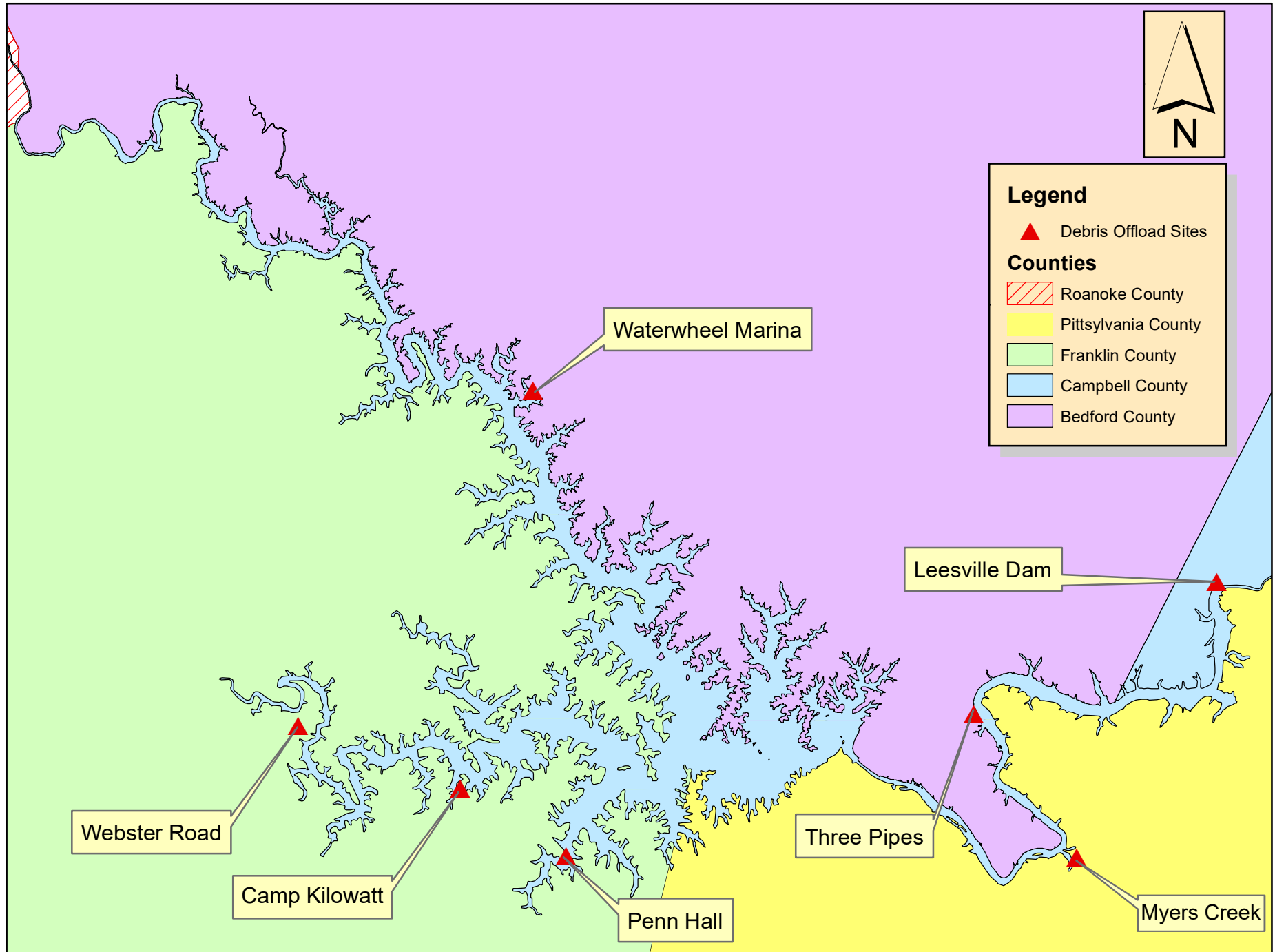
Date/ License Requirement	Lake/River or Creek/ Location	Main Channel, Cove, or Shoreline	Type of Debris	Date Inspected/Removed/Resolved
08/24/2023/Yes	Smith Mountain Lake/Roanoke/R31	Open water of a cove	60 ft tree	Notes: Unable to locate
08/24/2023/Yes	Smith Mountain Lake/Roanoke/R31	Open water of a main channel	Tree floating in mid channel	Notes: Unable to locate.
08/24/2023/Yes	Smith Mountain Lake/Roanoke/R31	Open water of a main channel	Very large tree in middle of channel	Notes: Unable to locate.
08/24/2023/Yes	Smith Muntain Lake/Roanoke/R31	Open water of a main channel	Very large tree in main channel	Notes Unable to locate.
08/24/2023/Yes	Smith Mountain Lake/Roanoke/R31	Open water of a main channel	30-40 foot tree in the water	Notes: Unable to locate.
08/25/2023/Yes	Smith Mountain Lake/Roanoke/R30	Open water of a main channel	67-70 foot log floating against our dock	Notes: Unable to locate
08/28/2023/Yes	Leesville Lake//MM-8	Open water of a cove	log mats	Removed: 8/30/2023 Notes: Worked in area 8/30/2023.
08/28/2023/No	Smith Mountain Lake/Roanoke/R31	Shoreline o a main channel	Large log lodged against our dock with tip laying	Notes: Status unknown. Research underway.
08/31/2023/No	Smith Mountain Lake/Roanoke/R83 R87	Open water of a main channel	Two logs	Notes: Worked in area 10/12/2023
09/01/2023/No	Smith Mountain Lake/Roanoke/R76A	Open water of a main channel	At Moormans there is a 6-inch diameter log sitting	Notes: Worked in area 10/12/2023
