Traps
(Hair, Lint, and Solids)

This bulletin has been designed to assist you in submitting the required documentation for hair, lint, and/or solids traps in support of a Pretreatment Review Application for the Pierce County Sewer Utility Division. It contains information on the steps, requirements, and resources available to you through your application process. This document is a guide only and should not be misconstrued as a replacement or revision of the Pierce County Code and associated Sewer Utility design and construction standards.

Why am I required to install a trap?

Existing and proposed Pierce County Sewer Utility 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 will be 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 Plan 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 are to be cleaned regularly and the trapped waste disposed of to a proper solid waste receptacle (or to an approved disposal site, if required).

Traps are to be plumbed into the system. Removable screens are typically not acceptable in lieu of plumbed traps.
**Are there any pre-approved traps that I can use?**

Yes, if one of these approved devises 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.

<table>
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<tr>
<th>Type of Fixtures and Users</th>
<th>Pre-approved device(s)</th>
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| Shampoo Bowls in Hair Salons (To be installed on **each** Shampoo Bowl) | • Marble Products No. 1701 “Catch-all” Hair Trap.  
• Salon Sink PVC Hair Trap #330. |
| Pet Grooming sinks or tubs (To be installed on the discharge line for **each** washing sink or tub) | • Petlift Plastic Pet Hair Trap (PL5000).  
• Petlift Zurn Hair Trap Model 650.  
• Petlift Plastic Hair Trap Model 600. |
| Residential Grade Washing Machines used in commercial buildings (To be installed in line with the discharge hose of **each** washing machine) | • Filtrol 160 Lint Trap used in a commercial building |
| Commercial Grade Washing Machines (These devices will require submittal of sizing data and written confirmation that the correct size unit will be installed) | • Zurn Z-1185 Lint Interceptor (sized for the number of Washing Machines to be plumbed to it)  
• Jay R Smith 8910 Lint Interceptor (sized for the number of Washing Machines) |
| Sinks in art rooms or studios with Ceramics/kilns (Clay trap), Sinks in Dental labs (Plaster Molds), Doctors Plaster Casting Area, etc. (Applicant to provide data to verify correct size will be installed) | • Gleco Trap GT-19, GT-64, GT-32-C, GT-43-C, GT-128-C (sized as needed for efficient maintenance)  
• Zurn Z-1180 Z-1181 Solids Interceptor (sized by the number and size of the sinks being served) |
| Drains from mud rooms, washdown areas, etc. in commercial facilities. (These devices will still require submittal of sizing data and written confirmation that the correct size unit will be installed.) | • 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.”  
• 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.”  
• Jay R Smith 8811 Sand Interceptor.  
• Jay R Smith 8817 Sand and Sediment Interceptor. |
Where can I get the forms that I need?

Sewer Utility Division Standard Plans and Forms can be downloaded in PDF format from the following webpage: [www.piercecountywa.org/sewer](http://www.piercecountywa.org/sewer)

Completed applications and fees (make checks out to Pierce County) must be delivered in person to:
Pierce County Sewer Utility – Permits
2401 South 35th Street, Room 150
Tacoma, WA 98409-7494

Or mailed to:
Pierce County Sewer Utility – Engineering
9850 - 64th Street West
University Place, WA 98467-1078

If you have any questions, please contact either:

A Sewer Utility Permit Technician at (253) 798-2737, or
A Sewer Utility Engineer at (253) 798-4050