
MEMO

TO: CONSULTING ENGINEERS
FROM: SERP COORDINATOR, DEQ STATE OFFICE
SUBJECT: ENVIRONMENTAL CONDITIONS RESOURCES
DATE: OCTOBER 2017

Below is a list of the required items as outlined in the “Existing Conditions” section of the Facility Plan/Engineering Report. Included with each is a suggested website where narrative and maps can be found.

Physiography, topography, geology, and soils	Idaho Geological Survey: http://www.idahogeology.org/ NETSTATE Idaho: http://www.netstate.com/states/geography/id_geography.htm Soils: https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm
Surface and ground water hydrology	EPA Surf Your Watershed: https://cfpub.epa.gov/surf/state.cfm?statepostal=ID GW Quality Improvement Plans in Nitrate Priority Areas: http://www.deq.idaho.gov/media/502579-gw_mgmt_plan_status_map_0511.pdf
Flora, fauna, and natural communities	Threatened, Endangered, and Candidate Species in Idaho: https://ecos.fws.gov/ipac/ Essential Fish Habitat in Idaho: http://www.deq.idaho.gov/media/1118596/salmon-essential-fish-habitat-map.pdf
Housing, industrial, and commercial development	Obtain from local comprehensive plans.
Cultural resources (hist and arch)	National Park Service list of historic places in project area: https://www.nps.gov/nr/research/ No clearinghouse for cultural sites.
Utility use	Obtain from local comprehensive plans.
Floodplains	FEMA National Flood Insurance Program: https://msc.fema.gov/portal
Wetlands	US FWS National Wetlands Inventory: https://www.fws.gov/wetlands/Data/Mapper.html
Wild and scenic rivers	Program: https://www.rivers.gov/ IDWR map: https://idwr.maps.arcgis.com/home/webmap/viewer.html?webmap=d307321659634592a9077cc2c048eb16
Public health and water quality considerations	DEQ Public Water System Switchboard: http://www.deq.idaho.gov/water-quality/drinking-water/pws-switchboard/ Public health concerns associated with drinking water or wastewater discharges must be stated in document elsewhere; summarize issue here.
Prime ag farmlands protection	USDA NRCS Web Soil Survey: https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm Requires some navigation. Input Area of Interest and go to Soil Data Explorer for Farmland Classification.

Sole source aquifers	<p>Info: https://www.deq.idaho.gov/water-quality/ground-water/sole-source-aquifers.aspx Sole source aquifer maps: http://www.deq.idaho.gov/media/60180336/sole-source-aquifers-idaho-map.pdf http://www.deq.idaho.gov/media/60180336/lewiston-basin-sole-source-aquifer.pdf http://www.deq.idaho.gov/media/60180337/snake-river-plain-map.pdf https://www.deq.idaho.gov/regional-offices-issues/coeur-dalene/rathdrum-prairie-aquifer/</p>
Land use and development	Obtain from local comprehensive plans.
Precipitation, temperature and winds (climate)	Western Regional Climate Center - Idaho Climate https://wrcc.dri.edu/summary/climsmid.html
Air quality and noise	EPA Idaho Nonattainment Area Plans: https://yosemite.epa.gov/r10/AIRPAGE.NSF/8be3ce98191c7f0988256c140074ee64/e2ab2cc6df433b8688256b2f00800ff8!OpenDocument Idaho Air Quality Nonattainment areas: http://cloud.insideidaho.org/webApps/metadataViewer/default.aspx?path=%5c%5cintranet.rocket.net%5cinsideprod%5cdata%5canonymous%5cideq%5cairnonattain_id_ideq.shp.xml Noise: Obtain local ordinance, review IDAPA rules pertaining to construction.
Energy production and consumption	Obtain from local comprehensive plans.
Socioeconomic profile and population	US Census Bureau, American FactFinder: https://factfinder.census.gov