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1. Water Quality Terms

Water Quality Manual Outline

1. Water Cycle Drawing
2. Fresh Water Ecosystems
	1. Ponds-lakes-Resorvoirs
3. Lake formation

 --Glacial

 --Reservoirs

 --Volcanoes

 --Earth Quakes

 --Fluvial

 --Oxbow

ii. Lake Eutrophication

iii. Cultural Eurtophication

* 1. Rivers
	2. Wetlands
1. Functions

 --habitat

 --Nursery

 --flood Control

 --water storage

 --ground water recharge

 --filtration

 --food production

 --migration

ii. Values

 --Recreation

 --boating

 --hunting

 --fishing

 --bird watching

 --photography

 --wild life viewing

 --Aesthetics

iii. Characteristics (3)

 --Hydrology

 --Hydric soils

 --Hydrophytic vegetation

iv. Plants

 --cattails

 --sedge grasses

 --rushes

 --lilies

v. Types of Wetlands

 --marsh

 --swamp

 --bogs

 --wet meadows

 --riparian zones

 --functions:

 --slows erosion

 --cools water

 --filters water

 --recreation

 --habitat

 --mitigation wetlands

 --prairie potholes

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* 1. Aquifers

 --Ogallala aquifer

 --depletion

 --water table

 --cone of depression

1. Marine Ecosystems
	1. Oceans

 --Drawing of ocean zones

 --Oceans map

* 1. Salt Marshes
	2. Estuaries
	3. Coral Reefs
	4. Tidal Pools