



City of Hallandale Beach City Commission Agenda Cover Memo

Meeting Date:	Item Type:		1 st Reading	2 nd Reading
12/2/2020	<input type="checkbox"/> Resolution	Ordinance Reading	11/18/2020	12/2/2020
File No.:	<input checked="" type="checkbox"/> Ordinance	Public Hearing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18-260	<input type="checkbox"/> Other	Advertising Required	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		Quasi-Judicial:	<input type="checkbox"/>	<input type="checkbox"/>
Fiscal Impact (\$):	Account Balance (\$):	Funding Source:	Project Number:	
N/A	N/A	N/A	N/A	
Contract/P.O. Required	RFP/RFQ/Bid Number:	Sponsor Name:	Department:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		James Sylvain, Director	Public Works	
Strategic Plan Focus Areas:				
<input checked="" type="checkbox"/> Financial	<input type="checkbox"/> Organizational Capacity	<input checked="" type="checkbox"/> Infrastructure	<input type="checkbox"/> Development, Redevelopment and Economic Development	
Implementation Timeline				
Estimated Start Date: 2/21/2021 Estimated End Date: 9/30/2021				

SHORT TITLE:

AN ORDINANCE OF THE MAYOR AND COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA, CREATING CHAPTER 30 – UTILITIES, ARTICLE IV – SEWER SERVICES, DIVISION 2 – FATS, OILS AND GREASE PROGRAM, SECTION 30-201 OBJECTIVES, SECTION 30-202 APPLICABILITY, SECTION 30-203 DEFINITIONS, SECTION 30-204 INSTALLATION AND MAINTENANCE, SECTION 30-205 PROHIBITED PRACTICES, SECTION 30-206 COMPLIANCE, SECTION 30-207 MONITORING AND SECTION 30-208 ENFORCEMENT, DAMAGES AND PENALTIES, OF THE CITY OF HALLANDALE BEACH CODE OF ORDINANCES; PROVIDING FOR CODIFICATION; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; AND PROVIDING FOR AN EFFECTIVE DATE.

STAFF SUMMARY:

Summary:

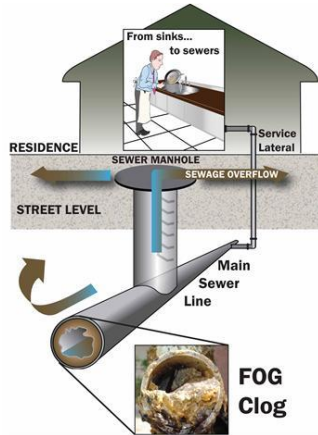
Grease is problematic because it solidifies, reduces conveyance capacity, and blocks sanitary sewer flows. A grease management ordinance works to control grease build up in the system and help to reduce sanitary sewer overflows, which can impact public health and water quality. Grease wastes are generated at food service establishments (FSEs) as byproducts from food preparation activities. The annual production of collected grease trap waste and uncollected grease entering sewage collection system can be significant and ranges from 800 to 17,000 pounds/year per restaurant. Management of this type of discharge will increase the efficiency and operability of the City's sanitary sewer infrastructure. The adoption of this ordinance will offer the City the opportunity to mitigate blockages by allowing us to regulate and enforce compliance.

Background:

The City Commission authorized Resolution 2017-034 during the March 15, 2017 regular City Commission meeting (Exhibit 2). This Resolution awarded RFP #2016-2017-001, CCNA Inflow and Infiltration Study and Analysis, and authorized the City Manager and City Attorney to negotiate and execute an agreement with Public Utility Management Planning Services (the Consultant) to complete the work (Exhibit 3).

This award and successful contract negotiation initiated a project to inspect and analyze the impact of inflow and infiltration on the City's sanitary sewer system. The Consultant used several different methodologies to gain a comprehensive understanding of the City's sanitary sewer system.

The Consultant's report (Exhibit 4) has brought the City's attention to the problem of Fat, Oil and Grease (FOG) buildup in the City's sanitary sewer system. FOG buildup is a problem for multiple reasons: blockages result in sewer overflows, pumps sustain damage, chemicals to liquefy FOG are expensive, and extra staff time is needed to clean sewer lines. Most utilities must deal with this problem and Hallandale Beach is no different. FOG buildup is a complex problem, however it can be managed through a robust pretreatment program at the source (in the restaurant) combined with education, outreach, and enforcement, if necessary. The pictures below show the effect of FOG in the sewer systems. Staff has determined that a successful pretreatment program should be predicated on an Ordinance, which will serve to guide and set the legal parameters under which such a program is implemented.



Current Situation:

Fat, Oil and Grease (FOG) Implementation Program - As mentioned above, in the first paragraph of this report, some system deficiencies can be addressed in-house. Staff can address the FOG buildup problem in house, via adopting a Grease Trap Ordinance. The current Building Code (Sec. 1003) and City Administrative Policy No. 2014.003 (Exhibit 5) require establishments that serve or prepare food to install grease traps; however, it has been discovered that of 101 establishments identified so far, 26 do not comply with these requirements. Adopting a Grease Trap Ordinance will lend more weight to these requirements by making them mandatory and enforceable.

Staff is in the process of preparing a comprehensive list of establishments that either serve or prepare food in the City. A field audit will be completed to finalize this process. This audit will also detail a final number of establishments that are currently out of compliance with the City's current grease trap policies. Staff from the Utilities Division, Finance Department, Code Enforcement Division and Development Services Department, have worked together to define their role in enforcing the proposed Ordinance and have developed a Standard Operating Procedure (SOP) to ensure success moving forward (Exhibit 6).

The proposed Ordinance to regulate grease traps (Exhibit 1) provides for the following:

- Policy Purpose: Sets forth uniform requirements for users of the City of Hallandale Beach Utilities to capture and dispose of fats, oil and grease (FOG) and enables the City to comply with all applicable state and federal laws, including the Clean Water Act, 33 U.S.C., § seq.; 1251, et seq.; and the General Pretreatment Regulations, Title 40 C.F.R. Part 403.
- Sets forth requirements for new and existing facilities, including maintenance/cleaning and record keeping requirements
- Outlines compliance and monitoring procedures
- Implementation will be based on an education program prioritizing voluntary compliance.
- Provides graduated penalties, from a monetary fee to termination of operations in the most extreme cases.

Why Action Necessary:

Pursuant to Article V, Division 1, Section 5.01 of the City of Hallandale Beach Charter, a City Ordinance shall be adopted to establish a rule or regulation the violation of which carries a penalty.

Cost Benefit:

The continual accumulation of grease into the system increases the opportunity of sewage backups in the community. This increases operating costs related to responding to these infrastructure emergencies. In addition, the low pH associated with grease and oil renders it corrosive and damaging to equipment and piping throughout the city. This ordinance, along with an inspection process for compliance reduces the fiscal impacts to the overall operation and maintenance of the sanitary sewer infrastructure.

Proposed Action:

Staff recommends approval of the attached Ordinance, which establishes regulations to reduce the occurrence of problems associated with Fat, Oil and Grease (FOG) buildup in the City's sanitary sewer system.

Attachment(s):

- Exhibit 1 – Proposed Ordinance
- Exhibit 2 – Resolution 2017-034
- Exhibit 3 – Executed Public Utility Management Planning Services Contract
- Exhibit 4 – Public Utility Management Planning Services Report
- Exhibit 5 – Administrative Policy 2014.003
- Exhibit 6 – Grease Trap Ordinance Standard Operating Procedure