

**Attachment D. Documented Data Sources**

Category of data/Data layer name	Analysis for which the data will be used.	Rationale for data use and details on how new data files were developed.	Map in which data was used	Metadata link
<b>Shoreline jurisdiction and general King County data layers</b>				
King County boundary			All	<a href="http://www5.metrokc.gov/sdc/FGDCDocs/KINGCO_fgdc.htm">http://www5.metrokc.gov/sdc/FGDCDocs/KINGCO_fgdc.htm</a>
Freeway/Highway/Streets			All	<a href="http://www5.metrokc.gov/sdc/FGDCDocs/KCSNSTRT_fgdc.htm">http://www5.metrokc.gov/sdc/FGDCDocs/KCSNSTRT_fgdc.htm</a>
Water Bodies			All	<a href="http://www5.metrokc.gov/sdc/FGDCDocs/WTRBDY_fgdc.htm">http://www5.metrokc.gov/sdc/FGDCDocs/WTRBDY_fgdc.htm</a>
Major Streams			All	DNRP internal Data
New shoreline jurisdiction (SMP_Final_Juris)			All	None
PAA			All	<a href="http://www5.metrokc.gov/sdc/FGDCDocs/CITYMAST_fgdc.htm">http://www5.metrokc.gov/sdc/FGDCDocs/CITYMAST_fgdc.htm</a>
Incorporated areas			All	<a href="http://www5.metrokc.gov/sdc/FGDCDocs/CITY_3CO_fgdc.htm">http://www5.metrokc.gov/sdc/FGDCDocs/CITY_3CO_fgdc.htm</a>
<b>i) land use</b>				
<b>i) land use patterns</b>				
King County owned property	Shoreline uses	all three King County public lands layers have slightly different information.	Land/shoreline use	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/property/kcowned.htm">http://www.metrokc.gov/gis/sdc/Content/internal/property/kcowned.htm</a>
King County public lands	Shoreline uses	all three King County public lands layers have slightly different information.	Land/shoreline use	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/property/public_lands.htm">http://www.metrokc.gov/gis/sdc/Content/internal/property/public_lands.htm</a>
King County owned parcels	Shoreline uses	all three King County public lands layers have slightly different information.		<a href="http://www.metrokc.gov/gis/sdc/Content/internal/property/realprop.htm">http://www.metrokc.gov/gis/sdc/Content/internal/property/realprop.htm</a>
Forest Production District	Shoreline uses Designation decision		Land/shoreline use	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/natres/forpddst.htm">http://www.metrokc.gov/gis/sdc/Content/internal/natres/forpddst.htm</a>
Agricultural Production District	Shoreline uses Designation decision		Land/shoreline use	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/natres/agrpdst.htm">http://www.metrokc.gov/gis/sdc/Content/internal/natres/agrpdst.htm</a>
United States Forest Service District	Shoreline uses Designation decision			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/natres/forpddst.htm">http://www.metrokc.gov/gis/sdc/Content/internal/natres/forpddst.htm</a>
Farmland Preservation Property	Shoreline uses			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/natres/farmland.htm">http://www.metrokc.gov/gis/sdc/Content/internal/natres/farmland.htm</a>
Urban Growth Line	Shoreline uses Designation decision		Land/shoreline use	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/planning/ugline.htm">http://www.metrokc.gov/gis/sdc/Content/internal/planning/ugline.htm</a>
City Boundaries/Potential Annexation areas	Shoreline uses Designation decision			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/admin/citymast.htm">http://www.metrokc.gov/gis/sdc/Content/internal/admin/citymast.htm</a>
Zoning-unincorporated King County	Shoreline uses Designation criteria		Land/shoreline use	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/planning/zoning.htm">http://www.metrokc.gov/gis/sdc/Content/internal/planning/zoning.htm</a>
Comprehensive Plan Land Use	Shoreline uses Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/planning/complu.htm">http://www.metrokc.gov/gis/sdc/Content/internal/planning/complu.htm</a>
King County Department of Development and Environmental Services Mining	Shoreline uses Designation criteria			<a href="http://www.metrokc.gov/ddes/complan/2004/PDFs/Chap3-Map-Mineral.pdf">http://www.metrokc.gov/ddes/complan/2004/PDFs/Chap3-Map-Mineral.pdf</a>
Special District overlay	Shoreline uses Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/planning/sdo.htm">http://www.metrokc.gov/gis/sdc/Content/internal/planning/sdo.htm</a>
King County current Shoreline Master Plan designation	Shoreline uses			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/planning/shorelinemp.htm">http://www.metrokc.gov/gis/sdc/Content/internal/planning/shorelinemp.htm</a>
Agricultural land use	Shoreline uses Designation criteria			metadata currently does not exist
Tribal Governance Areas	Shoreline use		Land/shoreline use	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/politicl/tribal_lands.htm">http://www.metrokc.gov/gis/sdc/Content/internal/politicl/tribal_lands.htm</a>
2002 King County aerial imagery	Shoreline uses Designation criteria		Land/shoreline use	<a href="http://www.metrokc.gov/gis/sdc/raster/elevation/LiDAR_Data.htm">http://www.metrokc.gov/gis/sdc/raster/elevation/LiDAR_Data.htm</a>
DDES shoreline permit data (1990-present)	Shoreline uses	Excerpt from DDES permit files prepared by Paul McCombs, DDES (see \\Wlrnt4\SMP\GIS Staff Group ShorelineMMP_Permits_29Aug06_SMPonly)	Land/shoreline use	None
Assessor's Office - current commercial use parcels	Shoreline uses	Excerpted from Assessor's parcel data (Parcel-data, ParcelCommBldg) and Zoning	Land/shoreline use	None
Current water-oriented uses	Shoreline uses	Based on 2002 King County aerial imagery (\\Wlrnt4\SMP\GIS Staff Group\Zoning - Shoreline3 LanduseParcels_17Aug)	Land/shoreline use	None
<b>j) transportation and utility facilities</b>				
King County street network	Characterization Ecological Characterization Public Access Shoreline uses Public facilities inventory Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/street/kcsnstr.htm">http://www.metrokc.gov/gis/sdc/Content/internal/street/kcsnstr.htm</a>
King County roads only	Public facilities inventory		Public facilities	ST_CRIS
King County levees and revetments			Public facilities	<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=104">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=104</a>
Residential/commercial stormwater facilities	Characterization Ecological Characterization Public Access Shoreline uses			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/utility/storm_fac.htm">http://www.metrokc.gov/gis/sdc/Content/internal/utility/storm_fac.htm</a>
Regional stormwater facilities	Characterization Ecological Characterization Public Access Shoreline uses			<a href="http://www5.metrokc.gov/sdc/FGDCDocs/STORMREG_fgdc.htm">http://www5.metrokc.gov/sdc/FGDCDocs/STORMREG_fgdc.htm</a>
King County Trails	Characterization Public Access Shoreline uses		Public access	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/recreatn/trail.htm">http://www.metrokc.gov/gis/sdc/Content/internal/recreatn/trail.htm</a>
Washington Department of Transportation Outfalls	Characterization Ecological Characterization Public Access Shoreline uses Designation criteria		Public facilities	<a href="http://gisdw/intranet/sdc/nonkcgis/content/UTILITY_EXT/SDT_OUTFALL.htm">http://gisdw/intranet/sdc/nonkcgis/content/UTILITY_EXT/SDT_OUTFALL.htm</a>

