



Pretreatment Communicator

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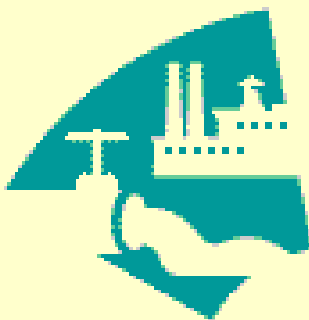
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Department Notes

Tom Shiflett, P.E.

FDEP Pretreatment Coordinator



Randi Peddie left the pretreatment section at the end of August. She accepted a promotional opportunity with the Division of Waste, here in Tallahassee. We will all miss Randi, and wish her luck in her new position. Many of you will remember Hsiang-Yu Chou-Hoofman. Hsiang will be assisting the pretreatment program until Randi's permanent replacement is found.

I hope Sam Jenkins and John Palenchar will be able to attend the FIPA workshop in October. Please let us know if there is any specific information you would like to see covered in the FDEP update presentation.

For those programs that have adopted, or are considering adopting, the non-significant categorical industrial user (NSCIU) provisions in their sewer use ordinances please be aware of the following requirements. First, the industrial user must discharge 100 gallons, or less, per day of total categorical wastewater. Second, the industrial user must have consistently complied

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FIPA Sponsors:



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Message from the President

"It's just grease, not toxic waste"

By Athena Parslow



The next time you pick up a prescription from the pharmacy read the list of possible side effects. You might be surprised, head ache, stomach upset,

yellowing of skin and eyes, low resale value of your home. Okay you may not find one that says low resale value on your home. What are some of the side effects of grease? Clogged waste lines and sanitary sewer overflows are very likely to be at the top of the list. Under the right conditions acid forming bacteria thrive in grease interceptors.

Over time low pH conditions eat away at concrete structures of which many grease interceptors are constructed. Steel rebar is not immune from the corrosive effects of low pH wastewater. Of course there are epoxy coating systems that can be applied to protect concrete interior surfaces of interceptors from corrosion. Fiberglass grease interceptors are highly resistant to corrosion and provide yet another option.

Odors and wastewater go together like hand and glove. Grease stinks! Odor complaints plague wastewater utilities.

Rotting food waste from a restaurant using a garbage disposal is sure to cause odors. Short term odor fixes generally rely on

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Department Notes (cont from 1)

with all applicable categorical pretreatment standards and requirements. Third, the industrial user must submit the annual certification statement required in subsection 62-625.600(17), F.A.C., with any additional information necessary to support the certification statement. Fourth, the industrial user must never discharge any untreated categorical process wastewater. These NSCIU requirements can be found in 62-625.200(14), F.A.C.

If you have questions about non-significant categorical industrial users, or your pretreatment program in general, please feel free to contact the pretreatment staff in Tallahassee at (850)245-8605. The Department looks forward to working with everyone again this quarter. ■



CORE Committee News

By Linda Fielder



CORE, Cooking Oil Recycling Effort, is a FIPA subcommittee that has been working hard to provide FIPA members

and other groups with the tools needed to organize your own cooking oil collection and recycling program. CORE's easily accessible website provides guidelines for developing a program in your area, educational tools and resources, guides for promoting public awareness on proper handling and disposing of yellow cooking oil, a list of reliable haulers and recyclers that will provide quality service for collection events, drop points for used cooking oil, videos, games and links to other successful programs. Check out this website at: <http://www.core.fipaonline.com>

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Officer Election

By Mark Mathis

FIPA officers serve a two-year term. Currently, there are no term limits for FIPA officers. Elections will take place during the fall workshop scheduled to be held in St. Augustine on October 28, 2011. The FIPA board consists of the north, central and southern region coordinators, treasurer, vice president and president.

Perhaps you know of a colleague that demonstrates good leadership skills and would make a good candidate for as a FIPA Officer. If you would like to be considered for a seat on the board you can certainly nominate yourself.

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Message (cont from 2)

some type of that masking agent to immediately resolve the odor complaint. There are long term pretreatment options for odor control in the collection system.

Although grease is nonhazardous waste it is a universal problem in public sewers that is not going away anytime soon. Grease and the common cold have a lot in common in that there is no cure for either. Outside of ordinance enforcement all one can do is to manage grease problems symptomatically. For years some of the larger municipal wastewater plant operations have practiced recovering the energy from brown grease and residuals using anaerobic digestion to produce methane gas. The anaerobic digestion process is temperamental at best, and a single spark can trigger an explosion of nightmarish proportions. While waste cooking oil (yellow grease) is in high demand among biodiesel diehards, researchers are hopeful in developing a cost effective process whereby brown grease can be used as a renewable source of alternative energy as a bio-fuel. There is no shortage of brown grease. According to the estimates from the National Renewable Energy Laboratory some 500 million gallons of grease moves through the wastewater system in the U.S. every year. It is exciting to think about what the future holds for brown grease. What if brown grease, a substance that plagues utilities universally could one day be in high demand as a renewable source of bio-fuel? This could prove to be the best tool yet in the never ending battle against sanitary sewer overflows caused by grease. ■

