

Cottage Grove
Dane County

August 14, 1977
Koshkonong Tributary

The City of Cottage Grove has proposed an alternate discharge site to the Koshkonong tributary. This tributary is located in T7N, R11E, Sections 14, 15, 16 and flows easterly to enter Koshkonong Creek in Section 14. This tributary has been channelized and its primary use seems to be for drainage of farm land. It has a silt-sand bottom with heavy growths of arrowhead and duckweed in some areas. Twenty-five percent of the tributary is buffered by marsh and 75 percent is buffered by crop land.

Recommendations

From the proposed Cottage Grove discharge site and for the remainder of the Koshkonong Tributary the classification should be noncontinuous marginal surface waters.

The above recommendations represent a concurrence of opinion of the stream classification team who are as follows:

Roy Lembcke - District Engineer
Cliff Brynildson - Area Fish Manager
Tom Bainbridge - District Biologist
Roger Schlessler - Natural Resources Technician

Respectfully submitted,


Thomas Bainbridge
Stream Classification Coordinator

TB:mlu

Cottage Grove
Dane County

July 7, 1975

The Cottage Grove wastewater treatment lagoons discharge to Door Creek approximately 1/3 mile downstream of the Vilas Road Bridge. The 7Q10 of Door Creek above the lagoon outfall is .08 cfs. The stream flows roughly 8 miles before emptying into Lake Kegonsa. For the last 5 miles before emptying into Lake Kegonsa, the stream flows through marsh land that provides prime northern pike spawning grounds as well as excellent hunting opportunities.

At the Vilas Road Bridge above the lagoon discharge, the stream meanders through grassy areas with bordering corn fields and wooden stretches. The stream has natural banks and channel and exhibits a firm gravel rubble bottom. It would appear to be of an intermittent nature at this point.

The stream in the area of the lagoon outfall appears to have been straightened at some time and this appearance extends well below the lagoon location. There was a good sand bottom visible in this stretch and the stream channel was clearly defined. Bank protection consisted primarily of tall grasses with scattered trees. There was no evidence at this point of any nonpoint pollution problems.

South Hope Road crosses Door Creek approximately 2¼ miles below the lagoon discharge point. The stream was much wider at this point and had picked up flow. However, it again appeared to have been straightened in various reaches at some point in time. The water at this site was much more turbid than at the above site, which could be due in part to nonpoint sources or reaches of the stream without adequate bank protection.

Recommendations

Door Creek from its headwaters to the bridge on STH 12 & 18 should be classified as noncontinuous intermediate fish and aquatic life. From the STH 12 & 18 bridge downstream and for the entire remaining length of Door Creek, the classification should be continuous fish and aquatic life.

The above recommendations represent a concurrence of opinion of the stream classification team who are as follows:

Roy Lembcke - District Engineer
Clifford Brynildson - Area Fish Manager
Tom Bainbridge - District Biologist
Roger Schlessler - Natural Resources Technician

Respectfully submitted,


Thomas Bainbridge
Stream Classification Coordinator

RS:js

COTTAGE GROVE
DANE COUNTY

July 7, 1975

The Cottage Grove waste water treatment lagoons discharge to Door Creek approximately 1/3 mile downstream of the Vilas Road Bridge. The 7Q10 of Door Creek above the lagoon outfall is .08 cfs. The stream flows roughly 8 miles before emptying into Lake Kegonsa. For the last 3 miles before emptying into Lake Kegonsa, the stream flows through marsh land that provides prime northern pike spawning grounds as well as excellent hunting opportunities.

At the Vilas Road Bridge above the lagoon discharge, the stream meanders through grassy areas with bordering corn fields and wooded stretches. The stream has natural banks and channel and exhibits a firm gravel rubble bottom. It would appear to be of an intermittent nature at this point.

The stream in the area of the lagoon outfall appears to have been straightened at some time and this appearance extends well below the lagoon location. There was a good sand bottom visible in this stretch and the stream channel was clearly defined. Bank protection consisted primarily of tall grasses with scattered trees. There was no evidence at this point of any none point pollution problems.

South Hope Road crosses Door Creek approximately 2 1/4 miles below the lagoon discharge point. The stream was much wider at this point and had picked up flow. However, it again appeared to have been straightened in various reaches at some point in time. The water at this site was much more turbid than at the above site, which could be due in part to none point sources or reaches of the stream without adequate bank protection.

RECOMMENDATIONS

Door Creek from its headwaters to the bridge on South Hope Road should be classified as noncontinuous intermediate fish and aquatic life. From the South Hope Road bridge downstream and for the entire remaining length of Door Creek, the classification should be continuous intermediate fish and aquatic life.

The above recommendations represent a concurrence of opinion of the stream classification team who are as follows:

Roy Lembecke, District Engineer; Clifford Brynildson, Area Fish Manager; and Tom Bainbridge, Low Flow Stream Coordinator.


Tom Bainbridge
Low Flow Stream Coordinator

TB:lg



COTTAGE GROVE - First Town Road Bridge above Lagoons.

COTTAGE GROVE - First Town Road Bridge below Lagoons.



COTTAGE GROVE - Lagoon Discharge.

COTTAGE GROVE - First Town Road Bridge Below Lagoons.

