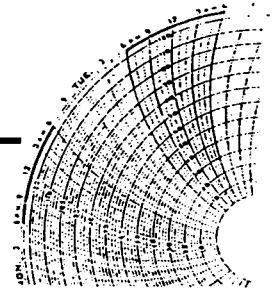




ISA—The Instrumentation, Systems,  
and Automation Society

ORANGE COUNTY SECTION  
[www.isa.org/~oranc/](http://www.isa.org/~oranc/)



# CHART

September 2001

*Please join the Orange County  
and Los Angeles Sections on*

**Tuesday, September 18th  
at 1:00 p.m.**

for a tour of the

## Hyperion Wastewater Treatment Plant

**RSVP: [www.isala.org](http://www.isala.org)**

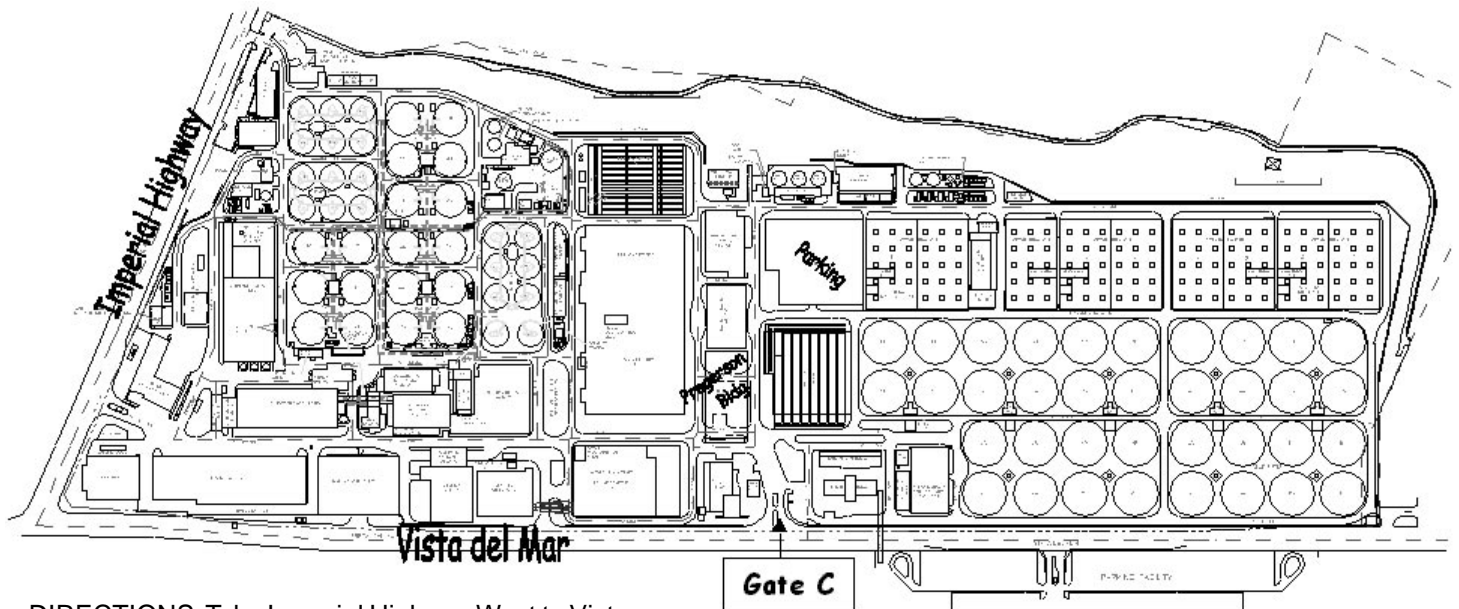
Almost all of the wastewater produced in greater Los Angeles and some nearby cities is filtered through the Hyperion Wastewater Treatment Plant. Located in Playa del Rey, California the plant sits on 144 acres of land, adjacent to Santa Monica Bay and Los Angeles International Airport. It processes approximately 360 million gallons of wastewater per day.

Once the wastewater enters the plant, it goes through a series of processes until the effluent and the solids have been separated. The effluent is sent through screens, grit removal tanks, underground tanks where oil and grease are removed and outdoor clarifying tanks, where it is further purified. It is then pumped into Santa Monica Bay.

The solids are sent to anaerobic digesters. Bacteria in the digesters consume about half the organic matter in the sludge, and produce methane gas. The methane gas is then used to fuel the Scattergood Steam Generating Plant.

The remaining solids are then processed to remove any liquid left in them, producing a product rich in nitrogen, phosphorous, fats, proteins and carbohydrates, a perfect organic fertilizer. Farms in central and southern California use this wastewater by-product to grow non- food crops such as cotton and animal feed.

## Hyperion Wastewater Treatment Plant



**DIRECTIONS:** Take Imperial Highway West to Vista Del Mar. Turn left going south on Vista Del Mar. At the signal before the pedestrian bridge (signed "Hyperion"). Turn left into the plant at Gate C. Felsie Kidd will meet the group. He can be reached at (310) 648-5363. **Hyperion is located at 12000 Vista del Mar, Playa del Rey, CA 90293.** Plant Security, (310) 648-5399 or (310) 648-5814.