

DFW Area Food Recovery Event Presentation
Cease the Grease by Helen Dulac
October 21, 2015; 10am-4pm
NCTCOG
2:15-2:30 pm

- 1:38 Shatner/State Farm video: <https://youtu.be/ETBD0EqQGoU>
1:12 Fatberg video: <https://youtu.be/b-1tAolsas0>
2:08 TEEA video: <https://youtu.be/wBauX80-acM>
CtG website: <http://www.ceasethegrease.org/>
3:15 Cogen video: <https://youtu.be/h5jle-c448c>
WATER website: <http://www.ceasethegreasentx.com/>

There is a lot of obvious food waste (FW), but what about what left over in pots and pans?
Thanksgiving is coming up so there will be a lot of food and a lot of FW

- Shatner Video
 - 3-5 gallons of oil left over
 - Not just turkey, other foods like gravy & bacon and other dishes
 - What do with FOG?
- Fatberg video
 - Wish say this doesn't happen here but it does
 - A big problem for DWU
 - Clogged pipes can cause SSOs
 - FY 2005 had 112 SSOs caused by grease –clogged pipes
 - Got attention of EPA & TCEQ

DWU got an AO with a big fine, agree to 10 year improvement plan and start education and outreach program. Created Cease the Grease (CtG). Successful and won TCEQ TEEA

- TEEA video
 - Good program overview
 - Decrease SSOs by 95%.
 - FY 10-11=4
 - FY 11-12=4
 - FY 12-13=6
 - FY13-14=1
 - Originally no recycling component but people asked for it
 - Fumbled around with some stuff and over time developed this....
- CtG website
 - Nearly 30 drop-off sites in Dallas
 - Other cities participate
 - What do with the oil?
- Cogen video
 - Fits nicely with sustainability and long range solid waste plans
 - Produces 50-60% of SSWWTP's power & 4% of COD power
 - 4% reduction helps COD met requirement of Senate Bill 12 which requires political subdivisions to reduce energy consumption by 5%/year for 5 years starting in 2007
 - Generates Renewable Energy credits which we use for LEED certification of city facilities

- Project reduces the region's overall emissions by eliminating the pollutants that would have been created by a power plant
- WATER website: Wastewater And Treatment Education Roundtable
 - Still a problem so take a regional approach
 - DFW is a Metroplex, lots of movement between cities
 - Dec 6-13, 2014 was first regional round up
 - 8 cities: Addison, Arlington, Cedar Hill, Coppell, Dallas, Fort Worth, Garland, and Mansfield
 - collected 1,200 gallons fry oil
 - Nov 30-Dec 11 second regional round up
 - 13 cities/entities: Addison, Arlington, Bedford, Coppell, Dallas, Denton, Duncanville, Fort Worth, Garland, Mansfield, McKinney, the North Texas Municipal Water District, and Richardson
 - Oil turned into biodiesel or biogas. Some cities partner with Dallas County Schools Alternative Fuels Program for the event

This simple program helps DWU protect infrastructure, reduce pollution by reducing SSOs and helps with sustainability and LTSW plans.

