

CASE STUDY

Dock 2B Fire Water Intake Structure, Sunoco Logistics

Marcus Hook, Pennsylvania



Pipe-Z wall constructed to form a cofferdam for a new fire water intake structure on the Delaware River in Marcus Hook, PA. The HP 14 x 89 were driven for foundation piles and were also installed as false work bracing for the pipe-Z cofferdam. Nucor Skyline's Engineering Department worked closely with Peirce Engineering in the design and sourcing of the material.

PROJECT PARTNERS

Contractor: Commerce Construction Corporation;

Engineers: S.T. Hudson Engineering, Peirce Engineering, Inc.

PRODUCTS

H-piles: HP 14 x 89 – 680 tons;

Pipe piles: 36" OD x 0.750" – 415 tons;

Sheet piles: NZ 19 – 125 tons