



GNHWPCA Grease Trap/Interceptor Installation Requirements

Food Preparation Establishments (FPE's) that discharge wastewater to the Greater New Haven Water Pollution Control Authority (GNHWPCA) system must comply with the State of Connecticut's Department of Environmental Protection (DEP) "General Permit for the Discharge of Wastewater Associated with Food Preparation Establishments" that became effective September 30, 2005.

The CT general permit seeks to reduce Fats, Oils, and Grease from entering the public wastewater system from Class III or IV food service establishments through the use of:

- Outdoor In-Ground Grease Trap/Interceptor (1,000 gallon minimum), or
- Automatic Grease Recovery Unit (AGRU)

There are other requirements for Class III and IV FPE's that are defined in the State of Connecticut General Permit.

All FPE's were required to comply with this permit by July 1, 2011.

The following are requirements of the GNHWPCA:

1. Prior to installation:

In-ground Grease Trap/Interceptor:

Engineering drawings (site plans and/or utility plans showing the connection to the sewer and the location of the grease trap/interceptor) prepared and signed by the FPE's CT licensed professional engineer must be submitted to the GNHWPCA Engineering Department for review and approval. The FPE is also required to submit sizing calculations demonstrating that the unit chosen is adequate for the FPE's use.

A GNHWPCA permit will be required for the installation of an in-ground grease trap/interceptor.

The GNHWPCA requires the installation of a backwater valve and a cleanout downstream from the grease trap/interceptor. Grease trap/interceptor shall be installed on 8" of bedding material, Item 305, per GNHWPCA Standards.



1. Prior to installation: (continued)

Automatic Grease Recovery Unit (AGRU):

The FPE is required to submit sizing calculations for review by the GNHWPCA's Industrial Pretreatment Department (IPP) Coordinator. The sizing calculations must be consistent with the Fixture-Based Method found in the Connecticut Department of Environmental Protection's Sizing Criteria, and may be prepared by the AGRU's distributor. The IPP Coordinator may require additional documentation such as a floor plan.

The installation must include a sampling port located after the AGRU so that a GNHWPCA IPP inspector can take representative samples of the wastewater flow from the AGRU. It is recommended that arrangements be made for the plumber who will install the AGRU to meet with one of the GNHWPCA IPP Inspectors to discuss the requirements before the work starts.

1. Post-installation inspection:

Once the grease trap/interceptor or AGRU has been installed, a GNHWPCA IPP inspector will visit the establishment to verify that the equipment installed matches what was described in the submitted documentation. The inspector may also review the operation of the AGRU with those responsible for maintaining it.

2. Acceptance:

Once inspected by the GNHWPCA, and no discrepancies in the installation are found, the GNHWPCA IPP Coordinator will recommend to the GNHWPCA Director of Operations that the installation be accepted as compliant with regulatory requirements. Copies of the signed verification form will be provided to the FPE and the local health department.

Local health departments will not approve a FPE's Food Service Application until they have received verification from the GNHWPCA that the FPE is in compliance with the general permit.

Note:

- a. The GNHWPCA does not size or approve grease trap/interceptors or AGRUs. After reviewing the submitted documentation, the GNHWPCA only acknowledges that the equipment has been appropriately sized by the owner or its representative.
- b. The GNHWPCA does not give advice on or give approval for plumbing.
- c. Building Inspectors, Plumbing Inspectors and Health Inspectors do not approve grease trap/interceptors or AGRUs.



Links for more information:

GNHWPCA Sewer Ordinance: www.gnhwpc.com

CT DEP General Permit for the Discharge of Wastewater Associated with Food Preparation Establishments:

www.ct.gov/dep/lib/dep/Permits_and_Licenses/Water_Discharge_General_Permits/food_prep_establishment_gp.pdf

CT DEP Food Preparation Establishment's Guide To The General Permit For The Discharge of Wastewater Associated with Food Preparation Establishments and the CT DEP Food Preparation Establishment's Guide To Disposal of Animal Fat and Cooking Oil:

www.ct.gov/dep/lib/dep/water_regulating_and_discharges/industrial_wastewater/resourceguide.pdf

GNHWPCA Contacts:

Industrial Pretreatment Coordinator:

Jesse Whittemore
Industrial Pretreatment Coordinator
CH2M HILL OMI
345 East Shore Parkway
New Haven, CT 06512
Tel: 203-466-5277, ext. 274
Cell: 203-410-1629
Fax: 203-466-5287
jesse.whittemore@ch2m.com

Industrial Pretreatment Inspectors:

Art Hackenberg or Jerry Schontag
Tel: 203-466-5277, ext. 285

Permits:

Rick Hurlburt, Sewer Superintendent
Tel: 203-466-5263
rhurlburt@gnhwpc.com

Project Engineer:

Ricardo Ceballos, PE
Tel: 203-466-4122
rceballos@gnhwpc.com

Automatic Grease Recovery Unit (AGRU) Contact List:

Thermaco Big Dipper (www.big-dipper.com)

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| <p>Mitch Baser Diversified Sales Company 20 Spring Valley Road Woodbridge, CT 06525 Tel: (203) 393-2020 Fax: (203) 393-3896 divsale@aol.com</p> | <p>Mike Fleming Diversified Sales Company 24 Red Cedar Lane Middletown, CT 06457 Tel: (860) 347-0272 Fax: (860) 347-0272</p> |  |
| <p>Bender Plumbing Supplies 335 East Street, New Haven, CT Tel: 203-787-4288 Fax: 203-789-1699</p> | <p>Sanitrol Services Samantha Schannon Cell: 203-823-8082 Tel: 203-315-3202</p> | |


