

## Traps (Hair, Lint, Solids)

### Bulletin B6

This bulletin is designed to assist you in submitting the required documentation for hair, lint, or solids traps in support of a Pretreatment Review Application for Pierce County. It contains information on the steps, requirements and resources available to you through your application process.

This document is only a guide and is not a replacement or revision of the Pierce County Code and associated sewer design and construction standards.

### How do I find and submit the forms I need?

Download standard plans and forms at [PierceCountyWa.gov/SewerFormsAndPlans](https://PierceCountyWa.gov/SewerFormsAndPlans).

Submit PDF copies of the plans, engineering reports, and specifications with this application at [PierceCountyWa.gov/Permit](https://PierceCountyWa.gov/Permit). If you have questions, please contact us at (253) 798-7202.

### Why am I required to install a trap?

Existing and proposed Pierce County Sewer Division commercial customers/tenants with a discharge that includes hair, lint, glass, sand or other fibrous or granular solids that could settle out and deposit in the sewer system are required to install a trap to contain them on site.

### Per Pierce County Code 13.06.050.B Specific Prohibitions:

“No user shall introduce or cause to be introduced into the POTW the following pollutants, substances, or wastewater:

4. Solid (greater than 1/4” in any dimension) or viscous substances which will or may cause obstruction to the flow in a sewer or other interference with the operation of the POTW;
5. ...hair, ...ashes, sand, spent lime, stone or marble dust, metal, glass,...wood, plastic,...clay materials, glass grinding and polishing wastes in amounts that would adversely affect the POTW or the treatment plant effluent, residues or biosolids...”

### What kind of information do I need to submit about the trap?

You must indicate the location, make, model, and size of the appropriate trap on your floor/plumbing plan (see [Bulletin B4](#)) and submit it with the appropriate Pretreatment Review application.

Depending on the trap that you choose, you may have to submit two sets of catalog cut sheets and supporting sizing data.

The traps must be cleaned regularly, and trapped waste disposed in a proper solid waste receptacle (or to an approved disposal site, if required).

Traps must be plumbed into the system. Removable screens are typically not acceptable in lieu of plumbed traps.

## Are there any pre-approved traps I can use?

Yes, if one of these approved devices listed below is installed, then additional information about the trap may not be needed and a detailed review of the device may not be required.

However, if another device is proposed, you must submit two sets of catalog cut sheets and supporting sizing data along with the Pretreatment Review application for our review and approval

Type of Fixtures and Users	Pre-approved devices
<p><b>Shampoo Bowls in Hair Salons</b> (To be installed on each Shampoo Bowl)</p>	<ul style="list-style-type: none"> <li>• Marble Products No. 1701 "Catch-all" Hair Trap</li> <li>• Salon Sink PVC Hair Trap #330</li> </ul>
<p><b>Pet Grooming sinks or tubs</b> (To be installed on the discharge line for each washing sink or tub)</p>	<ul style="list-style-type: none"> <li>• PetLift Plastic Pet Hair Trap (PL5000)</li> <li>• PetLift Zurn Hair Trap Model 650</li> <li>• PetLift Plastic Hair Trap Model 600</li> <li>• PetLift Watts hair trap (Model #A41-S1750)</li> </ul>
<p><b>Residential Grade Washing Machines used in commercial buildings</b> (To be installed in line with the discharge hose of each washing machine)</p>	<ul style="list-style-type: none"> <li>• Filtrol 160 Lint Trap used in a commercial building</li> <li>• Lint-LUV-R Lint Trap</li> </ul>
<p><b>Commercial Grade Washing Machines</b> (These devices require submittal of sizing data and written confirmation that the correct size unit will be installed)</p>	<ul style="list-style-type: none"> <li>• Zurn Z-1185 Lint Interceptor (sized for the number of Washing Machines to be plumbed to it)</li> <li>• Jay R Smith 8910 Lint Interceptor (sized for the number of Washing Machines)</li> </ul>
<p><b>Sinks in art rooms or studios with ceramics/kilns (Clay trap)</b> <b>Sinks in Dental labs (Plaster Molds)</b> <b>Doctor's Plaster Casting Area, etc.</b> (Applicant to provide data to verify correct size will be installed)</p>	<ul style="list-style-type: none"> <li>• Gleco Trap GT-19, GT-64, GT-32-C, GT-43-C, GT128-C (sized as needed for efficient maintenance)</li> <li>• Zurn Z-1180 Z-1181 Solids Interceptor (sized by the number and size of the sinks being served)</li> </ul>
<p><b>Drains from mud rooms, washdown areas, etc. in commercial facilities</b> (These devices will still require submittal of sizing data and written confirmation that the correct size unit will be installed.)</p>	<ul style="list-style-type: none"> <li>• Zurn Z-1187 Sand and Sediment Interceptor Per the manufacture "The sizing of this interceptor is generally based upon the expected amounts of solids and waste to be retained."</li> <li>• Zurn Z-1187-SI Sand Interceptor Per the Manufacture "The sizing of this interceptor is generally based upon the expected amounts of solids and waste to be retained."</li> <li>• Jay R Smith 8811 Sand Interceptor</li> <li>• Jay R Smith 8817 Sand and Sediment Interceptor</li> </ul>