**Task: Finding parcel information for the facilities**

Steps

1. Geocode facilities’ physical addresses into lat/long coordinates
   1. Using Google Sheet add-on (daily maximum 1,000 addresses available for free)
   2. https://workspace.google.com/marketplace/app/geocode\_by\_awesome\_table/904124517349
2. Create point data from ArcGIS using the lat/long coordinates
   1. This point data can be found in the GDB file RJ shared before
3. Spatially join the point data with parcel information (“merged\_parcels” data was downloaded from EDF OneDrive) using “Spatial join” function.
4. Facilities that were matched with parcels are identified (facilities\_a\_parcels\_all,csv)
   1. Some facilities share same coordinates and therefore the csv could include duplicates of parcels. (This was only acknowledged recently after Lauren found missing facilities, and the csv file has been updated accordingly)
5. For the facilities that were not matched with parcels,
   1. Step 1. 100m buffer created around each facility (in total, 152 facilities)
   2. Step 2. Buffered areas spatially joined with parcel data (total 1,330 parcels, also 4 facilities with no spatial reference were excluded)
   3. Step 3. Duplicated parcels (with facilities\_a\_parcel\_all.csv) excluded
   4. Step 4. Residential parcels (State Code: A1, A2, A3, B1, B2, B3, B4) excluded