

# Wastewater And Treatment Education Roundtable (WATER)

November 1, 2016



# Agenda

1. Welcome and Introductions
2. FY2017 Work Program Discussion
3. Holiday Grease Roundup Update
4. Regional Training Development
5. City of Garland and Garland High School Partnership Overview
6. General Updates
7. Roundtable
8. Next Meeting Date
9. Adjournment

# Welcome and Introductions

# FY2017 Work Program

- Current Committed Funding Level: \$36,600
- We are still accepting commitment forms for the FY2017 Work Program
- The FY2017 Work Program is posted online and available for review.

# FY2017 Work Program (Survey Results)

Priority Ranking	Task
1	Task 2.1. General Program Awareness for Defend Your Drains Campaign Elements (Proper Disposal of FOG, Wipes, Medicines, etc.)
2	Task 2.2. Holiday Grease Roundup (Regional FOG Collection Event)
3	Task 2.3. Support for Updating and Maintaining the Websites (DefendYourDrainsNorthTexas.com and CeaseTheGreaseNTX.com)
4	Task 3. Training - Development and Coordination of the Restaurant/Grease Interceptor Inspection Workshop
5	Task 4. Food Handler/Manager Certification Program
6	Task 2.4. Application for Awards Related to Educational Campaigns
7	Task 6. Grease Interceptor Brochure - 2017 Edition
8	Task 5. Texas Restaurant Association's Southwest Food Expo Participation
9	Task 7. Support for Seeking Funding for Specific Projects

# 2016 Holiday Grease Roundup

- **Date range:** Nov. 28 – Jan 9
- **Participants:** Addison, Arlington, Bedford, Coppell, Dallas Water Utilities, Duncanville, Fort Worth, Garland, Lewisville, Upper Trinity Regional Water District, Mansfield, McKinney, North Richland Hills, Red Oak, Richardson
- **Marketing Materials:**
  - City-specific flyer template
  - Half-page flyer
  - Press release template
  - Email blast template
  - Social media post template
  - Web banners and tiles



<http://www.ceasethegreasentx.com/>

<http://www.defendyourdrainsnorthtexas.com/news.html>

# Regional Training Development

- Is Dallas hosting a Grease Interceptor Training Course?
- What type of regional training to pursue?
  - Water-related workshops:
    - Residential Irrigation, Water Conservation
    - Pretreatment Inspection, Autoshop/Carwash Trap Inspection
    - Wastewater Treatment, Drinking Water Plans, Landfill
    - Backflow Preventers, Vector Control
  - Relevant technology workshops (GIS/databases)
- Planning for the next regional training will begin in January 2017
- Request for volunteers for the planning committee



# Cease the Grease – HS Station Manufacture Project

City of Garland

Technical Services Department

Industrial Pretreatment Program

GARLAND

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# Project Overview

## Goals:

Increase community awareness and involvement.

Procure new sources for collection stations.

Link pollution prevention program with educational curriculum.

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WASTEWATER TREATMENT

# Background

City of Garland IPP was already conducting a collection contest with elementary school contest.

*Alternative fuels* unit is part of GISD's 5<sup>th</sup> grade science curriculum.

5<sup>th</sup> grade classes competed for a pizza party, and/or a tour of the Rowlett Creek Wastewater Treatment Plant.

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WASTEWATER TREATMENT

# Applying contest concept to HS level

**Original concept:** Create contest as two-phase project

**Phase 1: Design** – Create scenario similar to what employees would encounter in the real world. Manufacturers asks creative teams to design new products according to client specifications.

Students would prepare station designs, including visuals, materials' requirements, estimated cost/time of manufacture, “green” ideas, etc. Garland IPP would act as “client” and select one of several project “bids”.

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WASTEWATER TREATMENT

# Original Concept – continued

**Phase 2 – Construction:** Phase 1’s winning design from Fall semester would be selected for construction during Spring. Garland IPP would again act as “client” and select one winning manufacturer that built the best station using the given design.

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WASTEWATER TREATMENT

# Timeline

## Milestones:

**1/13/15:** Meet the Director for GISD's Department of Career & Technical Education at a Career Day Event.

**3/2/15:** Dedicated meeting to discuss project at length.

**8/19/15:** Meet with Director and all teachers for given department.

**2015-2016 School Year:** Project

May 25, 2016



# Cost - Vendor

## Vendor Cost:

1<sup>st</sup> order: 2 units x \$625 = \$1,250

2<sup>nd</sup> order: 2 units x \$700 = \$1,400

3<sup>rd</sup> order: 2 units x \$750 = \$1,500 (estimated)

We didn't actually place the 3<sup>rd</sup> order

**Total:** \$4,150 –

*estimated average cost/unit: \$691.67*



## Cost – HS Project

Project Materials: \$316.47

Student Pizza Party: \$127.84

Total: \$444.31 – average cost/unit: \$74.05

Unit Cost Reduction: 10.7% of vendor price.

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WASTEWATER TREATMENT





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JENNIFER GARCIA

Sara Rodriguez

KORBIN TYLER

Jailene Ibarra

Noah Thompson

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Taylor Mays

Anthony Russo  
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Miguel Calvano

5F

Xander

Tyler

NF



This station was built by  
**The Advanced Flexible Manufacturing Class**  
of Naaman Forest High School in partnership with the  
*City of Garland Industrial Pretreatment Program*  
during the 2015-2016 school year. It was built  
predominantly from reclaimed wood that would have  
otherwise gone to a landfill.

Teacher: C. Aaron Boatwright

# Questions?



# General Updates

- TCEQ Water Quality / Storm Water Seminar
  - <https://www.tceq.texas.gov/p2/events/stormwater.html>
- Drug Take-Back Request for Proposals (RFP)
  - Closes November 18, 2016
  - <http://www.nctcog.org/aa/RFP.asp>
- Stormwater Cooperative Purchase Order Form – Due November 4, 2016 (forms were emailed out on 10/17)
- Website Statistics (from July 1 – Sept 30, 2016)
  - DYD – 529 page views; average duration: 1 minute 5 seconds
  - Cease the Grease – 3,634 page views; average duration: 34 seconds
  - Thoughts: Focus on Outreach in Spring? Coordinate effort with Earth Day?
- Sanitary Sewer Overflow Data
- Social Media Sign-Up Sheet

# Roundtable and Next Meeting Date

**Roundtable:** What's happening in your community?

**Next meeting date:** Wednesday, February 1, 2017, at 10 a.m.  
in the Regional Forum Room

**Adjournment**

## Contact

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