



## Puraflo® Peat Fibre Biofilter

### Virginia: Replacing Peat Media

*(Note: The life of Puraflo® peat media is estimated to be proximally 15 years when the system is installed and operated properly. Replacing media without correcting potential problems may lead to a shorter lifespan.)*

#### **Needed:**

- 1 Request Repair Permit, if required by local Health Department.
- 2 Licensed Installer or Service Provider to oversee changing out of peat media.
- 3 Bord na Mona Trainer or Replacement trained professional to oversee installation if needed.
- 4 Composite testing and Paint Filter testing of spent media before removing peat
- 5 Contact Deposal site (landfill) and send paper work and testing results. Each landfill requires different testing and paper work. Call Bord na Mona for requirements.
- 6 Contact Deposal site (landfill) and secure Date, Time, and Payment
- 7 50 lbs of lime to stabilize spent peat from each modules
- 8 Backhoe, skid loader, or other equipment to lift 1500 lbs. of peat / transport modules.
- 9 Equipment to remove peat from Modules by hand or shoveling.
- 10 Two workers with pitchforks & shovels.
- 11 Water Tight container or truck for transporting to landfill
- 11 Two ½" wrenches, shovels and forks, water hose, wet vacuum, power cord.
- 12 1" and 1.25" PVC union or coupling (one per module), saw, primer, & glue.
- 13 Water and power source to reach module area.
- 14 50 lbs. (four 5 gal. buckets full) of clean septic stones or 1 inch gravel per module to fill bottom of module.
- 15 Replacement media from Bord na Móna (2.25 meters<sup>3</sup> peat or 1.25 cubic bags per module).

#### **Process:**

1. Cut pump off for 24 to 48 hours before replacement.
2. Remove lids.
3. Shovel out all peat media (Must not have standing water). Add lime as spent media is being removed.
4. Clean or Wet vacuum very bottom for finial cleaning.
5. Remove grid if needed. (cut on horizontal piping)
6. Ensure that all drain holes are open & flowing (trench type system will have two open holes on one side & two plugged holes on the other).
7. Run pump to ensure that inlet piping is open.
8. Place 200 lbs. + of 1 inch gravel over outlet holes and around module drain channels.
9. Place peat media in modules up to 2<sup>nd</sup> step (1/2 bag) and walk on it to pack it.
10. Place peat media to grid level (1/2 bag) and walk on it to pack it.
11. Replace grid, (slide under center bar if needed, bar and spring over back bar) glue together with 1 ¼ inch union or coupling, ensuring that the grid is strapped to cross bars with stainless steel straps and level (do not cover grid until all grids are in and checked)
12. Run pump and insure all grids are receiving same amount of water and evenly dispersing water over media (pushes or pulls bars to level grid).
13. Place peat media to 6 inches above grid (1/4 bag) and level out. DO NOT step on grid.
14. Replace lids (bolt one side down at a time). Use crowbar if needed to fix lid.
15. Perform draw down test & verify that the control panel is set properly.

**Paper work and testing required at SPSA landfills.**

- 1 Signed agreement with SPSA Landfill (page 3)
- 2 Completed Credit Application with SPSA Landfill
- 3 Certification letter on Company Letter Head that spent media is Lime Stabilized.
- 4 Comply with SPSA Landfill Requirements (page 4)



**Southeastern Public Service Authority of Virginia**  
**APPLICATION FOR DISPOSAL OF SPECIAL WASTE**

Chuck Harrell  
 Landfill Superintendent  
 Southeastern Public Service Authority  
 1 Bob Foeller Drive, Suffolk, VA 23434  
 Ph: 757 539-9373 ext. 302 Fax: 757 539-9379

**Regional Landfill**

The Regional Landfill began operation in January 1985. Approximately 4,000 tons of waste are received daily at the 833 acre site with 170 acres of permitted landfill area.

**Landfill Operations**

- Solid waste spreading and compaction
- Geocomposite clay liner (GCL)
- Synthetic liner
- Force main and pumping station utilization
- Landfill gas recovery and power plant
- Leachate collection and aeration

**Equipment**

- Solid waste compactors
- Excavators
- Dozers
- Articulated haulers
- Wheel and backhoe loader
- Wheel tractor
- Service truck
- Alternative daily cover sprayer

**On-Site Operations**

- Ferrous metal recycling
- Tire shredding
- Used oil recycling
- Household hazardous waste collection
- Used battery collection
- Soil remediation

**Hours of Operation**

- Monday - Friday, 7:30 a.m. - 4:00 p.m.
- Saturday, 7:30 a.m. - 12:00 noon
- Residential household waste accepted Monday - Sunday 7:00 a.m. to 5:00 p.m.
- Closed holidays
- Hours subject to change

For more information, call Public Information at (757) 420-4700 or the 24-hour information line at (757) 424-4297, or visit our website at [www.spsa.com](http://www.spsa.com).

