

May 1, 1980

3200

File

Joe Kurz **JEK**

Stream Classification for George Connolly Development

George Connolly Development is located in the NW $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 30, T1N, R22E, Town of Pleasant Prairie in Kenosha County. The plans for this development include a small package wastewater plant with a discharge to a tributary of the Des Plaines River (see map).

In August, 1977, Rick Johnson and myself conducted a stream classification on the tributary. During the time of the survey the stream had water in it but with no perceptible flow.

The tributary drains primarily agricultural land use areas and has wetland vegetation along its banks. It flows into a large wetland area adjacent to the Des Plaines River. The stream has no recreational use and limited aquatic life.

It is the recommendation of this Department to classify the stream system as follows:

- 1.) The tributary is classified as a noncontinuous, marginal fish and aquatic life stream.
- 2.) The wetlands shall be classified as a shallow marsh.
- 3.) The Des Plaines River is classified a continuous, fish and aquatic life stream.

JK:jr

cc: Becky Wallace - WR/2
 → Frank Schultz



Map compiled, edited, and published by the Geological Survey
 Control by USGS, USC&GS, and U. S. Lake Survey
 Compiled in 1960 from 1:24 000-scale maps of
 Sturtevant, Pleasant Prairie, and
 5 minute quadrangles, surveyed 1958-1959
 Topography from aerial photographs by photogrammetric methods
 Aerial photographs taken 1955
 Hydrography compiled from U. S. Lake Survey charts 74 (1950)
 and 745 (1957)
 Cylindrical projection. 1927 North American datum
 1000-foot grid based on Wisconsin coordinate system, south zone
 100-meter Universal Transverse Mercator grid ticks,
 zone 16, shown in blue

R 21E 24 MI TO ILL 173 | 2 550 000 FEET
 R 22E 24 MI TO ILL 173
 CHICAGO (LOOP) 57 MI.
 55' R 22E 24 MI TO ILL 173
 LAKE BLUFF 19 MI | (WAUKEGAN)
 TRUE NORTH
 MAGNETIC NORTH
 APPROXIMATE MEAN
 DECLINATION, 1959

SCALE 1:62500
 0 3000 6000 9000 12000 15000
 1 5 0 1 2 3 4
 CONTOUR INTERVAL 20 FEET
 DOTTED LINES REPRESENT 10-FOOT CONTOURS
 DATUM IS MEAN SEA LEVEL
 DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS 578 FEET
 THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C.
 AND BY THE WISCONSIN GEOLOGICAL AND NATURAL HISTORY SURVEY