

DRAFT Ordinance No. 93
AN ORDINANCE DEFINING CAPACITY FOR THE WATER RECYCLING
FACILITY'S AND ESTABLISHING REGULATIONS FOR ACCEPTANCE OF
INDUSTRIAL LOADS

WHEREAS, the Ironhouse Sanitary District ("District") provides wastewater collection and treatment services primarily to residential customers within its service area; and

WHEREAS, while the District's Water Recycling Facility ("WRF") has capacity to accept additional wastewater, the facility was designed primarily to treat domestic residential wastewater with predictable flows and pollutant characteristics; and

WHEREAS, industrial wastewater discharges can vary significantly in flow, strength, and composition, including pollutants such as biochemical oxygen demand, total suspended solids, nutrients, and ammonia, which may interfere with treatment processes, pass through the facility, or impact biosolids and recycled water quality; and

WHEREAS, to protect public health, preserve treatment capacity, ensure regulatory compliance, and maintain the operational integrity of the WRF, it is necessary to establish uniform policies, permit requirements, and monitoring procedures for acceptance of industrial loads.

NOW, THEREFORE, the Board of Directors of the Ironhouse Sanitary District does hereby ordain as follows:

SECTION 1. SHORT TITLE.

This Ordinance shall be known and referred to as the "Ironhouse Sanitary District Industrial Load Limits Ordinance."

SECTION 2. PURPOSE AND INTENT

The purpose of this Ordinance is to define and manage the Water Recycling Facility (WRF) treatment capacity of the Ironhouse Sanitary District ("District"), establish uniform policies for evaluating and accepting industrial wastewater discharges, and protect the District's infrastructure, personnel, and service area from adverse impacts associated with industrial loadings.

It is the intent of this Ordinance to:

- Protect public health, worker safety, and the environment from harmful industrial discharges, including ammonia.
- Preserve WRF treatment capacity for current and future community needs.
- Maintain compliance with the District's NPDES permit, the Clean Water Act, and federal pretreatment requirements (40 CFR Part 403).
- Prevent interference, pass-through, or damage to treatment processes and equipment.
- Ensure equitable cost recovery for industrial use of District facilities.

- Encourage waste minimization, pretreatment, and pollution prevention practices.

SECTION 3. DEFINITIONS

For the purposes of this Ordinance, the following definitions shall apply:

a. WRF (Water Recycling Facility) Capacity:

The total treatment capacity of the District's wastewater treatment facilities, expressed in terms of:

- Average Daily Flow, in million gallons per day (MGD).
- Peak Wet Weather Flow (PWWF) in MGD.
- Biochemical Oxygen Demand (BOD), expressed in mg/L.
- Total Suspended Solids (TSS), expressed in mg/L.
- Nutrient Loadings (e.g., Total Inorganic Nitrogen (TIN), Ammonia-Nitrogen, NH₃).
- Hydraulic (flow) and loading (organic and inorganic) capacities as permitted under the District's NPDES permit.

b. Industrial User:

Any non-domestic source of wastewater that discharges to the WRF, including manufacturing, processing, service, or commercial operations regulated under the federal Pretreatment Program (40 CFR Part 403).

c. Significant Industrial User (SIU):

As defined in 40 CFR §403.3(v), including any user subject to categorical pretreatment standards or discharging 25,000 gallons per day or more of process wastewater.

d. Industrial Load:

Wastewater originating from an Industrial User containing pollutants that differ in strength, volume, or composition from typical domestic sewage, including ammonia.

SECTION 4. WRF CAPACITY MANAGEMENT

a. Capacity Determination:

The District shall maintain a current **WRF Capacity Report** identifying available and allocated treatment capacity, based on current operations, future growth projections, and permit limitations.

b. Capacity Allocation:

Capacity shall be allocated through connection permits or service agreements, and must consider:

- Current flows and loadings, including ammonia
- Planned development
- Reserve capacity for emergencies or critical public uses

c. Capacity Impact Review:

All proposed new or expanded industrial discharges shall undergo a Capacity Impact Review to assess:

- Compatibility with existing WRF processes
- Potential to exceed current capacity, including ammonia treatment capacity
- Impacts to biosolids, odor control, corrosion, and effluent quality

