Make 2D Model of LAS

In [ ]:
```
### 2D
aprx = arcpy.mp.ArcGISProject("CURRENT")
map2d = aprx.listMaps()[0]
layer = map2d.addDataFromPath(r"C:\Users\gregkohler1\GIS\Lab2\Lab2\DNR.las")

#### THIN LAS TO DISPLAY
arcpy.ddd.ThinLas(
    in_las_dataset="DNR.las",
    target_folder=r"C:\Users\gregkohler1\GIS\Lab2",
    thinning_dimension="2D",
    xy_resolution="2 Meters",
    z_resolution=None,
    point_selection_method="CLOSEST_TO_CENTER",
    class_codes_weights=None,
    name_suffix="thinned",
    out_las_dataset=r"C:\Users\gregkohler1\GIS\Lab2\Lab2\DNR_THINNED.lasd",
    preserved_class_codes=[],
    preserved_flags=None,
    preserved_returns=None,
    excluded_class_codes=[],
    excluded_flags=None,
    excluded_returns=None,
    compression="NO_COMPRESSION",
    remove_vlr="MAINTAIN_VLR",
    rearrange_points="MAINTAIN_POINTS",
    compute_stats="NO_COMPUTE_STATS"
)
```

Make 3D Model of LAS

In [ ]:
```
##3D
aprx = arcpy.mp.ArcGISProject("CURRENT")
scene = aprx.listMaps()[1]
layer = scene.addDataFromPath(r"C:\Users\gregkohler1\GIS\Lab2\Lab2\DNR.las")
```