

# **Information Source Listing for WSDOT Surface Water Discipline Reports**

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## **Overview**

The following is a source listing for information used to develop a Surface Water Discipline Report. The listing is organized by the following subject categories (column one): water quality, water quantity, aquatic biology, coastal environments, resource management, soils/geology, groundwater, hazardous waste/spill data, wetland, land use management, or land use/topography. Column two identifies the type of information that can be obtained for each subject category (i.e., maps, aerial photos, databases, digital geographic data (GIS), reports, or information contact). Column three identifies the name of the entity providing the information, and column four lists a contact number for the source, if available.

## **Additional References**

The information listing provides a general overview of available data sources, and should not be considered inclusive of all resources potentially available for a major project. Discipline reports prepared for related areas of environmental impact should be reviewed to reduce duplication of data gathering and to ensure water quality issues are adequately addressed for project conditions.

Universities, colleges, and tribal environmental departments are also excellent sources of environmental data. Several sources included in this listing were obtained from a document entitled, *Guidance for Conducting Water Quality Assessments and Watershed Characterizations Under the Nonpoint Rule (Chapter 400-12 WAC)*, published by Washington State Department of Ecology (Publication No. 95-307, February 1995), available from Ecology's Publications Distributions Office (360) 407-7472. Ecology's publication contains a more detailed description of several of these data sources, as well as additional information on water quality assessment methods.

SUBJECT	MATERIAL TYPE	SOURCE	CONTACT
Water Quality	Contact	local sewer & water districts	Consult local directory or web site
Water Quality	Contact	local health departments	Consult local directory or web site
Water Quality	Contact	DOH (shellfish, bacterial & red tide data)	Shellfish Programs <a href="http://www.doh.wa.gov/ehp/sf/default.htm">http://www.doh.wa.gov/ehp/sf/default.htm</a>
Water Quality	Contact	WDFW (Water Quality impact on fisheries)	Habitat Science Division <a href="http://wdfw.wa.gov/hab/science/index.htm">http://wdfw.wa.gov/hab/science/index.htm</a>
Water Quality	Contact	PSWQA (ambient monitoring information)	Puget Sound Water Quality Authority General Info: 1-800-54SOUND
Water Quality	Contact	Conservation Districts	Consult local directory or web site
Water Quality	Contact	local public works departments (stormwater)	Consult local directory or web site
Water Quality	Contact	WSDOT	Headquarters Water Quality <a href="http://www.wsdot.wa.gov/Environment/WaterQuality/default.htm">http://www.wsdot.wa.gov/Environment/WaterQuality/default.htm</a>
Water Quality	WSDOT Highway Runoff Manual	WSDOT	Environmental Services (Pub. No. M31-16) <a href="http://www.wsdot.wa.gov/Environment/WaterQuality/Runoff/HighwayRunoffManual.htm">http://www.wsdot.wa.gov/Environment/WaterQuality/Runoff/HighwayRunoffManual.htm</a>
Water Quality	2008 Statewide Water Quality Assessment (305[b] report and 303[d] list)	Ecology	Water Quality <a href="http://www.ecy.wa.gov/programs/wq/links/wq_assessments.html">http://www.ecy.wa.gov/programs/wq/links/wq_assessments.html</a>
Water Quality	Models for TMDLs	Ecology	<a href="http://www.ecy.wa.gov/programs/eap/models.html">http://www.ecy.wa.gov/programs/eap/models.html</a>
Water Quality	Water data systems	EPA	Compliance and Enforcement Water Data Systems <a href="http://www.epa.gov/compliance/data/systems/water/index.html">http://www.epa.gov/compliance/data/systems/water/index.html</a>
Water Quantity	Contact & database info for basin characteristics, peak flows, water quality data, etc.	USGS	Washington Water Science Center <a href="http://wa.water.usgs.gov/">http://wa.water.usgs.gov/</a>
Water Quantity	Contact	Ecology	<a href="http://www.ecy.wa.gov/watershed/misc/waterquantity.html">http://www.ecy.wa.gov/watershed/misc/waterquantity.html</a>
Water Quantity	Contact	Local public works departments (stormwater & flood control)	Consult local directory or web site
Water Quantity	Contact	Utility districts	Consult local directory or web site
Water Quantity	Contact	Drainage and Irrigation Districts	Consult local directory or web site

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Water Quantity	Basin Plans, Drainage Manuals, Comprehensive Drainage Plans	Local public works departments (stormwater & flood control)	Consult local directory or web site
Resource Management	Contact: permit assistance, site searches, identify key contacts at govt. agencies	Ecology	Permit Assistance Center <a href="http://www.ora.wa.gov/resources/permitting.asp">http://www.ora.wa.gov/resources/permitting.asp</a>
Soils/Geology	Contact	Local Developers (soil percolation tests)	Consult local directory or web site
Soils/Geology	Maps: Slope stability maps Report: Local Geology	DNR	Geology/Earth Resources <a href="http://www.dnr.wa.gov/geology/">http://www.dnr.wa.gov/geology/</a>
Soils/Geology	Report: Soils Surveys	Conservation Districts & USDA NRCS	Conservation District Locator Map <a href="http://www.scc.wa.gov/index.php/contact/Conservation-Districts/">http://www.scc.wa.gov/index.php/contact/Conservation-Districts/</a>  NRCS Soil Survey Program in Washington <a href="http://www.wa.nrcs.usda.gov/programs/soil_survey.html">http://www.wa.nrcs.usda.gov/programs/soil_survey.html</a>
Groundwater	Report: WA State Wellhead Protection Program	DOH DOE	Drinking Water Programs and Services <a href="http://www.doh.wa.gov/ehp/dw/default.htm">http://www.doh.wa.gov/ehp/dw/default.htm</a>  Ground Water Quality Information <a href="http://www.ecy.wa.gov/programs/wq/grndwtr/index.html">http://www.ecy.wa.gov/programs/wq/grndwtr/index.html</a>
Groundwater	Contact	USGS	Water Resources Division <a href="http://wa.water.usgs.gov/water_issues/qual.htm">http://wa.water.usgs.gov/water_issues/qual.htm</a>
Groundwater	Contact	Ecology	Water Quality <a href="http://www.ecy.wa.gov/programs/wr/info/rl-home.html#Groundwater%20Web">http://www.ecy.wa.gov/programs/wr/info/rl-home.html#Groundwater%20Web</a>
Groundwater	Contact	Local health departments, city & county planning/environmental departments	Consult local directory or web site

