

DPH-13 Report on Use of the LAS Overlap Flag

The USGS Lidar Base Specification Version 2.1 states: "If overage points must be excluded to produce a uniform DEM then those overage points shall be identified using the LAS overlap bit flag in all point cloud deliverables. For more information on the difference between overlap and overage, refer to figures 4–5 and the "Glossary" section. Identification of overage points allows their simple exclusion from subsequent processes where the increased density and elevation variability they introduce is unwanted (that is, DEM generation)."

The purpose of this section is to list the presence and quantities of points flagged as Overlap for all lidar data files.

[Data Source - Y:\Mapping\Projects\65220595_CO_SanLuisJuanMiguel\Production\Final_Client_Deliverables\Block1_Surdex\point_cloud\tilecls](Y:\Mapping\Projects\65220595_CO_SanLuisJuanMiguel\Production\Final_Client_Deliverables\Block1_Surdex\point_cloud\tilecls)

Total Overlap points (all classes, all files)

4704017575

DPH-13 Report on Use of the LAS Overlap Flag - continued

The purpose of this section is to show the presence and extent of points flagged as Overlap for all lidar data files.

[Data Source - Y:\Mapping\Projects\65220595_CO_SanLuisJuanMiguel\Production\Final_Client_Deliverables\Block1_Surdx\point_cloud\tilecls](#)

[Result Path - D:\00_San_Miguel\San_Luis_Juan_Miguel_B1A_QC\DPH_13\Overlap.jpg](#)

