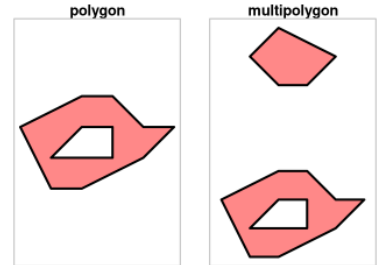


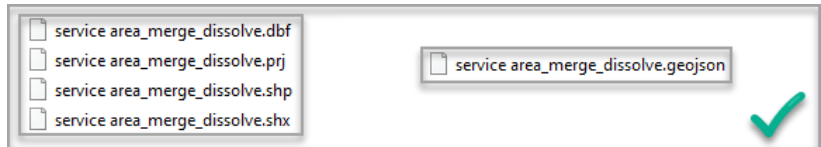
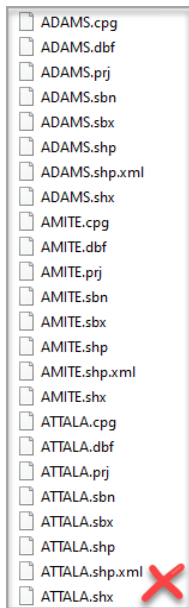
Mississippi 811 Service Area Editor File Upload Requirements

When using the Service Area Editor **Upload File** or **Upload Full Replacement** tools, the file uploaded must meet the following criteria:

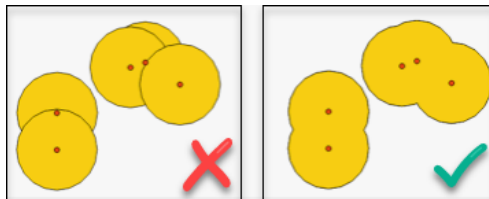
- The file **MUST**:
 - Be either GeoJSON or Shapefile format (shapefiles **MUST** be zipped and **MUST** contain the .dbf, .prj, .shp and .shx files).



- Contain **ONLY** geometries that are either a POLYGON or MULTIPOLYGON.
- Have coordinates in the EPSG:4326 projection (WGS84).
- Be contained entirely within the state of Mississippi.
- Be Open Geospatial Consortium ([OGC](#)) Valid & Simple (not just ESRI Valid)
- Contain only Valid Coordinates



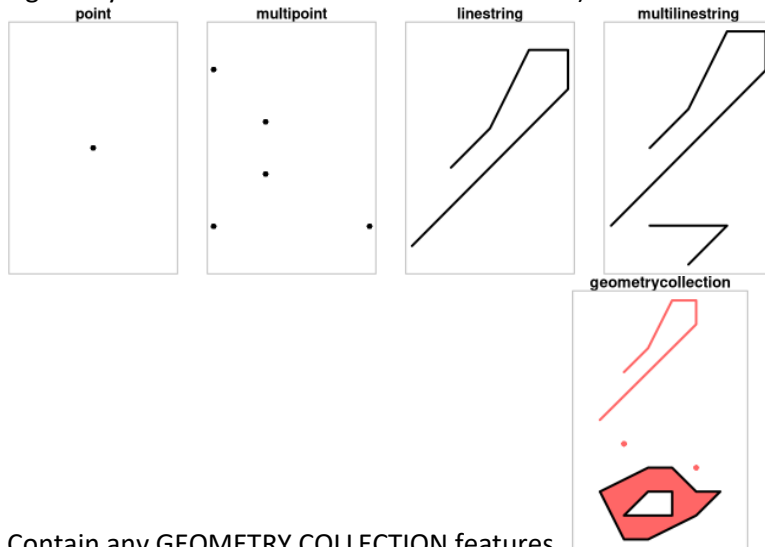
- Be a single file








- Be Union or Dissolved
- Have All of its Rings Closed

- The file and geometry **MUST NOT**:
 - Contain any POINT or LINESTRING features (Files created by buffering POINT or LINESTRING features must be buffered at 400 ft. or greater unless a "Service Area Buffer Reduction Agreement" has been

signed by the member and submitted to MS811).



- Contain any GEOMETRY COLLECTION features.
 - Contain Self-Intersections – Geometry that touches itself 
 - Contain Nested Holes 
 - Contain Disconnected Interiors 
 - Contain Ring Self Intersections – Geometry that touches itself and generates a ring 
 - Contain Nested Shells - Polygon on top of another polygon 
 - Contain Duplicated Rings - Two rings (exterior or interior) of a polygon geometry are identical
 - Be Empty Geometry
 - Contain Z or M values
- When using the **Upload Full Replacement** tool, the File **MUST**:
 - Include the ENTIRE Service Area (This tool will replace your company's ENTIRE current service area)
 - Your files should be considered "clean" before uploading
 - Your data should not contain any overlaps or self-intersections and should be one big valid MULTIPOLYGON.
 - You can clean your data in many GIS tools like [Mapshaper](#), [QGIS](#), [FME](#), [ESRI Products](#), etc.
 - It is **Recommended** that the file:
 - Be less than 12MB in size.
 - Contain less than 300,000 coordinates and contain at least 4 coordinates.
 - Have a very low point count on the endcaps of buffered geometries

If you have any questions or need assistance, please contact [Amy Williams](#) or [Haley Feather](#) at (601) 368-1150.