TRAINING

- ✓ Industrial Pretreatment C B & A and FOG certification courses, October 24 - 28, 2011
- ✓ Fall Workshop, Friday, October 28, 2011
- ✓ Location, Trinity Hall Episcopal Parish 215 George Street St. Augustine, FL32804

CORE (cont from 3)

CORE is now accepting sponsors! Sponsors, get your information out there on our website by contacting a CORE member today. Sponsorship means your business will be promoted on the CORE website with your logo and information. Local CORE and FIPA members, municipalities and businesses will be more likely to contact your company for their cooking oil collection needs. Your company will be recommended by CORE to any group in your area that is holding a collection event. In order to become a sponsor, certain requirements must be met. These requirements are listed on the CORE website. For more information on becoming a CORE sponsor contact Linda Fielder at lfielder@sjcfl.us or Monica Swearingen at fipasecretary@mail.com

CORE WEBSITE FEATURES

The CORE team is continually working behind the scenes to enhance the website by adding useful information for local CORE program development plus creative new features to attract and retain sponsors.

COMING SOON!

Your CORE team envisions developing an animated series for our Grease Fighting Team, film a commercial to be used by any local CORE Program, and provide access to promotional products for local cooking oil collection events. So, please visit the CORE website today to learn how you can start or improve your own CORE Program. Contact a member of the CORE committee if you need to jump start your CORE program. Okay Grease Fighters, back to the kitchen. ■

Election (cont from 3)

All nominations are welcome.

FIPA is all about education. Workshops are held in each of the three regions on a rotating basis in an effort to accommodate members that may have travel restrictions limiting them to single day local training events only. Organizing FIPA workshops is an essential function of the association as is providing opportunities for industrial pretreatment and FOG certification.

FIPA has always been an association in which members help members. FIPA workshops provide opportunities to make connections with peers. Putting workshops together takes creativity, imagination and a lot of hard work. HELP WANTED! You are not required to be a board member to assist in setting up a workshop. All it takes is the three Ds, desire, dedication and dependability.

Outside of the two-year commitment of a seat on the board opportunities arise from time to time to participate on the education committee and the CORE committee. There is always a need for water quality professionals such as you to present at FIPA workshops. For those of you that avoid public speaking there are ongoing opportunities to contribute to the advancement of the association by writing articles for the newsletter. Perhaps you have dealt with a unique pretreatment or FOG situation. FIPA would very much like to hear about it. We learn from one another by sharing our experiences. Whether you teach a certification course, organize a workshop or write a newsletter column, the bottom line is that FIPA needs you! ■



FIPA Awards

Surely you know a FIPA member or pretreatment program that has noteworthy accomplishments such that they are eligible for these awards. The award nominations to deadline is being extended to October 1, 2011. To nominate an individual or member go to <http://fipaonline.com/> and download the appropriate nomination form. Mail completed nominations to: Susanna Littell 4760 West Sand Lake Road Orlando, FL 32819.

Parnell Award

The John Parnell award is an individual award that serves to commemorate the tireless contribution of Dr. Parnell in furthering the knowledge of industrial pretreatment in the State of Florida. Criteria:

- Be a FIPA member in good standing
- Hold no FIPA office at the time
- Made significant contributions in promoting the industrial pretreatment program including any or all of these:
 - Publication of written pretreatment related articles
 - Served as instructor for any industrial pretreatment related certification course with FIPA, or FWPCOA
 - Contributed meaningful presentations at FIPA workshops
 - Organized FIPA workshops
 - Assisted other industrial pretreatment programs in the initial stages of development

Robert Heilman Award

The Robert Heilman award is a program award that serves to commemorate the efforts of Robert Heilman, P.E. in establishing communication and educational means to enhance industrial pretreatment programs in the State of Florida. This award will be presented to Florida Industrial Pretreatment programs that show a dedication to promoting the FIPA goals of enhanced education and utilize innovative communication and regulatory approaches to achieve compliance and protect the environment.

- Not in DEP/EPA enforcement for the past year.
- All eligible (eligible staff members are those that have been in the IP program for over a year from the time application is made) PT staff members shall have at least a C level voluntary certification
- All IP staff are FIPA members

Active FIPA participation as demonstrated through activities such as:

- Hosting FIPA workshops
- Staff teaching/presenting
- Staff submission of newsletter articles
- FIPA board participation
- Innovative strategies for compliance and/or communication
- Level of complexity in the IP program as demonstrated by:
 - Optional IP programs (i.e. FOG, surcharge, BMPs)
 - # of SIU & CIUs
- Previous Robert Heilman awards winners are eligible to apply for the award after three years have past since winning the award.