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Category of data/Data layer name	Analysis for which the data will be used.	Rationale for data use and details on how new data files were developed.	Map in which data was used	Metadata link
Railroads	Characterization Ecological Shoreline uses Designation criteria		Public facilities	Washington State DOT external data transportation/sdt_railroad
Culverts-Salmon and Steelhead Habitat Inventory and Assessment Program data for WRIA 7-10	Characterization Ecological			sshapi-salmonscapeculverts
HARD COPY--Washington State Department of Transportation Fish Passage Barrier Removal Program-Dec 2000.	Will not be used	Hard copy data is out of date, compared to Salmon and Steelhead Habitat Inventory and Assessment Program data		
Washington State Ferry terminals	Characterization Ecological Characterization Public Access Shoreline uses Designation criteria	Part of larger data file covering all docks in WRIA 9	Public facilities	overwater_structure
Olympic pipeline	Characterization Ecological Shoreline uses Designation criteria		Public facilities	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/utility/oppipes.htm">http://www.metrokc.gov/gis/sdc/Content/internal/utility/oppipes.htm</a>
Storm water facilities	Characterization Ecological Characterization Public Access Shoreline uses Designation criteria		Public facilities	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/utility/storm_fac.htm">http://www.metrokc.gov/gis/sdc/Content/internal/utility/storm_fac.htm</a>
Combined Sewer Overflow discharge points	Characterization Ecological Shoreline uses Designation criteria		Public facilities	<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=148">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=148</a>
Other discharges	Characterization Ecological Shoreline uses Designation criteria			<a href="http://gisdw/intranet/sdc/nonkcqis/content/UTILITY_EXT/CSE_METROCSO.htm">http://gisdw/intranet/sdc/nonkcqis/content/UTILITY_EXT/CSE_METROCSO.htm</a>
unknown marine discharges (mixed in with natural and piped streams)	Characterization Ecological Shoreline uses Designation criteria			<a href="http://gisdw/intranet/sdc/nonkcqis/content/ENVIRO_EXT/PCG_WRIA8_9_FRESH_WATER.htm">http://gisdw/intranet/sdc/nonkcqis/content/ENVIRO_EXT/PCG_WRIA8_9_FRESH_WATER.htm</a>
National Pollutant Discharge Elimination System discharge points	Characterization Ecological Shoreline uses Designation criteria			<a href="http://gisdw/intranet/sdc/nonkcqis/content/utility_ext/sde_npdespts.htm">http://gisdw/intranet/sdc/nonkcqis/content/utility_ext/sde_npdespts.htm</a>
Wastewater Treatment plants	Characterization Ecological Shoreline uses Designation criteria		Public facilities	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/utility/plant.htm">http://www.metrokc.gov/gis/sdc/Content/internal/utility/plant.htm</a>
Water supply lines	Characterization Ecological Shoreline uses Designation criteria		Public facilities	<a href="http://gisdw/intranet/sdc/nonkcqis/content/UTILITY_EXT/CSE_WTRLN.htm">http://gisdw/intranet/sdc/nonkcqis/content/UTILITY_EXT/CSE_WTRLN.htm</a>
Neighborhood Drainage projects	will not be used			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/utility/nda.htm">http://www.metrokc.gov/gis/sdc/Content/internal/utility/nda.htm</a>
King County Maintained Levees and Revetments	Characterization Ecological Shoreline uses Designation criteria		Public facilities	<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=104">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=104</a>
BPA Power Line layer	Characterization Ecological Shoreline uses Designation criteria			No metadata.
Outfalls in the lower Green River (unknown origin)	Characterization Ecological Shoreline uses Designation criteria		Public facilities	Outfall
Outfalls in the Duwamish (unknown origin)	Characterization Ecological Shoreline uses Designation criteria		Public facilities	No metadata.
Storm water outfalls from DOT				external data utility/sdt_stormoutfall
King County Sewer lines	Public facilities inventory	lines do not equate non septic areas	Public facilities	<a href="http://www5.metrokc.gov/sdc/Metadata.aspx?Layer=sewer&amp;XMLAvail=True">http://www5.metrokc.gov/sdc/Metadata.aspx?Layer=sewer&amp;XMLAvail=True</a>
Local sewer lines	will not be used	lines do not equate non septic areas		No metadata.
Sewered areas	Characterization Ecological Designation criteria	Broken out by areas likely to be sewered		<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=510">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=510</a>
Hard Copy - Marine water quality assessment - Beneficial uses analysis of selected waters in the Seattle / King County Region, 1996	will not be used	More up to date data now available.		N/A
<b>j) existing structures</b>				
Impervious surface layers (includes more than just buildings)	Characterization Ecological Shoreline uses Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/raster/landcover/ChgDetectionImpervious.html">http://www.metrokc.gov/gis/sdc/raster/landcover/ChgDetectionImpervious.html</a>
CAO basin conditions layer	Characterization Ecological	impervious surface was added up at the basin level into 4 categories.		?
2002 University of Washington landcover	Characterization Ecological Shoreline uses Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/raster/landcover/Landcover_Data.htm#2001Landcover">http://www.metrokc.gov/gis/sdc/raster/landcover/Landcover_Data.htm#2001Landcover</a>
2002 King County aerial imagery	Characterization Ecological Shoreline uses Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/raster/elevation/LiDAR_Data.htm">http://www.metrokc.gov/gis/sdc/raster/elevation/LiDAR_Data.htm</a>

