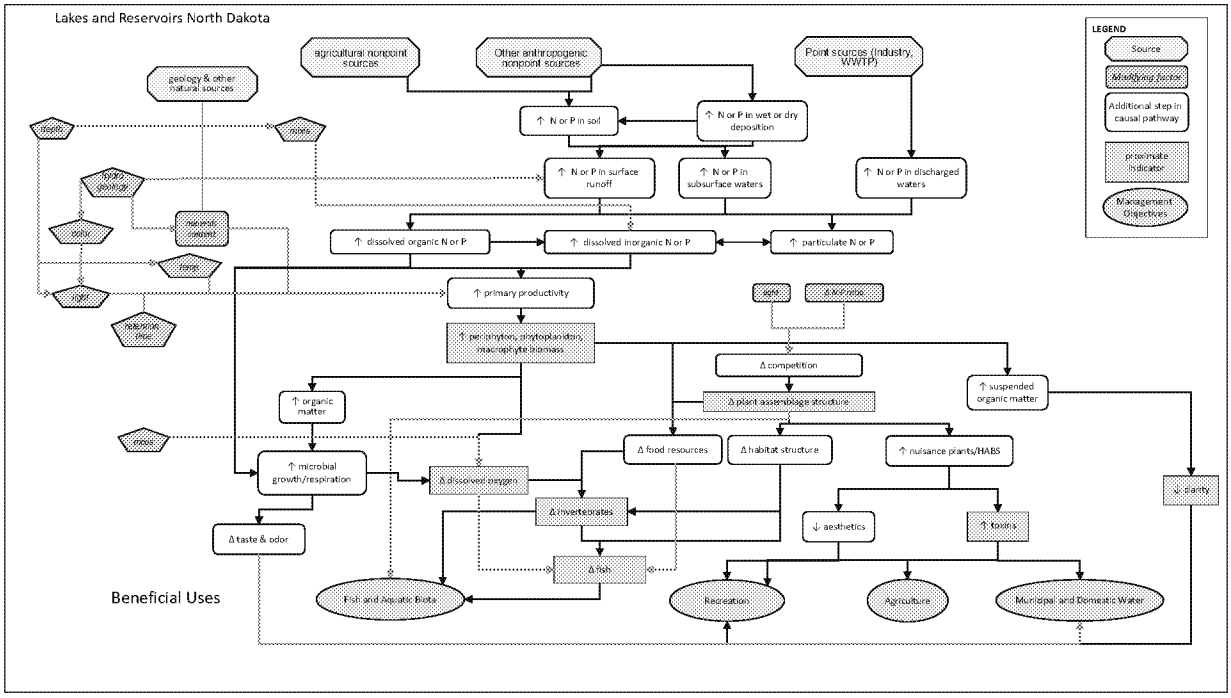
Lakes and Reservoirs North Dakota
LEGEND
Source
Modifying factor
Additional step in causal pathway
proximate indicator
Management Objectives
agricultural nonpoint sources
Other anthropogenic nonpoint sources
Point sources (Industry, WWTP)
geology & other natural sources
↑ N or P in soil
↑ N or P in wet or dry deposition
↑ N or P in surface runoff
↑ N or P in subsurface waters
↑ N or P in discharged waters
↑ dissolved organic N or P
↑ dissolved inorganic N or P
↑ particulate N or P
↑ primary productivity
↑ periphyton, phytoplankton, macrophyte biomass
Δ competition
Δ plant assemblage structure
↑ suspended organic matter
↑ organic matter
↑ microbial growth/respiration
Δ dissolved oxygen
Δ food resources
Δ habitat structure
↑ nuisance plants/HABS
↓ clarity
Δ invertebrates
↓ aesthetics
↑ toxins
Δ taste & odor
Δ fish
Beneficial Uses
Fish and Aquatic Biota
Recreation
Agriculture
Municipal and Domestic Water