09/02/2023/No	Smith Mountain Lake/Roanoke/BU1	Other	Floating tree is tied up to a tree.	Removed: 9/28/2023
09/04/2023/No	Smith Mountain Lake/Roanoke/R26	Shoreline of a main channel	Dead deer	Item Not Found:9/7/2023
09/04/2023/No	Smith Mountain Lake/Roanoke/R26	Shoreline of a main channel	Dead deer	Item Not Found:9/7/2023
09/05/2023/No	Smith Mountain Lake/Craddock Creek/H1	Open water of a main channel	Two red floats	Removed by VDWR
09/06/2023/Yes	Smith Mountain Lake/Roanoke/R-47	Open water of a cove	Type not specified	Notes: Worked in area 10/12/2023
09/06/2023/Yes	Smith Mountain Lake/Roanoke/R-43	Open water of a cove	Log	Notes: Worked in area 10/12/2023
09/08/2023/Yes	Smith Mountain Lake/Witcher Creek/W-1	Open water of a main channel	Log	Notes: Worked in area 10/12/2023
09/08/2023/Yes	Smith Mountain Lake/Gills Creek/G5	Open water of a cove	Tree	Notes: Not removed. Scheduled for removal 2024
09/12/2023/Yes	Leesville Lake//MM2-3	Open water of a main channel	Large and small debris	Notes: Worked in area 10/19/2023
09/12/2023/Yes	Smith Mountain Lake/Roanoke/R12	Open water of a main channel	Dead deer	Notes: Contractor could not locate 9/15/2023
09/14/2023/No	Smith Mountain Lake/Blackwater/B49	Open water of a cove	Limbs	Removed: 9/28/2023
09/25/2023/Yes	Smith Mountain Lake/Roanoke/R26	Open water of a cove	A long tree trunk	Item Not Found:11/17/2023
09/25/2026/Yes	Smith Mountain Lake/Roanoke/R21A	Shoreline of a main channel	Debris	Item Not Found:10/3/2023
10/10/2023/Yes	Leesville Lake//MM8-10	Open water of a main channel	Massive entangled islands of debris and submerged logs	Removed: 10/10/2023