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1993 and 2000 marine Shoreline oblique photos	Characterization Ecological Shoreline uses Designation criteria			<a href="http://apps.ecy.wa.gov/website/coastal_atlas/viewer.htm">http://apps.ecy.wa.gov/website/coastal_atlas/viewer.htm</a>
<b>i) Impervious surfaces</b>				
2002 University of Washington landcover	Characterization Ecological Shoreline uses Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/raster/landcover/Landcover_Data.htm#2002Landcover">http://www.metrokc.gov/gis/sdc/raster/landcover/Landcover_Data.htm#2002Landcover</a>
Impervious surface	Characterization Ecological Shoreline uses Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/raster/landcover/Landcover_Data.htm#ImperviousGrowth">http://www.metrokc.gov/gis/sdc/raster/landcover/Landcover_Data.htm#ImperviousGrowth</a>
2001 King County landcover	Will not be used	Data quality is low compared to University of Washington 2002.		<a href="http://www.metrokc.gov/gis/sdc/raster/landcover/Landcover_Data.htm#2001Landcover">http://www.metrokc.gov/gis/sdc/raster/landcover/Landcover_Data.htm#2001Landcover</a>
Impervious surface (marine only)	Characterization Ecological Designation criteria	Data is qualitative, but may still be useful in the characterization analysis.		<a href="http://www.metrokc.gov/gis/sdc/raster/landcover/ChgDetectionImpervious.html">http://www.metrokc.gov/gis/sdc/raster/landcover/ChgDetectionImpervious.html</a>
<b>j) Vegetation in the SMA jurisdiction</b>				
2001 King County landcover	Will not be used	Data quality is low compared to University of Washington 2002.		<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=454">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=454</a>
2002 University of Washington landcover	Characterization Ecological Shoreline uses Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/raster/landcover/index.htm">http://www.metrokc.gov/gis/sdc/raster/landcover/index.htm</a>
Shorezone riparian (marine only)	will not be used	Data quality is low, compared to newer data sources		<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_eeline.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_eeline.htm</a>
Marine Riparian Vegetation (marine only)	Characterization Ecological Designation Criteria	This data set is more accurate at the marine shoreline than the UW 2002 landcover..		MRV
Riparian vegetation in the Duwamish River	Will not be used	Data is not as accurate as landcover; collected by boat		RIP_In
2005 Marsh layer from Anchor Environmental.	Characterization Ecological Designation criteria	Data has been field verified and is contains information not included in King County's wetland files		marsh
Kelp	Characterization Ecological Designation criteria		Aquatic wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_kelpline.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_kelpline.htm</a>
Marsh habitat-shorezone	Will not be used	Anchor marsh data has been field verified.		<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_saltline.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_saltline.htm</a>
eelgrass	Characterization Ecological Designation criteria		Aquatic wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_eeline.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_eeline.htm</a>
High landscape forest value. Files are highforestvalue_erase.shp and x_high_forest_value.shp	Designation criteria		High landscape forest value and wildlife network	High Landscape Forest Value is from "forest_conn" shapefile. Limited metadata available at: <a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=622">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=622</a> More extensive metadata available upon request.
Vegetation within the Agricultural District - 25ft from Ordinary High Water Mark	Will not be used	Data is not as accurate as UW 2002 landcover and is limited in geographic extent		<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=38">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=38</a>
Vegetation within the Agricultural District - 100ft from the Ordinary High Water Mark	Will not be used	Data is not as accurate as UW 2002 landcover and is limited in geographic extent		<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=39">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=39</a>
Riparian Vegetation in the Lower Snoqualmie River	Will not be used	Data is not as accurate as UW 2002 landcover and is limited in geographic extent		<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/rwt_riparian.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/rwt_riparian.htm</a>
Noxious Weed layer	Characterization Ecological			<a href="http://www.metrokc.gov/gis/sdc/Content/Internal/enviro/weeds.htm">http://www.metrokc.gov/gis/sdc/Content/Internal/enviro/weeds.htm</a>
2002 aerial imagery	Characterization Ecological Shoreline uses Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/raster/ortho/index.htm">http://www.metrokc.gov/gis/sdc/raster/ortho/index.htm</a>
<b>j) Shoreline Modifications</b>				
Shorezone (percent of segment modified)	Will not be used	Other files contain more accurate and recent data		<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_shoremod.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_shoremod.htm</a>
Marine Amoring (photo interpretation only)	Will not be used	Based on two field efforts after this was completed, data in file slightly over-estimates the amount of armoring.		Armoring1
Marine Amoring (field verified)	Characterization Ecological Designation criteria	Field verified; data attributes include estimate of above, below or at Ordinary High Water Mark.		armoring 2
Jetty-Groin_breakwater (marine only)	Will not be used	Data was collected via photos only, but was later field verified		Jetty-groin-breakwater
Docks (overwater structures-marine only)	Characterization Ecological Characterization Public Access Designation criteria	Combines private and public structures		overwater_structure2
Boat ramps (marine only)	Characterization Ecological Characterization Public Access Designation criteria	Combines private and public structures		ramp

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Boat rails (marine only)	Characterization Ecological Designation criteria			Marine_rails
Groins (marine only)	Characterization Ecological Designation criteria	Data was field verified. King County jurisdiction does not have any breakwaters or jetties.		Groins
Docks in all lakes (except Lake Washington)	Characterization Ecological Designation criteria	Newly created point file based on 2002 King County aerial imagery		There is no metadata for this file yet.
Boat Launches-from the Washington Interagency Committee	Characterization Ecological Characterization Public Access Designation criteria			Boat moorage metadata and boat launch metadata
Shoretype (Modified/and modified accretion shoreforms)	Characterization Ecological Designation criteria			<a href="http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcg_wria8_9_shoretype.htm">http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcg_wria8_9_shoretype.htm</a>
King County Maintained Levee and Revetments	Characterization Ecological Characterization Public Access Designation criteria			<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpqiib/dnrplb_detail.cfm?DS_PID=104">http://dnr-web.metrokc.gov/dnrtech/dnrpqiib/dnrplb_detail.cfm?DS_PID=104</a>
All known armoring on the lower Snoqualmie River	Characterization Ecological Designation criteria			<a href="http://gisdw/intranet/sdc/nonkcqis/content/hydro_ext/nwt_hydrmod.htm">http://gisdw/intranet/sdc/nonkcqis/content/hydro_ext/nwt_hydrmod.htm</a>
Overwater structures in the Duwamish Waterway	Characterization Ecological Characterization Public Access Designation criteria	Does not differentiate public from private		OW_pl
Pilings in the Duwamish (line shapefile)	Characterization Ecological Characterization Public Access Designation criteria			Pileg_in
Pilings in the Duwamish (point shapefile)	Characterization Ecological Characterization Public Access Designation criteria			Pile_pt
All shoreline armoring in the Duwamish	Characterization Ecological Designation criteria			armor_in
All armoring in the lower Green River	Characterization Ecological Designation criteria			300M_station_Data
Lake Washington shoreline armoring	Characterization Ecological Designation criteria			shore
Docks on Lake Washington 1960	Shoreline use			see word document-UW_LAKE_WA. Note no real metadata exists.
Docks on Lake Washington 1974	Shoreline use			see word document-UW_LAKE_WA. Note no real metadata exists.
Docks on Lake Washington 1990	Shoreline use			see word document-UW_LAKE_WA. Note no real metadata exists.
Lake Washington docks as of 1999	Characterization Ecological Shoreline use Designation criteria			see word document-UW_LAKE_WA. Note no real metadata exists.
Lake Washington Dock attributes from 1999	Will not be used	Contains height and dock building data		see word document-UW_LAKE_WA. Note no real metadata exists.
HARD COPY. Lake Sammamish Natural Shoreline Survey-August 2000-not complete survey.	Will not be used	Survey is does not cover the whole study area.		N/A
<b>ii) critical areas</b>				
<b>ii) Wetlands</b>				
King County wetland layer	Characterization Ecological Shoreline use Designation criteria	Combines National Wetlands Inventory, King County wetlands and waterbody wetlands		<a href="http://www.metrokc.gov/gis/sdc/Content/Internal/enviro/sao_wetland.htm">http://www.metrokc.gov/gis/sdc/Content/Internal/enviro/sao_wetland.htm</a>
National Wetlands Inventory	Will not be used	National Wetland Inventory locations have already been combined with King County wetlands		<a href="http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/sph_nwi.htm">http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/sph_nwi.htm</a>
King County Waterbody (wetlands)	Characterization Ecological Shoreline use Designation criteria	Contains both open water and vegetated wetlands.		<a href="http://www.metrokc.gov/gis/sdc/Content/Internal/hydro/wtrbdy_wet.htm">http://www.metrokc.gov/gis/sdc/Content/Internal/hydro/wtrbdy_wet.htm</a>
New King County Department of Development and Environmental Services wetland polygon shapefile	Characterization Ecological Shoreline use Designation criteria			in SMP directory KCWET
Wetland loss	Characterization ecological	Newly created file based on soils, slopes and existing wetlands data		no metadata yet.
Shorezone	Will not be used	Data is not as accurate as field verified marsh data.		<a href="http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/ssz_saitline.htm">http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/ssz_saitline.htm</a>
2005 Marsh layer from Anchor Environmental.	Characterization Ecological Shoreline use Designation criteria			Marsh
<b>ii) Aquifer Recharge Areas</b>				

