



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.

**Contact the
Pretreatment Section
for more information**

Additional Agencies to Contact for Assistance:

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

NC Division of Pollution Prevention and Environmental Assistance
(deq.nc.gov)

Watauga County Sanitation Office
(264-5305)

Acknowledgements: City of Albuquerque, NM
INFORM
NCDENR
US EPA

Pretreatment Section
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Town of Boone



Wastewater Disposal Considerations

**For
Schools**



Pollutants of Concern

Solvents

Acids

Alkalis

Heavy metals

Various process chemicals

Cyanide

Oil

Fats, oils & grease

Excessive solids

Archaeology, Art, Biology, Chemistry, Family and Consumer Sciences, Nursing, Technology, Theatre & Dance, Vocational Education, cafeteria & maintenance activities may generate these & other incompatible wastewaters. Please be aware of proper pretreatment & disposal practices for wastes poured down the drain!

How Schools Can Help

Use funnels, pans, & drip racks

Plug or protect drains from spills

Educate students & instructors on proper disposal

Install pretreatment equipment

Manage hazardous wastes properly



Request Wastewater Disposal Considerations pamphlets from the Town:

for the Automotive Repair Shop

for Boiler & Cooling Tower Operator

for Dental Practices

for Garment Cleaners

for Human & Animal Healthcare Provider

for Interior, Carpet & Upholstery Cleaner

for Photo Processors

for Print Shops

Fat, Oil & Grease Prevention Program

When in doubt, contact the Town for permission to drain specific wastes

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 Schools

Good housekeeping, chemical/product substitution, proper hazardous waste management, silver recovery unit, oil-water separator, grease interceptor/trap, 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!