



## Lake Anna Reservoir and Waste Heat Treatment Facility (WHTF) Vegetation Management & Herbicide/Pesticide Treatment Policy

Dominion Energy's (DE) policy is to conduct business in an environmentally responsible manner that protects the public, our employees, and the environment. The following standards are intended to protect station operations, public health, ecological health, and recreational use of Lake Anna Reservoir (public) and the WHTF (private) against potentially harmful algal blooms and other environmental impacts. Additionally, these protections will help restore native aquatic grasses and mitigate spread of invasive grasses such as Hydrilla (*Hydrilla verticillata*). Aquatic vegetation has numerous ecological benefits including but not limited to mitigating algae blooms, stabilizing bottom sediment and shorelines, erosion protection from wave energy, reducing and improving muck bottoms, improving fish habitat, and filtering out excess nutrients and waste in the water column.

This document applies to all users of Lake Anna Reservoir and the WHTF and is intended to maximally protect all aquatic vegetation within the respective water bodies, except *Hydrilla* (must be addressed through *Hydrilla* management plan, see **1.c.ii. Integrated Lake Management Plan**, below). The following pages detail restrictions pertaining to aquatic vegetation removal either through physical, biological, or chemical control methods. Landowners shall not treat more than what immediately prevents access to swimming areas, boat docks, and the main water body. Any individual requesting to treat aquatic vegetation must ensure proper identification of the targeted vegetation, provide photographic documentation of substantial impact, acquire approval, and accurately report results. Requirements, application form, and reporting instructions are included below.

### 1. General Requirements

- a. Any chemicals applied to DE shoreline must be:
  - i. Unexpired and approved for aquatic use by Virginia Department of Environmental Quality (DEQ) and Virginia Department of Agriculture and Consumer Services (VDACS)
  - ii. THEN approved through DE (applications must be submitted at least 30 days prior to treatment, see 3.c. below)
  - iii. Notification of treatment (of any method or volume) must then be made to DE Lake Anna Reservoir Coordinator within 30 calendar days leading up to treatment
    1. Notifications must contain a copy of the approved Treatment Application / Report Form (including automatic approvals) and



any information that needs updating (such as date of treatment, applicator name, etc.)

- iv. Applied by a licensed applicator even if it is not required by state/federal regulation
  - v. Used in accordance with manufacturer recommendations
  - vi. Reported within 30 days following treatment (see reporting instructions at end of document)
- b. Physical/mechanical control of invasive vegetation (i.e. *Hydrilla*) must remove and properly dispose of plant material in accordance with state and local guidance (DO NOT leave clippings in the lake or on the shoreline, as this may lead to unintended spread of the plant)
- c. Physical, chemical, or biological removal of aquatic vegetation in Lake Anna and the WHTF must be approved through Dominion Energy via one of the following methods (**all of which require pre-treatment notifications and must be reported to DE**):
- i. **Official Request** (submitted through Reservoir Coordinator)
    - 1. Issued approvals are granted on a case-by-case basis for only exceptional circumstances
      - a. Applies to one-time individual requests and are not applicable to similar or recurring treatments
    - 2. Requests must be submitted via email to the DE Reservoir Coordinator ([devan.m.payne@dominionenergy.com](mailto:devan.m.payne@dominionenergy.com)) or through the online, attached form at least 30 calendar days prior to the intended treatment date.
    - 3. Emailed applications will use the Treatment Application / Report Form (attached) and contain the following as accurately as possible:
      - a. Photographic documentation of impacted area (attach to application)
      - b. Applicant's name and address
      - c. Method of vegetation control (i.e. physical removal or chemical treatment)
      - d. Species of vegetation to be treated
      - e. Purpose of vegetation control
      - f. Licensed applicator's name and address
      - g. Name and volume of product to be used (if chemical application)
      - h. Intended date(s) of treatment



- i. Dimensions of area to be treated
- j. Coordinates of area to be treated

**ii. Integrated Lake Management Plan**

- 1. Used for organizations to develop environmental monitoring and remediation frameworks to achieve ecosystem-level results
  - a. Consult Reservoir Coordinator and External Affairs for more information

**2. Reporting Instructions**

- a. An updated report form of completed vegetation control activities (physical, chemical, etc.) must be submitted to the DE Reservoir Coordinator within 30 days following treatment.
- b. A single report should be submitted for each approval issued
- c. A collective report may include information from multiple vegetation control activities if multiple iterations or sites are allowed under the original approval
- d. Each report should be submitted via email using the attached template:



**Treatment Application / Report Form** (Lake Anna and WHTF Vegetation Control)

- INCLUDE THIS COMPLETED FORM WITH THE INITIAL APPLICATION AT LEAST 30 DAYS PRIOR TO TREATMENT
- ATTACH IMAGE OF IMPACTED AREA TO APPLICATION EMAIL (JPEG, PDF, etc.)
- UPDATE AND SUBMIT THIS FORM AS A FINAL REPORT WITHIN 30 DAYS FOLLOWING TREATMENT
- SUBMIT TO: **Devan Payne, Lake Anna Reservoir Coordinator @ [devan.m.payne@dominionenergy.com](mailto:devan.m.payne@dominionenergy.com)**

Is this a Treatment Application or Final Report?	Application	Report
Applicant Name (Last, First) and Organization (if applicable)		
Date		
Applicant's Home Address		
Method of Vegetation Control (Physical, Chemical, etc.)		
Species of Vegetation to be Treated		
Purpose of Vegetation Control		
Name / Address of Licensed Applicator and Company		
Commercial Name of Treatment Product or Equipment		
Volume of Treatment Product (include unit of measurement)		
Date(s) of Application		
Dimensions of Treatment Area in Feet (L' x W')		
Coordinates of Treatment Area (Decimal degrees)		

APPROVED AND SIGNED BY (FOR USE BY DOMINION ENERGY)	
Lake Anna Reservoir Coordinator	
North Anna Station Chemistry	
Corporate Biology	