Attachment D. Documented Data Sources

Category of data/Data layer name	Analysis for which the data will be used.	Rationale for data use and details on how new data files were developed.	Map in which data was used	Metadata link
Areas highly susceptible to Ground Water Contamination	Characterization Ecological Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/enviro/asgwc.htm">http://www.metrokc.gov/gis/sdc/Content/internal/enviro/asgwc.htm</a>
Sole source aquifers	Characterization Ecological Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/hydro/ssaquif.htm">http://www.metrokc.gov/gis/sdc/Content/internal/hydro/ssaquif.htm</a>
Wellhead protection areas	Characterization Ecological Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/hydro/ssaquif.htm">http://www.metrokc.gov/gis/sdc/Content/internal/hydro/ssaquif.htm</a>
Critical aquifer recharge area	Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/enviro/cara.htm">http://www.metrokc.gov/gis/sdc/Content/internal/enviro/cara.htm</a>
<b>ii) Fish and wildlife habitat conservation areas (FWHCA)</b>				
Wildlife Habitat Network	Designation criteria		High landscape forest value and wildlife network	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/enviro/wildnet1996.htm">http://www.metrokc.gov/gis/sdc/Content/internal/enviro/wildnet1996.htm</a>
Salmonid distribution Watershed Resource Inventory Area 7	Designation Criteria		Aquatic wildlife and habitat	<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=515">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=515</a>
Salmonid distribution Watershed Resource Inventory Area 8	Designation Criteria		Aquatic wildlife and habitat	<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=396">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=396</a>
Salmonid distribution Watershed Resource Inventory Area 9	Designation Criteria		Aquatic wildlife and habitat	<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=397">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=397</a>
Salmonid distribution: Vashon	Designation Criteria		Aquatic wildlife and habitat	<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=398">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=398</a>
Herring spawning areas	Designation Criteria		Aquatic wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_herrspwn.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_herrspwn.htm</a>
Surf smelt spawning areas	Designation Criteria		Aquatic wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_smelt.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_smelt.htm</a>
sand lance spawning areas	Designation Criteria		Aquatic wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_sandlanz.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_sandlanz.htm</a>
Eelgrass (shorezone)	Designation criteria		Aquatic wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_eelline.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_eelline.htm</a>
Kelp (shorezone)	Designation criteria		Aquatic wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_kelpline.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_kelpline.htm</a>
WDFW Priority Habitats and Species Database - aquatic habitat. Includes estuary data, waterfowl concentration areas, and cavity-nesting duck areas.	Designation Criteria		Aquatic wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/addl_doc/200402sph7003/pages/sph_doc.html">http://gisdw/intranet/sdc/nonkcgis/addl_doc/200402sph7003/pages/sph_doc.html</a>
Salmonid distribution Watershed Resource Inventory Area 10	Designation criteria		Aquatic wildlife and habitat	Still trying to find the data from the WRIA 10 Limiting Factors Report
Salmon and Steelhead Habitat Inventory and Assessment Preogram dams and fish barriers	Characterization Ecological		Aquatic wildlife and habitat	SSHIAP_Salmonscapedams and SSHIAP_Salmonscapfishpassage
Stream reaches with Freshwater Mussels	Designation Criteria		Aquatic wildlife and habitat	No metadata
WDFW Priority Habitats and Species Database - Data for aquatic species of concern: Barrow's Goldeneye, Common Loon, Wood Duck, Harlequin Duck, Tailed Frog, and Western Pond Turtle.	Designation Criteria		Aquatic wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/addl_doc/200402sph7003/pages/sph_doc.html">http://gisdw/intranet/sdc/nonkcgis/addl_doc/200402sph7003/pages/sph_doc.html</a>
Benthic Index of Biological Integrity Data; King County studies under two different protocols	Will not be used	Data was not intended to be stand-alone and could be misinterpreted as such.	Aquatic wildlife and habitat	metrics described here: <a href="http://dnr.metrokc.gov/wlr/waterres/bugs/metrics_desc.htm">http://dnr.metrokc.gov/wlr/waterres/bugs/metrics_desc.htm</a>
Washington Department of Ecology dam layer	Characterization Ecological Shoreline use Designation criteria		Aquatic wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/content/hydro_ext/sde_dams.htm">http://gisdw/intranet/sdc/nonkcgis/content/hydro_ext/sde_dams.htm</a>
WDFW PHS data for marine species and habitat. Files include sph_clamhard, sph_crab, sph_geoduck, and sph_urchin	Designation Criteria		information not placed on public maps	<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_clamhard.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_clamhard.htm</a> , <a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_crab.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_crab.htm</a> , <a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_geoduck.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_geoduck.htm</a> , <a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_urchin.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_urchin.htm</a>
Washington Natural Heritage program, rare plant species/ associations	Designation Criteria		information not placed on public maps	<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/snr_wnhpcurr.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/snr_wnhpcurr.htm</a>
WDFW Priority Habitats and Species Database - data for terrestrial species of concern: Beller's ground beetle, Great Blue Heron, and Pileated Woodpecker. Also large-mammal habitat areas.	Designation Criteria		Terrestrial wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/addl_doc/200402sph7003/pages/sph_doc.html">http://gisdw/intranet/sdc/nonkcgis/addl_doc/200402sph7003/pages/sph_doc.html</a>
WDFW Priority Habitats and Species Database - snag-rich areas and cliffs. The wetlands and riparian area layers were not used because King County already has its own layers of that information.	Designation Criteria		Terrestrial wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/addl_doc/200402sph7003/pages/sph_doc.html">http://gisdw/intranet/sdc/nonkcgis/addl_doc/200402sph7003/pages/sph_doc.html</a>
Bald Eagle nesting areas (Priority Habitat/Species database) - new file is called halebuf.shp	Designation criteria		Terrestrial wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_hrtgpts.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_hrtgpts.htm</a>

