



# Municipal Compliance Inspection Programs

Industrial, Commercial and Fats, Oils, and Grease (FOG)

VIRTUAL COMMUNITY OUTREACH EVENT

APRIL 1, 2024





# Agenda

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## Municipal NPDES Permit

- Background
- Purpose and Importance

## Industrial/Commercial Inspection Program

## Municipal Fats, Oils, and Grease (FOG) Ordinance

## FOG Inspection Program

## Proposed Next Steps

## Regional Cost Comparisons

## Community Resources and Benefits

## Discussion

# Municipal NPDES Permit

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- National Pollutant Discharge Elimination System (NPDES) Permit is between the **City and the LA Regional Water Board**
- Tied to our Municipal Separate Storm Sewer System (MS4)
- Requires the City to inspect certain industrial and commercial facilities
- **Requires City to track and inspect these facilities every 2 years**
- Ensures facilities are not causing and/or contributing to reductions in water quality to local waterways

# Industrial/Commercial Inspection Program

- Businesses designated with specific SIC codes are **required** to be inspected under the Permit
- Standard Industrial Classification (**SIC codes**) are numeric codes assigned by the government
- Include businesses primarily engaged in manufacturing, production, and transportation, as well as restaurants, auto maintenance facilities, auto parts wholesalers, and retail nurseries
- Inspections ensure facilities are employing Best Management Practices (BMPs) to reduce impacts to local waterways



## WHAT DO FACILITY INSPECTIONS INCLUDE?

VEHICLE & EQUIPMENT MAINTENANCE

STORAGE & HANDLING

SPILLS, LEAKS, & DISCHARGES

EQUIPMENT MAINTENANCE

FACILITY MAINTENANCE

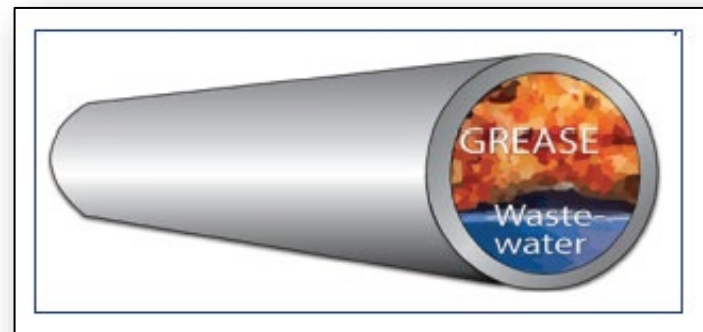
BUSINESS DESCRIPTION	SIC CODE
Agriculture Production Livestock & Animal Specialties	0211–0291
Mining	1011–1499
Manufacturing	2011–3999
Transportation, Including Warehousing & Storage	4011–4225, 4226–4581
Electric Services (4911), Sewerage Systems (4952), Refuse Systems (4953)	4911, 4952, 4953
Wholesale Trade: Motor Vehicle Supplies & New Parts	5013
Wholesale Trade: Tires & Tubes	5014
Wholesale Trade: Motor Vehicle Parts, Used	5015
Wholesale Trade: Scrap and Waste Materials	5093
Wholesale Trade: Petroleum Bulk Stations and Terminals	5171
Retail Trade: Retail Nurseries (lawn & garden supply-only stores not required)	5261
Retail Trade: Auto sales, new & used	5511
Retail Trade: Gasoline service stations	5541
Retail Trade: Eating Places (preparing food/drinks for immediate consumption)	5812
Services: Automotive Repair Shops (including those at auto dealerships)	7532–7539

Not sure what your SIC code is, find it here: [www.osha.gov/data/sic-manual](http://www.osha.gov/data/sic-manual)