Date/ License Requirement	Lake/River or Creek/ Location	Main Channel, Cove, or Shoreline	Type of Debris	Date Inspected/Removed/Resolved
10/10/2023/Yes	Leesville Lake//MM8-10	Open water of a main channel	Massive entangled islands of debris and submerged logs	Removed: 10/10/2023
10/4/2023/Yes	Smith Mountain/Roanoke/R81	Main channel	Log in main channel sticking up out of the mud	Removed: 10/12/2023
10/18/2023/Yes	Smith Mtn Lake/Roanoke/R37	Open water of a cove	Tree floating in cove approx. 20 to 30 feet long	Item Not Found:11/17/2023
10/20/2023/Yes	Leesville Lake//MM13.5	Shoreline of a main channel	2 large trees	Item Not Found:2/10/2024
10/29/2023/Yes	Smith Mountain Lake/Smith Mountain Lake/R13	Other	Dead deer	Removed: 10/30/2023
10/30/2023/No	Smith Mountain Lake/Blackwater/B-29	Shoreline of a main channel	Log	Notes: Removed. Date not documented.
10/30/2023/Yes	Smith Mountain Lake/Hatcher Creek/H1	Shoreline of a main channel	Dead deer	Removed: 10/31/2023
11/01/2023/No	Leesville Lake/Leesville/MM13.5	Shoreline of a main channel	These, two trees are still here	Notes: Worked in area 2/10/2024
11/3/2023/No	Smith Mountain Lake/Blackwater/B-49	Shoreline of a main channel	Debris is right against the shoreline	Notes: To be addressed in 2024
11/10/2023/Yes	Smith Mountain Lake/Smith Mountain Lake/R28	Open water of a cove	Dead cow floating in the lake	Removed: 11/10/2023 Notes: Was a deer.
11/12/2023/No	Smith Mountain Lake/Roanoke/R58	Open water of a cove	Large trees and a dock	Removed: 11/17/2023
11/16/2023/Yes	Leesville Lake/Leesville/MM2	Open water of a main channel	Large logs, logs everywhere	Notes: Worked in area 12/5/2023
11/17/2023/Yes	Leesville Lake/Leesville/MM2	Open water of a main channel	Many large and small logs	Notes: Worked in area 12/5/2023
11/20/2023/Yes	Leesville Lake/Leesville/MM2	Open water of a main channel	Many large logs	Notes: Worked in area 12/5/2023
11/20/2023/Yes	Leesville Lake/Leesville/MM2.5	Open water of a main channel	Unusual level of debris at MM2.5	Notes: Worked in area 12/5/2023
11/20/2023/No	Smith Mountain Lake/Blackwater River/B51	Open water of a cove		Notes: Inaccessible - Beyond marked waterway
12/4/2023/Yes	Smith Mountain Lake/Smith Mountain/cust tied up debris at their dock	Other	floater, platform with trash and wood just floating around	Removed: date unknown.
12/11/2023/No	Smith Mountain Lake/Roanoke River/R54	Open water of a cove	A large tree	Notes: Scheduled for 2024
12/12/2023/Yes	Leesville Lake/Leesville/MM2	Open water of a main channel	Many large logs down stream from MM2	Item Not Found:12/20/2023
12/12/2023/Yes	Smith Mountain Lake/Craddock/C-6	Open water of a main channel	Dead dear (Buck) located between Dock B and C	Notes: Status unknown. Research underway.
12/13/2023/Yes	Smith Mountain Lake/Roanoke/R-28	Shoreline of a main channel	Massive floating dock (30x15) with lumber, wood, debris	Notes: Removed. Date unknown.
12/18/2023/Yes	Leesville Lake/Leesville/MM2	Open water of a main channel	section about 20' long averaging 12-24" wide and 2-3' thick with only 1 foot or less sticking up out of water	Removed: 12/20/2024
12/20/2023/No	Smith Mountain Lake/Roanoke/R-22 & R-24	Other	Tree with Branches sticking up out of the water,	Notes: Scheduled for 2024
12/27/2023/Yes	Leesville Lake/Leesville/MM8	Shoreline of a main channel	30 foot log restrained to the shore at mile marker	Removed: 2/10/2024

