

ACR554 Listing Attachment E

Provide descriptions and a georeferenced GIS shapefile(s) of the Project Area (all GIS data was accessed on the date of this document) including:

1. Governing jurisdictions, and latitude/longitude coordinates:
State of Oregon, USA
Latitude: 44.6 N
Longitude: 120.5 W
2. Public and private roads (shapefile only):
See ACR554 Listing Attachments E and F Maps v.1.0.pdf
Page 1: Appendix E-A. Map_TownsRoads (georeferenced spatial data)
Source Data: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community
https://services.arcgisonline.com/ArcGIS/rest/services/World_Topo_Map/MapServer
3. Towns (shapefile only):
See ACR554 Listing Attachments E and F Maps v.1.0.pdf
Page 1: Appendix E-A. Map_TownsRoads (georeferenced spatial data)
Source Data: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community
https://services.arcgisonline.com/ArcGIS/rest/services/World_Topo_Map/MapServer
4. Major watercourses (4th order or greater), water bodies, and watersheds (shapefile only):
See ACR554 Listing Attachments E and F Maps v.1.0.pdf
Page 2: Appendix E-B. Map_Watercourses (georeferenced spatial data)
Source Data:
 Watercourses: NHDFlowline and NHDWaterbody from the National Hydrography Dataset File Geodatabase (NHD_H_Oregon_State_GDB.gdb)
 Watersheds: WBDHU12 from the National Hydrography Dataset File Geodatabase (NHD_H_Oregon_State_GDB.gdb) obtained from <https://www.usgs.gov/core-science-systems/ngp/national-hydrography>
5. Topography (shapefile only):
See ACR554 Listing Attachments E and F Maps v.1.0.pdf
Page 3: Appendix E-C. Map_Topography (georeferenced spatial data)
Source Data:
 World Topography: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community
https://services.arcgisonline.com/ArcGIS/rest/services/World_Topo_Map/MapServer

World Hillshade: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community

https://services.arcgisonline.com/arcgis/rest/services/Elevation/World_Hillshade/MapServer

6. Townships, ranges, and sections (shapefile only):

See ACR554 Listing Attachments E and F Maps v.1.0.pdf

Page 4: Appendix E-D. Map_PLSSLatLong (georeferenced spatial data)

Source Data: Township and Section data omitted, Lat/Long grid used instead

7. Existing land cover and land use (description with optional shapefile):

The Project Area is comprised of several large blocks of managed natural forest in Oregon providing critical habitat for native flora and fauna. The property is managed for a wide variety of cultural, recreational, wildlife, and other multiple use objectives

8. Forest vegetation types (description with optional shapefile):

The forest vegetation within the Project Area boundary is predominantly western juniper, ponderosa pine, Douglas-fir, grand fir, lodgepole pine, and other Western softwood species.

9. Site classes (description with optional shapefile):

Site classes that exist in the Project Area are common for the region. Based on NRCS soils site productivity data, less than 10% of the Project Area averages more than 85 cubic feet of growth annually.

10. Land pressures and climate zone/classification (description with optional shapefile):

The primary land use for Project Area's region is forestry with very limited residential development. Review of air photos and satellite imagery reveal a forest dominated landscape. The project lies almost entirely in the 6b climate zone as shown on USDA Plant Hardiness Zone Maps, with minor portions lying in zones 6a and 7a.

11. Historical land uses, current zoning, and projected land use within the Project Area (description with optional shapefile):

The historical land uses in the past have been timber production and outdoor recreation. The Project Area is currently zoned as multiple use to support a wide variety of land use objectives. Projected land use within the Project Area is expected not to change from its current use and will support the same land uses in this portion of central Oregon.