

Owls Head Wastewater Treatment Plant

Pier / Jetty | 2019



AI-generated illustrative rendering

CLIENT

Jacobs Engineering

LOCATION

6700 Shore Rd., Brooklyn,
NY 11220, United States

INDUSTRY

Construction and
Engineering

SERVICE

Structural Dynamic
Analysis; Continuous
Monitoring

IMPACT

Tracked crack movement during construction and documented that readings stayed below the project's internal alert level while monitoring was active.

CHALLENGE

Construction at Owls Head WWTP required movement tracking at the relieving pier and its cracks.

STRAAM APPROACH

STRAAM used six LVDTs and data acquisition at 200 samples per second through March 22, 2019, when monitoring ended.

RESULT

Movement at the monitored cracks stayed below the project's alert level during the covered period. Monitoring ended at NYC DEP's request.