

## PROJECT PROFILE:

# WASTEWATER TREATMENT

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In response to the Metropolitan Water Reclamation District requirements, a steel manufacturer contracted Raffin Construction for the construction of a wastewater treatment facility to treat the effluent from its cooling tower in the BOF shop. The project required installation of two concrete basins for the primary sludge settling area, a ph adjustment pit, a secondary settling tank and a clear water sump, a slab for machine access to the basins for cleaning, a remote concrete containment pad for the acid tank and the rework of the lift station.



The primary settling tanks had to be installed while the untreated wastewater drained across the construction area. Sequencing of the work and sandbagging of the work area was required while the pits were installed. The balance of the work, in coordination with the mechanical prime contractor, had to be completed during a two week shutdown.

In spite of the challenging nature of the job, Raffin Construction worked with the owner to install the civil portion of the project within the framework of their tight schedule.