Jay R. Smith Mfg. Co. - Grease+Gard® Grease Recovery Device (GRD)

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| <p>HALSTEAD & ASSOCIATES, LLC. Todd Halstead/Principal 12 Eastern Park Rd. East Hartford, Connecticut 06108-1105 TEL: (860) 648-1593 FAX: (860) 648-2393 e-mail: info@halsteadandassociates.com</p> |  |
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Highland Tank/Lowe Engineering - Grease Stopper Automatic Grease interceptor

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| <p>Michael Gauthier Sales Engineer 108 Londonerry Turnpike Auburn, NH 03032 Tel: (603) 647-6646 Fax: (603) 315-7465 mgauthier@highlandtank.com http://www.highlandtank.com/</p> |  |
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Goslyn Grease Recovery Device

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| <p>Mark Winik EcotechGroup USA Managing Director Direct 203-887-9060 office 203-481-4933 Email: ecotechgroupusa.com</p> |  |
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AGRUs shall be certified by a recognized third party testing agency for conformance to ASME/ANSI standards A112.14.3 and A112.14.4

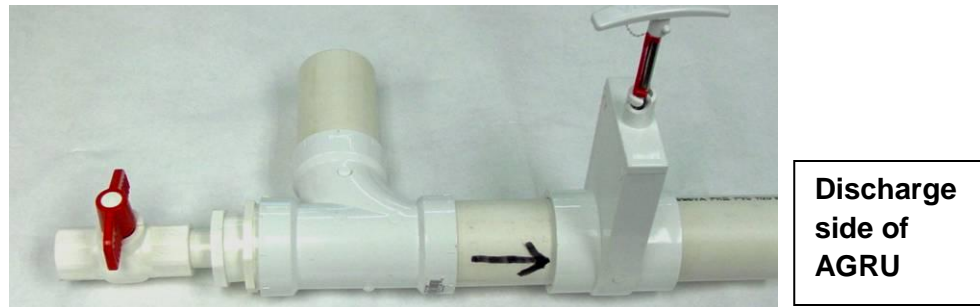
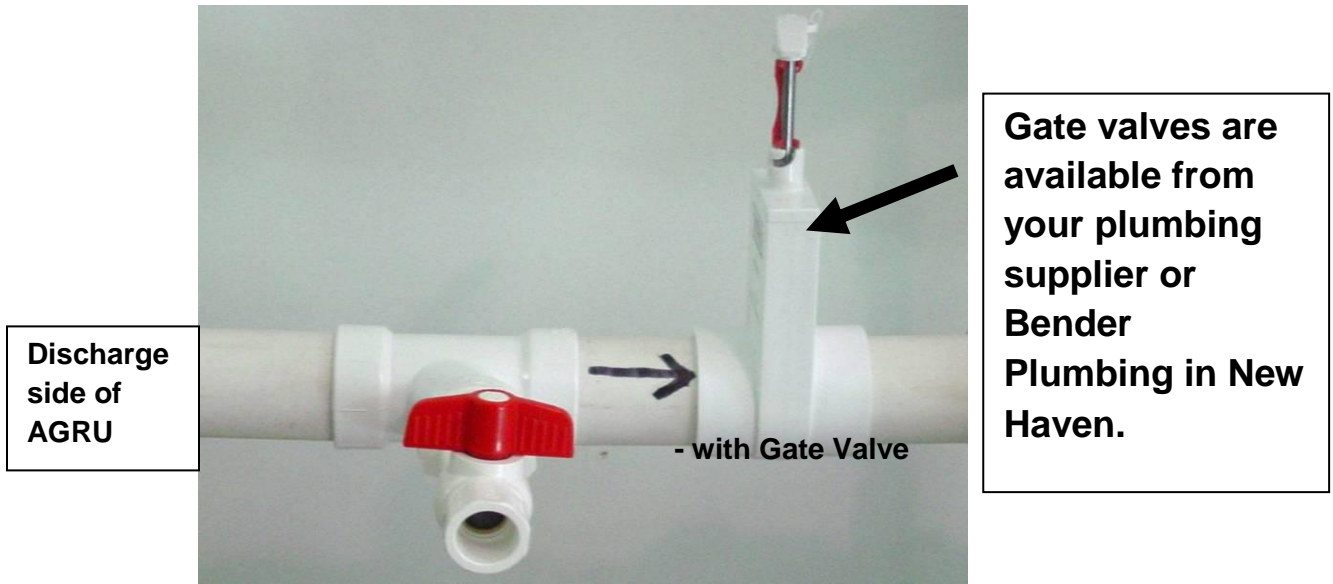
| Renderers: | |
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| Western Mass. Rendering Co., Inc. 94 Foster Road Southwick, MA 01077 Paul Colson, Sales Tel: 413-569-6265 Fax: 413-569-6512 | Restaurant Technologies Inc. (RTI) 672 Tolland Street East Hartford, CT 06108 Tel: 888-796-4997 |

Contacts for Collecting FOG From and Maintaining the AGRUs:

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| Samantha Schannon | Sanitrol 2400 Foxon Road North Branford, CT 06471 | Tel: 203-315-3202 Cell: 203-823-8082 |
| Len Paoella | Shoreline Industries | 203-871-3000 |
| Ken Post | Post Industries | 203-261-1800 |
| | Nustone Industries, Inc. 285 State Street, Suite 7 North Haven, CT 06473 | 800-996-8786 / 203-288-7481 |
| Jim Throwe | Vans Sewer & Septic LLC 678 Sullivan Avenue South Windsor, CT 06074 | 860-289-0095 |



Typical Installation of Sampling Valves



Also make sure the flow restrictor is installed (on the inlet side of the AGRU)