Appendix B

Map of Off-load Sites

Smith Mountain Project No. 2210 2023 Debris Off-Load Sites



Appendix C
Consultation

Edward S Brennan

From: ksage.tlac@sml.us.com
Sent: Thursday, March 28, 2024 10:07 AM
To: Elizabeth B Parcell; 'Bill Butterfield'; 'Pam Mcmillan'; Dan.Wilson@dwr.virginia.gov
Cc: Edward S Brennan; Nicholas C Sink; George A Porter; James M McGlothlin; David B Agee; Elijah T Meador; Neil Holthouser
Subject: [EXTERNAL] RE: Smith Mountain Project Debris Management Plan - 2023 Annual Report
Attachments: 2023 APCo Debris Mgmt Rpt TLAC Comment.pdf

This Message Is From an EXTERNAL Sender

This is an **EXTERNAL** email. **STOP. THINK** before you click links or open attachments. If suspicious, please click the **'Report to Incidents'** button. No button, forward to incidents@aep.com.

Hello Liz

The Tri-County Lakes Administrative Commission (TLAC) appreciates the opportunity to comment on the Smith Mountain Hydroelectric Project 2023 Annual Debris Management Report. TLAC's comments are in the attached file.

With best regards,

Kristina Sage
Executive Director
Tri-County Lakes Administrative Commission
400 Scruggs Road, Suite 200
Moneta, VA 24121
(540) 721-4400



From: Elizabeth B Parcell <ebparcell@aep.com>
Sent: Friday, March 1, 2024 1:53 PM
To: ksage.tlac@sml.us.com; Bill Butterfield <butter22@outlook.com>; Pam Mcmillan <pamaloomc@gmail.com>; Dan.Wilson@dwr.virginia.gov
Cc: Edward S Brennan <esbrennan@aep.com>; Nicholas C Sink <ncsink@aep.com>; George A Porter <gaporter@aep.com>; James M McGlothlin <jmmcglothlin@aep.com>; David B Agee <dbagee@aep.com>; Elijah T Meador <etmeador@aep.com>; Neil Holthouser <nholthouser@aep.com>
Subject: Smith Mountain Project Debris Management Plan - 2023 Annual Report

All,

In accordance with the Smith Mountain Project's Debris Management Plan, attached please find the draft 2023 Annual Report. Please review the report and let us have the benefit of your comments within 30 days of the date of this email. Note that Appendix A is not included but will be provided to you next week. We're endeavoring to answer as many questions as possible!

Thank you for your continued interest in the Smith Mountain Project. Please let me know if you have any questions.

Liz



ELIZABETH B PARCELL | PROCESS SUPV
EBPARCELL@AEP.COM | D:540.985.2441 | C:540.529.4191
40 FRANKLIN ROAD SW, ROANOKE, VA 24011



TRI-COUNTY LAKES ADMINISTRATIVE COMMISSION
400 Scruggs Road, Suite 200
Moneta, VA 24121
Telephone: (540) 721-4471

Leesville Lake

Smith Mountain Lake

March 28, 2024

Ms. Elizabeth B. Parcell
Process Supervisor
American Electric Power
40 Franklin Road SW
Roanoke, VA 24011

RE: Debris Management Annual Report Jan. 1, 2023 - Dec. 31, 2023

Dear Ms. Parcell:

The Tri-County Lakes Administrative Commission (TLAC) appreciates the opportunity to comment on Appalachian Power Company's (Appalachian) Draft Debris Management Annual Report.

On behalf of the property owners and those who recreate on Smith Mountain (SML) and Leesville (LVL) lakes, we appreciate Appalachian's debris removal efforts in 2023. We commend all staff and the contractor team who have worked to remove debris from the project and appreciate their continued efforts.

TLAC appreciates Appalachian's continued commitment to debris management and responsiveness to website and toll-free telephone reports. TLAC is pleased to play an integral role in debris management by continuing to accept calls regarding debris and advise reporters of the anticipated response during TLAC office hours. TLAC promptly forwards each report to Appalachian's website with the detail provided by the caller. We consider this a valuable service for the lake communities, and we consider our process for reporting debris to Appalachian on behalf of reporters thorough and efficient.

TLAC's records indicate some discrepancies with Appalachian's reporting of debris removal on both lakes.

Leesville Lake

Debris management in LVL remains a challenge. Notably, in the end of 2022 and leading into the beginning of 2023, debris from the December 2022 high flow event remained problematic. Though not noted as such, according to the requirements of the license, the seven (7) January debris reports on Page one, and three (3) January debris reports on Page 2 were most likely the result of the high flow event in December and thus Appalachian was required by license to remove this debris.

In 2023, 98% of the LVL debris reports included in the Appalachian report were submitted by residents through TLAC and forwarded to APCO. Only 4 were submitted directly to Appalachian.

- Five (5) LVL debris reports submitted by TLAC were not included in the Appalachian Report. Of these five (5), TLAC was unable to confirm two (2) were closed. A third open report was merely an informational report advising damage to the boat dock on Bibee Rd. at the Myers Creek site.

Smith Mountain Lake

In 2023, 30% of the SML debris reports included in the Appalachian report were received and submitted by TLAC. In total, 5 debris reports submitted by TLAC were not included on the Appalachian report.

