

Region NER **County** Brown **Report Date** 4/1978 **Classification** LAL/DEF

Water Body: East River, unnamed trib

Discharger: Wrightstown WWTP SD #1

If stream is classified as Limited Forage Fish (LFF) or Limited Aquatic Life (LAL), check any of the following Use Attainability Analysis factors that are identified in the classification report:

- Naturally occurring pollutant concentrations prevent the attainment of use
- Natural, ephemeral, intermittent or low flow conditions or water levels prevent the attainment of the use, unless these conditions may be compensated for by the discharge of sufficient volume of effluent discharges without violating State water conservation requirements to enable uses to be met
- Human caused conditions or sources of pollution prevent the attainment of the use and cannot be remedied or would cause more environmental damage to correct than to leave in place
- Dams, diversions or other types of hydrologic modifications preclude the attainment of the use, and it is not feasible to restore the water body to its original condition or operate such modification in a way that would result in the attainment of the use
- Physical conditions related to the natural features of the water body, such as the lack of a proper substrate, cover, flow, depth, pools, riffles, and the like, unrelated to water quality, preclude attainment of aquatic life protection uses
- Controls more stringent than those required by sections 301(b) and 306 of the Act would result in substantial and widespread economic and social impact

Supporting Evidence in the report (include comments on how complete/thorough data is)

- Biological Data (fish/invert)
- Chemical Data (temp, D.O., etc.)
- Physical Data (flow, depth, etc.)
- Habitat Description
- Site Description (Map)
- Other: photos -

Historical Reports in file:

- 4/20/78 - Dennis Weisense
- 8/9/76 - Dan Uhl / Dennis Weisense

Additional Comments/How to improve report:

- need to confirm what is responsible for LAL class'n
- would be useful to get updated information, since data is relatively old.
effluent + ditch = LAL

CORRESPONDENCE/MEMORANDUM

STATE OF WISCONSIN

Date: April 20, 1978

File Ref: 3200

DNR

To: Central Office - Madison

Duane Schuettpelz

APR 24 1978

From: Dennis C. Weisensel



Subject: Stream Classification - Wrightstown S. D. #1 - Greenleaf - Brown
County - Unnamed Branch of the East River

Wrightstown S. D. #1 discharges to an effluent ditch which was specifically constructed for that purpose. The effluent ditch connects to a drainage ditch which, in approximately 500 feet joins with an unnamed headwater branch of the East River. Both ditches were constructed and reworked for the purpose of excepting the effluent from the treatment facility. The ditches were classified as effluent ditches.

The unnamed headwater branch of the East River has a continuous flow. It joins other branches of the river in approximately 1.75 miles. The unnamed branch is classified as intermediate aquatic life variance. The stream contains riffle-pool areas and provides adequate habitat to sustain an acceptable macro-invertebrate population and forage minnow population. The stream in the 1.75 mile range does not provide sufficient habitat to sustain a desirable fish population. The pool areas are not large enough to provide protection at all times. With the additional flow from the unnamed branch, the main stem, and other tributaries, the East River maintains a continuous flow and provides adequate habitat to sustain a desirable fish population. The East River at the confluence of the unnamed branch is classified as continuous-fish and aquatic life.

Should you have any additional questions please contact me by April 25, 1978.

DCW:sh

cc: Dan Uhl

NOTED:

Date _____

WRIGHTSTOWN S.D. #1

GREENLEAF, BROWN COUNTY

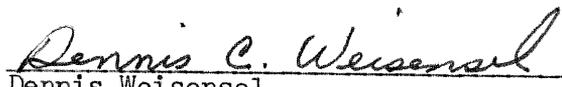
The Wrightstown S.D. #1 STP discharges to an effluent ditch which is about 30 feet long. The ditch joins a stormwater-drainage ditch which, after approximately 500 feet, joins an unnamed continuous stream which flows into the East River approximately 1.75 miles downstream.

RECOMMENDATIONS

The 30 foot ditch and the 500 feet of drainage ditch should be classified as effluent ditches. The receiving stream should be classified as continuous/intermediate aquatic life. The East River should be classified as continuous/fish and aquatic life.



Dan Uhl



Dennis Weisensel

DU:jp

WRIGHTSTOWN S.D. # 1

5-17-76

N

EAST RIVER

TOWN ROAD

UNNAMED TRIBUTARY TO E. RIVER.