**Attachment D. Documented Data Sources**

Category of data/Data layer name	Analysis for which the data will be used.	Rationale for data use and details on how new data files were developed.	Map in which data was used	Metadata link
Wildlife Heritage Database - contains information on non-game species of concern: American White Pelican, Beller's Ground Beetle, fisher, golden eagle, gray wolf, Great Blue Heron, Green Heron, Grizzly Bear, Larch Mtn. salamander, lynx, mountain quail, northern Goshawk, Osprey, Townsend's big-eared bat, Peregrine Falcon, Pileated Woodpecker, Purple Martin, and Vaux's Swift.	Designation criteria		Terrestrial wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_hrtgpts.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_hrtgpts.htm</a>
WDFW Priority Habitats and Species Database - spotted owl data. files is owls.shp	Designation criteria		Terrestrial wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/addl_doc/200402sph7003/pages/sph_doc.html">http://gisdw/intranet/sdc/nonkcgis/addl_doc/200402sph7003/pages/sph_doc.html</a>
WDFW Priority Habitats and Species Database - marbled murrelet data. filename is mamupts.shp	Designation criteria		Terrestrial wildlife and habitat	<a href="http://gisdw/intranet/sdc/nonkcgis/addl_doc/200402sph7003/pages/sph_doc.html">http://gisdw/intranet/sdc/nonkcgis/addl_doc/200402sph7003/pages/sph_doc.html</a>
King County Department of Development and Environmental Services red tail hawk data	Designation Criteria		Terrestrial wildlife and habitat	No metadata
Large woody debris locations in the lower Snoqualmie	Will not be used	Data is a snapshot of locations of large woody debris, and does not represent related ecological processes.		<a href="http://gisdw/intranet/sdc/nonkcgis/content/hydro_ext/rwt_lwd.htm">http://gisdw/intranet/sdc/nonkcgis/content/hydro_ext/rwt_lwd.htm</a>
Large woody debris locations in the Duwamish	Will not be used	LWD accumulations are transitory in nature, and shoreline armoring is a better indicator of wood deposition in any particular location.		LWDP_pt
Drift log accumulations in the Duwamish	Will not be used	Drift log accumulations are transitory in nature, and shoreline armoring is a better indicator of wood deposition in any particular location.		Drift_acc
Large woody debris and drift log accumulations along marine shorelines	Will not be used	LWD and drift log accumulations are transitory in nature, and shoreline armoring is a better indicator wood deposition in any particular location.		LWD
Marine Resource Database (Various shellfish and marine invertebrates layers)	Will not be used	These cover primarily subtidal organisms that insufficiently known for use as ecological indicators.		<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_clamhard.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_clamhard.htm</a>
Fish Barriers on Vashon, marine bulkhead	Will not be used	The data covers water courses not covered under the Shoreline Management Act		<a href="http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/rwt_bulkhead.htm">http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/rwt_bulkhead.htm</a>
Fish barriers on Vashon, instream	Will not be used	The data covers water courses not covered under the Shoreline Management Act		<a href="http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/rwt_instream.htm">http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/rwt_instream.htm</a>
Fecal sources (waterfowl, dogs)	Characterization Ecological	Based on 2002 King County aerial photos (\\Gisdw\kclib\plibrary3\idxptrmbr\ortho_2002\usgs_nat) and staff knowledge ( M. Murphy, WLRD Lake Stewardship) of dog/waterfowl use (see \\Wlm4\SMPI\GIS Staff Group)\Street_Ends - goose_dog_places)		None
<b>ii) Geologically Hazardous Areas</b>				
Slope stability (marine only) Washington Department of Ecology	Characterization Ecological Designation criteria	While the data are old, the file still contains information unobtainable elsewhere.		<a href="http://gisdw/intranet/sdc/nonkcgis/content/ENVIRO_EXT/SDE_SLPSTAB.htm">http://gisdw/intranet/sdc/nonkcgis/content/ENVIRO_EXT/SDE_SLPSTAB.htm</a>
Toe Erosion layer (2005) (marine only)	Will not be used	The data in the file is incorporated into other datasets from the same study.		<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcg_wria8_9_toe_erosion.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcg_wria8_9_toe_erosion.htm</a>
Recent landslide (2005) (marine only)	Characterization Ecological Designation criteria			<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcg_wria8_9_landslides.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcg_wria8_9_landslides.htm</a>
Masswasting Inventory by Washington Department of Natural Resources	Characterization Ecological Designation criteria			<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/snr_lsi.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/snr_lsi.htm</a>
Sensitive Areas Ordinance erosion hazard areas	Characterization Ecological Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/enviro/erode.htm">http://www.metrokc.gov/gis/sdc/Content/internal/enviro/erode.htm</a>
Sensitive Areas Ordinance landslide hazard areas	Characterization Ecological Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/enviro/slide.htm">http://www.metrokc.gov/gis/sdc/Content/internal/enviro/slide.htm</a>
Sensitive Areas Ordinance seismic hazard Areas	Designation Criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/enviro/seism.htm">http://www.metrokc.gov/gis/sdc/Content/internal/enviro/seism.htm</a>
Sensitive Areas Ordinance coal mine hazard areas	Designation Criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/enviro/coalmine.htm">http://www.metrokc.gov/gis/sdc/Content/internal/enviro/coalmine.htm</a>
King County surficial geology layers	Characterization Ecological			<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ngs_surfgeol.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ngs_surfgeol.htm</a>
Drift Cells - modified in 2005	Characterization Ecological Designation criteria	Based on Department of Ecology drift cell files, but updated in several places with 2004 field data.		<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcg_wria8_9_all_studyarea_drift.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcg_wria8_9_all_studyarea_drift.htm</a>
<b>ii ) Frequently Flooded Areas</b>				
Channel migration hazard	Characterization Ecological Shoreline Use Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/hydro/chnlmigr.htm">http://www.metrokc.gov/gis/sdc/Content/internal/hydro/chnlmigr.htm</a>