- Of the 5 reports, 3 were in Beaverdam Creek which continues to be a challenging area on SML.
- Of the 9 reports that were open at the end of the year to be investigated in 2024, 6 were reported between April 25 and September 8, 2023. TLAC recognizes the challenges posed by SML being 40 miles long with numerous coves, but a delay of 4-8 months to remove debris poses navigation hazards to boaters.
 - Seven reports of a very large tree floating in the main channel, received from 08/24/23 through 08/28/23 are noted for **Date Inspected/Removed/Resolved** as *Unknown at this time. Research underway*. It is difficult to understand a timeframe in which this report may have been addressed.
 - A tree reported on September 8, needing to be removed at G5, was noted as being scheduled for removal in 2024. Residents often call TLAC for status updates, and to ensure we can respond accurately, in future reports, it would be helpful to understand why addressing a report that is noted as a license requirement is delayed for 3+ months.

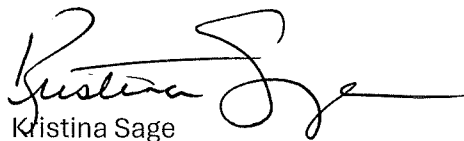
TLAC recognizes limitations of time, manpower, and weather interruptions that affect response times to address debris on Leesville Lake and Smith Mountain Lake. Continued efforts to improve efficiencies will help limit navigational hazards. The additional equipment planned to address specific needs such as the new skimmer and improved work boats should improve removal of debris from shorelines and coves thus preventing navigational hazards in the main channels.

TLAC is encouraged by the progress that Appalachian has made to improve the removal of debris from LVL including the extension of the barge and improvements to the Myers Creek public boat access. However, establishment of a diversion device at the Pigg River appears to be an ongoing challenge and no site has been selected yet. Noting that, "In 2020 Appalachian expanded its efforts to evaluate the feasibility of debris diversion and collection devices...." TLAC and the Leesville Lake Association are eager for this project to commence. The Pigg River is a major contributor of debris entering LVL and therefore TLAC requests Appalachian designate this project as one of the highest priorities for debris management on LVL. TLAC further anticipates the addition of the new skimmer in mid-2024 to debris management equipment in mid-2024 will further improve efficiencies on Leesville Lake.

Monthly reports from Appalachian in 2023 continue to help by keep the TRC apprised of the debris removal actions taken on both lakes, and the intended focus of debris removal crews for the upcoming month. These reports are valuable in improving communication with TLAC and the Leesville Lake Association. TLAC also appreciates that Appalachian has continued to extend invitations to members of the Leesville Lake Association's Debris Committee and TLAC to participate in lake surveys during 2023 and 2024.

TLAC reaffirms continued commitment to serving to assist with reporting and provide understanding of Appalachian's debris removal responsibilities. We appreciate the continuing opportunity to assist, particularly in communication efforts with Appalachian, lake residents, and the recreating public of both Smith Mountain and Leesville lakes. We look forward to the upcoming Technical Review Committee meeting to review improvements in the 2024 Debris Management Plan.

Sincerely,

A handwritten signature in black ink, appearing to read "Kristina Sage", with a long horizontal flourish extending to the right.

Kristina Sage
Executive Director

Edward S Brennan

From: Pam Mcmillan <pamaloomc@gmail.com>
Sent: Wednesday, March 27, 2024 9:41 AM
To: Elizabeth B Parcell
Cc: ksage.tlac@sml.us.com; Bill Butterfield; dan.wilson@dwr.virginia.gov; Edward S Brennan; Nicholas C Sink; George A Porter; James M McGlothlin; David B Agee; Elijah T Meador; Neil Holthouser; Roy Kelley
Subject: [EXTERNAL] Re: Smith Mountain Project Debris Management Plan - 2023 Annual Report
Attachments: 2023 LLA Response to Annual Debris Management Annual Report.docx; Draft 2023 Smith Mountain Project Debris Management Annual Report.pdf

This Message Is From an EXTERNAL Sender

This is an **EXTERNAL** email. **STOP. THINK** before you click links or open attachments. If suspicious, please click the '**Report to Incidents**' button. No button, forward to incidents@aep.com.

