C.1 Vertical Control

The vertical datum for this project is Mean Lower Low Water.

Standard Vertical Control Methods Used:

Discrete Zoning

The following subordinate water level stations were established for this survey:

Station Name	Station ID
Outside Lopp Lagoon	9469515

Table 10: Subordinate Tide Stations

File Name	Status
9469515.tid	Final Approved

Table 11: Water Level Files (.tid)

File Name	Status
S313KR2015CORP_20151008.zdf	Final

Table 12: Tide Correctors (.zdf or .tc)

In addition to the subordinate tide station installed to support the project, submerged BMPG (bottom mounted pressure gauges) were also deployed throughout the survey area to capture zoning characteristics. Data from all stations were used to derive the tide zones.

C.2 Horizontal Control

The horizontal datum for this project is NAD83.

The projection used for this project is UTM Zone 3N.

The following PPK methods were used for horizontal control:

Single Base

The project base continuously logged GPS data at 1 Hz and was utilized to post-process position data in Applanix POSPac software. All real-time positions were replaced in processing with post-processed kinematic (PPK) solutions.

The following user installed stations were used for horizontal control:

HVCR Site ID	Base Station ID
0056	Outside Lopp Lagoon

Table 13: User Installed Base Stations