# City FOG Ordinance

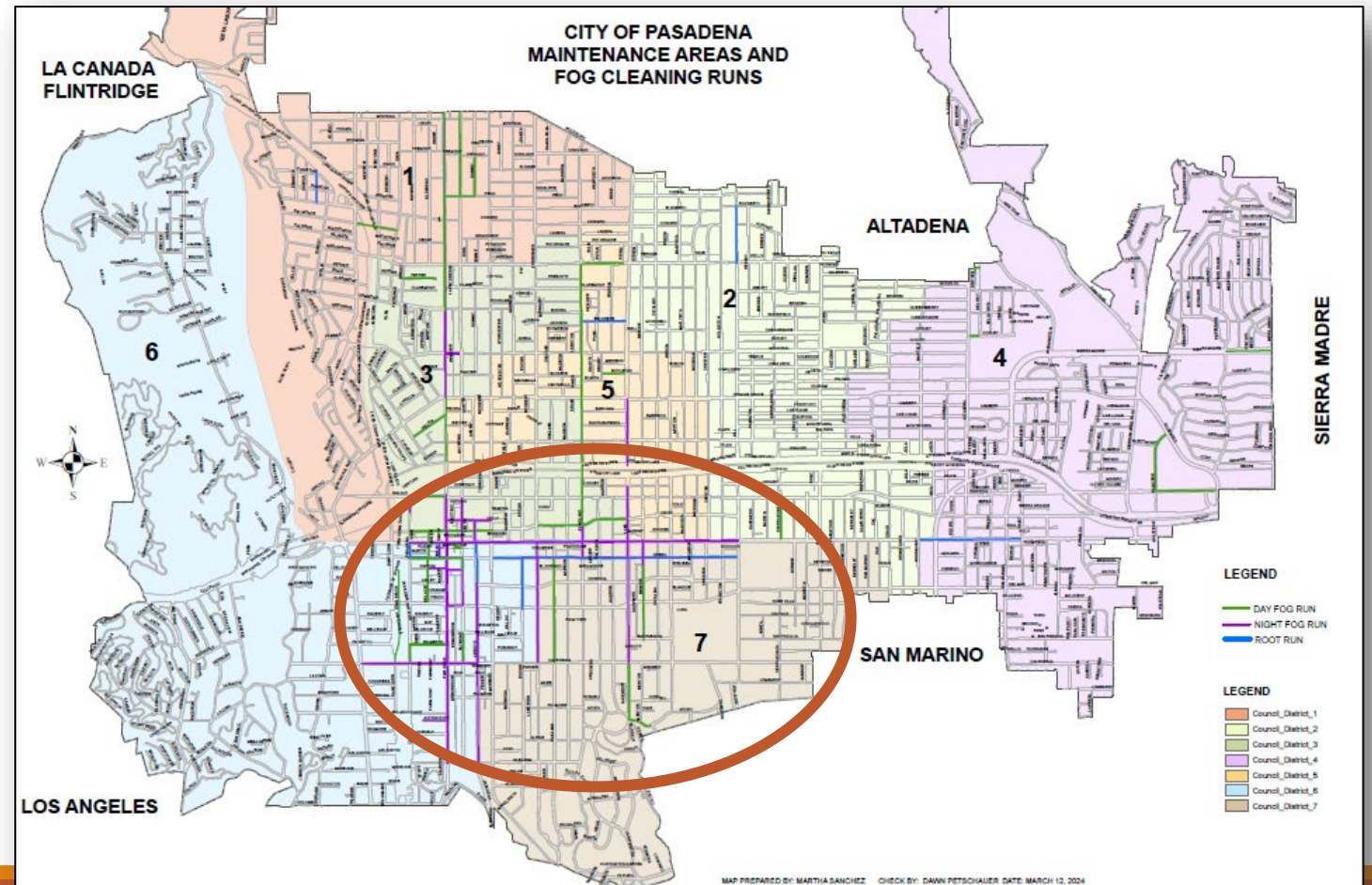


- FOG = **Fats, Oils, or Grease** as well as industrial oils, chemical and solvents
- Food Service Establishments (FSEs) produce large volumes of FOG as do businesses that use or handle industrial chemicals and/or solvents
- When poured down the drain, **FOG can cause problems in the sewer pipes and laterals** as it cools and restricts wastewater flow leading to backups or overflows
- As such, the **City implemented a FOG Ordinance (PMC 8.14)** that prohibits improper handling and discharge of FOG and requires businesses to employ BMPs to handle FOG and properly maintain grease traps, clarifiers and interceptors.



