

# BIOSOLIDS LAND APPLICATION FACILITY

## THE CITY OF COLUMBUS NEEDED A FAST, STATE-OF-THE-ART SOLUTION.

Built in 1967, Southerly Wastewater Treatment Plant disposed of waste-activated biosolids by incineration. Following new EPA regulations, the City hired Kokosing Industrial to construct a Biosolids Land Application Facility for \$37.9 million.



## COMPLEXITY

**FASTEST PROJECT OF ITS SIZE IMPLEMENTED BY THE CITY.** Kokosing had 14 months to plan, execute and deliver the project.

◀ **EXTENSIVE INTERIOR AND UNDERGROUND PIPING WORK**, facilitated by Kokosing's self-performed 3D scan and BIM model.

◀ **COMPLICATED TIE INS TO MULTIPLE BUILDINGS**, in a fully operational plant.

## VALUED CLIENT

**UP-FRONT INVESTMENT.** Kokosing started preplanning eight weeks before contract execution.

◀ **WORKING IN THE HEART OF AN OPERATIONAL PLANT.** Kokosing coordinated over 100 outages with plant personnel.

**DELIVERING DIVERSITY.** Kokosing achieved the City's diversity participation goals.

## INNOVATION

**SPECIALY-CRAFTED MATERIALS AND COMPONENTS** came from across the U.S.

▶ **TWO MILLION GALLON CAST-IN-PLACE CONCRETE TANKS**, requiring over 100 concrete pours, up to 600 cubic yards of concrete in one placement.

▶ **BARGES USED IN HYDROTESTING PHASE**, providing a safe, level work surface.

## PROJECT MANAGEMENT

**PROVEN HISTORY AT THE PLANT.** Kokosing's history with the City of Columbus dates back 40 years. Staff members with previous experience weighed in on key aspects.

▶ **STELLAR SAFETY RECORD.** 200,000 manhours worked with zero recordable incidents and zero lost-time incidents.