SECTION 5. ACCEPTANCE OF INDUSTRIAL LOADS

a. Pre-Approval Required:

No Industrial User shall discharge to the WRF without a written Industrial Waste Discharge Permit issued by the District.

b. Permit Application:

Applicants must submit:

- Description of industrial processes
- Flow and loading estimates, including Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS), and Ammonia
- Pollutant concentrations, and expected variations
- Material Safety Data Sheets (MSDS) for relevant chemicals
- Description of pretreatment systems (if any)
- Waste minimization plans and pollution prevention plans

c. Technical Evaluation:

The District shall evaluate all proposed industrial discharges to ensure compatibility with WRF operations and available treatment capacity. Industrial wastewater accepted to the WRF shall not exceed the following domestic-strength design limits unless specifically approved by the District under a separate agreement or permit condition:

Parameter	Maximum Concentration (mg/L)	Basis
Biochemical Oxygen Demand (BOD ₅)	350	Typical Domestic Strength
Total Suspended Solids (TSS)	350	Typical Domestic Strength
Ammonia (as NH ₃)	35	Typical Domestic Strength

Discharges exceeding these thresholds shall require a Capacity Impact Review and will be subject to additional pretreatment, monitoring, or surcharge requirements.

d. Pretreatment Requirements:

The District may require pretreatment for pollutants, including ammonia, that may cause interference, pass-through, or exceed local discharge limits. All pretreatment systems shall be operated, maintained, and monitored in accordance with the permit conditions, and the costs shall be paid by the industrial users.

e. Monitoring and Reporting:

Permitted Industrial Users shall be subject to:

- Flow metering
- Continuous Sampling and laboratory testing, including ammonia monitoring, paid for by the industrial user.
- Quarterly reporting
- Periodic inspections and compliance audits

f. Fees:

Industrial dischargers shall pay:

- Permit application and renewal fees
- Monthly industrial surcharge fees based on pollutant loadings, including ammonia

SECTION 6. ENFORCEMENT AND VIOLATIONS

a. Enforcement:

Violations of this Ordinance shall be subject to enforcement under District Ordinance No. 63 and may include:

- Administrative penalties
- Cease and desist orders
- Revocation of permit
- Civil or criminal prosecution as authorized under California Government Code §54740 et seq.

b. Immediate Suspension:

The District may immediately suspend discharges that threaten public health, worker safety, or facility operations.

SECTION 7. SEVERABILITY

If any section, subsection, sentence, clause, or phrase of this Ordinance is held to be invalid, the remaining provisions shall remain in full force and effect.

SECTION 8. EFFECTIVE DATE

This Ordinance shall take effect thirty (30) days after its adoption and publication as required by law.

NOW, THEREFORE, BE IT FURTHER RESOLVED, by the Board that, based on the foregoing facts and circumstances and on the entire administrative record, the

Board hereby finds and determines as follows:

1. The Board does hereby find that the above-referenced recitals are true and correct and material to the adoption of this Ordinance.
2. This is both an ordinance and an order establishing a general regulation. If any portion of this ordinance or order is determined invalid or unenforceable for any reason by a court of competent jurisdiction, then such portion shall be deemed severed to the extent of the invalidity or unenforceability, and the remainder of this ordinance and order shall remain in full force and effect.
3. The District Secretary is hereby designated as the officer to publish or post this ordinance and order pursuant to applicable legal requirements.

I hereby certify that the foregoing is a full, true and correct copy of an ordinance duly passed and adopted by the Ironhouse Sanitary District Board of Directors at a meeting thereof held on the 22nd day of July, 2026.

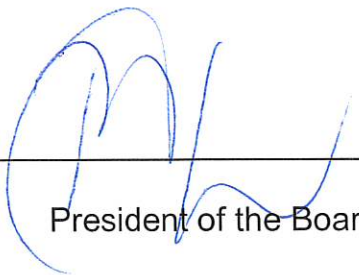
AYES, and in favor thereof, Members: A. Lowrey, C. Lauritzen, D. Verduzco, D. Morrow, and P. Zirkle.

NOES, Members: None.

ABSENT, Members: None.



Cecilia Goff
Secretary to the Board
(SEAL)

APPROVED: 

President of the Board