

US Geological Survey

National Geospatial Technical Operations Center

1400 Independence Road

Rolla, MO 65401

Date

LiDAR Pilot Report

Tile extent picture

DELIVERABLES

- LAS\_1.2 (Classified) – 20 LAS tiles

- DEMs – 40 .img tiles

-20 Intensity Images

- Data\_Extent Shapefile

 -Tile\_Index shapefile

- Breaklines: Polygon\_Z shapefile

-FVA: BareEarth OpenTerrain shapefile

-Processing: NJ\_Sandy\_LiDAR\_GCP

-Quality Checkpoints: Urban, Tall Weeds Crops, Forested Fully Grown, Brush Lands Trees

NOT DELIVERED:

-Swath/Raw (unclassed LAS file)

-Metadata

PILOT DATA INFORMATION

Pilot Area:

square miles

Coordinate System:

NAD 1983 2011 UTM Zone 18N

Grid Size:

1 meter

LAS Version:

1.2

LAS Classifications:

1, 2, 7, 9, 10, 17, 18

SUMMARY

LAS Summary:

- LAS files conform to coordinate system

- LAS Classifications follow USGS standard values

- LAS files are classed (1, 2, 7, 9, 10, 17, 18)

DEM Summary:

- All DEM tiles conform to the coordinate system and tile index

- DEM errors include:

Include example picture of errors

Breakline Summary:

- Breaklines conform to the given coordinate system

- Breaklines captured as PolygonZ

Extents (Shapefiles)

- Tile Index conforms to the given coordinate system

- Data Extent conforms to the given coordinate system