SPSA is a political subdivision of the State of Virginia and serves the solid waste management needs of Chesapeake, Franklin, Isle of Wight, Norfolk, Portsmouth, Southampton, Suffolk and Virginia Beach.

SPSA's mission is to manage and operate safe, cost effective and environmentally responsible solid waste collection, processing and disposal programs and facilities for the mutual benefit of the citizens, businesses, and institutions in the member communities. This mission is accomplished through the shared values of integrity, commitment, excellence, caring and competitiveness.

**Southeastern Public Service Authority**

Regional Landfill  
 1 Bob Foeller Drive  
 Suffolk, VA 23434  
 (757) 539-9373

Boykins Transfer Station  
 State Route 671  
 Boykins, VA 23827

Chesapeake Transfer Station  
 901 Hollowell Lane  
 Chesapeake, VA 23320  
 (757) 547-1114

Field Operations Headquarters  
 4 Victory Boulevard  
 Portsmouth, VA 23702

Franklin Transfer Station  
 State Route 671  
 Franklin, VA 23851  
 (757) 569-8018

Isle of Wight Transfer Station  
 State Route 620  
 Smithfield, VA 23397  
 (757) 357-7815

Ivor Transfer Station  
 U.S. Route 460  
 Ivor, VA 23866

Landstown Transfer Station  
 1825 Concert Drive  
 Virginia Beach, VA 23456  
 (757) 468-3382

Norfolk Transfer Station  
 3136 Woodland Avenue  
 Norfolk, VA 23504  
 (757) 623-6610

Oceana Transfer Station  
 2025 Virginia Beach Boulevard  
 Virginia Beach, VA 23462  
 (757) 491-2265

Power Plant  
 3809 Elm Avenue  
 Portsmouth, VA 23704  
 (757) 393-3100

Recycling Office  
 921 Professional Place  
 Chesapeake, VA 23320  
 (757) 548-2256

Refuse Derived Fuel Plant  
 4 Victory Boulevard  
 Portsmouth, VA 23702  
 (757) 393-3100

Regional Office  
 723 Woodlako Drive  
 Chesapeake, VA 23320  
 (757) 420-4700

Yard Waste Processing Facility  
 1991 Jake Sears Road  
 Virginia Beach, VA 23464  
 (757) 424-4631



**SOUTHEASTERN PUBLIC SERVICE AUTHORITY**  
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Southeastern Public Service Authority of Virginia  
APPLICATION FOR DISPOSAL OF SPECIAL WASTE

Date: \_\_\_\_\_

Applicant's Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip Code: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Title: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Is applicant the waste generator? Yes \_\_\_\_\_ No \_\_\_\_\_

If no, provide name, address and contact for the waste generator below.

Generator's Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact: \_\_\_\_\_ Phone: \_\_\_\_\_

Description of Special Waste

Identify waste (include chemical names if applicable): \_\_\_\_\_

Origin of Waste (Address): \_\_\_\_\_

Source of Waste (Describe process): \_\_\_\_\_

Frequency of Disposal (Circle one): One-time \_\_\_\_\_ Ongoing \_\_\_\_\_

If ongoing, how often? (Circle one): Daily \_\_\_\_\_ Weekly \_\_\_\_\_ Monthly \_\_\_\_\_ Quarterly \_\_\_\_\_ Other \_\_\_\_\_

Transporter Name: \_\_\_\_\_

Transporter Contact: \_\_\_\_\_ Phone: \_\_\_\_\_

Please note the following waste acceptance criteria:

1. Special wastes are accepted for disposal at SPSA's Regional Landfill only.
2. Hazardous waste, regulated medical waste, PCB waste and other unauthorized waste are not accepted for disposal at any SPSA facility.
3. Special waste may require prior approval from the Department of Environmental Quality.
4. If required, reports of analysis of the waste material must accompany this application.
5. SPSA reserves the right to reject any waste not meeting its criteria for acceptance.
6. Knowingly disposing of hazardous or regulated waste in an improper manner is illegal and is punishable by fines or imprisonment.

I have read and understood the above waste acceptance criteria and I hereby certify that the waste covered by this application is not a hazardous waste, regulated medical waste, or an otherwise unauthorized waste.

Applicant Typed or Printed Name: \_\_\_\_\_

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_