# Municipal FOG Ordinance

- City performs municipal activities to address and prevent ongoing FOG issues
- Results of annual and quarterly FOG runs **identified FOG “hot spots”** City-wide in areas that coincide with high concentrations of facilities known to produce FOG and increased incidences of sewer overflows causing concern.
- **Currently, the City does not require FOG inspections of businesses**



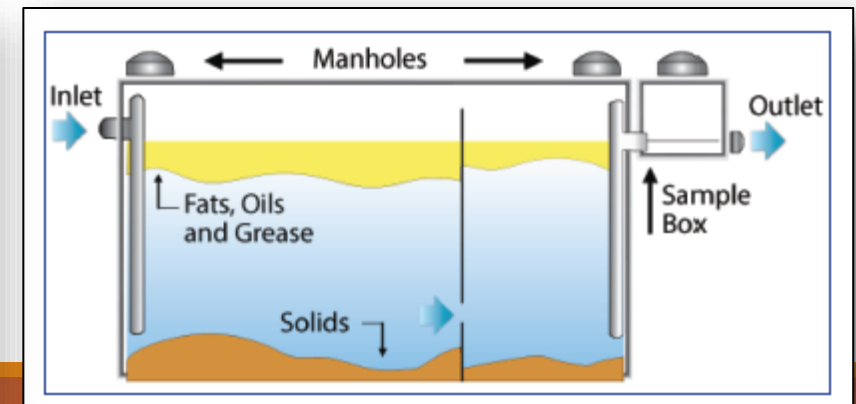
# FOG Inspection Program

**PROTECT CITY STORM & SEWER SYSTEMS**



Blockages lead to sewage back-ups in businesses and sanitary overflows in City streets causing property damage, posing health risks, and overflowing to the MS4 system.

- FOG inspection will be implemented at businesses that produce FOG.
- This will include most restaurants as well as other facilities, such as auto, manufacturing and others that produce FOG.
- Inspections will be like Industrial/Commercial inspection program and required facilities to employ BMPs to address handling and disposal of FOG as well as maintenance records for their grease trap/interceptor and clarifiers to ensure proper working use
- City believes that by providing proper educational resources and inspections we will be able to reduce improper FOG disposal and activities at business across the City and ensure protection of businesses, waterways and City storm and sewer system





# Proposed Next Steps

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## **Step 1 – Implement FOG Inspection Program**

- Recommend once every two years consistent with the Industrial/Commercial inspection

## **Step 2: Identify Support Services to Assist Implementation**

- Utilizing JLHA to support FOG Program given familiarity and expertise with programs

## **Step 3: Assess Costs for FOG Inspection**

- Industrial/Commercial inspection averages \$250 (one inspection every two years)
- Costs for FOG program unknown but estimated to cost similarly \$250 every two years
- City will provide resources, fact sheets and additional outreach, as needed, on programs

## **Step 4: Find Solutions to Ease Burden on Businesses**

- Facilities can opt to perform both inspections at once to reduce interruptions in activities
- If performed together, costs will be reduced annually for those requiring both inspections

## **Step 5 Notify Businesses of Inspection Program and Fee Changes**

- City will engage with businesses to discuss proposed changes and impacts
- City will provide mailer to businesses with annual license invoice



# Regional Fee Comparison vs. Proposed

## REGIONAL ANNUAL FEE COMPARISON

### Industrial and Commercial Inspection Fees

Alhambra	\$150
City of Los Angeles	\$254 - \$761
County of Los Angeles	\$353
Long Beach	\$160
Monterey Park	\$156.75
<b>Pasadena</b>	<b>\$125</b>

### Fats, Oils, and Grease (FOG) Fees

Alhambra	\$290
Burbank	\$401
City of Los Angeles	\$616
County of Los Angeles	\$270
Monterey Park	\$156.75
Glendale	\$405
<b>Pasadena</b>	<b>\$125</b>

