

Water & Wastewater



GENERAL INFORMATION AND INDUSTRIAL PRETREATMENT REQUIREMENTS

NEW BUSINESS,
CHANGE OF TENANT OR
OWNERSHIP

Water & Wastewater Impact Fees

Water and Wastewater Impact Fees are required by every property owner connecting to or utilizing the City's Water and Wastewater Collection Systems. [Reference Florida Impact Fee Act, F.S. 163.31801 and City of Winter Park Code of Ordinances Chapter 102 Utilities: Article III Water Service, Section 102-57 Water Impact Fees and Article IV Sewers and Sewage Disposal, Section 102-92 Impact Fees]

Water and Wastewater Impact Fees shall be assessed and collected prior to receipt of the Business Certificate, permit issuance, or initiation of the water service. To inquire if Water and Wastewater Impact Credit exists, please contact waterwastewater@cityofwinterpark.org. Impact Fees are assessed upon the total seat capacity or plumbing fixtures, whichever creates the highest demand.

Within City limits

- Establishments with seat capacities [interior and exterior/café] of 149 or less shall be assessed \$337.53 per seat.
- Establishments with seat capacities [interior and exterior/café] of 150 or greater shall be assessed \$450.04 per seat.

Outside City limits

The former tenants DBPR Form or Orange County Business/Tax Certificate notating the approved seat quantity is required to assess the facilities' Water and Wastewater Impact Fee Credit.

- Establishment with seat capacities [interior and exterior/café] 149 or less shall be assessed \$421.92 per seat.
- Establishment with seat capacities [interior and exterior/café] 150 or greater shall be assessed \$562.56 per seat.

General Information

Facilities that fall under the jurisdiction of the pretreatment ordinance are required to have a water meter solely utilized by that patron. [Reference City of Winter Park Code of Ordinances Chapter 102 Utilities, Article IV Sewers and Sewage Disposal, Sections 102-114 through 102-116]

If a separate meter is required;

- Provide a Site Plan depicting the location and size of the proposed water meter and the connection to the building.
- Provide a Plumbing Plan; depict the disconnection from the existing water service line, within the building and the reroute to the new water service line and meter.

Pretreatment/Grease Interceptor Specifications

Any establishment that introduces organic waste, sugar byproducts, fat, oil or grease into the Wastewater Collection System is required to have a Pretreatment Device, commonly known as a grease trap/interceptor. A grease interceptor/trap is a pretreatment requirement that reduces the negative impact such noted materials have on the City's Wastewater Collection and Treatment System. [Reference Florida Plumbing Code Chapter 10, Section 1001; Traps, Interceptors and Separators and the City of Winter Park Code of Ordinances Chapter 102 Utilities, Article IV Wastewaters and Sewage Disposal, Sections 102-98 and 102-114 through 102-116]

- **Exterior Grease Trap**

Utilized at food establishment exceeding a 40-seat capacity [interior and exterior/café], grocery stores, breweries, bakeries, mixed use [retail, take out or dining], catering facilities, facilities with a drive-thru and facilities with a high volume take out window.

- **Interior-Under the Sink Grease Interceptor**

Utilized at food establishments where the proposed or future seat capacity [interior and exterior/café] does not exceed 40 seats. All proposed interceptors shall be Plumbing and Draining Institute approved. Facilities that have less than 40 seats and fall within the parameters noted above or the City deems necessary may be required to install an exterior grease trap.

The City of Winter Park's Pretreatment Sizing Calculation is a minimum sizing standard. Each facility shall meet the City's minimum sizing standards. However, it is the responsibility of each facility to independently assess their pretreatment needs; providing sufficient capacity and simultaneously complying with the City's maintenance specifications. The City of Winter Park will be enforcing the Grease Management Ordinance. [Reference City of Winter Park Code of Ordinances Chapter 102 Utilities, Article IV Sewers and Sewage Disposal, Section 102-115]

Application Packet Requirements

[four scenarios provided]

