

## Review Output

### From the Input File - All Fields Prefixed With "in"

- **inDatabaseId** - The input database identifier.
- **inCompany** - The input company or resident's last name.
- **inAddress1** - The input address line 1
- **inAddress2** - The input address line 2
- **inCity** - The input city name.
- **inState** - The input state
- **inZip** - The input ZIP code
- **inPlus4** - The input Plus4

### From the Geocode Service - All Fields Prefixed With "gc"

- **gcAddress1** - Address that was returned from the geocode service.
- **gcCity** - The city name returned from the geocode service.
- **gcState** - The state returned from the geocode service.
- **gcZip** - The ZIP code returned from the geocode service.
- **gcPlus4** - The Plus 4 returned from the geocode service.
- **gcNumber** - The parsed address number.
- **gcPreDir** - The parsed pre street directional.
- **gcStreetName** - The parsed street name.
- **gcStreetType** - The parsed street type.
- **gcPostDir** - The parsed post street directional.
- **gcUnitNum** - The parsed unit number.
- **gcUnitType** - The parsed unit type.
- **gcXCoord** - The longitude returned for the address referenced to [World Geodetic System \(WGS\) 84](#) Coordinates.
- **gcYCoord** - The latitude returned for the address referenced to [World Geodetic System \(WGS\) 84](#) Coordinates.
- **gcLocatorName** - The name of the locator used that supplied the gcXCoord and gcYCoord values. Refer to gcGrade for more information about the locators.
- **gcGrade** - The grade of the locator used. Higher grades do indicate higher quality address information. A "C" or better indicates that the point represents an actual address. A "D" or worse indicates that the point represents either the ZIP+4, ZIP Code or city and you might need to look at improving the address to improve the grade.
  - "A" = X/Y Coordinate is from the Washington State Managed Address File. Currently not available!
  - "B" = X/Y Coordinate is from WA State Point Address data (PointAddrWA) or [StreetMap Premium](#) Point Addresses (PointAddress)
  - "C" = X/Y Coordinate is from WA State Street Address data (StreetAddrWA), [StreetMap Premium](#) Street Addresses (StreetAddress), or Census TIGER Roads 2016 (Tiger16Address)
  - "D" = X/Y Coordinate is from [StreetMap Premium](#) ZIP+Plus4 (PostalExt), or [StreetMap Premium](#) Street Intersection (StreetInt)

- “E” = X/Y Coordinate is from [StreetMap Premium](#) Street Name (StreetName), or [StreetMap Premium](#) ZIP Codes (Postal or PostalLoc)
- “F” = X/Y Coordinate is from [StreetMap Premium](#) City/Place (AdminPlace or Locality).
- “U” = The geocoder was unable to resolve the address.
- **gcScore** - Relative score returned from the locator. A higher score here only represents a better match within the locator or grade. Another way to visualize this is if you have a gcScore = 90 and a gcGrade = B you could think of it as a B+.
- **gcWAMASId** - Not presently populated but will be in the future. If the address was found in the Managed Address File (MAF), a unique identifier is returned. This unique identifier can be stored in your database. In the future, it will be possible to use the WAMAS ID to get updates for the address.
- **gcResultCodes** - All codes returned from the Geocode service.
- **gcStatusCodes** - Long description of status codes returned from the service. Only populated if result,verbose option set in parameters file.
- **gcErrorCodes** - Long description of error codes returned from the service. Only populated if result,verbose option set in parameters file.

### Geocode Codes

Code	Description
GS01	The address was matched and geocoded
GE01	The address was not geocoded
GE02	DisplayX/DisplayY coordinate error, reverting to StreetX/StreetY coordinates
GE03	The address tied with another address and geocoded, check input address to validate result (GE03)
GE98	Geocode service unavailable or timed out
GE99	Unknown locator status returned