



Drinking Water Protection GIS Map Services

Geospatial data for download and web map services maintained by Oregon DEQ’s Drinking Water Protection group. Specialty GIS software is needed to download data and use the map services.

The services can be accessed on our DEQ ArcGIS server using the following path in the “Add ArcGIS Server” tool in ArcCatalog:

https://deq14.deq.state.or.us/arcgis/rest/services/DEQ_Services

and

<https://deq14.deq.state.or.us/arcgis/rest/services/WQ>

Many other DEQ GIS public map services can also be found in the same services directory. A key to terms, legend key and notes for the datasets can be found here: [Legend key and notes on available information](#)

Folder/Theme	Dataset	Publish Date	Map Services
DEQ_Services\ DrinkingWater TestService	Statewide Public Water Systems: Groundwater drinking water source areas <ul style="list-style-type: none"> Groundwater Drinking Water Source areas; Public Water systems. All Time-of-travel (TOT) with color coding by TOT Groundwater 2-yr time-of-travel (Zone 1 for springs). Only time-of-travel 2 years or less are shown in this data set for that well, spring, or infiltration gallery. Max time-of- travel for Public Water Systems. In this dataset the time-of-travel (TOT) polygons are merged to display only the outline of the maximum TOT found for that well, spring, or infiltration gallery. Outline of all time-of- travel polygons for Groundwater DWSAs 	02AUG2019	Groundwater Drinking Water Source areas; Public Water systems Groundwater 2-yr TOT (Zone 1 for Springs) Groundwater_drinking_water-source_areas_Max_TOTs_Public_Water_Systems Groundwater DWSA outline; Public Water systems
DEQ_Services\ DrinkingWater TestService	Statewide Public Water Systems: Surface water drinking water source areas	04MAR2019	Surface water Drinking Water Source Areas; Public water Systems

WQ\DrinkingWaterProtectionPCS	Statewide:Extensive last of potential contaminant sources	Date varies by contaminant source	<ul style="list-style-type: none"> • Confined Animal Feeding Operations • Dry Cleaners • Environmental Cleanup • Hazardous Materials • State Fire Marshall • Leaking underground storage tanks • Mining permits • Oil and gas wells • Original and updated PCSs • School locations • Solid waste sites • Underground injection control • Domestic wastewater treatment sites • Water quality permits • Surface Water within proximity to wells/streams • Boating access sites • Harmful Algal Bloom (HAB) Advisories • Water quality effluent outfalls • Water Quality Limited Streams – Cat4A & Cat5 • Water Quality Limited Lakes – Cat4A & Cat5 • Water Quality Concern; Streams – Cat3 • Water Quality Concern; Lakes – Cat3 • Historic Fire Perimeters
WQ\LandUse_DWP	Statewide Land use; a compilation of land use from several datasets and augmented by the drinking water program with land ownership by local governments.	2017	Combined data layer of dominant land use/ownership in Oregon
DEQ_Services\Hydrography_NHDFlowline		V2.1	Statewide hydrography with streams, lakes, canals, pipelines, etc.
DEQ_Services\Transportation			Federal, State, and local transportation; roads