**Attachment D. Documented Data Sources**

Category of data/Data layer name	Analysis for which the data will be used.	Rationale for data use and details on how new data files were developed.	Map in which data was used	Metadata link
Floodway	Characterization Ecological Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/hydro/floodway.htm">http://www.metrokc.gov/gis/sdc/Content/internal/hydro/floodway.htm</a>
Floodplain layer	Characterization Ecological Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/hydro/floodplain.htm">http://www.metrokc.gov/gis/sdc/Content/internal/hydro/floodplain.htm</a>
<b>iii) Restoration</b>				
iii) Degraded Areas with Potential for Ecological Restoration				
Modified marine shorelines	Restoration Planning			<a href="http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcg_wria8_9_shoretype.htm">http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcg_wria8_9_shoretype.htm</a>
Small scale restoration opportunities in marine shorelines	Restoration Planning			<a href="http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcg_restoration_opportunities.htm">http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcg_restoration_opportunities.htm</a>
Location of historic feeder bluffs in need of restoration (from 2005 study)	Restoration Planning			<a href="http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcg_restoration_bluffs.htm">http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcg_restoration_bluffs.htm</a>
Watershed Resource Inventory Area 7 Salmon Conservation plan project list (hard copy)	Restoration Planning	There may be a digital counterpart for project locations.		N/A
Watershed Resource Inventory Area 8 Salmon Conservation plan project list (hard copy)	Restoration Planning	There may be a digital counterpart for project locations.		N/A
Watershed Resource Inventory Area 9 Salmon Conservation plan project list (hard copy)	Restoration Planning	There may be a digital counterpart for project locations.		N/A
Watershed Resource Inventory Area 10 Salmon Conservation plan project list (hard copy)	Restoration Planning	There may be a digital counterpart for project locations.		N/A
2006 Flood Hazard Reduction Plan, project list (hard copy)	Restoration Planning	There may be a digital counterpart for project locations.		N/A
<b>iv) areas of special interest</b>				
<b>iv) Priority Habitats (note these are part of ii-FWHCA and not repeated here.)</b>				
<b>iv) Developing or redeveloping harbors and waterfronts</b>				
1995 landcover	Will not be used			<a href="http://www.metrokc.gov/gis/sdc/raster/landcover/Landcover_Data.htm">http://www.metrokc.gov/gis/sdc/raster/landcover/Landcover_Data.htm</a>
1998 landcover	Will not be used			<a href="http://www.metrokc.gov/gis/sdc/raster/landcover/Landcover_Data.htm">http://www.metrokc.gov/gis/sdc/raster/landcover/Landcover_Data.htm</a>
2002 University of Washington landcover	Will not be used			<a href="http://www.metrokc.gov/gis/sdc/raster/landcover/Landcover_Data.htm">http://www.metrokc.gov/gis/sdc/raster/landcover/Landcover_Data.htm</a>
(Hard Copy) Lake Sammamish Natural Shoreline Survey August 2000	Will not be used	Survey does not cover the whole study area.		N/A
(hard Copy) Urbanization and shoreline development of Lake Washington. Hockett, 1976 (MS thesis)	Will not be used	2001 report by the University of Washington is more up to date.		N/A
(hard copy) Shoreline and Dock Modifications in Lake Washington, April 2001	Will not be used			N/A
<b>iv) Previously identified toxic or hazardous Material Clean Up Sites.</b>				
1998 303D waterbodies	Designation Criteria			<a href="http://gisdw/intranet/sdc/nonkcqis/content/natres_ext/sde_wrcrs303.htm">http://gisdw/intranet/sdc/nonkcqis/content/natres_ext/sde_wrcrs303.htm</a>
1998 303D watercourses	Designation Criteria			<a href="http://gisdw/intranet/sdc/nonkcqis/content/natres_ext/sde_wrcrs303.htm">http://gisdw/intranet/sdc/nonkcqis/content/natres_ext/sde_wrcrs303.htm</a>
Confirmed and suspected contaminated sites	Characterization Ecological Designation criteria			<a href="http://gisdw/intranet/sdc/nonkcqis/content/NATRES_EXT/SDE_CSCSALL.htm">http://gisdw/intranet/sdc/nonkcqis/content/NATRES_EXT/SDE_CSCSALL.htm</a>
Washington Department of Ecology sediment clean up status	Characterization Ecological Designation criteria			Older data set. Have been unable to find it or an update to it.
<b>iv) Dredge Disposal Sites</b>				
none known				none
<b>iv) Eroding Shorelines</b>				
Slope stability (marine only) Washington Department of Ecology	Will not be used	Data is old and no longer up to date (other data sources cover current conditions)		<a href="http://gisdw/intranet/sdc/nonkcqis/content/ENVIRO_EXT/SDE_SLPSTAB.htm">http://gisdw/intranet/sdc/nonkcqis/content/ENVIRO_EXT/SDE_SLPSTAB.htm</a>
Sensitive areas ordinance erosion hazard areas	Characterization Ecological Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/enviro/erode.htm">http://www.metrokc.gov/gis/sdc/Content/internal/enviro/erode.htm</a>
Wave exposure (shorezone/ marine only)	Characterization Ecological			<a href="http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/ssz_expline.htm">http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/ssz_expline.htm</a>
Shoretype (2005) (marine only)	Characterization Ecological Designation criteria			<a href="http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcg_wria8_9_shoretype.htm">http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcg_wria8_9_shoretype.htm</a>
Sensitive areas ordinance landslide hazard areas	Characterization Ecological Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/enviro/slide.htm">http://www.metrokc.gov/gis/sdc/Content/internal/enviro/slide.htm</a>
Mass-wasting Inventory by Washington Department of Natural Resources	Characterization Ecological Designation criteria			<a href="http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/snr_lsi.htm">http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/snr_lsi.htm</a>
Toe Erosion layer (2005) (marine only)	Will not be used	The data in the file is incorporated into other datasets from the same study.		<a href="http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcg_wria8_9_toe_erosion.htm">http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcg_wria8_9_toe_erosion.htm</a>
Recent landslide (2005) (marine only)	Characterization Ecological Designation criteria			<a href="http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcg_wria8_9_landslides.htm">http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcg_wria8_9_landslides.htm</a>



**Attachment D. Documented Data Sources**

Category of data/Data layer name	Analysis for which the data will be used.	Rationale for data use and details on how new data files were developed.	Map in which data was used	Metadata link
Hard Copy, Cedar River Current Conditions Report	Will not be used	Data is limited in spatial extent and not usable in current format		N/A
Hard Copy, Soos Creek Basin plan	Will not be used	Data is limited in spatial extent and not usable in current format		N/A
<b>iv) MISC</b>				
Rain on snow areas	Characterization Ecological Designation criteria			<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/snr_rainsnow.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/snr_rainsnow.htm</a>
Rivers and streams	Characterization Ecological Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/hydro/wtrcrs.htm">http://www.metrokc.gov/gis/sdc/Content/internal/hydro/wtrcrs.htm</a>
Salmon and Steelhead Habitat Inventory and Assessment Program - Stream confinement	Characterization Ecological Designation criteria			SSHIAIP_salmonscapesegments
Salmon and Steelhead Habitat Inventory and Assessment Program - culverts/ blockages	Characterization Ecological Designation criteria			SSHIAIP_Salmonscapefishpassage
<b>v) conditions and regs in shorelands &amp; adjacent areas</b>				
<b>v) Surface Water Management Areas</b>				
Sensitive areas ordinance landslide hazard areas	Characterization Ecological Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/enviro/slide.htm">http://www.metrokc.gov/gis/sdc/Content/internal/enviro/slide.htm</a>
Sensitive areas ordinance erosion hazard areas	Characterization Ecological Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/enviro/erode.htm">http://www.metrokc.gov/gis/sdc/Content/internal/enviro/erode.htm</a>
Surface Water Design Manual water quality applications	will not be used			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/enviro/swdm_wq.htm">http://www.metrokc.gov/gis/sdc/Content/internal/enviro/swdm_wq.htm</a>
Surface Water Design Manual landslide hazard drainage areas	Characterization Ecological Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/enviro/swdm_lh_da.htm">http://www.metrokc.gov/gis/sdc/Content/internal/enviro/swdm_lh_da.htm</a>
Surface Water Design Manual flow control applications	will not be used			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/enviro/swdm_flow.htm">http://www.metrokc.gov/gis/sdc/Content/internal/enviro/swdm_flow.htm</a>
<b>v) Land Use Regulations</b>				
Zoning layer	Shoreline Use Designation Criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/planning/zoning.htm">http://www.metrokc.gov/gis/sdc/Content/internal/planning/zoning.htm</a>
Current Shoreline Management Act designations	Shoreline Use Designation Criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/planning/shorelinempp.htm">http://www.metrokc.gov/gis/sdc/Content/internal/planning/shorelinempp.htm</a>
P-Suffix conditions	Shoreline Use Designation Criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/planning/psc.htm">http://www.metrokc.gov/gis/sdc/Content/internal/planning/psc.htm</a>
Forest production district	Characterization Ecological Shoreline Use Designation criteria		Land/shoreline use	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/natres/forpddst.htm">http://www.metrokc.gov/gis/sdc/Content/internal/natres/forpddst.htm</a>
Agricultural production district	Characterization Ecological Shoreline Use Designation criteria		Land/shoreline use	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/natres/agrpddst.htm">http://www.metrokc.gov/gis/sdc/Content/internal/natres/agrpddst.htm</a>
Urban growth line	Characterization Ecological Shoreline Use Designation criteria		Land/shoreline use	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/planning/ugline.htm">http://www.metrokc.gov/gis/sdc/Content/internal/planning/ugline.htm</a>
Groundwater management areas	Characterization Ecological Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/planning/gwma.htm">http://www.metrokc.gov/gis/sdc/Content/internal/planning/gwma.htm</a>
Comprehensive plan land use	Designation criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/planning/complu.htm">http://www.metrokc.gov/gis/sdc/Content/internal/planning/complu.htm</a>
Clearing restriction areas	will not be used			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/planning/clrestr.htm">http://www.metrokc.gov/gis/sdc/Content/internal/planning/clrestr.htm</a>
Special district overlay	Shoreline Use Designation Criteria			<a href="http://www.metrokc.gov/gis/sdc/Content/internal/planning/sdo.htm">http://www.metrokc.gov/gis/sdc/Content/internal/planning/sdo.htm</a>
<b>vi) Potential public access sites</b>				
King County trails layer	Characterization Ecological Characterization Public Access Designation criteria		Public access	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/recreatn/trail.htm">http://www.metrokc.gov/gis/sdc/Content/internal/recreatn/trail.htm</a>
Current use taxation - Public Benefit Rating System	Shoreline uses Designation criteria	Parcels that are committed by owner agreement to providing public access to shorelines	Public access	<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=6">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=6</a>
King County owned property	Characterization Public Access Designation criteria		Public access	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/property/kcowned.htm">http://www.metrokc.gov/gis/sdc/Content/internal/property/kcowned.htm</a>
King County public lands	Characterization Public Access Designation criteria		Public access	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/property/public_lands.htm">http://www.metrokc.gov/gis/sdc/Content/internal/property/public_lands.htm</a>
King County owned parcels	Characterization Public Access Designation criteria		Public access	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/property/realprop.htm">http://www.metrokc.gov/gis/sdc/Content/internal/property/realprop.htm</a>
Washington Department of Natural Resources aquatic land ownership.	Characterization Public Access Designation criteria		Public access	alo_aquatic_parcel
Hand boat launch locations within the Duwamish	Characterization Ecological Characterization Public Access Designation criteria			Hlaunch



