



# Information Item

## Environmental Services (ES) 2023 Fats, Oils, and Grease Task Force Outcomes



Environment Committee: April 23, 2024

Tina Nelson & Angie Peterson



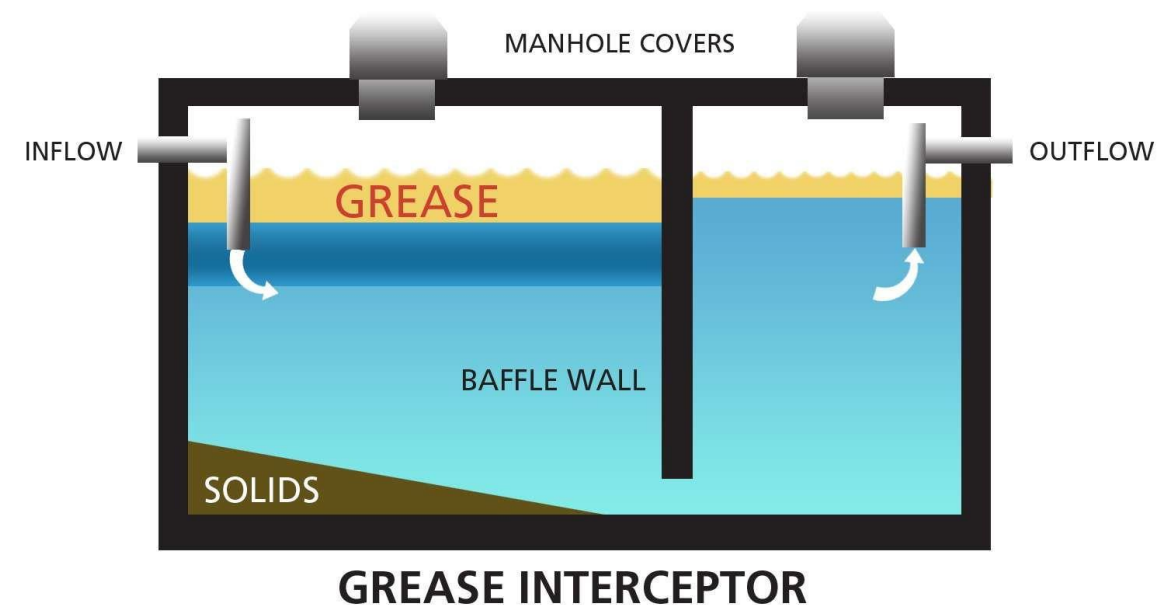
# Agenda

- Why convene a task force about Fats, Oils and Grease (FOG)?
- Participant information
- Task Force Meetings and Scope
- Outcomes and Deliverables
- What's next
- Comments and questions

# Why care about Fats, Oils and Grease?

**They come from many sources: industries, businesses, residents.**

- Includes animal and vegetable fats, as well as oils used to cook and prepare food.
- When they are discharged to a drain, they stick to the inside of sewer pipes.
- Over time, they will build up to restrict wastewater flow, eventually causing a blockage.
- Fats, oils and grease should be controlled by a properly-sized grease interceptor.
- Time is needed to cool wastewater so that solids can settle, and the fats, oils and grease can solidify and float





# Task force launched help our partners



## Communities need support

- ES continues to see an increase in fats, oils and grease discharged in our conveyance system and at our liquid waste receiving sites.
- Over the past five years, ES has received an increasing amount of request from customer communities to help them address these discharges from industry, food service establishments, and schools.
- Some communities have well-resourced and successful programs, but the majority do not have the resources or funding to establish one, despite the growing need.
- The most effective and least expensive strategy is always source reduction and elimination. Fats, oils and grease should be captured and repurposed in a beneficial manner.

# Participant Information

Name	Affiliation
Matthew Haefner	City of Chaska
Patrick Sele	City of Crystal
Nick Wilson	City of Eagan
Travis Dunn Shawn Storey	City of Hastings
Ross Jonak	City of Minneapolis
Russ Lupkes	City of Richfield
Patrick Cahanes Shawn O'Keefe Aaron Hass	City of St Paul
Michael Klimers	City of Savage

Name	Affiliation
Bret Swan	Minnesota Petroleum Service
Chris Schulz	Drain King Inc
Emmanuel Nathan	Sanimax US LLC
Jennifer Anderberg	Pizza Luce
Jill Sims	Hospitality Minnesota

# Meeting Schedule and Scope

The Task Force met routinely for two hours.

