



DEM Procedures

Processing Procedures

Completely processed and quality-checked classified LAS files were imported into QCoherent's LP360 using the correct project Coordinate reference System. A project-wide elevation grid was created using ground class data (Bare Earth – 2) and hydro-flattened breaklines to enforce the water elevation. Once the elevation grid was created the data was then exported into 5,000 X 5000 foot tiles of 32-bit Floating Point ERDAS Imagine format (.img) using 2-foot resolution per cell (per QL2 requirements) tiled to the project boundary. The resulting *.img files are then loaded into ArcMap to test for proper coordinate projection, data integrity, and attributes.

Quality Assurance Procedures

A Continental Mapping proprietary tool was used to Q/C. This tool checks for abnormal spikes and mis-matched elevation values that would affect the DEM output in a previous Q/C step.