

Category/ Description	Data layer name	Rationale for data use	Metadata link
i) land use			
i) Land use patterns	Public Lands	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=public_lands
	2002 (University of Washington) Landcover (most of western Washington)	Will use 2007 data since it is more recent than	http://www5.kingcounty.gov/sdc/raster/landcover/Landcover2002LandsatMetadata.html
	2007 King County Landcover	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=erode
	Zoning-Normandy park		
	KC Sensitive Area Ordinance Erosion Hazard Areas	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=erode
	KC Sensitive Area Ordinance Landslide Hazard Areas	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=slide
	KC Sensitive Area Ordinance Seismic hazard Areas	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=seism
	Normandy Park current Shoreline Master Plan designations		
	Shorlines of statewide Significance, from Department of Ecology	Most complete up to date data	SMA_1998_sss_ends_points
	New Shoreline Master Plan jurisdiction based from Department of Ecology/1998 United States Geologic Survey GIS data	Most complete up to date data	SMA_1998_stream points metadata
	Aquifer Recharge Areas	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=cara
	Impervious surface	Most complete up to date data	http://www5.kingcounty.gov/sdc/raster/landcover/Landcover2007ImperviousMetadata.html
	King County street network	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=st_address

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i) Transportation facilities	Washington Department of Transportation Outfalls	Most complete up to date data	http://gisdw/intranet/sdc/nonkcqis/content/UTILITY_EXT/SDT_OUTFALL.htm
	Impervious Surface	Most complete up to date data	http://www5.kingcounty.gov/sdc/raster/landcover/Landcover2007ImperviousMetadata.html
	Culverts-Salmon and Steelhead Habitat Inventory and Assessment Program data for WRIA 9	Most complete up to date data	sshiap-salmonscapeculverts
	HARD COPY --Washington State Department of Transportation Fish Passage Barrier Removal Program-Dec 2000.	Paper data is out of date compared to Salmon and Steelhead Habitat Inventory and Assessment Program data	Will not be used
	Washington State Ferry terminals	part of larger data file covering all docks in WRIA 9	http://gisdw/intranet/sdc/nonkcqis/content/natres_ext/pae_nearsh_overwater_structure_pt.htm
i) Utility Facilities	Midway sewer district		http://gisdw/intranet/sdc/nonkcqis/content/utility_ext/lmw_mdwy_mains_gravity.htm
	Southwest Suburban Sewer District	Hard copy data only.	http://www.swssd.com/contactsandmaps-sewerlinemap.html
	Highline Water District		http://gisdw/intranet/sdc/nonkcqis/content/utility_ext/lhw_kc_h20.htm
	Other discharges	Most complete up to date data	http://gisdw/intranet/sdc/nonkcqis/content/UTILITY_EXT/CSE_METROCSO.htm
	unknown marine discharges (mixed in with natural and piped streams)	Most complete up to date data	http://gisdw/intranet/sdc/nonkcqis/content/ENVIRO_EXT/PCG_WRIA8_9_FRESHWATER.htm
	BPA Power Line layer	Most complete up to date data	No metadata.

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	Hard Copy -Marine Water Quality Assessment-Beneficial Uses Analysis of Selected Waters in the Seattle/King County Region, 1996	More up to date data now available.	N/A
i) existing structures	Impervious surface layers (but it covers more than just buildings)	Most complete up to date data	http://www5.kingcounty.gov/sdc/raster/landcover/Landcover2007ImperviousMetadata.html
	2007 King County landcover	Most complete up to date data	http://www5.kingcounty.gov/sdc/raster/landcover/Landcover2007LandsatMetadata.html
	2009 King County aerial imagery	Most complete up to date data	http://www5.kingcounty.gov/sdc/raster/ortho/Ortho2009KCNATMetadata.html
	2000 and 2006 marine Shoreline oblique photos	Most complete up to date data	http://apps.ecy.wa.gov/website/coastal_atlas/viewer.htm
i) Impervious surfaces	Impervious surface	Most complete up to date data	http://www5.kingcounty.gov/sdc/raster/landcover/Landcover2007ImperviousMetadata.html
	2007 King County landcover	Most complete up to date data	http://www5.kingcounty.gov/sdc/raster/landcover/Landcover2007LandsatMetadata.html
	Impervious surface (marine only)	Qualitative data set. Unlikely to use versus more specific data set.	http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/pae_nearsh_impervious.htm
	2007 King County land cover	Data quality is low, compared to slightly older data sources	http://www5.kingcounty.gov/sdc/raster/landcover/Landcover2007LandsatMetadata.html
	Shorezone riparian (marine only)	Data quality is low, compared to newer data sources	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_eeline.htm