**Attachment D. Documented Data Sources**

Category of data/Data layer name	Analysis for which the data will be used.	Rationale for data use and details on how new data files were developed.	Map in which data was used	Metadata link
Boat launch data from Washington Interagency Committee	Characterization Ecological Characterization Public Access Designation			Boat moorage metadata and boat launch metadata
Access points (public and private) along the lower Snoqualmie River	Characterization Ecological Characterization Public Access Designation criteria			<a href="http://gisdw/intranet/sdc/nonkcgis/content/hydro_ext/nwt_access.htm">http://gisdw/intranet/sdc/nonkcgis/content/hydro_ext/nwt_access.htm</a>
King County public lands layer by program	Characterization Public Access Designation criteria			Don't have metadata yet.
Mount Baker National Forest maintained recreation areas (Todd, is this the layer you used?)	Characterization Ecological Characterization Public Access Designation criteria		Public access	<a href="http://gisdw/intranet/sdc/nonkcgis/content/recreatin_ext/nmb_recsites.htm">http://gisdw/intranet/sdc/nonkcgis/content/recreatin_ext/nmb_recsites.htm</a>
Mount Baker National Forest, all roads (Todd, is this the layer you used?)	Characterization Ecological Characterization Public Access Designation criteria		Public access	<a href="http://gisdw/intranet/sdc/nonkcgis/content/transportation_ext/nmb_roads_roadall.htm">http://gisdw/intranet/sdc/nonkcgis/content/transportation_ext/nmb_roads_roadall.htm</a>
Street Right of Way	Characterization Public Access Designation criteria	(not broken up in any way by road ends--ALL Right of Ways)		<a href="http://www.metrokc.gov/gis/sdc/Content/internal/property/row.htm">http://www.metrokc.gov/gis/sdc/Content/internal/property/row.htm</a>
Hard Copy - Quartermaster Harbor studies 1976	Characterization Public Access Designation criteria	Will not be used		N/A
Street ends	Characterization Public Access	Based on 2002 King County aerial photos (\\Gisdw\kclib\plibrary3\idxptrmbr\ortho_2002usgs_nat) and ROW data (St_address) (see \\Wlmt4\SMPI\GIS Staff Group\AccessPoints)	Potential public access	
Compiled water access data layer	Characterization Public Access	Data is based on 2002 King County aerial photos (\\Gisdw\kclib\plibrary3\idxptrmbr\ortho_2002usgs_nat), \\Gisdw\kclib\plibrary2\recreatin\shapes\point\park_facility), \\Gisdw\kclib\plibrary2\property\shapes\polygon(public_land), \\Wlmt4\SMPI\GIS Staff Group\ACboat launch(XYdbo_boat), and staff knowledge (M. Murphy, WLRD Lake Stewardship Program)	Public access	None
Informal access on County Natural Lands	Characterization Public Access	Based on staff knowledge (Connie Blumen, WLRD Natural Lands)	Public access	
Informal access on County Park Lands	Characterization Public Access	Based on staff knowledge (Sharon Claussen, DNRP Parks)	Public access	
Greenprint Parks and Regional Trails	Characterization Public Access	Med-High value (Greenprint assessment) parks and regional trail data clipped to shoreline	Potential public access	Figure 11 - Parks GIS Modeling Results (DNRP, Ken Rauscher)
Parcel ownership data	Shoreline Use			<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=69">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=69</a>
Cedar River Public Access parcels	Characterization Public Access			Don't have metadata yet.
<b>vi) Utility Corridors (see i) utility facilities above)</b>				
<b>vi) Public Right of Ways</b>				
Street Right of Way	Characterization Public Access Designation criteria	(not broken up in any way by road ends--ALL Right of Ways)		<a href="http://www.metrokc.gov/gis/sdc/Content/internal/property/row.htm">http://www.metrokc.gov/gis/sdc/Content/internal/property/row.htm</a>
Hard Copy - Quartermaster Harbor studies 1976	Characterization Public Access Designation criteria	May be used to augment Right of Way data from current Right of Way GIS files.		N/A
<b>vii) General location of floodplains and CMZs</b>				
Lower Snoqualmie River channel locations (1870, 1936, 2000)	Will not be used	Data does not represent a true "channel migration zone", but could be useful for general characterization of channel locations over the past 100 years.	Channel migration	<a href="http://gisdw/intranet/sdc/nonkcgis/content/hydro_ext/uuw_snq_1870.htm">http://gisdw/intranet/sdc/nonkcgis/content/hydro_ext/uuw_snq_1870.htm</a> <a href="http://gisdw/intranet/sdc/nonkcgis/content/hydro_ext/uuw_snq_1936.htm">http://gisdw/intranet/sdc/nonkcgis/content/hydro_ext/uuw_snq_1936.htm</a> <a href="http://gisdw/intranet/sdc/nonkcgis/content/hydro_ext/uuw_snq_2000.htm">http://gisdw/intranet/sdc/nonkcgis/content/hydro_ext/uuw_snq_2000.htm</a>
Cedar River channel / floodplain locations. General land office: 1870s, 1936, 1944, 1944, 1948, 1959, 1964, 1970, 1980, 1989, 1995, 2000.	Will not be used	Data does not represent a true "channel migration zone", but could be useful for general characterization of channel locations over the past 100 years.	Channel migration	<a href="http://gisdw/intranet/sdc/nonkcgis/content/HYDRO_EXT/UUW_CEDAR00.htm">http://gisdw/intranet/sdc/nonkcgis/content/HYDRO_EXT/UUW_CEDAR00.htm</a>
Channel migration hazards	Characterization Ecological Shoreline Use Designation criteria	spatial extent is limited	Channel migration	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/hydro/chnlmigr.htm">http://www.metrokc.gov/gis/sdc/Content/internal/hydro/chnlmigr.htm</a>
<b>vii) Floodplains</b>				

