



National Geospatial Technical Operations Center

Data Delivery Checklist

The USGS National Geospatial Technical Operations Center, Data Operations Branch is responsible for conducting reviews of all Light Detection and Ranging (LiDAR) point-cloud data and derived products delivered by a data supplier before it is approved for inclusion in the National Elevation Dataset and Earth Explorer. The USGS recognizes the complexity of LiDAR collection and processing performed by the data suppliers and has developed a Quality Assessment (QA) procedure to accommodate USGS collection and processing specifications with flexibility. The goal of the process is to assure LiDAR data are of sufficient quality for database population and scientific analysis. The following is a checklist of project information and deliverables necessary for the QA procedure to be performed.

General Information

- Requestor: **Project Name:** Select
- LIDAR Collection Date(s): **Source of Deliverables:** Select
- Applicable USGS LIDAR Specification: Select
- Estimated Project Cost/Source of Estimate: **Can Corrections be Requested?:** Select
- Hydrological Treatment: Select
- State: Select
- Square Miles: **Drive Content Size:** Select
- Contract Limitations?: Select
- Quality Level: Select

5 → Central Lakes

Project Deliverables – Hover over deliverable for a brief description or click to view supporting documentation.

Provided	Deliverable	Location on Drive/Name of File(s) or Comments
<input type="checkbox"/>	Task Order/Statement of Work	See /task-order / - contract
<input type="checkbox"/>	Project Shapefile/Geodatabase	See /project/shp/workorder5/project-area.shp
<input type="checkbox"/>	Bare-Earth DEM Files	
<input type="checkbox"/>	Tiled LAS Files (Classified)	See /las/las-tiles
<input type="checkbox"/>	Independent Checkpoint Shapefile	See /project/shp/workorder5/validation-points.shp
<input type="checkbox"/>	Swath LAS Files	See /las/las-swath
<input type="checkbox"/>	Breakline Shapefiles/Gdb	
<input type="checkbox"/>	Bare-Earth DEM Footprint Shapefile	
<input type="checkbox"/>	Project Tiling Scheme Shapefile/Gdb	See /project/shp/workorder5/tiles.shp
<input type="checkbox"/>	Intensity Image Files (if available)	
<input type="checkbox"/>	Project XML Metadata	
<input type="checkbox"/>	Tiled LAS File XML Metadata	See /xme/workorder5-metadata <ul style="list-style-type: none"> Are DEM.xml Breaklines.xml LAS.xml
<input type="checkbox"/>	Breakline XML Metadata	
<input type="checkbox"/>	Bare-Earth DEM File XML Metadata	
<input type="checkbox"/>	Collection Report	
<input type="checkbox"/>	Survey Report	
<input type="checkbox"/>	Processing Report	
<input type="checkbox"/>	QA/QC Report	
<input type="checkbox"/>	Control Point Shapefile	See /project/workorder5-Report-Final LiDAR Rpt CAD
<input type="checkbox"/>	Control and Calibration Points	

See two sources:

1) /geodatabase
 /outour-data
 /terrain-data
 /buildings
 /DEM.DAT

2) elevation.gdb
 /buildings
 /contours
 /demphi
 /demphi1s
 /demphi3
 /demphi3hs
 /hydro-breaklines
 /known-issues
 /qaqc
 /tile-index
 /tile-index-pnts
 /validation-pnts

We recommend this source

2/10/16