

## Our Wastewater Treatment Facility: A Strategic Advantage for Your Operations

At Centenario Industrial Park, we have incorporated a cutting-edge wastewater treatment facility to provide you with environmental safety, operational savings, and regulatory assurance from the outset. By implementing this system on-site, you will benefit from advantages that are seldom available in other industrial parks:

### 1. Seamless regulatory compliance

Discharge authorized in accordance with NOM-002-SEMARNAT-1996 and state conditions, accompanied by ongoing monitoring of essential parameters (COD, pH, nitrogen, phosphorus, turbidity, residual chlorine, etc.).

- Periodic reports automatically produced by our SCADA system, prepared for review by environmental authorities.
- Decrease in the likelihood of sanctions and operational interruptions resulting from non-compliance with discharge limits.

### 2. Reductions in water management expenses

On-site treatment eliminates external costs associated with municipal or private facilities.

- Recirculation and potential reuse of treated effluent for the irrigation of green spaces, cooling towers, or compatible industrial processes.
- Enhancing freshwater utilization, minimizing its water footprint and related expenses.

### 3. Dependable, round-the-clock operation

- Enhanced automation utilizing PLC and SCADA for the remote monitoring of each phase: pretreatment, physical-chemical processes, biological treatment, and disinfection.
- Real-time alerts and reports to anticipate and address any deviations before they impact your production.
- Planned maintenance and skilled support staff to guarantee optimal performance.

### 4. Dedication to sustainability

- Activated sludge technology and low-energy multimedia filtration systems.
- Environmentally friendly disinfection alternatives (UV or hypochlorite), reducing chemical usage.
- Sludge pressing and drying systems that promote responsible solid waste management.