

What's the big deal?

Collection Systems (sewer) and Wastewater Treatment Plants (WWTP) are designed to transport and treat certain types of wastewater. Sometimes it just isn't appropriate (or legal) to flush a particular liquid or solid down the drain. Not only does this practice endanger the environment, but it can also endanger the lives of Town citizens and employees. A series of brochures has been developed to educate specific industries on the proper disposal of various wastewaters they might generate.

Additional Agencies to Contact for Assistance:

NC Division of Waste Management
(deq.nc.gov)

NC Division of Environmental Assistance & Customer Service
(deq.nc.gov)

Watauga County Sanitation Office
(264-5305)

Acknowledgements: Georgia Institute of Technology
Illinois EPA
NCDENR
US EPA

Contact the Pretreatment Section for more information

Pretreatment Section
PO Drawer 192
Boone, NC 28607



Phone: 828-268-6270
Fax: 828-268-6279
www.townofboone.net

Town of Boone



For the automotive repair shop



Pollutants of Concern

Used and new oil

Antifreeze

Brake Fluid

Fuels

Paints

Grit blast media

Residues from tools, parts, equipment

Battery acid

Hot tank solutions

Transmission fluid

Solvents (like some brake cleaners, parts washers, carburetor cleaners, thinners)

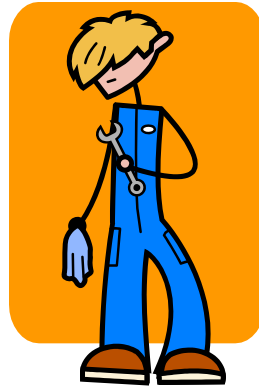
How Shops Can Help

Recycle the wastes

Treat wastewater on-site and reuse the treated water (reduces your water bill)

Reduce in-shop travel distance for liquids & use funnels, pumps, drip racks & pans (less cleaning time & product loss)

Wire-brush or centrifuge dirty parts first



Implement a preventative maintenance plan to detect leaks early

Plug or protect drains from spills, both large and small

Use rags, kitty litter or other absorbents to clean up spills immediately

Encourage drip-free work by rewarding employees with the cleanest work area

Pretreatment Info

Pretreatment: The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater prior to or in lieu of discharging or otherwise introducing such pollutants into a POTW (collection system and WWTP).

Typical Pretreatment in Shops

Good housekeeping, chemical substitutions, proper hazardous waste management, oil-water separator, centrifuge, sludge drier, on-site waste/wastewater recycling, etc.

Each facility is unique, and will have its own pretreatment options/needs. Please contact the Pretreatment Section for further assistance.



Prevention is the key to success!