

Grease in Pipes





Pretreatment's Three Legged Stool

The Good, The Bad and How to Improve

W. C. (Bill) Batten
58 Patents

38 Years of Industry Knowledge



Dangerous?



Dangerous?

Your FOG program:

- Is not as good as you think
- There are Forces Pushing Against You

Your World is:

- Based on Initial Installation
- Less so how it is maintained

Your World is:

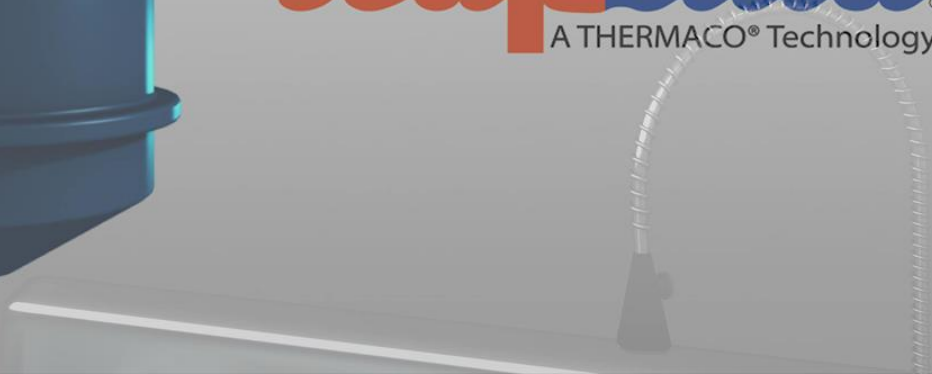
- Woefully inadequate to influence how your customer's staff operate their Food Service Establishments

Your World is:

- Lacking in beneficial network connections to feed you information and to execute on your pretreatment objectives



Trapzilla[®]
A THERMACO[®] Technology



Gravity Grease Interceptor (GGI)



FIG. 1

Hydromechanical Grease Interceptor (HGI)

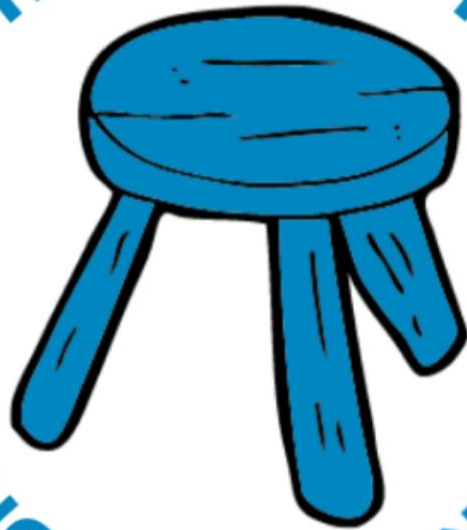


Automatic Grease Interceptor (AGRU)



Goslyn Environmental Systems

TECHNOLOGY

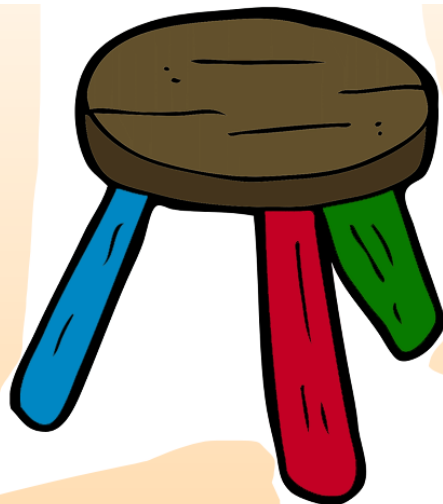


SERVICING

MANAGEMENT

Degrees of Control In Pretreatment's Three-Legged Stool

MAX. CONTROL:
GREASE MGMT
TECHNOLOGY



Measured by:
Separation efficiency
Grease retention Capacity
Longevity

Includes:
AGRUs
HGLs
GGIs
Others

Degrees of Control In Pretreatment's Three-Legged Stool

SOME CONTROL: SERVICE &
MAINTENANCE PRACTICES

Measured by:

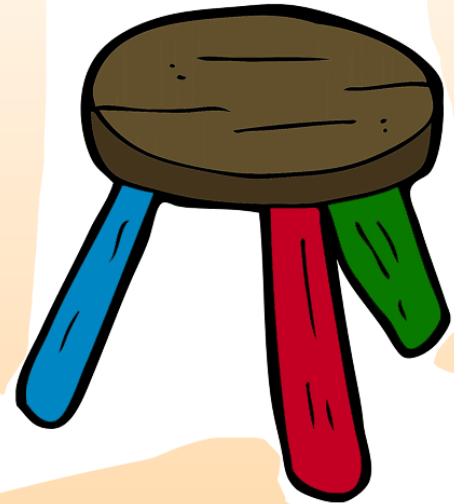
Grease Depth

Servicing Frequency

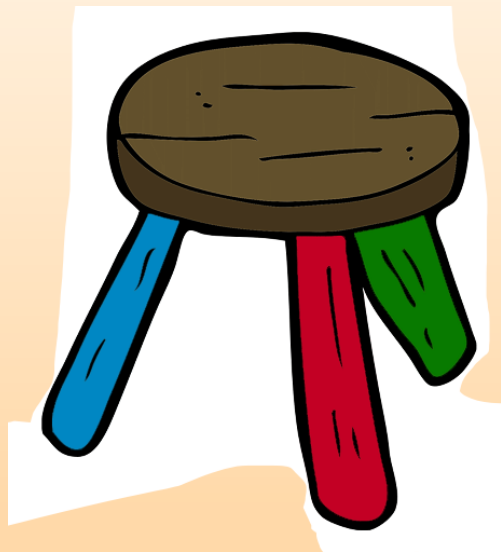
Separator Inspections

Camera Line Inspections

Effluent Testing



Degrees of Control In Pretreatment's Three-Legged Stool



LEAST CONTROL: BEST
MANAGEMENT PRACTICES

Measured by:

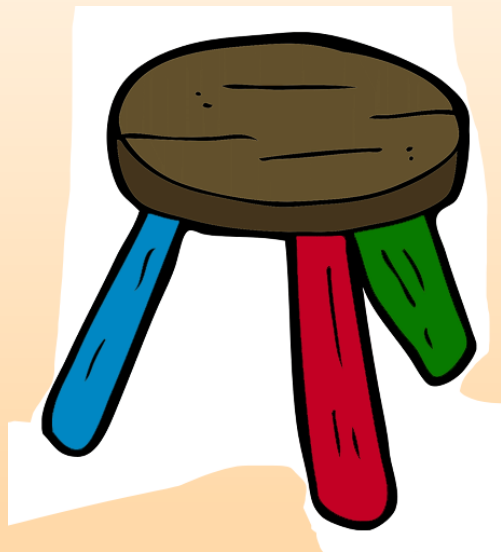
Downstream Buildups

High BOD, COD, FOG, TSS

On-Site Blockages

Degrees of Control In Pretreatment's Three-Legged Stool

LEAST CONTROL: BEST MANAGEMENT PRACTICES



Includes:

Type of Menu

Washing Equipment

Cooking Equipment

Detergents/Chemicals

Staff Training/Mgmt Audits

Degrees of Control In Pretreatment's Three-Legged Stool

SOME CONTROL: SERVICE & MAINTENANCE PRACTICES

Measured by:

Grease depth
Servicing frequency
Separator inspections
Camera line inspections
Effluent testing

Includes:

Degree of servicing
Frequency of servicing
Site inspections
Sampling

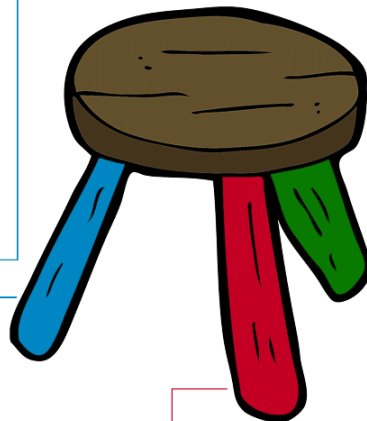
LEAST CONTROL: BEST MANAGEMENT PRACTICES

Measured by:

- Downstream Buildups
- High BOD, COD & TSS
- On-site blockages

Includes:

Type of menu
Washing equipment
Cooking equipment
Detergents/Chemicals
Staff training
Staff audits



MAXIMUM CONTROL: GREASE MANAGEMENT TECHNOLOGY

Measured by:

Separation efficiency
Grease retention capacity
Longevity

Includes:

AGRUs
HGIs
GGIs
Dosing/Treatments
Other





09/08/2007



















Crust-Buster-Septic-Tank-Agitator-Mixer-Top-New

Alligator Blade Set - \$155



Alligator Blades are available as replacement blades or available to specify on new build units and are designed to help with grease traps and grease agitation.

Alligator blades have cerated ends, that act as “teeth” to improve the performance of the Crust Buster in grease trap agitation.

They can be installed on the Crust Buster shaft or carried for installation when grease trap work is planned.



**I'VE
GOTTEN IN
THE HABIT OF
USING THIS FOR
MOST OF
MY JOBS**

CrustBuster vs. Thicc Grease Trap



**TIME
TO BRING
IN THE CRUST
BUSTER TO MIX UP
ALL THE
SOLIDS.**

CrustBuster vs. Thicc Grease Trap





An estimated **4%, 9% and 3%** of world emission of CO₂, CH₄ and N₂O, respectively, comes from wastewater treatment plants.

Greenhouse Gas Effect Rating:

CO₂ = 1

CH₄ = 28

N₂O = 265

This does not include gas emission in the collection system, as well as the emissions from servicing sites and treating collected wastes

Like Sarah Connor in Terminator 2 Judgement Day

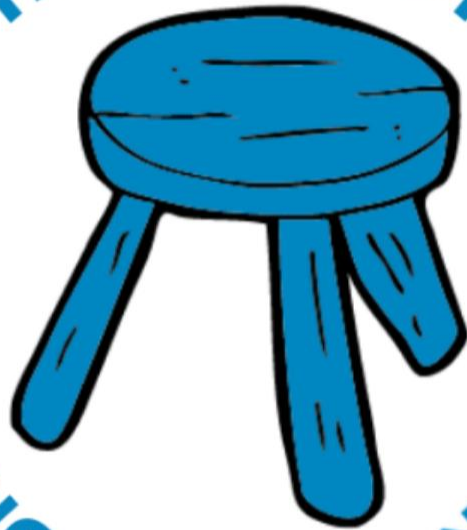
It is time to build your connections to pumpers, health depts, plumbing depts and training for end user facilities.

Greenhouse Gases Judgement Day is Coming



COME WITH ME IF YOU WANT TO LIVE.

TECHNOLOGY



SERVICING

MANAGEMENT

Download the Summary

