

Department of Natural Resources

INTRA-DEPARTMENT

MEMORANDUM

Wisconsin Rapids...
Station

Date October 8, 1976

IN REPLY REFER TO: 3410

TO: File
FROM: Kenneth W. Schreiber
SUBJECT: Yellow River at Pittsville

On September 28, 1976 the writer conducted a survey of the subject area.

The Pittsville STP outfall was flowing at a rate of 10-20 gal/min. The effluent appeared cloudy and had a slight sewage smell.

The Yellow River above and below the STP outfall appeared very eutrophic, with dense growths of duckweed and algae.

Discharge of the Yellow River about 500 feet below STP outfall was determined as approximately 0.20 CFS.


Kenneth W. Schreiber

KWS:dls

NOTED:

Date

PITTSVILLE, WOOD COUNTY

Wastewater Receiving Stream Classification

Pittsville's wastewater treatment plant discharges to the Yellow River, which has a $7Q_{10}$ of 0.55 cfs. The river flows in a southeasterly direction, and joins the Wisconsin River in Castle Rock Flowage. Below the wastewater treatment plant, for approximately the first mile, the river flows through agricultural land with the river banks being wooded. Farther downstream, the river flows through predominately wooded areas with a small portion devoted to agriculture. Four miles below the wastewater treatment plant, a dam and impoundment (Dexter Pond) exists, which is utilized primarily for recreation.



Above Pittsville Sewage Treatment Plant on Yellow River



Pittsville Sewage Treatment Plant on Yellow River

Fish species reported to be present include walleye, northern pike, perch, crappies, bullheads, carp, and forage species. Muskrats have been reported, along with migratory birds nesting in the area.

No other streams capable of assimilating Pittsville's sewage treatment plant effluent are located in close proximity.

Recommendations: The Yellow River above and below the Pittsville wastewater treatment plant shall be classified as a continuous stream with fish and aquatic life subclassification.

It is also recommended that the outfall from the sewage treatment plant be relocated to the riffle area below the existing location.

District investigating team: Robert Derksen, Environmental Engineer; Art Ensign, Staff Specialist (Fish); Ron Yockim, Water Pollution Biologist; and Robert Young, Engineering Technician.

FILE	COUNTY	LOCAL
TRUNKS	STREETS	STREETS
68		0.61 6.62
68		0.61 6.62
68		0.61 6.62
68		0.65 7.22
68		0.61 6.62

CITY OF PITTSVILLE

354

CERTIFIED AS CORRECT:

TOWN: WOOD
COUNTY: WOOD

CITY CLERK

