

Wastewater And Treatment Education Roundtable (WATER)

Jan. 6, 2016



Agenda

1. Welcome and Introductions
2. Dallas Wastewater Awareness Campaign and the Regional Campaign
3. Grease Interceptor Inspection Training Development
4. 2015 Holiday Grease Roundup Update
5. Other Items
6. FY2017 Work Program Brainstorm
7. Roundtable
8. Next Meeting Date
9. Adjournment

Welcome and Introductions

Dallas Wastewater Awareness Campaign Update

City of Dallas Water Utilities

Helen Dulac
Yvonne Dupre
Michael Helms



Regional Campaign: Next Steps

- Regional web domain name:
DefendYourDrainsNorthTexas.org/.com
Purchased in November for 2 years; will need to decide how we want to include the CeaseTheGreaseNTX.com info/phase out CeaseTheGreaseNTX.com
- To continue to be developed with the working group
(staff from Dallas, Duncanville, Garland, Frisco, Fort Worth, Plano, TRA, UTRWD)
 - Regional microsite*
 - Mission statement*
 - Template bill inserts/booth or poster graphics/social media posts/ other deliverables*
- Discuss how/when to launch. Include potential media buy, or other method...?

Grease Interceptor Inspection Training Development

Management, operation, and maintenance of grease interceptors and traps

Summary

- 1 classroom day, 1-2 field days (depending on number of attendees)
- Discussed training with Neal Klimek and field location/interceptor assistance with Chris Trimble; Jack W./Arlington also to provide interceptor assistance
- Richard Statser tentatively willing to participate as a local expert, but depends on schedule [?]
- Texas Department of State Health Services education credit should be obtainable as long as relevant
- Exploring TCEQ education credit, but let's discuss how this might affect timing...
- Timing for month and days (March or April, end of week)
Had talked about March 16-18 or March 30-April 1 with Neal, but new wrinkle: TCEQ approval time is 120 days. If we decide to push back—May 11-13 or 18-20 also OK.
- Cost—requested ballpark figures from Neal, plus TCEQ application fee; might need to email members separately once get concrete figures to discuss class cost for members, nonmembers.

Training Development (cont.)

Management, operation, and maintenance of grease interceptors and traps

Curriculum (shared with Neal Klimek and TCEQ contact)

Topic	Importance/Time Allotted
1. Wastewater Collection System Concerns (covering intro, general info)	Less important (cut back from 2007 curriculum) approx. 30 min. (vs. hour)
2. Initial Program Action Plans (covering education, outreach)	Less important (cut back from Dallas) approx. 15-30 min. (vs. 45 min.)
3. Restaurant and Kitchen Inspections (make sure to also include Kitchen BMPs [see Guide PDF])	Important (about the same time as Dallas, perhaps a little longer?) approx. 45 min.-1 hr. (vs. 45 min.)
4. Grease Vessel Designs (would also like to see one or two slides on oil/water separator included)	Very important (longer than Dallas) approx. 30-40 min. (vs. 20 min.)
5. Grease Vessel Inspections and Compliance (make sure to include scenarios)	Very important (about same time or bit longer than Dallas): approx. 1 hr. (vs. 55 min.)
6. Grease Vessel Approvals and Installations (include scenarios, if appropriate)	Very important (about the same time as Dallas?) approx. 1 hr.
7. Final Documentation and FOG Database Demo	Important (about the same time as Dallas?) approx. 2 hrs.

Other items requested to wrap into the above:

--Learning which type of grease does what when put down the drain/how different items affect the machinery at wastewater treatment facilities.

--Learning about effect on lift stations from chemical control.

--Mechanical interceptors: How they work, what are they good for.

--Coffee shops: Difficulties with installing grease traps, their claims that coffee and creamers not an issue. With coffee shops now expanding their offerings, may run into issues re: installing a larger grease trap.

