What OBJECTIVE is being targeted? | What is the DESIRED OUTCOME? | What is the proposed MECHANISM to accomplish the desired outcomes? | What WATER MANAGEMENT TOOLS can be used to implement mechanism?
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Manage risk to public health and safety | Zero discharges to St. Lucie Estuary | Do not use S-308 for management of Lake Okeechobee | Do not include S-308 in regulation schedule as a tool for lake releases to St. Lucie River.
Manage risk to public health and safety | Prevent transfer of harmful algal blooms from Lake Okeechobee to St. Lucie and Caloosahatchee estuaries | Lower lake level during dry season with the goal of achieving 11 feet or lower lake elevation by June 1 | Maximize flows south through EAA to WCAs and maintain minimum flows east via S-79 to Caloosahatchee Estuary during dry season.
Manage risk to public health and safety | Protect integrity of Herbert Hoover Dike to ensure safety of Glades communities south of Lake Okeechobee | Lower lake level during dry season with the goal of achieving 11 feet or lower lake elevation by June 1 | Maximize flows south through EAA to WCAs and maintain minimum flows east via S-79 to Caloosahatchee Estuary during dry season.
Manage risk to public health and safety | Prevent all back-pumping and "back flow" into Lake Okeechobee | Do not use canals and water-control structures to send water into Lake Okeechobee from EAA | Do not use canals and water-control structures to send water into Lake Okeechobee from EAA
Protect economy of coastal communities | Prevent transfer of harmful algal blooms from Lake Okeechobee to St. Lucie and Caloosahatchee estuaries | Monitor algae on the lake and prohibit discharges if HABs are detected. | Prohibit lake releases through S-308 and S-79 if HABs are detected.
Protect water quality across system | Ensure that lake releases don't exceed the TMDL for total nitrogen or total phosphorous | Limit inflows of polluted water into Lake Okeechobee | Enforce TMDLs north of Lake Okeechobee
Protect ecological health of Everglades National Park and Florida Bay | Send maximum flows south during dry season. | Lower lake level during dry season with the goal of achieving 11 feet or lower lake elevation by June 1 | Maximize flows south through EAA to WCAs
Protect municipal water supply | Ensure that drinking water and other municipal uses are protected during times of scarcity | Prioritize residential use before industrial use, including agricultural use | Make system's full water supply available firstly for public use