

3. Inspection Summary

Structural inspections were performed per American Society of Civil Engineers Manuals and Reports on Engineering Practice No 130, *Waterfront Facilities Inspection and Assessment*. Above-water, underdeck and above-deck inspections were performed. No underwater inspection was performed; the inspection was visual / tactile only (no material testing/sampling was performed).

An inspection team consisting of Liftech, Power Engineering Construction (Power, PEC), and ENGEO staff performed inspections of Berths 5-8 between March 18 and 19, 2025. On March 18, Liftech performed above-water inspections the outer wharf conditions including piles, soffit, face beams, sheet pile walls, and fenders using a work boat provided by PEC. Additionally, Liftech observed bollard and pavement conditions from above deck. ENGEO's assessment of the structure was limited to below deck and above water. On March 19, Liftech observed the inner wharves. As the inner wharf of Berths 7 and 8 is a confined space, Power provided safety training and supervision for working within this confined space. Liftech observed the timber piles, soffit, beams, and seismic tie beams. ENGEO observed the embankment that caused the pavement failure from above deck. Specifics of this inspection can be found in Attachment 8.2.

M&N staff performed inspections of the Graving Basin and Finger Pier structures on five separate days between February 27 and April 25, 2025.

The inspection was divided into two parts:

- 1) An "above water" visual and tactile inspection was performed from a small work boat. The exterior face and exterior columns of the graving basin structures and the concrete piles, beams, and underside of deck of the finger piers were observed. No destructive testing was performed as part of this inspection effort.
- 2) An "above deck" visual and tactile inspection was performed by walking inside the graving basin structures and on the topside of the deck of both basin and finger pier structures to observe the general condition. No destructive testing was part of this inspection effort.

Details of this inspection can be found in Section 5.

On March 27, 2025, Liftech staff performed a visual assessment of the Whirley Crane. Details of this inspection are included in Attachment 8.3.

