

**Appendix 1: Environmental Screening GIS Layers**

Group Name	GIS Layer	Source Agency	Publication Date
Boundaries	STI/Prioritization Region	NCDOT/ICI-OSM	2015
	County Name	NCDOT/ICI-OSM	2015
	Division Number	NCDOT/ICI-OSM	2015
	Hydrologic Unit Code 8	NRCS	2015
	Hydrologic Unit Code 12	NRCS	2015
	Level 4 EcoRegion	EPA	2007
Permit Location Info	Coastal Area Management Act (By County)	NCDOT/ICI-OSM	2015
	Tennessee Valley Authority ( By Hydrologic Unit)	NCDOT/ICI-OSM	2011
Hydrography	USGS 24k mapped streams.	DWR	2014
Wetlands	National Wetland Inventory US Fish and Wildlife Service - lines	USFWS	2005
	National Wetland Inventory US Fish and Wildlife Service - polys	USFWS	2005
	NCCREWS	DCM	2005
Conservation Area	State Owned Conservation Easement	NHP	2008
	Wild and Scenic River	USFWS and Others	2009
	Conservation Easements from National Conservation Easement Database	NCED	2015
	Land and Water Conservation Fund 6f Properties	DWR	2011
Fish & Aquatics	Significant Aquatic Endangered Species Habitats	WRC	2005
	Anadromous Fish Spawning Habitat	DMF	2005
	Submerged Aquatic Vegetation	DENR Office of Conservation	2013
	NC Wildlife Resources Commission Designated Trout Waters Lines	WRC	2016
	NC Wildlife Resources Commission Designated Trout Waters Polygons	WRC	2016
	NC WRC Stream Habitat	WRC	2006
	BIMS Trout Stream Designation	WRC/DWR	2014
	Primary Nursery Areas	DMF	2005
	Essential Fish Habitat	NOAA	2012

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Historic Property	Historic Property Point	NCHPO	2016
	Historic Property Local District Boundaries	NCHPO	2016
	Historic Property Polygons	NCHPO	2016
Water Quality	303d Streams	DWR	2014
	BIMS Watersupply Watershed Designation (Line Type)	DWR	2014
	BIMS Watersupply Watershed Designation (Polygon Type)	DWR	2014
	BIMS Outstanding Resource Waters Designation	DWR	2014
	Riparian Buffer Rules (By Hydrologic Unit)	DWR	2011
	BIMS High Quality Waters	DWR	2014
	BIMS Nutrient Sensitive Waters	DWR	2015
	Division of Water Quality, Non Discharge Facilities	DWR	2012
	EPA National Pollutant Discharge Elimination Systems- Outfalls	EPA	2010
	EPA National Pollutant Discharge Elimination Systems- Facilities	EPA	2010
Mitigation	EEP (DMS) Mitigation Site	EEP	2015
	NCDOT Mitigation Site	NCDOT/ICI-OSM	2015
	EEP (DMS) Targeted Local Watersheds	EEP	2015
	EEP (DMS) Local Watershed Plans	EEP	2015
	US Army Corps of Engineers- Ribits sites	USACE	2015
Natural Heritage	Natural Heritage Element Occurences (All Features)	NHP	2015
	Natural Heritage Program Heritage Areas	NHP	2015
	NC Natural Heritage Program- Managed Areas	NHP	2015
	NC Natural Heritage Program- Dedicated Nature Preserves or Registered Natural Heritage Areas	NHP	2015
	NC Natural Heritage Program- Macro Sites	NHP	2015
	NC Natural Heritage Program- Mega Sites	NHP	2015

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Threatened & Endangered	Natural Heritage Element Occurences (Only Threatened and Endangered Species)	NHP	2015
	Federally Listed Threatened or Endangered Vertebrate Species (By County)	NHP	2015
	Federally Listed Threatened or Endangered Invertebrate Species (By County)	NHP	2015
	Federally Listed Threatened or Endangered Plant Species (By County)	NHP	2015
	NCDOT Rare Roadside Plant Populations	NCDOT/BSG	2015
	USFWS Critical Habitat	USFWS	2012
NC Mines	USGS Mineral Resource Data System, Mines of NC	USGS	2012
Public Property	Project Lies in National Park Service Boundary	NPS	2006
	Project Lies in US Forest Service Boundary	USFS	2010
	State Owned Land	State Property Office	2014
	NCWRC Gameland	WRC	2014
	NC State Parks	DENR-DPR	2014
	Military Base	DOD-MTMMCTEA	2004
	USFWS National Wildlife Refuge	USFWS	2015
	Eastern Band of Cherokee Tribal Lands	Various County Parcel	2016
Design Complexity	NC Rail Tracks (Includes Crossings and Facilities)	NCDOT	2016
	NC Bike and Pedestrian Facilities (Includes SUP's)	NCDOT	2015
GeoEnvironmental	Groundwater Incidents	DENR-DWM	2004
	Active Permit Landfills	DENR-DWM	2015
	PreRegulated Landfills	DENR-DWM	1983
	Brownfield Agreement Sites	DENR-DWM	2015
	Dry Cleaning Solvent Cleanup Act Sites	DENR-DWM	2015
	Possibly Outdated Hazardous Waste Facilites	DENR-DWM	2001
	Resource Conservation and Recovery Act Hazardous Waste Facilities	DENR-DWM	2016
	Leaking Registered Underground Storage Tanks	DENR-DWM	2015

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<b>GeoEnvironmental</b>	<b>Registered Underground Storage Tanks</b>	<b>DENR-DWM</b>	<b>2012</b>
	<b>Old Superfund Sites</b>	<b>DENR-DWM</b>	<b>2007</b>
	<b>New Superfund Sites</b>	<b>DENR-DWM</b>	<b>2015</b>
	<b>Solid Waste Facilities</b>	<b>DENR-DWM</b>	<b>2009</b>
	<b>US Asbestos Sites Mines and Mineral Deposits</b>	<b>DENR-DWM</b>	<b>2009</b>