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- C = The sum of all the adjusted baseline loads within the applicable jgm stream segment as defined in sub. (1) for publicly-owned point sources calculated in sub. (4) (a).
- D = The sum of all the adjusted baseline loads within the applicable stream segment defined in sub. (1) for nonpublicly-owned point sources calculated in sub. (4) (b).

(6) For purposes of determining compliance with water quality related effluent limits, the following conditions shall be met:

(a) For a point source discharging into the lower Fox river from milepoints 40.0 through 19.2, the sum of the actual daily discharges for any 7consecutive-day-period may not exceed the sum of the daily point source allocation values calculated under sub. (5) for the same 7-consecutiveday-period; and

(b) For any one day period;

1. For a point source discharging into the lower Fox river between milepoints 40.0 through 32.4, the actual discharge may not exceed 135% of the allocation for that day as calculated under sub. (5).

2. For a point source discharging into the lower Fox river between milepoints 32.4 and 19.2, the actual discharge may not exceed 128.9% of the allocation for that day as calculated under sub. (5).

(7) The flow and temperature conditions used to determine compliance with permit effluent limits shall be the representative measurements of the flow averaged over the previous 4 days and temperature of the previous day.

History: Cr. Register, September, 1981, No. 309, eff. 10-1-81.

NR 212.60 Determination of upper Wisconsin river water quality related effluent limitations. Effluent limitations for point sources discharging BOD_5 to the upper Wisconsin river shall be calculated according to the procedures contained in this section. These limitations shall apply from May 1 to October 31 annually.

 $\left(1\right)$ Determine baseline loads for each point source subject to the waste load allocation.

(a) The baseline load for each publicly-owned point source located between milepoints 205.3 and 171.9 shall be calculated as follows:

Baseline Load = (Q) (8.34) (60)

Where $Q =$	The average daily flow for the publicly-
	owned point source during 1978
	expressed in millions of gallons per day.

- 8.34 = Conversion factor.
 - 60 = Concentration of BOD₅ expressed in milligrams per liter.

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(b) The baseline load for each nonpublicly-owned point source located between milepoints 205.3 and 171.9 shall be calculated as follows:

Baseline Load = (BPT) (Production)

- Where BPT = The final best practicable waste treatment effluent limitations for the point source as provided in chs. NR 284 and 285, expressed as pounds of BOD₅ per ton of production. If chs. NR 284 and 285 do not apply, the best practicable waste treatment effluent limitations as determined under ch. NR 217, shall apply. Production = The annual average off-machine
 - Production = The annual average off-machine production during 1978 expressed as tons per day.

(c) The baseline load for such publicly-owned point source located between milepoints 271.1 and 235.4 shall be calculated as follows:

Baseline Load = (Q) (8.34) (30)

Where $Q =$	The design flow for the publicly-owned point source expressed in millions of gallons per day.
8.34 =	Conversion factor

30 = Concentration of BOD₅ expressed in milligrams per liter.

(d) The baseline load for each nonpublicly-owned point source with best practicable waste treatment effluent limitations of less than 500 pounds per day located between milepoints 271.1 and 235.4 shall be calculated as follows:

Baseline Load = (BPT) (Production)

Where BPT =	The final best practicable waste treatment effluent limitations for the point source as provided in chs. NR 284 and 285, expressed as pounds of BOD ₅ per ton of production. If chs. NR 284 and 285 do not apply, the best practicable waste treatment effluent limitations as determined under ch. NR 217 shall apply.
Production =	The maximum weekly off-machine production during 1979 expressed as tons

(e) The baseline load for each nonpublicly-owned point source with best practicable waste treatment effluent limitations of BOD_5 equal to or exceeding 500 pounds per day located between milepoints 271.1 and 235.4 shall be calculated as follows:

per day.

Baseline Load = (BPT) (Production) Register, August, 1983, No. 332 Environmental Protection

- Where BPT = The final best practicable waste treatment effluent limitations for the point source as provided in chs. NR 284 and 285, expressed as pounds of BOD₅ per ton of production. If chs. NR 284 and 285 do not apply, the best practicable waste treatment effluent limitations as determined under ch. NR 217 shall apply.
- Production = The average weekly off-machine production expressed as tons per day from March to December 1973 for point sources located between milepoints 271.0 and 258.5 and the BPT WPDES permit limits for 1978 for point sources located between milepoints 258.4 and 258.2 and the average weekly off-machine production expressed as tons per day during 1974 for point sources located between milepoints 258.19 and 249.0 and the average weekly off-machine production expressed as tons per day during 1973 plus the woodroom allowance for sources located between milepoints 248.9 and 235.9.

(f) The baseline load for each publicly-owned point source located between milepoints 341.4 and 305.9 shall be calculated as follows:

Baseline Load = (Q) (8.34) (30)

Where Q =	The design flow for the publicly-owned point source located between milepoints 341.4 and 313.2 and the year 2000 flow projection for those located between milepoints 313.3 and 305.9 expressed in millions of gallons per day.
	.

- 8.34 = Conversion factor.
 - 30 = Concentration of BOD₅ expressed in milligrams per liter.

(g) The baseline load for each nonpublicly-owned point source located between milepoints 341.4 and 305.9 shall be calculated as follows:

Baseline Load = (BPT) (Production)

Where BPT = The final best practicable waste treatment effluent limitations for the point source as provided in chs. NR 284 and 285, expressed as pounds of BOD₅ per ton of production. If chs. NR 284 and 285 do not apply, the best practicable waste treatment effluent limitations as determined under ch. 217 shall apply.

