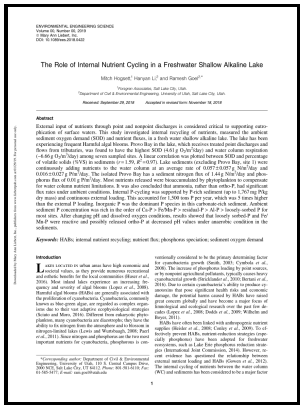
Sediment oxygen demand in Lake Ewauna and the Klamath River, Oregon, June 2003

U.S. Geological Survey - Sediment oxygen demand in Lake Ewauna and the Klamath River, Oregon, June 2003



The Role of Internal Nutrient Cycling in a Freshwater Shallow Alkaline Lake

Description: -
-
Water quality -- Oregon -- Ewauna, Lake
Water quality -- Klamath River (Or. and Calif.)
Water -- Dissolved oxygen -- Oregon -- Ewauna, Lake
Water -- Dissolved oxygen -- Klamath River (Or. and Calif.)
Sediments (Geology) -- Oregon -- Ewauna, Lake
Sediments (Geology) -- Klamath River (Or. and Calif.)Sediment oxygen demand in Lake Ewauna and the Klamath River, Oregon, June 2003
-
Scientific investigations report -- 2005-5228.Sediment oxygen demand in Lake Ewauna and the Klamath River, Oregon, June 2003
Notes: Includes bibliographical references (p. 14).
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Staff View: Sediment oxygen demand in Lake Ewauna and the Klamath River, Oregon, June 2003

Sediment Oxygen Demand in Lake Ewauna and the Klamath River, Oregon, June 2003 Sediment Oxygen Demand in Lake Ewauna and the Klamath River, Oregon, June 2003 By Micelis C. Sediment Oxygen Demand in Lake Ewauna and the Klamath River, Oregon, June 2003. Model Grid A CE-QUAL-W2 model grid is formed from model segments that connect together in the direction of flow.

USGS Upper Klamath Lake Long

The quality-assurance program includes field blanks the first sample collected every week and either a split sample or a method replicate each type every other week. Based on these correlations, it does not appear that SOD variability can be readily determined from these two sediment characteristics.

Sediment Oxygen Demand in Lake Ewauna and the Klamath River, Oregon, June 2003

One ADCP was deployed on the river bottom at Keno from June 5 through December 7, 2008. Several important tributary inflows and withdrawals were included in the model.

Computational and Empirical Water Quality Modeling in Lakes and Ponds

Samples are analyzed for chlorophyll a, total phosphorus, ammonia ammonia plus ammonium , orthophosphate, and nitrite-plus-nitrate concentrations. Year Published: 2003 Three sediment oxygen demand SOD measurement chambers were deployed in the Tualatin River near Tigard, Oregon, at river mile 10 in August 2000.

USGS Upper Klamath Lake Long

Turbidity is an optical property of water that measures scattering and absorption of light due to suspended and dissolved material, including ISS, algae, and particulate and dissolved organic matter POM and DOM ; but, use of the near-infrared wavelength by turbidity instruments, such as those used to collect this dataset, can help exclude the effect of DOM. Water velocity speed and direction through the water column was measured every 30 minutes from June 5 to September 23 and every 10 minutes from September 23 to December 7. The Bureau of Reclamation will provide boats up to two boats, if needed and boat operators, who also will be responsible for maintaining the boats.

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