My apologies Liz. The first submission was an error. Please find our comments to the Annual Report attached below and would appreciate letting me know you received our document in its proper format. Thank you.
Pam McMillan

On Mar 1, 2024, at 1:52 PM, Elizabeth B Parcell <ebparcell@aep.com> wrote:

All,

In accordance with the Smith Mountain Project's Debris Management Plan, attached please find the draft 2023 Annual Report. Please review the report and let us have the benefit of your comments within 30 days of the date of this email. Note that Appendix A is not included but will be provided to you next week. We're endeavoring to answer as many questions as possible!

Thank you for your continued interest in the Smith Mountain Project. Please let me know if you have any questions.

Liz



ELIZABETH B PARCELL | PROCESS SUPV
EBPARCELL@AEP.COM | D:540.985.2441 | C:540.529.4191
40 FRANKLIN ROAD SW, ROANOKE, VA 24011

March 27, 2024

**Leesville Lake Association
Consultation
Appalachian Power Company
Smith Mountain Lake Pumped Storage Project, No 2210
Article 411 - Debris Management
2023 Annual Report**

The Leesville Lake Association, Inc. (LLA) through the Leesville Lake Association Debris Committee (LLADC) appreciates the opportunity to comment on the draft Debris Management 2023 Annual Report. The LLA would like to thank Appalachian Power Company (APCo) for their efforts in removing debris from Leesville Lake during 2023. We look forward to the Technical Review Committee meeting and the receipt of the 2024 Overall Plan in April.

As always, we wish to acknowledge the efforts of the lake crew. The team is professional in their work, courteous in their engagements and helpful to the residents around the lake.

In the cover letter to the 2022 Annual Report, APCo stated that comments received from Leesville Lake Association (LLA) and TLAC to the 2022 draft “... *were similar in topic and concern to those provided on the 2021 draft debris report. However, no comments in either of organization’s letter were specific to edits/revisions to the draft report.*” We could not disagree more. The purpose of the report is not to simply answer a series of questions, but more importantly to show by answering those questions that the licensee is indeed complying with the requirements of the license and thereby the purpose of the respective program. Our concern and contention are that APCo is routinely incomplete in their responses, offering minimal answers repeated year after year, therefore painting an incomplete picture regarding their compliance. Our comments below directly relate to how APCo answered specific questions and therefore requires response in this report, not in a supplemental filing.

1. The simple numbers don’t tell the complete story:

From: 2.0 Summary of the amounts of debris removed for each lake including details of the methods used.

■ 'Below is a summary of debris removed from each lake in 2023 (rounded to nearest ton), including Volunteer Lake Cleanup efforts:

Smith Mountain Lake: 1,179 tons

Leesville Lake: 2,668 tons'

These numbers in isolation do not take into account the relative size (surface area) of each lake. That is what really defines the magnitude of the issue and therefor the impacts on the lake regarding aesthetics, public access and most importantly safety.

The following chart adds surface area into the mix and therefore gives a much better picture of the situation:

Smith Mountain Project Debris Loading				
Year	SML Tons Removed	LVL Tons Removed	SML Surface Area (Acres)	LVL Surface Area (Acres)
2017	1090	1676	20600	3400
2018	1310	2323		
2019	2762	3120		
2020	2970	7457		
2021	1881	1820		
2022	629	1811		
2023	1179	2668		
Average Tons Removed/Year	1689	2982		
Average Annual Debris Loading (Tons/Year/Acre)	0.082	0.877	<i>LVL = 10 Times the Issue vs SML</i>	

The historical and ongoing debris management challenge at Leesville Lake (LVL) is ten (10) times that of Smith Mountain Lake (SML). LLA is not and has never attempted to speak on behalf of SML. It is not our place to do so. However, it is obvious that Leesville Lake consistently demands much more effort to control the accumulation of debris based on debris concentration and therefore public safety.

▪ 'As stated above ... Accordingly, debris removal efforts are escalated following high flow events.'

LLA has repeatedly asked APCo to quantify this statement which they repeat annually in this report. While it is obvious that any debris removal effort after a high flow event in the months of November through March is an

escalation since there is no routine removal required, we have not consistently witnessed an escalation beyond regular efforts during the months of April through October. We have asked APCo for data (increased days worked, increased equipment in operation, etc.) to clarify and quantify this statement. APCo has not been forthcoming in providing such information to help us better understand this claim.

