

Lake County Department of Public Works

List of Approved Grease Removal Systems and Sampling Stations

The following lists Manufacturers of Grease Removal Systems and Sampling Stations. This list is provided as a service to the food service establishments by the Lake County Public Works Department and does not constitute an endorsement of any company listed on the following pages.

The Lake County Public Works Department will accept grease removal units, other than those specified in this document, providing that the grease removal unit satisfies all criteria outlined in the County Sewer Use Ordinance and the Variance Procedure is properly followed.

The following is a list of Passive Interior Device (PID) and Passive Exterior Device (PED) manufacturers and the acceptable model numbers. These devices recover and remove oils and grease from the effluent waste stream. The oils and grease recovered are manually pumped and can be recycled or disposed of in solid waste.

Zurn Green Turtle

2709 Water Ridge Parkway Suite 410
Charlotte, NC 28217
(704) 295-1733
www.greenturtletech.com

Acceptable Models

Proceptor®

All GMC Models between
GMC500- GMC1500
*GMC250 (Min Interior)

Schier Products

9500 Woodend Road
Edwardsville, KS 66111
(913) 951-3399
www.schierproducts.com

Acceptable Models

Great Basin Models
GB500 – GB1000
Big Foot Models
GGI750- GGI1500
*GB250 (Min Interior)

* Requires a variance for interior applications.

The following is a list of Sampling Station manufacturers and the acceptable model numbers.

Schier Products

9500 Woodend Road
Edwardsville, KS 66111
(913) 951-3399
www.schierproducts.com

Acceptable Models

Exterior: SV24-L4, SV24-L6,
SV24-O4, SV24-O6
Interior: SV4-L4, SV4-L6,
SV4-O4

Automatic Recovery Devices

Thermaco
PO Box 2548
Asheboro, NC 27204
885-471-2091
www.thermaco.com

Acceptable Models

Big Dipper
Contact mfg. for sizing

Concrete Grease Basins

Lake County Public Works shall accept a concrete basin provided it is lined with an approved biogenic corrosion resistant liner or an approved concrete additive listed below:

- Raven Lining Systems #405
- Concrete Additive Sealant, "ConBlock MIC" Anti-Microbial Protection.
- Concrete Additive "ConShield HD" bio-tech armor
- Xypex Concentrate

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To prevent corrosion and premature failure from low pH and hydrogen sulfide producing bacteria, an approved concrete additive shall be added to the concrete in accordance with the manufacture's application and mixing specifications. Or the interior surfaces shall be coated with an approved lining system.

The manufacture shall provide documentation at the time of delivery indicating the lining system or concrete additive used in the construction of the basin.

Lake County Public Works is open to proposed lining alternatives, or concrete additives that will extend the life of a concrete basin and prevent corrosion.

Submit your grease trap details and drawings to the Lake County Public Works Engineering Department for approval. Architectural or civil plans shall include the plumbing schedules, water and waste lines, grease trap location, and inspection manhole.