Exterior Grease Trap » New Facility

- Floor Plan:
 - ❖ Illustrate and notate in a table format the interior number of seats, exterior/café number of seats as well as the grand total, and hours of operation. Outdoor dining is a popular alternative and the plans shall clearly state "no exterior seating" or depict and notate otherwise.
- Survey depicting existing water and wastewater conditions and easement, if one exists.
- Site Plan depicting the location and size of the water meter, sewer lateral location and the proposed location of the grease trap tank(s) and the connection to sanitary sewer lateral.
- Fixture Equipment Plan:
 - ❖ List all plumbing fixtures and quantities.
 - ❖ List manufacturer and model.
- Plumbing Plan/Schematic:
 - ❖ Illustrates and notates all fixtures; fixtures tied to the grease waste line and fixtures tied to the sanitary sewer line. Any fixture that has the potential to introduce organic waste, grease, oil or fat into the Wastewater Collection System shall be connected to the grease trap [mop sink, floor sink, floor drain, trench drain, prep sink, three compartment sink, dishwasher, warewasher, etc.]. Per the Florida Plumbing Code, hand sinks are not required to be connected to a grease trap.
 - ❖ Formulate the comprehensive sizing calculation notating the grease trap size. At a minimum, sizing calculations shall be based upon the City of Winter Park's Sizing Specification (noted below).
 - ❖ HVAC and cooler condensate are strictly prohibited from discharging into the City's Wastewater Collection System. Clearly depict the discharge line and location for these devices.

- Provide grease trap product submittal and cutsheets to include the manufacturer, model, size and specifications. All tanks and lids shall be AASHTO H20 traffic rated.

Exterior Grease Trap » Existing Grease Trap Proposed to be Utilized

- Floor Plan:
 - ❖ Illustrate and notate in a table format the interior number of seats, exterior/café number of seats as well as the grand total, and hours of operation. Outdoor dining is a popular alternative and the plans shall clearly state “no exterior seating” or depict and notate otherwise.
- Survey depicting existing water and wastewater conditions and easement, if one exists.
- Site Plan depicting the location and size of the water meter, sewer lateral location and the location of the existing grease trap tank(s) and the connection to the sanitary sewer lateral.
- Fixture Equipment Plan:
 - ❖ List existing and proposed plumbing fixtures and quantities.
 - ❖ List manufacturer and model of existing and proposed plumbing fixtures.
- Plumbing Plan/Schematic:
 - ❖ Illustrate and notate all fixtures; fixtures tied to the grease waste line and fixtures tied to the sanitary sewer line. Any fixture that has the potential to introduce organic waste, grease, oil or fat into the Wastewater Collection System shall be connected to the grease trap [mop sink, floor sink, floor drain, trench drain, prep sink, three compartment sink, dishwasher, warewasher, etc.]. Per the Florida Plumbing Code, hand sinks are not required to be connected to a grease trap.
 - ❖ Formulate the comprehensive sizing calculation notating the grease trap size. At a minimum, sizing calculations shall be based upon the City of Winter Park’s Sizing Specification (noted below).
 - ❖ HVAC and cooler condensate are strictly prohibited from discharging into the City’s Wastewater Collection System. Clearly depict the discharge line and location for these devices.
- NOTE: Grease trap tank(s) shall be pumped, sized and certified by an independent licensed contractor. Tank(s) shall be structurally sound and in proper operating condition. The City of Winter Park’s Industrial Waste Inspector is required to be onsite during the pump out; please contact Samuel Cruz [407-599-3461] to schedule. The Industrial Waste Inspector’s approval and an acceptable certification are required prior to permit approval, Business Certificate approval, or the initiation of water. Utilize the “4015-Existing System and System Repair Evaluation Form.” Complete the Applicant, Existing Tank Information, and Signature sections. **Traps shall be certified and approved prior to permit approval.** If not received the permit review will be on hold until completion. Additional comments shall be forthcoming if the trap is found to be structurally noncompliant or insufficiently sized.

