

Date 12/13/2001

Facility Name Muskogee WWTTP, Waukesha Co.

Receiving Water Muskogee Lake via Kinnickinnick Creek

Evaluated by Laura Wü

This stream classification is not included in the revised code because (select one):

The discharger is no longer at this location.

A new classification has resulted in a full fish and aquatic life designation.
New survey date _____ Please provide copy of new classification report.

This receiving water should be added to the database and to the code. Specify information, as it should be included in code.

Other (please explain)
FACILITY HAS BEEN APPROVED w/
DISCHARGE TO THE MARSH.

R. Johnson
File

Muskego, Waukesha County
Fox River Drainage Basin

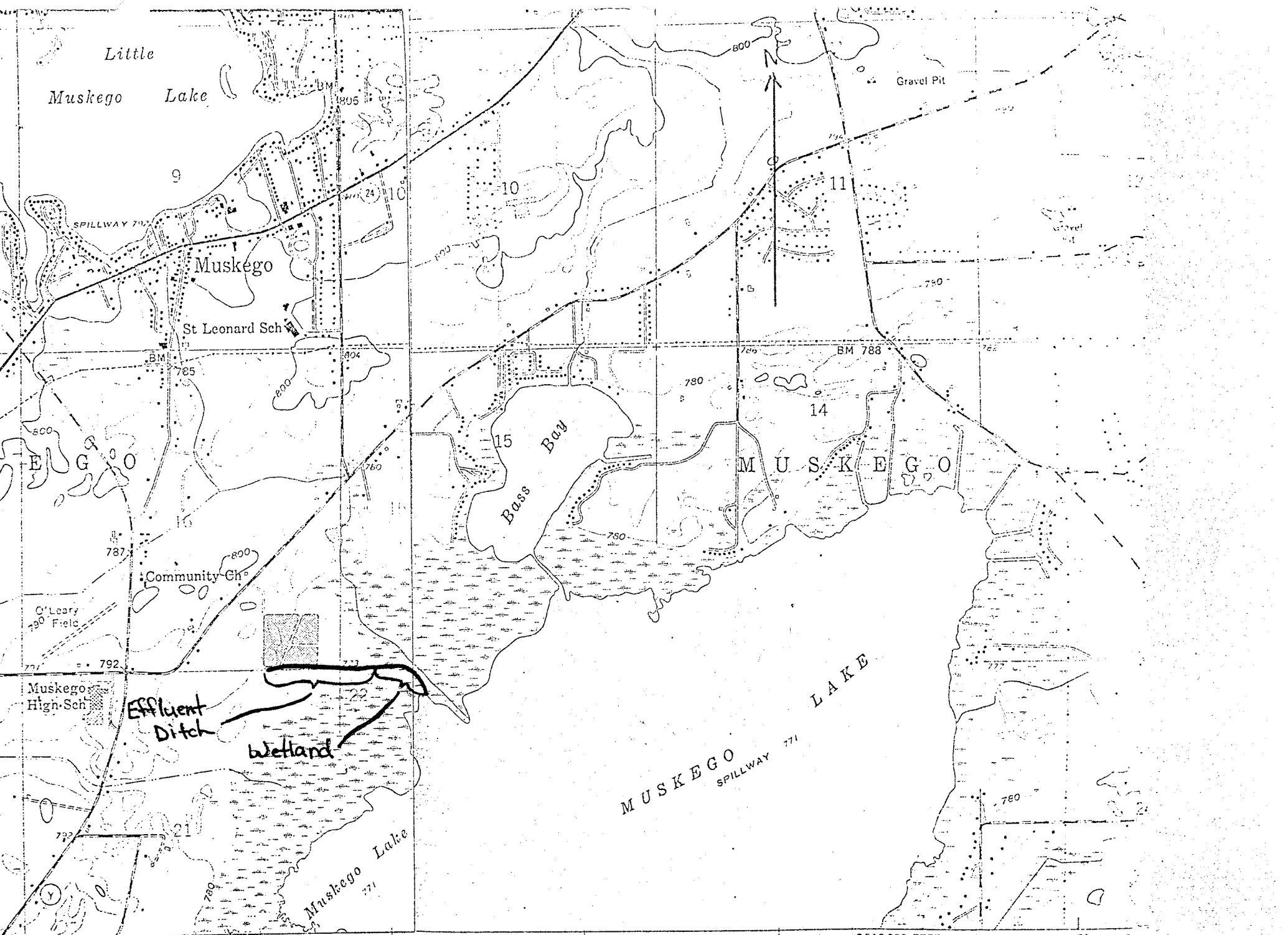
The effluent from the Muskego Wastewater Treatment Plant (Section 16, T5N, R20E) discharges to a wetland bordering Muskego Lake. The effluent discharges to a ditch and flows through cultivated agricultural land for approximately 0.25 miles before entering a wetland bordering Muskego Lake. Muskego Lake is approximately 0.1 mile from the point where the effluent enters the wetland.

Biological habitation of the ditch is limited by fluctuating water levels and a soft organic substrate. The wetland has potential as a wildlife habitat.

