

City of Santa Barbara Fats, Oils, and Grease (FOG) Control Program



FOG Control Program



- Fats, Oils, and Grease (FOG)
- Regulatory Requirements
- Why is FOG a Problem
- City FOG Program
- Inspections
- Questions



FOG Sources



Fats, Oils, and Grease (FOG)

Facilities that have the potential to produce FOG:

- Restaurants and Delis
- Markets and Butcher Shops
- Pizza Parlors
- Any facility with a Commercial Kitchen



FOG Sources



Examples of Food Products that produce (FOG):

- Fried Foods
- Meat Fats
- Dairy Products: shortening, butter, margarine, cheese, ice cream
- Salad Dressing and Cooking Oils
- Cream-based Sauces
- Fatty/Greasy food scraps



FOG Problems



#1 Cause of Sanitary Sewer Overflows (SSOs):

- Sewer Blockage and Malfunction Due to FOG

85% of CA SSOs are related to FOG

Source: www.fogscience.com



FOG Problems



How do SSOs impact residents and business owners:

- Potential damage to public and private facilities
- Environmental impacts on; creeks, beaches, and ocean
- Negative impacts on tourism
- Financial implications associated with; fines, overtime, and contractor services



Requirements



SWRCB:

- Statewide General Waste Discharge Requirements (WDR) for Sanitary Sewer Systems, Order No. 2006-0003-DWQ
- Amended Monitoring and Reporting Program (MRP), Order No. WQ 2013-0058-EXEC



Requirements



- Section D.13 (vii)
“...evaluate its service area to determine whether a FOG Control Program is needed. If an Enrollee determines that a FOG Control Program is not needed, the Enrollee must provide justification for why it is not needed.”



City FOG Control Program



Education and Outreach

- Discussion of Program Requirements
 - BMPs, Maintenance, Records, etc...

Regular Unannounced Inspections

- Best Management Practices (BMPs)
 - Dry wipe pots and pans
 - Proper storage of used cooking oil
 - Proper disposal of food waste
 - Staff training on BMPs and Spill clean up



City FOG Control Program



- Inspection of Grease Control Device (GCD)
 - Appropriate GCD: Interceptor or variance for 100lb Trap
 - Internal and external GCD components functioning
 - Maintenance
 - Records: records should detail conditions observed during each cleaning or pumping (levels of FOG, general condition of GCD). Maintain records for 3 years.
 - Appropriate plumbing fixtures
 - No use of emulsifiers in fixtures connected to GCD



City FOG Control Program



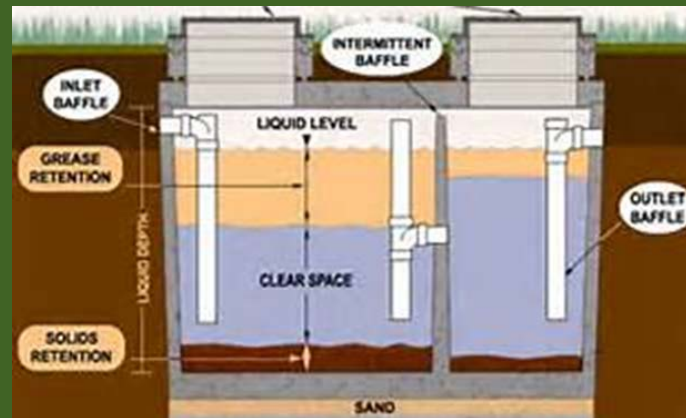
- *FOG <25%*
 - *Combined Grease and Solids are less than 25% of the total liquid depth of the GCD*
 - *Industry standard for cleaning GCDs:*
 - *Grease Traps: Weekly Cleaning*
 - *Interceptors: Quarterly Cleaning*
 - *Important to note: these standards may vary based on size of GCD and type of business. FOG must always be maintained at <25%.*



City FOG Control Program



- *FOG <25%*
 - *Combined Grease and Solids are less than 25% of the total liquid depth of the GCD*



City FOG Control Program



Re-inspections for noncompliant conditions

- Examples of non-compliant conditions:
 - FOG > 25%
 - Maintenance Records unavailable
 - GCD requires structural maintenance
 - Improper connections to GCD
 - Use of emulsifiers
 - Increase in cleaning frequency required



City FOG Control Program



Noncompliant conditions

- Issues to consider:
 - If non-compliant conditions are not corrected after re-inspection, administrative penalties may apply.
 - If non-compliant conditions cause a Sanitary Sewer Overflow, cost recovery may be applied to responsible party(s).



City FOG Control Program



Other items reviewed during inspections

- Stormwater
 - Grease Barrel
 - Mat and Equipment Wash Down
 - Leaking Trash Receptacles
 - Best Management Practices



City FOG Control Program



FOG Control Program Permits

- The City is in the process of developing a “no cost” Wastewater Discharge Permit for all FSEs
 - General conditions will be assigned for each FSE
 - Special conditions will be assigned to FSEs that are out of compliance with FOG Control Program requirements
 - Permits will be required to be posted at each FSE



Thank You



- Any questions?



Contact Us



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