2015 Holiday Grease Roundup

Participants	Addison, Arlington, Bedford, Coppell, Dallas, Denton, Duncanville, Fort Worth, Garland, Mansfield, McKinney, North Texas Municipal Water District, and Richardson
DCS partnership	Dallas County Schools Alternative Fuels Program partnered with 5 entities
Date range	Nov. 30-Dec. 11
Marketing materials	Advertising ideas document City-specific flyer template Half-page flyer (English front, Spanish back) Press release template Email blast template Social media post template Web banners and tiles
Website	Homepage hero, event webpage in English and Spanish Includes a short video on how to collect/transfer your used cooking oil



Roundup Collection Stats

Organization	Amount Collected (gal.)
Addison	40
Arlington	70 at event, 66 at WF Arlington, unknown amount at Ft. Worth center
Bedford	Approx. 30 gallons (still has container)
Coppell (2 locations)	250
Dallas Water Utilities	1,993 (with 40 for Addison and 66 for Arlington) for CtG drop-offs, 240 at HC3
Denton	?
Duncanville	150
Fort Worth (and its participating cities)	1,033
Garland	29
Mansfield	84
McKinney	67
North Texas Municipal Water District	100
Richardson	Promoted Addison, Richland (32), and HC3 locations

If the number is not bold, it means that drop-off location is counted in the Dallas row.

- This year (Nov. 30-Dec. 11): **4,046 gallons**, not including Denton's. 13 participants (11 if don't count Denton or Richardson), 12 days. *~28-31 gal/part./day (using 11-12 part.)*
- Last year (Dec. 6-13): **1,200 gallons**, not including HC3. 8 participants, 8 days. *~19 gal/part./day*

Roundup Marketing Samples

NTMWD @NTMWD · 3h
Pouring Grease Down The Drain Causes Clogs In The Sewer Lines. Tips for disposal -www.ceasethereasentx.com/



Messages

Fort Worth Water @FWWater · 8m
Participate in the 2015 Holiday Grease Roundup going on now ! Until Friday, Dec. 11. ceasethereasentx.com



Messages

TWEETS 670 FOLLOWING 533 FOLLOWERS 305 LIKES 24

Cease The Grease @CeaseTheGrease · Nov 17
#CeaseTheGrease and #recycle your #cookingoil during the 2015 Holiday Grease Roundup, Nov. 30-Dec.11. Visit... fb.me/3XIDpMVEU

GARLAND TEXAS MADE HERE

ABOUT GARLAND CITY SERVICES PROGRAMS & INITIATIVES CITY GOVERNMENT

News Updates

2015 North Texas Holiday Grease Roundup



Don't pour your Thanksgiving grease down the drain. It can cause clog plumbing, cause sewer backups and can pollute the environment. Protect your home, city, and health by recycling your grease this holiday season.

Garland will join other Metroplex cities for the 2015 Holiday Grease Roundup, Nov. 30-Dec. 11. The joint effort is a partnership with the North Central Texas Council of Governments, Wastewater and Treatment Education Roundtable, Municipal Water District and several municipalities.

sewer systems and the environment by providing additional grease drop-off locations and encouraging the use of recycling services.

How to recycle cooking oil:

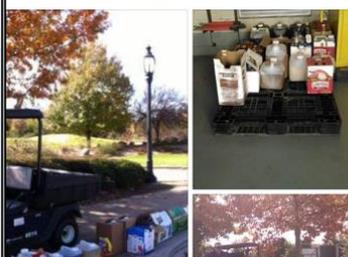
TFW LTE 10:33 AM 79% battery

facebook.com

City of Arlington, TX - Water Utilities added 3 new photos. 21 hrs · Edited

Thank you for making the 2015 Holiday Grease Roundup event a success on Saturday. If you weren't able to participate this weekend, you can still turn in your used holiday cooking oil.

Option 1: Drop off used... More



2015 Holiday Grease Roundup
by Helen C. Dulac, MS, Office of Environmental Quality



Thanksgiving is marked by family, friends, and a turkey on the table. According to the National Turkey Federation, 90% of Americans have turkey for Thanksgiving; that's about 45 million baked, roasted, or deep fried edible centerpieces. If you deep fry your turkey (you should since we live in the South), let the oil cool and pour it back into the original container. Why, you ask?

