

Region NER **County** Outagamie **Report Date** 5/1974 **Classification** LAL/LFF
Water Body: Bear Creek
Discharger: Greenville WWTP

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:

Drop Delete -
 (Greenville
 discharge only)
 going to Grand
 Chute - Menasha.

Historical Reports in file:

- 5/28/1976 - David Hildreth / Dennis Weisense
- 4/13/1978 - Dennis Weisense

Additional Comments/How to improve report:

- no data
- Greenville should be drop-deleted, as it correctly is in '01 green sheet

STREAM CLASSIFICATION

Greenville Sanitary District - Outagamie County

Survey Date: May 28, 1976

In the event that a WWTP is built in the Greenville Sanitary District it probably would discharge to Bear Creek. At the State Hwy '76 bridge in Greenville the USGS estimated Q_{7,10} is 0.0 cfs. The stream runs NE for about a mile, joins another tributary, and then flows NE through a marsh. At Mayflower Road, which is about 1¼ miles below the point where Bear Creek flows NE away from the roadside ditch, the stream appears to have picked up additional flow from the marsh. The stream widens out into a pool 30 to 40 feet wide and 1 to 2 feet deep but there is very little current. A return field check on August 2, 1976 showed zero flow at this location but some standing water. About 2 miles downstream at Wege Road, again we found standing water. About one-half mile downstream a tributary joins Bear Creek and at the next bridge below the confluence (Mayflower Road) the flow was about .15 cfs. About 2 miles downstream at Market Road the flow was .8 cfs.

Recommendations: Bear Creek from Hwy '76' in Greenville downstream to the confluence of Bear Creek and the tributary in Section 19 above Mayflower Road should be classified as non-continuous, marginal use. From this point down to Stephenville the stream should be classified as continuous, intermediate aquatic life.

David A. Hildreth

David A. Hildreth
District Engineer

Dennis C. Weisensel

Dennis C. Weisensel
District Biologist

This Bear Creek
is not the
same as the
Village of
Bear Creek

CORRESPONDENCE/MEMORANDUM

STATE OF WISCONSIN

Date: April 13, 1978

File Ref: 3200

To: Central Office - Madison

Duane Schuettpelz

DNR

From: Dennis C. Weisensel

Dennis C. Weisensel

APR 18 1978

Subject: Stream Classification - Greenville S. D. and Stephansville S. D. #1 -
Bear Creek - Outagamie County

It is pertinent that these two entities be discussed together since they are located on the same stream and one is located above the other.

NR 104.07 - Table 5 LMD #52 is written incorrectly. The variances are reversed and should read as follows:

52. Bear Creek (Stephansville S.D.)	Bear Creek from above location downstream to the Wolf River	Continuous I A
(Greenville S.D.)	Bear Creek from STH "76" to the tributary in Section 19, T. 22 N., R. 17 E.	Non-Continuous II B

Bear Creek was classified as non-continuous, marginal variance for Highway "76" in Greenville downstream to the confluence of a tributary in Section 19 above Mayflower Road. From that point downstream through Stephansville to the confluence with the Wolf River, Bear Creek was classified as continuous, intermediate aquatic life variance.

The upper reach of Bear Creek from Greenville to the confluence of the tributary in Section 19 (Mayflower Road), had zero flow on August 2, 1976. Standing water or pools was observed. This section of the stream does not provide sufficient habitat to sustain a desirable fish or forage fish population. The macro-invertebrate population would seriously be disrupted due to the intermittent flows.

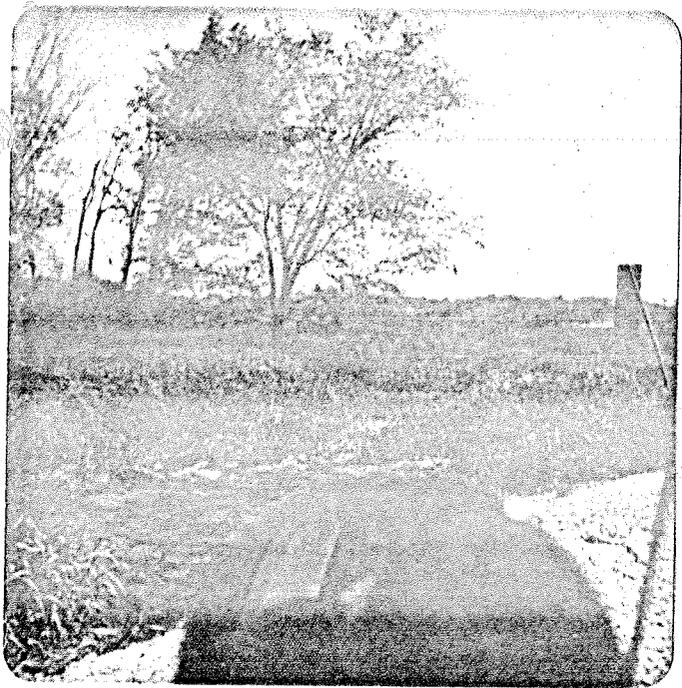
In Section 19, tributary flow adds sufficient water to sustain a continuous flow. As the creek flows toward Stephansville, non-point source pollution is contributed to the river and turbidity increases substantially. The Area Fish Manager, Dan Folz, indicated that the creek does not provide sufficient habitat to sustain a desirable fishery. The pool areas are not adequate to provide year round habitat to provide any substantial fishery. Forage minnows and smaller fish may be present in the creek. The creek at this point was classified as intermediate aquatic life variance.

Should you have any additional questions, contact me by April 27, 1978.

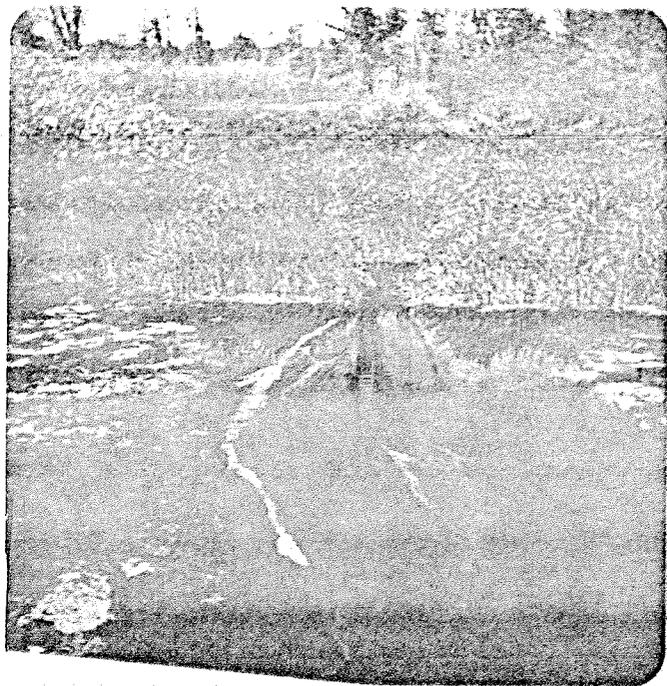
DCW:sh

cc: Dave Hildreth

NOTED: _____ Date _____



Emerglade Rd - downstream



May Flower Rd. - upstream
1st crossing below Emerglade



May Flower Rd - downstream



Broadway Rd. - upstream