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Floodway	Characterization Ecological Shoreline Use Designation criteria	spatial extent is limited		<a href="http://www.metrokc.gov/gis/sdc/Content/internal/hydro/floodway.htm">http://www.metrokc.gov/gis/sdc/Content/internal/hydro/floodway.htm</a>
KC floodplain layer	Characterization Ecological Shoreline Use Designation criteria	spatial extent is limited		<a href="http://www.metrokc.gov/gis/sdc/Content/internal/hydro/fldplain.htm">http://www.metrokc.gov/gis/sdc/Content/internal/hydro/fldplain.htm</a>
<b>viii) Gaps in the Inventory</b>				
Channel migration areas for the whole County				N/A
Floodplains / floodway for all streams and rivers				N/A
Muckleshoot Indian Tribe data on lake shore conditions in Lake Washington and Lake Sammamish				N/A
Road right of ways				N/A
Directed studies of eroding shorelines in freshwater shorelines				N/A
Dredge disposal sites				N/A
Comprehensive data on shoreline armoring of lakes and rivers.				N/A
Comprehensive data on gasoline pipelines				N/A
Comprehensive data on natural gas pipelines				N/A
Comprehensive data on phone and power lines				N/A
GIS based harbor line data (paper copy only)				N/A
Airport locations				N/A
Comprehensive water supply lines				N/A
Climate change models/impacts				N/A
Informal public boat launches				N/A
Lakeshore bulkhead/armoring data				N/A
<b>ix) Cumulative Impacts</b>				
1996, 2000, and 2002 imagery	Cumulative Impacts			<a href="http://www.metrokc.gov/gis/sdc/raster/ortho/Ortho1996NIESNATMetadata.html">http://www.metrokc.gov/gis/sdc/raster/ortho/Ortho1996NIESNATMetadata.html</a> <a href="http://www.metrokc.gov/gis/sdc/raster/ortho/Ortho2000EmergeNATMetadata.html">http://www.metrokc.gov/gis/sdc/raster/ortho/Ortho2000EmergeNATMetadata.html</a> <a href="http://www.metrokc.gov/gis/sdc/raster/ortho/Ortho2002USGSNATMetadata.html">http://www.metrokc.gov/gis/sdc/raster/ortho/Ortho2002USGSNATMetadata.html</a>
1975/76 oblique photos (marine)	Cumulative Impacts			<a href="http://apps.ecy.wa.gov/website/coastal_atlas/viewer.htm">http://apps.ecy.wa.gov/website/coastal_atlas/viewer.htm</a>
1993 oblique photos (marine)	Cumulative Impacts			<a href="http://apps.ecy.wa.gov/website/coastal_atlas/viewer.htm">http://apps.ecy.wa.gov/website/coastal_atlas/viewer.htm</a>
2000 oblique photos (marine)	Cumulative Impacts			<a href="http://apps.ecy.wa.gov/website/coastal_atlas/viewer.htm">http://apps.ecy.wa.gov/website/coastal_atlas/viewer.htm</a>
Historic topographic sheets, digitized by University of Washington - rivers history group	Cumulative Impacts			Don't have metadata yet.
Landcover / type from historic topography - sheets (marine only)	Cumulative Impacts			Mega_T_sps
1995 landcover	Cumulative Impacts			<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=48">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=48</a>
2001 King County Landcover	Cumulative Impacts			<a href="http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=454">http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=454</a>
2002 University of Washington landcover	Cumulative Impacts			<a href="http://www.metrokc.gov/gis/sdc/raster/ortho/index.htm#Reorg">http://www.metrokc.gov/gis/sdc/raster/ortho/index.htm#Reorg</a>
Shoretype (marine only)	Cumulative Impacts			<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcq_wria8_9_shoretype.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcq_wria8_9_shoretype.htm</a>
Historic shoretype (beach feeding sources)	Cumulative Impacts			<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcq_wria8_9_modified_shore.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcq_wria8_9_modified_shore.htm</a>
Historic shoretype (accretion shoreforms)	Cumulative Impacts			<a href="http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcq_historic_as_complete.htm">http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcq_historic_as_complete.htm</a>
See shoreline modifications section (i) for many other data layers	Cumulative Impacts			N/A
1976 aerial photos of the marine shoreline	Cumulative Impacts			Not Finished Georeferencing them yet.
Hard copy of 1973 infrared photos - covers King County entirely	Cumulative Impacts			N/A
Hard copy of Sept 1972 infrared aerial photos of western half of King County (excluding Vashon / Maury Islands)	Cumulative Impacts			N/A
Hard Copy - 1936 aerial photos of all Vashon / Maury Islands and most of the marine shorelines within King County	Cumulative Impacts			N/A
Hard Copy - Shoreline and dock modifications in Lake Washington, April 2001	Cumulative Impacts			N/A
Hard Copy - Inventory and assessment of current and historic beach feeding sources/ erosion and accretion areas for the marine shorelines of WRIs 8&9. 2005	Cumulative Impacts			N/A
Hard Copy - Mapping historical conditions in the Snoqualmie River valley (RM0-RM40), 2002	Cumulative Impacts			N/A
Hard Copy - Chrzastowski (1983). Historical changes to Lake Washington and route of the Lake Washington Ship Canal, King County, Washington. U.S. Geological Survey Water Resources Investigations WRI 81-1182	Cumulative Impacts			N/A

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Hard Copy - Historical reconstruction, classification, and change analysis of Puget Sound tidal marshes. 2005.	Cumulative Impacts			N/A
Hard Copy--Lake Sammamish Natural Shoreline Survey-August 2000-not complete survey.	Cumulative Impacts			N/A
<b>X) Archaeological and Historical Resources</b>				
Historic sites shapefile (landmarks)	Characterization Public Access Designation criteria		Historical resources	<a href="http://www.metrokc.gov/gis/sdc/Content/internal/admin/histsite.htm">http://www.metrokc.gov/gis/sdc/Content/internal/admin/histsite.htm</a>
Archeological resources	Characterization Public Access Designation criteria	Data will be generalized spatially to avoid detailing precise locations of sensitive sites.	Historical resources	None