

### **APPLICATION**

- 1. Tire chips are approved by the Virginia Department of Health (VDH) and the Virginia Department of Environmental Quality (DEQ) for use as course aggregate in non-proprietary subsurface absorption fields and may be substituted for stone aggregate on a one-on-one basis volumetrically.**
- 2. Trenches design, installation and location are to remain unchanged. Untreated building paper or a geotextile (synthetic) fabric cover shall be use to cover the tire chips before backfilling.**
- 3. Each installation must have a valid VDH permit; must be authorized by the property owner and certified by VDH and the installation contractor using the 4 part VDH-DEQ Certification of Use of Tire Chips in a Residential Septic Drainfield.**
- 4. Propriety systems and systems designed by a professional engineer are not automatically authorized for use of tire chips. Changes to the aggregate must be approved in writing by either the manufacturer or the professional engineer, prior to approval.**

### **CHIP SPECIFICATIONS**

- 1. Chips are to be a nominal 2 inches in size and may range from one-half (2) to a maximum of four (4) inches in any one dimension.**
- 2. Exposed wire may protrude no more than one-half (2) inch from the chip.**
- 3. At least 95% of the aggregate by weight shall comply with the above specifications.**
- 4. Fines, defined as any material less than 2mm in size, are prohibited.**

**Note:** For questions concerning the septic installation, contact the local VDH environment health specialist. For questions on tire chips and potential suppliers, please contact the Waste Tire Program at (804) 698-4210.