

Construction Photos at the North Site

January 30, 2012

Install shoring for tunnel boring machine retrieval shaft. Due to the site's high groundwater level, crews are installing a ring of overlapping concrete cylinders called secant piles to waterproof and support the excavation area without affecting groundwater levels in the surrounding neighborhood.

A guide wall is built to assist with secant pile installation (11/17/2011).



Secant pile driving
(12/14/2011).



BALLARD SIPHON

Replacement Project

Department of Natural Resources and Parks • Wastewater Treatment Division

Secant pile driving
(12/28/2011).



Secant pile driving
(1/12/2012).

