



CITY OF NOVI CITY COUNCIL
DECEMBER 16, 2024

SUBJECT: Approval to award a contract to Eganix, Inc., to conduct a pilot FOG (Fats, Oils and Grease) Prevention Program.

SUBMITTING DEPARTMENT: Department of Public Works, Water and Sewer Division

KEY HIGHLIGHTS:

- Fats, Oils and Grease (FOG) is a consistent maintenance problem and a common cause of sanitary sewer backups.
- FOG Prevention Program involves inspection of food service establishments and working with them to install proper FOG management measures.
- Pilot program would include 50 facilities to confirm the program meets our goals.

FINANCIAL IMPACT

	FY 2024/25
EXPENDITURE REQUIRED	\$ 46,800
BUDGET Water & Sewer Fund 592-536.00-936.040 Water Main Valve Maintenance Program	\$ 47,000
APPROPRIATION REQUIRED	\$ 0
FUND BALANCE IMPACT	\$ 0

BACKGROUND INFORMATION:

Fats, oils and grease in sanitary sewer systems, referred to as FOG, can cause sanitary problems for communities with a high volume of food service establishments. FOG buildup in pipes is a common cause of sewer backups, resulting in reactive emergency maintenance and, in some instances, clean-up cost and effort. Proper

management of FOG by restaurants, the typical source, can prevent blockages and protect the environment from overflows. Additionally, the associated routine maintenance required to clean the sanitary sewer system in areas prone to FOG build-up can be reduced.

Eganix, Inc. has established themselves as a leader in FOG prevention programs. They have partnered with OHM, one of the City's prequalified engineering firms, to develop a comprehensive solution integrated with Geographic Information Systems (GIS) to assist communities with FOG programs. Eganix staff will meet with Food Service Establishments to inspect and evaluate their facility, and work with them to make any appropriate corrections to properly manage FOG. Additionally, the program will collect samples to monitor the levels of FOG in a facility's effluent and recommend improvements to internal plumbing. Eganix will also keep track of each facility's cleaning records and enforcement (if needed). OHM has developed the "Overwatch" compliance tool, which is a custom-built GIS-based system, so staff can monitor status and access all current and historical reporting for the program.

Staff are proposing a pilot program involving 50 food service establishments out of the ~160 total in Novi. Per the attached Eganix proposal, the pilot program would cost \$46,800. If fully implemented the city-wide program would cost approximately \$93,000 annually.

Letters from Eganix and OHM are included in the packet regarding sole source method and compliance tools to initiate the pilot program immediately following approval.

RECOMMENDED ACTION: Approval to award a contract to Eganix, Inc., a sole source provider, to conduct a pilot FOG (Fats, Oils and Grease) Prevention Program, in the amount of \$46,800.