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Hazardous Waste/Spill Data	Contact	Ecology, & NOAA Assessment and Restoration Division	Ecology Spill Mgt <a href="http://www.ecy.wa.gov/programs/spills/spills.html">http://www.ecy.wa.gov/programs/spills/spills.html</a>  NOAA Assessment and Restoration Division (ARD) <a href="http://response.restoration.noaa.gov/orr_about_owner.php?RECORD_KEY%28owner_chosen%29=owner_id&amp;owner_id(owner_chosen)=7">http://response.restoration.noaa.gov/orr_about_owner.php?RECORD_KEY%28owner_chosen%29=owner_id&amp;owner_id(owner_chosen)=7</a>
Hazardous Waste/Spill Data	Contact	WSDOT (highway spill/accident reports)	Hazardous Materials <a href="http://www.wsdot.wa.gov/environment/hazmat/default.htm">http://www.wsdot.wa.gov/environment/hazmat/default.htm</a>
Wetland	Contact	Ecology (wetland inventories)	<a href="http://www.ecy.wa.gov/programs/sea/wetlands/index.html">http://www.ecy.wa.gov/programs/sea/wetlands/index.html</a>
Wetland	Contact	Corps (Section 10 & 404 Permits, water bodies dredge & disposal permit info.)	Environmental Laboratory Wetlands <a href="http://el.erdc.usace.army.mil/wetlands/">http://el.erdc.usace.army.mil/wetlands/</a>
Wetland	Contact	City and county planning & zoning departments	Consult local directory
Land Use Management	FEMA Maps	Local planning departments as well as the FEMA web site	FEMA Flood Maps <a href="http://www.fema.gov/hazard/map/index.shtm">http://www.fema.gov/hazard/map/index.shtm</a>
Land Use Management	Contact	County assessor/planning/or environmental health offices	Consult local directory
Land Use Management	Report/maps: Comprehensive Land Use Plans	City and county planning & zoning departments	Consult local directory
Land Use Management	Contact	Conservation Districts	Consult local directory
Land Use Management	Contact	Puget Sound Regional Council of Governments	Information Center <a href="http://www.psrc.org/infocenter/index.htm">http://www.psrc.org/infocenter/index.htm</a>
Land Use/ Topography	Aerial photographs	WSDOT	The WSDOT GeoData Distribution Catalog <a href="http://www.wsdot.wa.gov/mapsdata/geodatacatalog/">http://www.wsdot.wa.gov/mapsdata/geodatacatalog/</a>
Land Use/ Topography	Aerial photographs: Historical photos, 1950's	USDA	USDA Aerial Photography Field Office <a href="http://www.fsa.usda.gov/FSA/apfoapp?area=apfohome&amp;subject=landing&amp;topic=landing">http://www.fsa.usda.gov/FSA/apfoapp?area=apfohome&amp;subject=landing&amp;topic=landing</a>

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Land Use/ Topography	Aerial photographs: Puget Sound Waterways & Columbia Basin	Corps, Seattle District Office, Survey Branch <a href="http://www.nws.usace.army.mil/PublicMenu/Menu.cfm?sitename=toposurvey&amp;pagename=home">http://www.nws.usace.army.mil/PublicMenu/Menu.cfm?sitename=toposurvey&amp;pagename=home</a>	Aerial Photography <a href="http://www.nws.usace.army.mil/PublicMenu/Doc_list.cfm?sitename=toposurvey&amp;pagename=AerialPhotography">http://www.nws.usace.army.mil/PublicMenu/Doc_list.cfm?sitename=toposurvey&amp;pagename=AerialPhotography</a>
Land Use/ Topography	Satellite Imagery (Landsat Data)	LANDSAT7 & LANDSAT Program	Earth Observation Satellites & Remote Sensing <a href="http://www.nasm.si.edu/research/ceps/etp/links/SRSlinks.html">http://www.nasm.si.edu/research/ceps/etp/links/SRSlinks.html</a>

#### ACRONYMS

Corps	U.S. Army Corps of Engineers	DOH	WA Department of Health
Ecology	WA State Dept. of Ecology	EPA	U.S. Environmental Protection Agency
NRCS	Natural Resources Conservation Service	DNR	Dept. of Natural Resources
NOAA	National Oceanic and Atmospheric Administration	PSWQA	Puget Sound Water Quality Authority
USDA	U.S. Dept. of Agriculture	USGS	U.S. Dept. of Interior, Geological Survey
WDFW	WA State Dept. of Fish and Wildlife		