City of Winter Park’s external grease trap interceptor sizing calculation

$$(S) \times (GS) \times (HR/12) \times (LF) = \text{Effective Capacity of Grease Trap in Gallons}$$

S = Total Seating Number	GS = 18.75
HR = Hours of Operation/12	LF = 1 [Loading Factor]

Interior Grease Interceptors (under-the sink) » New Facility

- Provide a Demo Plan depicting the existing plumbing fixtures.
- Floor Plan:
 - ❖ Illustrate and notate in a table format the interior number of seats, exterior/café number of seats as well as the grand total, and hours of operation. Outdoor dining is a popular alternative and the plans shall clearly state “no exterior seating” or depict and notate otherwise.
- Fixture Equipment Plan:
 - ❖ List all plumbing fixtures and quantities.
 - ❖ List manufacturer and model.

- Plumbing Plan/Schematic:
 - ❖ Illustrate and notate the location, type and size of the proposed interceptor.
 - ❖ Illustrate and notate all fixtures; fixtures tied to the grease waste line and fixtures tied to the sanitary sewer line. Any fixture that has the potential to introduce organic waste, grease, oil or fat into the Wastewater Collection System shall be connected to the grease interceptor [mop sink, floor sink, floor drain, trench drain, prep sink, three compartment sink, dishwasher, warewasher etc.].
 - ❖ List fixtures flow rates (gpm) for all devices connected to the grease interceptor.
 - ❖ Formulate the comprehensive grease interceptor sizing calculation utilizing the below noted formula. Dishwashers, warewashers, floor sinks, floor drains and trench drains shall be included within the calculation. Applicant may utilize manufacture gpm flow rate for these devices or utilize the below noted formula (the 25% reduction shall not apply). Manufacture Material submittals may be requested to verify gpm flow rates.
 - ❖ Provide grease interceptor product submittal and cutsheets to include the manufacturer, model, size and specifications.

Interior Grease Interceptor (under the sink) » Existing Grease Trap Proposed to be Utilized

- Provide a Demo Plan depicting the existing plumbing fixtures.
- Floor Plan:
 - ❖ Illustrate and notate in a table format the interior number of seats, exterior/café number of seats as well as the grand total, and hours of operation. Outdoor dining is a popular alternative and the plans shall clearly state “no exterior seating” or depict and notate otherwise.
- Fixture Equipment Plan:
 - ❖ List existing and proposed plumbing fixtures and quantities.
 - ❖ List manufacturer and model of existing and proposed plumbing fixtures.
- Interior Grease Trap Inspection:
 - ❖ An inspection by the City of Winter Park’s Industrial Waste Inspector is required prior to the Building Permit Application Submittal; please contact Sam Cruz [407-599-3461] to schedule. The grease interceptor shall meet the current sizing requirements, be structurally sound, accessible, meet installation specifications, and have the required fixtures [noted below] connected to the grease waste line.
- Plumbing Plan/Schematic:
 - ❖ Illustrate and notate the location, type and size of the existing interceptor.
 - ❖ Illustrate and notate the existing and proposed fixtures; fixtures tied to the grease waste line and fixtures tied to the sanitary sewer line. Any fixture that has the potential to introduce organic waste, grease, oil or fat into the Wastewater Collection System shall be connected to the grease interceptor [mop sink, floor sink, floor drain, trench drain, prep sink, three compartment sink, dishwasher, warewasher etc.].
 - ❖ List fixtures flow rates (gpm) for existing and proposed devices connected to the grease interceptor.
 - ❖ Formulate the comprehensive grease interceptor sizing calculation utilizing the below noted formula. Dishwashers, warewashers, floor sinks, floor drains and trench drains shall be included within the calculation. Applicant may utilize manufacturer flow rate for these devices or utilize the below noted formula (the 25% reduction shall not apply). Manufacturer product submittals may be requested to verify flow rates.

City of Winter Park’s interior grease trap interceptor sizing calculation

1. Calculate the capacity of the device in cubic inches
 $\text{_____ (width)} \times \text{_____ (depth)} \times \text{_____ (height)} = \text{_____ cu. in.}$
2. Convert the capacity from cubic inches to gallons per minute (gpm)
 $\text{_____ cu. in.} \div 231 = \text{_____ gpm}$
3. Adjust for displacement
 $\text{_____ gpm} \times 0.75 = \text{_____ gpm}$

*Result is the flow rate required to drain the fixture in one-minute and the alternate two-minute calculation is not accepted.