Dallas Water Utilities can take that used vegetable oil and turn it into clean electricity. The Cease the Grease program collects used cooking oil throughout the year from over 20 locations in Dallas. The oil is converted into energy by a process that uses bacteria to digest the oil and other organics into methane gas. The gas is used to run generators at the Southside Wastewater Treatment



Avoid the Grease Monster on Turkey Day

It's hard to believe that the holiday season is upon us, and Thanksgiving is almost here!

With all the family festivities, what do you do with all that leftover cooking oil? Fats, oils, and grease from cooking (otherwise known as FOG) may be liquid and easy to drain while they are still hot, but as these fatty substances cool, they harden and solidify. If poured down kitchen drains, these materials harden along sewer pipes, and can cause them to clog up.



Roundup Website Analytics

Nov. 1-Dec. 19, 2015



Roundup Collection Photos



2015 Holiday Grease Roundup Feedback

- Feedback on this year's date range?
- General thoughts on how to improve?

Other Items

- SB912: Checking in with Macy Beauchamp, TCEQ, re: proposal.
- Sanitary Sewer Overflow workshop held in December 2015.
- Potential Wipes Training Course/Presentation? “Wipes: Why They’re in Your System (and How to Get Them Out),” Instructor: Aubrey Strause, P.E., Fuss & O’Neill.



Fall 2015 Training Courses

Wipes: Why They’re in Your System (and How to Get Them Out!)

Thursday, December 10, 2015
Courtyard Marriott, Cromwell, CT
8:30 a.m. – 3:30 p.m. Sign-in begins at 8:00 a.m.

This session will describe the phenomenon of “wipes”: non-dispersible consumer products that are clogging wastewater systems all over the country. The speaker will: provide insight into why the problem has grown so quickly; provide operators with tools to identify and understand the materials; share the local, regional, national, and global efforts and outreach campaigns underway; review legislative efforts and active litigation on this issue; and suggest ways to make a meaningful improvement in your system.

CONNECTICUT
MAINE
MASSACHUSETTS
NEW HAMPSHIRE
NEW YORK
RHODE ISLAND
VERMONT

Instructor: Aubrey Strause
Cost: \$135 (\$95 for CWPAA & CAWPCA members)
(lunch included)
Credits: 6 Training Contact Hours
Course #: etc1485



Other Items (cont.)

- **January 19: FOG Program Presentation and Peer-to-Peer Exchange**, “Engaging with Food Service Businesses for a Successful Fat, Oils, & Grease Source Control Program in Dublin, Ireland,” Speaker: Michael O’Dwyer, Evolution Environmental Services.
- **TCEQ Proposes Changes to the Industrial Solid Waste and Municipal Hazardous Waste Rules** (related to the national e-manifest system).
- **HR 1321: Microbead-Free Waters Act of 2015**: To amend the Federal Food, Drug, and Cosmetic Act to prohibit the manufacture and introduction or delivery for introduction into interstate commerce of rinse-off cosmetics containing intentionally-added plastic microbeads. Enacted on Dec. 28, 2015. To go into effect Jan. 1, 2018.
- **Bloomberg article’s “MIT Spinoff Microbes Turn Beer Waste Into Clean Water, Energy” (Nov. 18, 2015)**: Cambrian Innovation targeting brewers in areas like California and Texas. It plans to sell water-treatment plants through water-energy purchase agreements.

FY2017 Work Program

- Start brainstorming about what you'd like changed (perhaps include next training module [*building an effective FOG control program OR legal authority, regulations, permits, ordinances, and codes*], food handler/manager certification program, concrete steps to take for the paperless manifest?)
- Discuss cost share amounts, potential participation

Roundtable and Next Meeting Date

Roundtable: What's happening in your community?

Next meeting date (tentative): Wednesday, April 27, 2016,
at 10 a.m. in the William J. Pitstick Executive Board Room

Adjournment

Contact

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