

Hortonville

Outagamie County

Wastewater Receiving Stream Classification

Survey Date: 8-8-75

The Hortonville wastewater treatment plant discharges to Black Otter Creek approximately 1/2 mile below Black Otter Lake. The stream has a  $7^{Q}_{10}$  of .1 CFS and is controlled by a dam on Black Otter Lake in Hortonville. Northern pike, bullheads, and foraging minnows were observed in the creek about .3 mile above the treatment plant. Black Otter Creek flows about 1 1/2 miles north to the Wolf River with agricultural land along the creek for about the first half mile. Then the stream flows through wooded lands to the Wolf River. Springs on the stream above the lake maintain a year round flow into Black Otter Lake.

Recommendations

The entire length of Black Otter Creek from the dam in Hortonville to the Wolf River should be classified as a continuous stream, fish and aquatic life use. A waste assimilation study was conducted on this stream on July 18, 1973. (Photo 12)

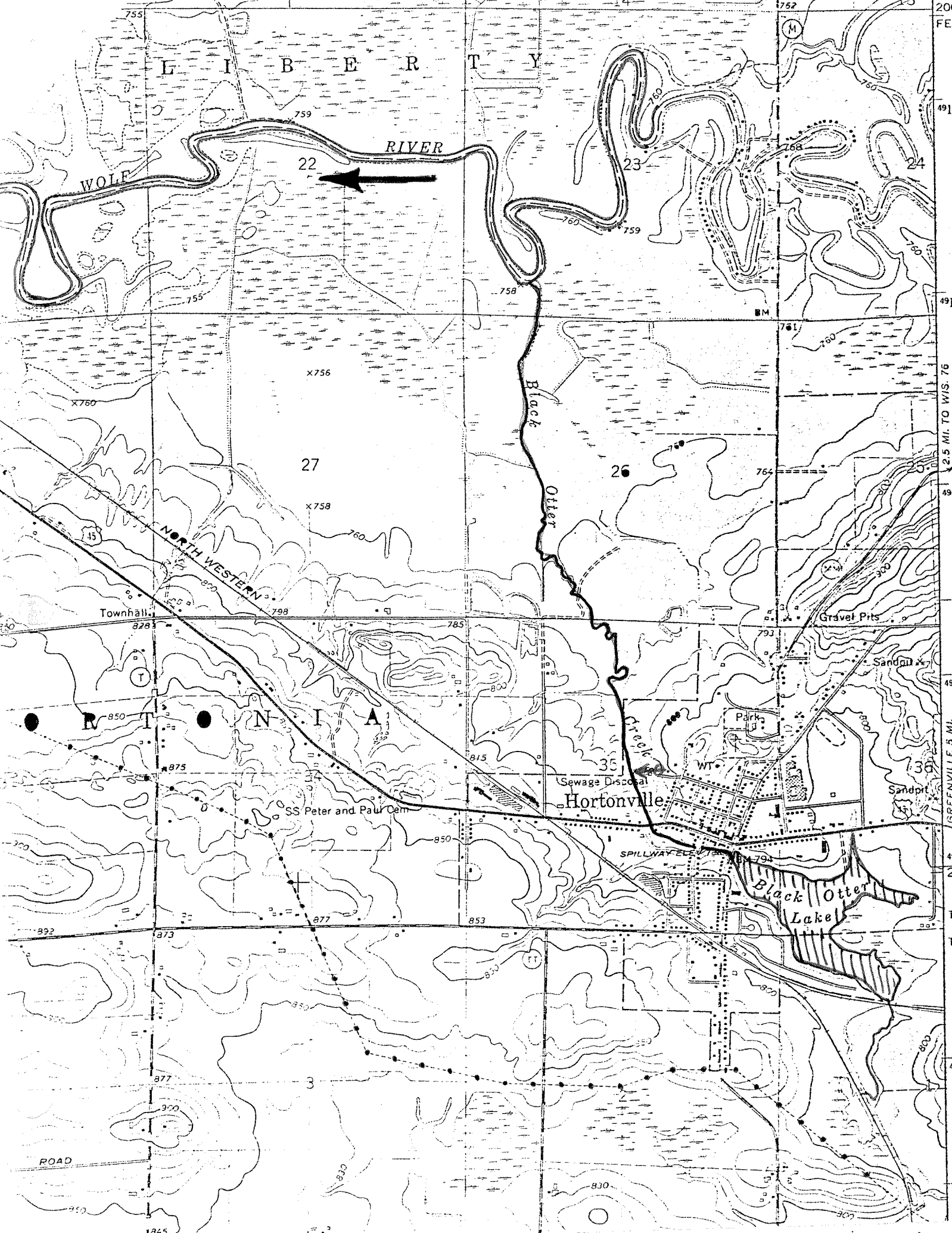
*David A. Hildreth*

David A. Hildreth  
District Engineer

*Dennis C. Weisensel*

Dennis C. Weisensel  
District Biologist

DAH:DCW:sh



LIBERTY

WOLF

RIVER



Black Otter

NORTH WESTERN

Townhall

Gravel Pits

IOWA

Hortonville

SS Peter and Paul Cem

Sewage Disposal

SPILLWAY ELEVATION

Black Otter Lake

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Nortonville



Black Otter Creek looking downstream  
from Hwy 45 bridge (About .3 mile above WTP)