4/20/23

- Characterize types of FOG issues
- Identify ways MCES can help support stakeholders, including barriers to success

5/11/23

- Share and assemble best management practices
- Determine best forms/methods of outreach

6/1/23

- Present compiled information
- Gather feedback
- Confirm deliverables are beneficial and useful

6/20/23

- Summarize deliverables
- Gauge interest/support for developing a regional strategy (future phase)



# Outcomes and Deliverables

## Website now available!

<https://metro council.org/Wastewater-Water/Services/Industrial-Waste/Fats-Oils-Grease.aspx>

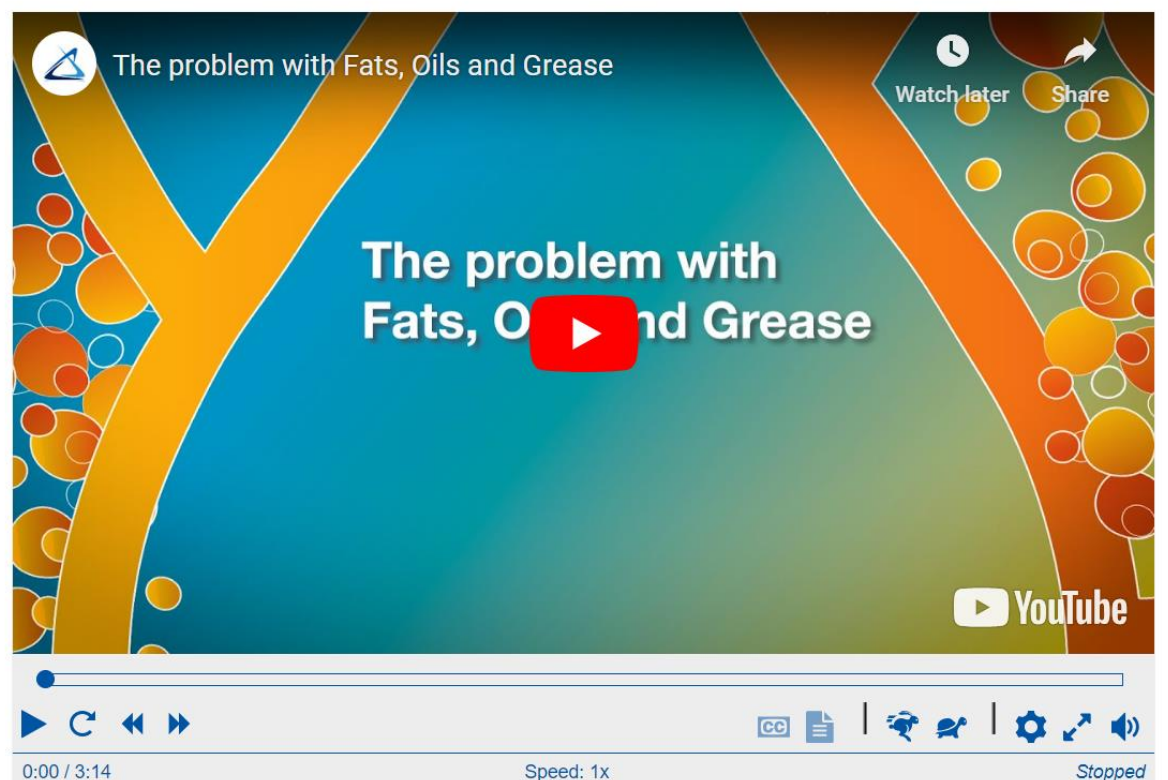
### Toolkit items include:

- Video – The problem with Fats, Oils, and Grease (3 min)

### Food establishment items:

- Best Management Practices
- “No Grease” sign to post near sinks and floor drains
- Grease trap maintenance log
- Listing of who to call for grease trap services and questions

**Toolkit**  
Task force members expressed a great need for educational and outreach materials. We focus on food service establishments, and will be adding materials as we expand this toolkit.



The problem with Fats, Oils and Grease

Watch later Share

YouTube

0:00 / 3:14 Speed: 1x Stopped

Best management practices for food service establishments (PDF)

No Grease sign (PDF)

Grease trap maintenance log (PDF)

Who to call listings for grease trap services and questions (Excel)

# Looking Ahead

## Potential Future Phase

- Continue to develop more resources for the toolkit
- Expand outreach into schools and underserved communities
- Launch a second task force to explore how to develop a regional strategy to deal with fats, oils, and grease
- Explore how ES could secure funding/grants to:
  - Help communities build a dedicated Fats, Oils and Grease program
  - Assist businesses install a properly-sized grease interceptor and provide education on proper maintenance



# MCES FOG Task Force Delivery Team

Expert staff planned and executed a successful task force!



**Martina Nelson**  
*(Sponsor)*



**Tim Rothstein**  
*(Sponsor)*



**Andrew Wiatros**  
*(Project Manager)*



**Matthew Michaelis**



**Angie Peterson**



**Jami Haider**  
*(Recorder)*



**Karalynn Marr**



**Nanette Ewald**  
*(Facilitator)*



**Nanette Geroux**



**Phi Pham**



**Therez Ranta**



**Wayde Schroeder**





# Questions?

**Tina Nelson, PE, PMP**

Manager, Industrial Waste & Pollution Prevention

**Angie Peterson**

Fats, Oils, Grease and Rags Coordinator  
Industrial Waste & Pollution Prevention