The recreational potential of the wetland and adjoining lake are high.

Recommendations

The section of ditch from the Muskego Wastewater Treatment Plant downstream to the wetland shall be classified as an effluent ditch. The wetland bordering Muskego Lake shall be classified as a wetland. Muskego Lake shall be classified as a lake. A more complete analysis must be completed to determine acceptable discharge limitations.



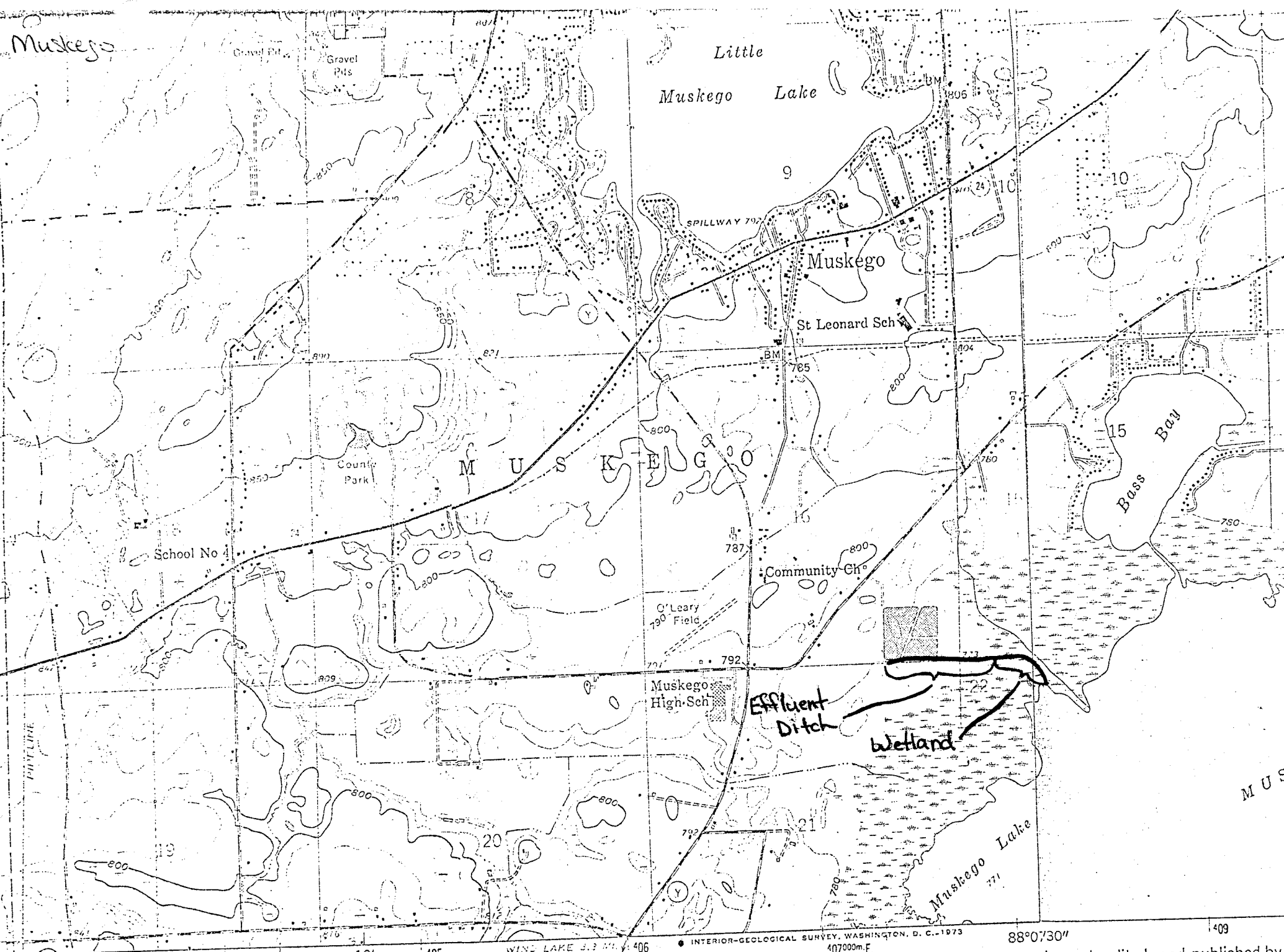
406 • INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C. - 1973 88°0'30" 409 410 2510 000 FEET 411 51' R. 23 E.

ROAD CLASSIFICATION

Mapped, edited, and published by the Geological Survey

Control by I and USC&GS

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TRIBUTARY - MUSKEGO LAKE, Muskego, WAUKESHA CO.

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SOUTHEAST DISTRICT

Surface Water (Facility Affected)	Reach Description	Hydrologic Classification	Applicable Criteria (1)	Effluent Limitations (2)
	Muskego WWTP OUTFALL to Big Muskego LAKE	EFFLUENT DITCH	EFFLUENT Ditch.	
Woods Rd. WWTP, Muskego to Big Muskego Lake, Waukesha Co.	Big Muskego Lake	LAKE	LAKE	LAKE