



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: Illinois Height Mod Project - Janet Camarca Project Name: Greene, Macoupin and Montgomery State: Illinois

LIDAR Collection Date(s): 4/7/17 - 4/24/17 Source of Deliverables: Merrick and Co. Square Miles: 2,220

Applicable USGS LIDAR Specification: Version v1.2 Can Corrections be Requested?: No Drive Content Size: 1.53 TB

Estimated Project Cost/Source of Estimate: \$ 565,340.00/ comparable from vendor Contract Limitations?: Select

Hydrological Treatment: Hydro-Flattened Quality Level: 2

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 checked="" type="checkbox"/>	Task Order/Statement of Work	\\ProjectWide_GreeneMacoupinMontgomery\greene_macoupin_montgomery_SOW.doc
<input checked="" type="checkbox"/>	Project Shapefile/Geodatabase	\\ProjectWide_GreeneMacoupinMontgomery\Shapefiles\SGS_project_boundary.shp
<input checked="" type="checkbox"/>	Bare-Earth DEM Files	\\ProjectWide_GreeneMacoupinMontgomery\DEM_IMG
<input checked="" type="checkbox"/>	Tiled LAS Files (Classified)	\\each individual county\ias\
<input checked="" type="checkbox"/>	Independent Checkpoint Shapefile	\\ProjectWide_GreeneMacoupinMontgomery\Shapefiles\Greene_Macoupin_Montgomery_check_points.shp
<input checked="" type="checkbox"/>	Swath LAS Files	\\ProjectWide_GreeneMacoupinMontgomery\RawSwath_las_1_4
<input checked="" type="checkbox"/>	Breakline Shapefiles/Gdb	\\ProjectWide_GreeneMacoupinMontgomery\GMM_Breaklines.gdb
<input checked="" type="checkbox"/>	Bare-Earth DEM Footprint Shapefile	\\each individual county\lme_index\
<input checked="" type="checkbox"/>	Project Tiling Scheme Shapefile/Gdb	\\each individual county\lme_index\
<input checked="" type="checkbox"/>	Intensity Image Files (if available)	\\each individual county\lme_index\
<input checked="" type="checkbox"/>	Project XML Metadata	\\ProjectWide_GreeneMacoupinMontgomery\Intensity_IMG\
<input checked="" type="checkbox"/>	Tiled LAS File XML Metadata	\\ProjectWide_GreeneMacoupinMontgomery\metadata\SGS_2017_Project.xml
<input checked="" type="checkbox"/>	Breakline XML Metadata	\\ProjectWide_GreeneMacoupinMontgomery\metadata\SGS_2017_Classified_LAS.xml
<input checked="" type="checkbox"/>	Bare-Earth DEM File XML Metadata	\\ProjectWide_GreeneMacoupinMontgomery\metadata\SGS_2017_Breaklines.xml
<input checked="" type="checkbox"/>	Collection Report	\\ProjectWide_GreeneMacoupinMontgomery\VendorReports\3_Counties_Lidar_Mapping_Report_2017.pdf
<input checked="" type="checkbox"/>	Survey Report	\\ProjectWide_GreeneMacoupinMontgomery\VendorReports\3_Counties_Lidar_Mapping_Report_2017.pdf
<input checked="" type="checkbox"/>	Processing Report	\\ProjectWide_GreeneMacoupinMontgomery\VendorReports\3_Counties_Lidar_Mapping_Report_2017.pdf
<input checked="" type="checkbox"/>	QA/QC Report	\\ProjectWide_GreeneMacoupinMontgomery\QAQC\Greene_Macoupin_Montgomery_3rd_Delivery_QAQC_Report.pdf
<input checked="" type="checkbox"/>	Control Point Shapefile	\\ProjectWide_GreeneMacoupinMontgomery\shapefiles\
<input checked="" type="checkbox"/>	Control and Calibration Points	\\ProjectWide_GreeneMacoupinMontgomery\shapefiles\SGS_Calibration_Pts_138\lcal.shp

Thanks!!!

Janet

P.S. This contract is closed
So no rush + fingers crossed!



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: Illinois Height Mod Project - Janel Camarca Project Name: Cass County State: Illinois

LiDAR Collection Date(s): 03/21-22/17, 6/8/17, 11/30/17 Source of Deliverables: Surdex Square Miles: 425

Applicable USGS LiDAR Specification: Version 1.2 Can Corrections be Requested?: Yes Drive Content Size: 276 GB

Estimated Project Cost/Source of Estimate: \$123,250.00 / comparable from vendor Contract Limitations?: Select

Hydrological Treatment: Hydro-flattened Quality Level: 2

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

<input type="checkbox"/>	<u>Deliverable</u>	<u>Location on Drive/Name of File(s) or Comments</u>
<input checked="" type="checkbox"/>	Task Order/Statement of Work	\\Cass_County_Illinois\Reports_metadata\SOW
<input checked="" type="checkbox"/>	Project Shapefile/Geodatabase	\\Cass_County_Illinois\Shapefiles\Cass_Perimeter.shp
<input checked="" type="checkbox"/>	Bare-Earth DEM Files	\\Cass_County_Illinois\ESRI_Grids
<input checked="" type="checkbox"/>	Tiled LAS Files (Classified)	\\Cass_County_Illinois\LASTiled
<input type="checkbox"/>	Independent Checkpoint Shapefile	
<input checked="" type="checkbox"/>	Swath LAS Files	\\Cass_County_Illinois\LAS\Swath
<input checked="" type="checkbox"/>	Breakline Shapefiles/Gdb	\\Cass_County_Illinois\ESRI_GDB\Cass_Breaklines.gdb
<input type="checkbox"/>	Bare-Earth DEM Footprint Shapefile	
<input checked="" type="checkbox"/>	Project Tiling Scheme Shapefile/Gdb	\\Cass_County_Illinois\Shapefiles\Cass_Tile_Index_2011.shp
<input type="checkbox"/>	Intensity Image Files (if available)	
<input checked="" type="checkbox"/>	Project XML Metadata	\\Cass_County_Illinois\Reports_metadata\2017_Cass_County_LIDAR_metadata.xml
<input type="checkbox"/>	Tiled LAS File XML Metadata	
<input checked="" type="checkbox"/>	Breakline XML Metadata	\\Cass_County_Illinois\Reports_metadata\2017_Cass_County_Hydro_metadata.xml
<input checked="" type="checkbox"/>	Bare-Earth DEM File XML Metadata	\\Cass_County_Illinois\Reports_metadata\2017_Cass_County_DEM_metadata.xml
<input checked="" type="checkbox"/>	Collection Report	\\Cass_County_Illinois\Reports_metadata\2017_Univ_IL_Cass_LIDAR_Acquisition-Processing_Summary.docx
<input checked="" type="checkbox"/>	Survey Report	\\Cass_County_Illinois\Reports_metadata\2017_Univ_IL_Cass_LIDAR_Accuracy_Report.docx.docx
<input checked="" type="checkbox"/>	Processing Report	\\Cass_County_Illinois\Reports_metadata\2017_Univ_IL_Cass_LIDAR_Acquisition-Processing_Summary.docx
<input checked="" type="checkbox"/>	QA/QC Report	\\Cass_County_Illinois\ISGS_QAQC
<input type="checkbox"/>	Control Point Shapefile	
<input checked="" type="checkbox"/>	Control and Calibration Points	\\Cass_County_Illinois\Reports_metadata\2017_ISGS_Cass_County_LIDAR_survey_all_points.xlsx