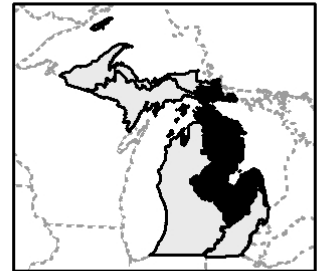


Aquatic Characteristic: Turbid Water

No Data

0 15 30 60
Kilometers

0 5 10 20
Miles



Aquatic Characteristic: Turbid Water

Description

Turbid water is water where the amount of particulate matter suspended in the water column is high, thereby decreasing the amount of light available to aquatic plants and animals.

General Condition of Feature

No data available.

Associated Species of Greatest Conservation Need

INSECTS

russet-tipped clubtail (*Stylurus plagiatus*)

FISH

striped shiner (*Luxilus chrysocephalus*)

black buffalo (*Ictiobus niger*)

FISH cont.

spoonhead sculpin (*Cottus ricei*)

river darter (*Percina shumardi*)

sauger (*Sander canadensis*)

Associated Threats

POLLUTION

- Altered nutrient inflows: Shift in nutrient occupancy in the trophic structure (low threat)
- Altered sediment loads: (low threat)

HABITAT CONVERSION

- Dams: Dams settle turbidity

BIOLOGICAL INTERACTIONS

- Invasive plants and animals: Zebra mussels

Conservation Actions Needed (Threats addressed)

LAND, WATER & SPECIES MANAGEMENT

- Prevent and control introductions and establishments of aquatic invasive species (invasive plant and animals)
- Remove dams to rehabilitate natural hydrology (dams)

LAW & POLICY

- Require existing dams to operate to mimic water conditions (dams)

EDUCATION & AWARENESS

- Increase invasive species education – introductions, preventative measures, how disturbance affects spread of aquatic invasive species, results of establishments (invasive plant and animals)

Research and Survey Needs

- Determine effective prevention, control, and survey techniques for aquatic invasive species, especially methods of controlling zebra mussels
- Determine condition of turbid water in the basin
- Determine unknown life history requirements for SGCN associated with turbid water

Monitoring

- Aquatic invasive species