### Annual Proposed Costs for City of Pasadena

Industrial and Commercial Inspection	\$250 (\$125/year)
FOG Inspection	\$250 (\$125/year)
Facilities that Require Ind/Comm/FOG Inspections	\$500 (\$250/year)
<b>Facilities that Opt to Combine Ind/Comm/FOG Inspection</b>	<b>\$350 (\$175/year)</b>

# Community Resources

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## COMMUNITY OUTREACH EVENTS

Join Public Works for an opportunity to engage in discussion about our Municipal Inspection Programs



### JOIN US!

**March 25 • 3-4:30pm**

Café Santorini  
64 W Union St

**March 27 • 3-4:30pm**

El Portal  
695 E Green St

**April 1 • 3-4pm**

Virtual Team's Meeting  
[Bit.ly/NPDESOutreach](https://bit.ly/NPDESOutreach)

# Community Resources

- City-developed resources:
  - Fact Sheets on program inspection requirements
  - Best Management Practices (BMPs) for achieving compliance
  - QR Codes/bit.ly links for added information
  - Example of a FOG inspection (Signal Hill)
  - [SWAdministration@cityofpasadena.net](mailto:SWAdministration@cityofpasadena.net)



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**MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT INSPECTION GUIDELINES FOR INDUSTRIAL AND COMMERCIAL FACILITIES**

**WHY ARE FACILITIES INSPECTED?**  
*Industrial and commercial businesses produce pollutants* such as oils, trash, metals, and chemicals that can enter a storm drain system and, if left untreated, flow to our local waterways and the ocean, posing health risks and environmental hazards.

**ARE MUNICIPAL INSPECTIONS REQUIRED FOR ALL FACILITIES?**  
The Regional MS4 Permit regulates stormwater discharges from MS4s and requires stormwater and non-stormwater compliance inspections of local businesses as part of MS4 Permit compliance **every two years to ensure facilities are not causing or contributing to reductions in water quality.**

**WHAT DO FACILITY INSPECTIONS INCLUDE?**

- Vehicle & Equipment Maintenance
- Facility Maintenance
- Equipment Maintenance
- Spills, Leaks, & Discharges
- Storage & Handling

**WHAT BUSINESSES ARE INCLUDED, AND WHAT ARE THEIR SIC CODES?**

BUSINESS DESCRIPTION	SIC CODE
Agriculture Production Livestock & Animal Specialties	0211-0291
Mining	1011-1499
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Transportation, including Warehousing & Storage	4011-4225, 4226-4581
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**FATS, OILS, and GREASES (FOG)**  
FOG CONTROL GUIDELINES FOR FOOD SERVICE ESTABLISHMENTS (FSE)

**WHAT IS AN FSE?**  
An FSE refers to any facility engaged in *preparing food for consumption by the public*. Examples include restaurants, hotels, hospitals, donut shops, and commercial kitchens.

**WHY IS FOG AN ISSUE?**  
FOG solidifies in sanitary sewer pipes as it cools, *restricting the flow of wastewater*. Eventually the wastewater cannot pass and overflows onto city streets. These spills flow to our local waterways and the ocean, *posing health risks and environmental hazards*.

**HOW DO FSE OPERATORS PREVENT SPILLS FROM FOG DISPOSAL?**  
By following *best management practices for handling FOG* as well as *properly operating and maintaining grease interceptors and grease traps*. FSEs can control the amount of FOG entering the City's sanitary sewer system. These practices are listed on the other side of this fact sheet.

**HOW CAN FOG ENTER THE SANITARY SEWER SYSTEM?**

WARE WASHING

FLOOR CLEANING

KITCHEN EQUIPMENT SANITATION

In order to reduce sewer spills and protect public health, Pasadena Municipal Code 8.14 regulates the disposal of FOG from all FSEs that discharge wastewater into the City's sanitary sewer system.

*Pipe with congealed FOG*



# Community Benefit Return

Cleaner city, healthier environment, protection of public health and improved water quality.

# Discussion

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