■ 'On both lakes ... At Leesville Lake, the debris is loaded directly onto the barge and transported to one of **multiple** sites where it is offloaded....'

Just to clarify that the term “multiple”, as APCo defines later in section 6.0, refers to two (2) locations.

'Leesville:

(1) Leesville Dam-MM0

(2) Private property owner ramp (Three Pipes)-MM8

2. The slowness and resulting ineffectiveness of APCo's corporate processes leaves the stakeholders vulnerable and license requirements unfulfilled:

From: 6.0 Discussion of the off-load sites utilized to remove debris, an update on status of securing additional sites and alternative methods that are identified

▪ 'The off-load sites ... However, on August 14, 2020, and supplemented on September 10, 2020, Appalachian filed to amend the Debris Management Plan to add a debris off-load site at the Myers Creek Public Boat Access Facility at the Project's Leesville Development ... Site development is expected to take place in 2024....'

It was March 2018 at the annual TRC meeting that LLA first recommended that a debris off-load facility be added to the Myers Creek (MM 11.5). This is critical due to its proximity to the Pigg River (MM 13), the source of the majority of the debris loading into Leesville Lake. It is now some six (6) years post, and the facility is still not operational. Yet as shown above, the debris issues have not decreased leaving the stakeholders in jeopardy as tons of debris from the Pigg River is spread throughout the lake as it works its way, 13 miles toward the Leesville Dam (MM 0), APCo's primary offload site. We sincerely hope that the project is developed in 2024, as “expected.”

From: 7.0 Summary of evaluation of sites for possible debris diversion and collection devices

- *'None of the sites ... In 2020, Appalachian expanded its efforts to evaluate the feasibility of debris diversion and collection devices as described in Section 3.2 of the Debris Management Plan and to monitor the availability of lands in the area of the Pigg River, ... Should it seem feasible to consider the installation of a debris diversion and collection measures after review of the above described environmental and engineering considerations, debris diversion and collection measures supported by Appalachian, TLAC, LLA, and other stakeholders will be considered....*

LLA initially requested a study be performed on this issue in March 2018. At that time LLA was told there was no money in the budget for such a study. As with the Myers Creek facility, we are now some six (6) years hence and the facility is not in operation, nor has it been ruled infeasible. More troubling, LLA has repeatedly asked APCo to provide a comprehensive update on the study thus far. This is a very reasonable request considering the importance of the issue and the time that has passed since it was first discussed. To date, APCo has been unwilling to provide such an update to LLA or the TRC.

As was witnessed in the last few high flow events, the amount of debris coming from the Pigg River is heavy and damaging. Large amounts of debris collected and, in some cases, significantly damaged bridges that crossed over the Pigg River. Addressing/stopping debris at its primary source would reduce the barge requirements of gathering debris and improve the safety of recreational boating on Leesville Lake. We emphatically support an effort to build a debris diversion/collection device where the Pigg River enters Leesville Lake.

Discrepancies on Appendix A (list of debris reports)

From: 2.0 Summary of the amount of debris removed for each lake including details of the methods used

- *' Appendix A includes a table of the calls and debris reports via the website (including those entered by TLAC) or the Customer Operations Center. As indicated on the table in Appendix A, some of the reports are duplicates. Reports of debris are beneficial in determining where to focus crew and/or contractor operations. Note that it is often not*

possible to give a specific date when debris was removed from a given reported location due to the mobile nature of floating debris. Also note that it may not be possible to know what debris was associated with routine monthly debris removal (April-October) versus post-high flow debris removal, or whether or not the debris removed was a license requirement'

...'Also note that it is often not possible to give a specific date when debris was removed from a given reported location due to the mobile nature of floating debris.'

- Due to the manipulated water levels on Leesville Lake it's only logical that crew may not find certain reported debris in the exact location a stakeholder made claim on. However, there are many reports submitted that took the dedicated crew/contractor weeks and in some instances over a month to retrieve the reported debris. And although a good amount of reported retrieval dates are many weeks to over a month later, especially on the upper range of the lake, this data also demonstrates the need for more crew and contractor work in controlling this debris sooner.

...'Also note that it may not be possible to know what debris was associated with routine monthly debris removal (April-October) versus post-high flow debris removal, or whether or not the debris removed was a license requirement.'

