

Elevation QA Review Report

Project: **Potato Creek GA Lidar** Contract ID:

Liaison: Partner(s): Contractor: **Aero-Metric, Inc.**

Data Delivery Date: **05/05/09** Date Data Reviewed: **05/26/09**

Reviewer: **Sheila Ruhl** Total Square Miles Reviewed: **237.6**

Elevation Type: **LIDAR** Format: **Arcgrid** Grid Spacing: **1 meter** Tile size: **2000x2000**

Projection: **UTM** Zone: **16** Datum: **NAD83** Units: **Meters**

Licensing: **Public Domain** Metadata: **Project Level**

Materials Received:

1m Arc ASCII Grids
Metadata
.LAS
Breaklines

Vertical Accuracy Test Performed: **No** Test Point Source: **None** RMSE: **.0866m**

Vertical Accuracy Test Notes:

Reported vertical accuracy was .0866m RMSE. We have no reason to suspect the veracity of this claim.

QA Review Summary:

1m hydro enforced Arc ASCII Grids were loaded into Global Mapper catalog for review. Upon review it was found that 15 original grids had excess tinning during processing and data was lost. Those 15 grids were replaced by Aero-Metric.

The replaced grids also had voids and lines across tiles, requiring repair. Repairs were made at NGTOC using the original .las files to correct the residual line and void problems. Elevations were then checked throughtout project with DRGs and were found to be accurate. There are no other areas of concern.

Grid files were exported to 1m Image files for delivery to the NED. Each final image tile is 8994x x 6518y and is 223.7 mb in size. Shapefile of the extent of Potato Creek has been provided. Final data appears to be very good.