



INDUSTRIAL WASTE – BUILDING PLAN REVIEW CHECKLIST

This checklist outlines the industrial waste (IW) requirements that must be addressed during the building plan review process to ensure compliance. Dependent on the project, portions of the checklist may not be applicable, is not all encompassing, and additional information may be required during the review process. Please visit our website for further information: [Industrial Waste Control / Pretreatment | AustinTexas.gov](http://www.austintexas.gov/industrial-waste-control-pretreatment)

GENERAL CONDITIONS

Sample Port Requirements

- Does the approved site plan or Site Plan Exemption match the building plan? i.e. is grease interceptor (GI) shown on site plan (if exterior)
- Does the sample port shown on the site plan align with the plumbing plans? Note the type of sample port (2-way clean-out (CO), large diameter clean-out (LDCO), or wastewater manhole (WWMH) and location (public or private).

Plumbing plans should be included and clearly drawn. The plans must include:

- Layout of piping with labels identifying the type and diameter of the pipe (e.g., 2" water, 3" wastewater, 4" grease waste, natural gas, medical gas, auxiliary or reclaim water, etc.)
- Isometric projection (garage riser, grease riser, sanitary riser) with GI shown connected
- Type of plumbing fixtures (floor drain, floor sink, etc.) with specifications
- Type of pretreatment device employed, including specifications and where it will be placed
- Stamp by a professional engineer, licensed plumber, or other professional authorized by the State of Texas or Austin City Code (> 5000 sq. ft requires a PE seal)
- Identification of all indirect sources of wastewater on the plumbing plan or riser sheets
- For the installation of an exterior GI, the influent, effluent, and venting piping should be shown on the appropriate plan sheets.

Remodel

- Is there differentiation between existing and proposed infrastructure?
- If existing GI; will it be reused, replaced, completely removed, or abandoned in place, please include this form: [Grease Trap Abandonment/Removal Requirements for Properties Receiving Wastewater Service from Austin Water](#)

Mixed-use development

- If mixed-use with more than one city-set water meter, is commercial water and wastewater separate from domestic water and wastewater discharge?

Multi-family development

- Determine the types of amenities proposed – club house, car wash, bar, dog park*, etc. Requirements/comments will vary based on proposed amenities.
- *Dog parks - Per the Watershed Protection Department, a drain for a dog park cannot be routed to storm. If there is a drain routed to the sanitary system, the dog park will have to be covered to prevent rainwater from entering the sanitary system.

PRETREATMENT NEEDED FOR FOLLOWING OPERATIONS

FOOD PREPARATION

Central Prep Facility

- Will the facility be used as a Central Prep Facility (CPF or 'commissary kitchen')? If so, mop sink or other Mobile Food Vendor (MFV) wastewater receiving fixture must be routed to grease waste. Industrial Waste **will not** approve an establishment to operate as a CPF if the grease interceptor is less than 500 gallons (liquid holding capacity).

Grease Interceptor (GI)

- Determine if food prep. or handling is taking place. If eligible to operate without a GI, customer must submit this form: [Grease Interceptor Installation Variance Request \(GIIVR\) Form](#). The form must be signed by the owner or Responsible Official (not a consultant or agent).

- Food preparation is defined by IW as any alteration to a food product (e.g., heating a pastry, slicing a sandwich, making a salad).

- In office buildings, will break rooms include food prep?
- In bars, how will food be prepared or made available?
- Letter to Health Department describing food prep provided?
- Does equipment exist that would facilitate food prep and clean-up (stoves, 3-comp sink, ovens, etc.)

- Are all appropriate fixtures routed to the grease trap?
- If there is a proposed grease trap size, is it sized appropriately?
- Is it the approved design detail included on the Details page?

Note: Facilities with GIs that are older than 10 years (but less than 20) may be inspected at the discretion of the IW reviewer. Inspections should occur at a mutually agreeable time that allows IW personnel to be present. Inspection of the GI may occur after approval of the plans, but prior to issuance of any building permits. If 20 years or older, known to be failing, etc., the GI is not eligible for delayed inspection.