- CONTINUOUS/FISH & AQUAT.
- == CONTINUOUS/INT. F & A
- EFFLUENT DITCH
- ① PHOTO LOCATIONS

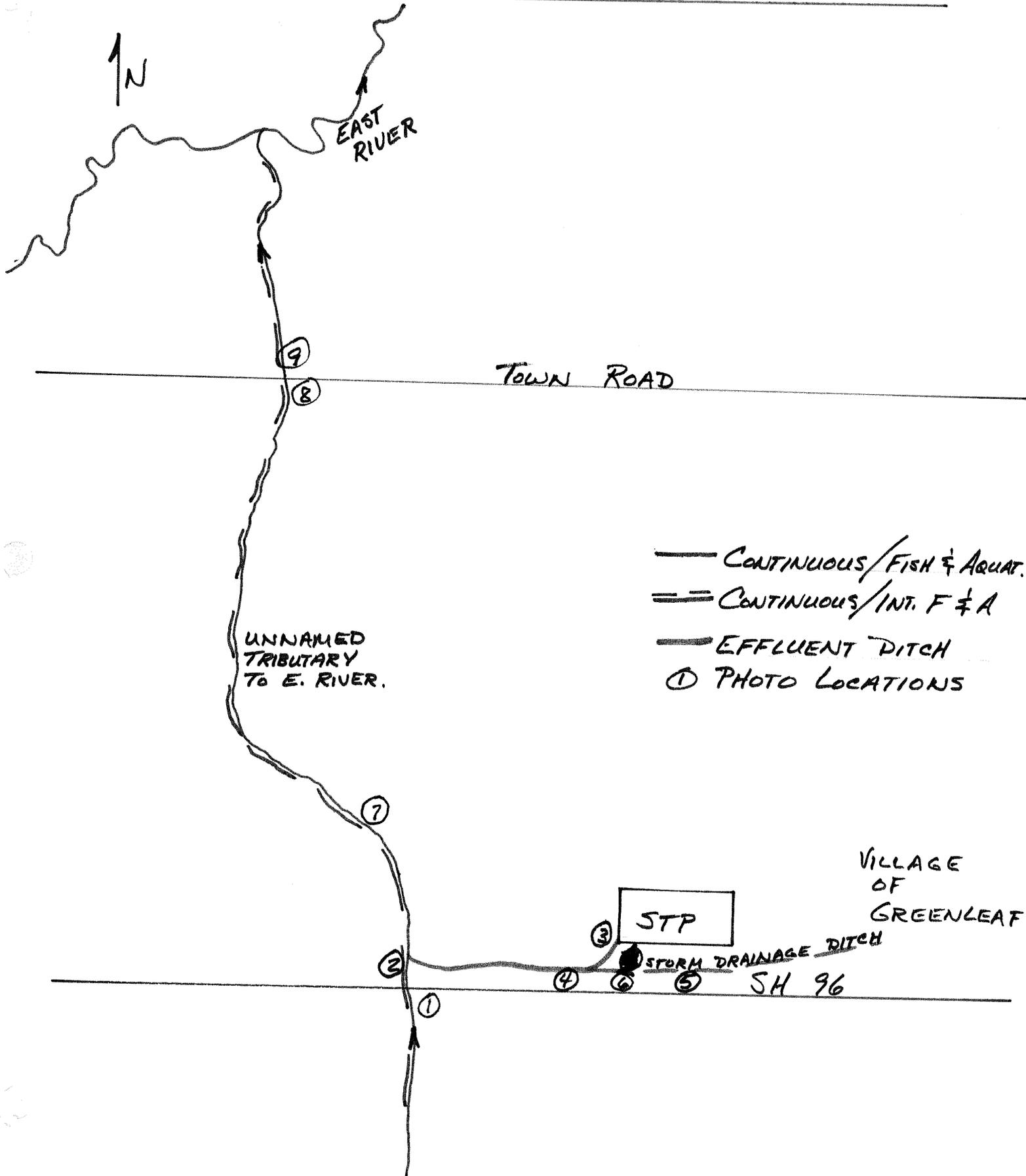
VILLAGE OF GREENLEAF

STP

STORM DRAINAGE DITCH

SH 96

ALL 8-9-76





CONT. INT. FISH + AQ



CONT. INT. FISH + AQUATIC



EFFLUENT DITCH



EFFLUENT DITCH



Drainage Ditch



Drainage Ditch



CONT./Fish + Aquatic



Cont./Fish + Aquatic



continuous fish & aquatic