- Last year, this subject had been questioned by our committee and discussed at the Annual Debris Technical Committee meeting on April 23, 2023. Specifically Appalachian agreed and the committee concluded that during the off season (November-May), should there be a high flow event, a timely survey helps determine additional debris that enters the project and therefore is considered a license requirement for removal. In addition, it was understood that although the first priority of debris removal is focused on the main channel it was also agreed that reported debris "near shoreline", is considered a similar priority as it only takes a slight increase in lake level for this reported debris to enter the main channel again. However, in this year's 2023 Debris Management Plan Draft as noted in "Appendix A", there are more than 14 debris reports sent in by stakeholder's shortly after a high-water incident that were marked in first column as "no" meaning, not in Appalachian's license requirement. It is inconsistencies such as this that are confusing and may discourage future debris reporting. Stakeholders will be more likely to help the crew track debris (instead of just complaining), if they feel their efforts to do so are not being ignored. The LLA would like to have further clarity and discussions on this subject to see if we can improve these issues. As was discussed in the October virtual meeting with Appalachian, TLAC and LLA representatives, the residents of Leesville Lake know the lake and could be great informants if responses are timely to reports.

APCo's Debris Management Annual Reports consistently fail to reference a critical section of their Operating License contained in the Summary and Introduction of Article 411 that gets to the very purpose of the Plan:

'The purpose of this Debris Management Plan is to identify debris removal and control measures within the project boundaries for the Smith Mountain and Leesville developments that maintain the aesthetic values, reduce access difficulties, and reduce boating hazards....'

'The purpose of this Debris Management Plan (Plan) is to outline how Appalachian, in coordination with a number of stakeholders, intends to control the accumulation of natural and man-made debris floating on the surface of both Smith Mountain Lake and Leesville Lake over the term of the next license for the Smith Mountain Project (Project). The goal of this Plan is to provide a means to maintain the aesthetic value, reduce access difficulties, and reduce boating hazards related to floating debris for both lakes.'

LLA contends that, despite the best efforts of the local crew, which we continue to applaud, APCo simply has not dedicated the resources necessary to properly plan and execute the control of the accumulation of and maintain the aesthetic value, reduce access difficulties, and reduce boating hazards on Leesville Lake. Based on current resources, it often it takes a month or more to recover from a high flow event.

Corrective actions first raised in 2018 remain unresolved.

While not specifically mentioned in this report, LLA was very pleased to hear that a skimmer will be added to the equipment available to the lake crew in 2024. As with the other issues noted above, LLA recommended this addition in 2018. However, when asked last year about this 2024 addition, APCo would not commit to adding the appropriate staff to support this equipment and therefore truly supplement the resources already on the lake, which are not sufficient now to accomplish the purpose and goal of the Plan.

LLA respectfully requests that FERC:

- 1. Pay specific attention not only to the tons removed, but more importantly how those tons relate to the relative size of each lake to better understand the true impact of debris loading on the Leesville Lake stakeholders.**
- 2. Require APCo to provide data to the TRC quantifying their "escalation" efforts in 2023 following high flow events.**

- 3. Require APCo to provide the TRC quarterly updates regarding the Myers Creek Off-Load Site Project, until its completion.**
- 4. Require APCo to provide the TRC with a comprehensive update prior to July 1, 2024, regarding the Pigg River Diversion/Collection Study.**
- 5. Require APCo to provide quarterly updates to the TRC regarding the progress on the skimmer and to address the staffing plans to support its operation.**

This review of the Debris Management 2023 Report looks at the past year and measures the effectiveness of debris management for both lakes. The LLA views last year's efforts as lagging, and unfortunately leaving the lake with a significant amount of debris for much of the late summer / early fall season. The end state was a season in which those wishing to recreate and enjoy the lake were challenged to safely operate any type of boat on the lake.

In looking forward, we have been encouraged by the efforts of Appalachian's barge crew / contractor and the company support in the first months of 2024. Their response to two high flow events has been timely and deliberate, retrieving nearly 1,300 tons in the first two months. Continued response and proactive actions as have been demonstrated recently could have a very positive result for debris management in 2024. We look forward to much improved efforts and effectiveness this year, working together to maintain the aesthetic value and reduce boating hazards / dock damage due to floating debris.

Sincerely yours,



Pamela McMillan
Chair- LLADC
On Behalf of the Leesville Lake Association
PO Box 68
Altavista, VA 24517