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i) Vegetation in the SMA jurisdiction	Marine Riparian Vegetation (marine only)	While it may not be consistent to use this data versus the 2007 landcover, this data is more accurate at the marine shoreline.	http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/pae_nearsh_mrv.htm
	2005 Marsh layer from Anchor Env.	Data has been field verified and is not generally found in King County's wetland files	http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/pae_nearsh_marsh_pts.htm
	Kelp	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_kelpline.htm
	Marsh habitat-shorezone	Anchor Marsh data has been field verified and is more accurate	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_saltline.htm
	eelgrass	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_eelline.htm
i) Shoreline Modifications	Shorezone (percent of segment modified)	have more accurate and recent data	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_shoremod.htm
	Marine Amoring (field verified)	Along with being field verified, data attributes include above/below or at Ordinary High Water Mark.	http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/pae_nearsh_armoring.htm
	Jetty-Groin_breakwater (marine only)	Data was collected via photos only and was later field verified	http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/pae_nearsh_jetty_groin_breakwater.htm
	Docks (overwater structures-marine only)	Combines private and public	http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/pae_nearsh_overwater_structure_pt.htm
	Boat ramps (marine only)	Combines private and public	http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/pae_nearsh_ramp.htm

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	Boat rails (marine only)	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/pae_nearsh_marine_rail.htm
	Boat Launches-from the Washington Interagency Committee	Most complete up to date data when combined with other sources	Boat moorage metadata and boat launch metadata
	Shoretype (Modified/and modified accretion shoreforms	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcg_wria8_9_shoretype.htm
ii) critical areas			
ii) Wetlands	King County wetland layer	this combines National Wetlands Inventory, King County wetlands and waterbody wetlands	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=sao_wetland
	National Wetlands Inventory	National Wetland Inventory wetlands have already been combined with King County wetlands	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_nwi.htm
	King County Waterbody file wetlands	contains both open water and wetlands	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=wtrbdy_wet
	Shorezone	Data is not as accurate as field verified marsh data.	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_saltline.htm
	2005 Marsh layer from Anchor Env.	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/pae_nearsh_marsh_pts.htm
ii) Aquifer Recharge Areas	Areas highly susceptible to Ground Water contamination	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=asgwc
	Sole source aquifers	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=ssaquif
	Wellhead protection areas	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=ssaquif

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	Critical aquifer recharge area	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=cara
ii) fish and wildlife habitat conservation areas (FWHCA)	Salmonid distribution Watershed Resource Inventory Area 9	Most complete up to date data	http://dnr-web.metrokc.gov/dnrtech/dnrpgislib/dnrplib_detail.cfm?DS_PID=397
	Herring spawning areas	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_herrspwn.htm
	Large woody debris and drift log accumulations along marine shorelines	While data is a snapshot, it is more representative of process that is occurring and will continue to.	http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/pae_nearsh_lwd.htm
	Surf smelt spawning areas	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_smelt.htm
	sand lance spawning areas	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_sandlanz.htm
	Washington Natural Heritage program, rare plant species/ associations	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/snr_wnhpcurr.htm
	PHS data shellfish data layers	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/sph_clamhard.htm
	Eelgrass (shorezone)	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_eelline.htm
	Kelp (shorezone)	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/ssz_kelpline.htm
	Waterbody (under 20 acres)	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=wtrbdy
	Blue heron and Bald Eagle nesting areas (Priority Habitat/Species database)	Most complete up to date data	metadata not available
	Wetlands (see ii-wetlands)		N/A
	Salmon and Steelhead Habitat Inventory and Assessment Preogram dams and fish barriers	Most complete up to date data	SSHIAP_Salmonscapedams and SSHIAP_Salmonscapefishpassage

Category/ Description	Data layer name	Rationale for data use	Metadata link
	Department of Ecology dam layer	Most complete up to date data	http://gisdw/intranet/sdc/nonkcqis/content/hydro_ext/sde_dams.htm
ii) Geologically Hazardous Areas	slope stability (marine only) Departmten of Ecology	While it is old, it still contains data that other GIS files do not	http://gisdw/intranet/sdc/nonkcqis/content/ENVIRO_EXT/SDE_SLPSTAB.htm
	Toe Erosion layer (2005) (marine only)	The data in the file is incorporated into other datasets from the same study.	http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcq_wria8_9_toe_erosion.htm
	Recent landslide (2005) (marine only)	use with other data sets covering simlar data from different time periods	http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcq_wria8_9_landslides.htm
	Masswasting Inventory by Washington Department of Natural Resources	use with other data sets covering simlar data from different time periods	http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/snr_lsi.htm
	KC Sensitive Areas Ordinance Erosion hazard areas	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=erode
	KC Sensitive Areas Ordinance Landslide Hazard Areas	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=slide
	Sensitive Areas Ordinance Seismic hazard Areas	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=seism
	King County surficial geology layers	Most complete up to date data	http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/nqs_surfgeol.htm
ii) Frequently Flooded Areas	Floodplain layer	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=fldplain
iii) Restoration			
	Modified marine shorelines	Most complete up to date data	http://gisdw/intranet/sdc/nonkcqis/content/enviro_ext/pcq_wria8_9_shoretype.htm