Fermented Beverage Producer

Review and complete the following attachments which can be found here: [Fermented Beverage Producers](#)

- Fermented Beverage Producer Supplementary Questionnaire (fill out/return)
- GIU WW Discharge Permit Application (fill out/return)
- Generic Fermented Beverage Wastewater SOP (customer to furnish their own version)
- WW & Solids Tracking Log (customer to furnish their own version)
- Fermented Beverage Producer FAQs & Requirements

PHOTO PROCESSORS AND X-RAYS

- Verify the photo process to determine if digital or non-digital (analog) processing.
- If non-digital, pretreatment such as a silver recovery unit may be required, and additional information will be needed.

PARKING GARAGES – MIXED-USE ONLY; MULTI-FAMILY NOT APPLICABLE

Determine if garage drains are routed to storm or sanitary.

- Routed to sanitary: Considered “closed” and pretreatment, such as a sand/oil interceptor is required. Closed system will not receive rain/stormwater runoff, are completely or most sides enclosed, with floor drains/trench drains below-grade.
- Routed to storm: Considered “open” and pretreatment is not required. Open system will receive rain/stormwater runoff.
- Meets criteria: [Sizing Criteria for Parking Garage Sand/Oil Interceptors](#)

CAR WASHES

- Pretreatment is required (i.e. a mud box with grated lid and sand/oil interceptor [grit trap]). Size is based upon the number of automated and hand-operated wash bays present in the car wash.
- Meets criteria: [Sizing criteria for Car Wash Grit Traps](#)

ELEVATOR SUMP PUMPS

- Verify that the elevator will discharge to the storm line.
- If discharging to storm line is infeasible, provide a detailed explanation indicating the reasons.

POOLS

- Ensure a Diatomaceous Earth (DE) filter is not proposed.
- If cartridge filter is proposed, this indicates a closed loop with no backwash.
- If sand filter is proposed, ensure discharge is routed to landscape. If discharging to landscape is infeasible, provide a detailed explanation indicating the reasons.

GARBAGE / DUMPSTER AREAS
<input type="checkbox"/> Garbage drains should not have a dedicated grease trap nor route to a sand/oil interceptor. <input type="checkbox"/> For mixed-use facilities, when possible, route to an existing grease interceptor. Otherwise, route to sanitary without treatment, provided the drain is protected from stormwater infiltration.
SIGNIFICANT INDUSTRIAL USERS (SIUs) AND CATEGORICAL INDUSTRIAL USERS (CIUs)
<input type="checkbox"/> Does the proposed industry meet specific definitions of a “significant industrial user” or a “categorical industrial user” per 40 CFR Part 400-699? Examples: Semiconductor industry, hospitals, metal finishing industry, an industry that discharges 25,000+ gallons of wastewater/day. <input type="checkbox"/> If so, submit a SIU application to the Special Services Division found here: Wastewater Discharge Permits
GENERAL INDUSTRIAL USER (GIU) WASTEWATER DISCHARGE PERMIT APPLICATION
<input type="checkbox"/> If industrial wastewater will be discharged from the facility, a GIU permit application may be required and found here: Wastewater Discharge Permits A GIU permit application may not be required for the following industries: bakeries, barbershops, bars, car washes, daycare facilities, grocery stores, coin-operated laundromats, pet grooming, restaurants and other food service establishments, salons, schools, and multi-family complexes. Note: Industrial Waste reserves the right to request a permit application for any business per Chapter § 15-10 – Article 6, of the Austin City Code (Permit Process)
DENTAL INDUSTRIAL USERS (DIU)
<input type="checkbox"/> Dentists must comply with the DIU regulations (below) found here: Federal Dental Effluent Rules <ul style="list-style-type: none"> ▪ completion of a Dental Discharger’s One-Time Compliance Report form: Dental Discharger’s One-Time Compliance Report ▪ potentially the installation of a laboratory solids trap for model trimmer wastes, and ▪ an approved amalgam separator