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iii) Degraded Areas with Potential for Ecological Restoration	Small scale restoration opportunities in marine shorelines	use with other data sets covering similar data from different time periods	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcg_restoration_opportunities.htm
	Location of historic Feeder Bluffs in need of restoration (from 2005 study)	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcg_restoration_bluffs.htm
	Watershed Resource Inventory Area 9 Salmon Conservation plan project list (hard copy)	Most complete up to date data	N/A
iv) areas of special interest			
iv) Priority Habitats (note these are part of ii-FWHCA and not repeated here.)	not applicable		
iv) Developing or redeveloping harbors and waterfronts	not applicable		
iv) Previously identified toxic or hazardous Material Clean Up Sites.	2008 303 D	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/sde_303d_polys.htm
	2008 303 B	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/natres_ext/sde_305b_polys.htm
iv) Dredge Disposal Sites	none known		
	slope stability (marine only)- Department of Ecology	While it is old, it still contains data that other GIS files do not	http://gisdw/intranet/sdc/nonkcgis/content/ENVIRO_EXT/SDE_SLPSTAB.htm
	KC Sensitive areas ordinance Erosion hazard areas	use with other data sets covering similar data from different time periods	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=erode
	Shoretype (2005) (marine only)	Most complete up to date data	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcg_wria8_9_shoretype.htm

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iv) Eroding Shorelines	KC Sensitive areas ordinance Landslide Hazard Areas	use with other data sets covering similar data from different time periods	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=slide
	Masswasting Inventory by Washington Department of Natural Resources	use with other data sets covering similar data from different time periods	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/snr_lsi.htm
	Toe Erosion layer (2005)	The data in the file is incorporated into other datasets from the same study.	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcg_wria8_9_toe_erosion.htm
	Recent landslide (2005)	use with other data sets covering similar data from different time periods	http://gisdw/intranet/sdc/nonkcgis/content/enviro_ext/pcg_wria8_9_landslides.htm
iv) MISC	Rivers and streams	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=wtrcrs
	Salmon and Steelhead Habitat Inventory and Assessment Program-culverts/ blockages	Most complete up to date data	SSHIAP_Salmonscapfishpassage
V) conditions and regs in shorelands & adjacent areas			
v) Surface Water Management Areas	Does the City have any?		
v) Land Use Regulations	Normandy Park Zoning layer		
	Current Normandy Park Shoreline Management Act designations		
	Comprehensive plan land use		
vi) Potential public access sites			
	Public Lands	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=public_lands

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vi) Public Access Sites	Washington Department of Natural Resources aquatic land ownership.	Most complete up to date data	alo_aquatic_parcel
	Boat luanch data from Washington Interagency Committee	Most complete up to date data	Boat moorage metadata and boat launch metadata
	Street Right of Way	(not broken up in any way by road ends--ALL Right of Ways)	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=row
vi) Utility Corridors {see i) utility facilities above}			
vi) Public Right of Ways	Street Right of Way	(not broken up in any way by road ends--ALL Right of Ways)	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=row
vii) General location of floodplains and CMZs			
vii) Channel Migration Zones	Not applicable		
vii) Floodplains	KC floodplain layer	Most complete up to date data	http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=fldplain
viii) Gaps in the Inventory			
VII) Data gaps	Dredge disposal sites		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
	Comprehensive water supply lines		N/A
	Road ends		N/A
	Informal public boat launches		N/A
ix			
	2007 King County Landcover	Most complete up to date data	http://www5.kingcounty.gov/sdc/raster/landcover/Landcover2007LandsatMetadata.html
	Normandy Park zoning layer		

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ix) Cumulative Impacts	See shoreline modifications section (i) for many other data layers		
	Hard Copy -Inventory and Assessment of Current and Historic Beach Feeding Sources/ Erosion and Accretion Areas for the Marine Shorelines of WRIAs 8&9. 2005	Most complete up to date data	N/A
x			
X) Archaeological and Historical Resources	Historic sites shapefile		http://www5.kingcounty.gov/sdc/Metadata.aspx?Layer=histsite
	Cultural Resources		Does the City have any data for this?
	Landmarks		Does the City have any data for this?
	Archeological resources		Does the City have any data for this?