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Production = The annual average off-machine production during 1978 expressed as tons per day.

(2) Determine the allocation for each point source.

(a) The allocation for each publicly-owned point source located between milepoints 205.3 and 171.9 shall be its baseline load as determined in sub. (1) (a).

(b) The allocation for each nonpublicly-owned point source located between milepoints 205.3 and 171.9 shall be calculated as follows:

Point Source Allocation =
$$BL (T) D$$

Where BL = The baseline load for the individual point source calculated under sub. (1) (b)

- $\begin{array}{ll} T = & \mbox{The total maximum daily BOD}_5 \mbox{ load} \\ \mbox{ available for allocation as shown in} \\ \mbox{ Table 1-m minus the sum of the point} \\ \mbox{ source allocations as determined in par.} \\ \mbox{ (a)} \end{array}$
- D = The sum of the baseline loads for nonpublicly-owned point sources calculated under sub. (1) (b).

For purposes of determining compliance with water quality related effluent limits, the following conditions shall be met:

1. The sum of the actual daily discharges for any 5-consecutive-dayperiod may not exceed the sum of the daily point source allocation values calculated under the formula for the same 5-consecutive-day-period; and

2. For any one day period, the actual discharge for the point source may not exceed 122.6% of the allocation for that day as calculated under the formula.

(c) The allocation for each publicly-owned point source located between milepoints 271.0 and 235.4 shall be its baseline load as determined under sub. (1) (c).

(d) The allocation for each nonpublicly-owned point source located between milepoints 271.1 and 235.4 with best practicable waste treatment effluent limits of less than 500 pounds of BOD₅ per day shall be its baseline load as determined under sub. (1) (d).

(e) The allocation for each nonpublicly-owned point source located between milepoints 271.1 and 258.5 with best practicable waste treatment effluent limits equal to or exceeding 500 pounds of BOD_5 per day shall be a reduction in its discharge to levels appearing in Table 2-m. For purposes of determining compliance with water quality related effluent limits, the following conditions shall be met:

1. The sum of the actual daily discharges for any 5-consecutive-day period may not exceed the sum of the daily point source allocation values calculated under Table 2-m for the same 5-consecutive-day period.

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2. For any one day period, the actual discharge for the point source may not exceed 119.3% of the allocation for that day calculated for those flow/temperature regimes identified as Condition B in Table 2-m or 131.8% of the allocation calculated for those flow/temperature regimes identified as Condition C in Table 2-m. No percentage adjustment shall be made for conditions identified as Condition A in Table 2-m.

(f) The allocation for each nonpublicly-owned point source located between milepoints 258.4 and 258.2 with best practicable waste treatment effluent limits equal to or exceeding 500 pounds of BOD_5 per day shall be a reduction in its discharge to levels appearing in Table 3-m. For purposes of determining compliance with water quality related effluent limits, the following conditions shall be met:

1. The sum of the actual daily discharges for any 5-consecutive-day period may not exceed the sum of the daily point source allocation values calculated under Table 3-m for the same 5-consecutive-day-period.

2. For any one day period, the actual discharge for the point source may not exceed 119.3% of the allocation for that day calculated for those flow/temperature regimes identified as Condition B in Table 3-m or 131.8% of the allocation calculated for those flow/temperature regimes identified as Condition C in Table 3-m. No percentage adjustment shall be made for conditions identified as Condition A in Table 3-m.

(g) The allocation for each nonpublicly-owned point source located between milepoints 258.19 and 249.0 with best practicable waste treatment effluent limits equal to or exceeding 500 pounds of BOD_5 per day shall be a reduction in its discharge to levels appearing in Table 4-m.

(h) The allocation for each nonpublicly-owned point source located between milepoints 248.9 and 235.4 with best practicable waste treatment effluent limits equal to or exceeding 500 pounds of BOD_5 per day shall be a reduction in its discharges to levels appearing in Table 5-m. For purposes of determining compliance with water quality related effluent limits, the following conditions shall be met:

1. The sum of the actual daily discharges for any 5-consecutive-day period may not exceed the sum of the daily point source allocation values calculated under Table 5-m for the same 5-consecutive-day period.

2. For any one day period, the actual discharge for the point source may not exceed 131.8% of the allocation for that day calculated for those flow/temperature regimes identified as Condition C in Table 5-m. No percentage adjustment shall be made for conditions identified as Condition A or B in Table 5-m.

(i) The allocation for each publicly-owned point source located between milepoints 341.4 and 305.9 shall be its baseline load as determined under sub. (1) (f).

(j) The allocation for each nonpublicly-owned point source located between milepoints 341.4 and 313.2 with best practicable waste treatment limits equal to or exceeding 550 pounds of BOD per day shall be a reduction in its discharge to levels appearing in Table 6-m. For purposes of determining compliance with water quality related effluent limits, the following conditions shall be met: 64

1. The sum of the actual daily discharges for any 5-consecutive-day period may not exceed the sum of the daily point source allocation values calculated under Table 6-m for the same 5-consecutive-day period.

2. For any one day period, the actual discharge for the point source may not exceed 106.5% of the allocation for that day calculated for those flow/temperature regimes identified as Condition B in Table 6-m. No percentage adjustments shall be made for conditions indentified as Condition A in Table 6-m.

(k) The allocation for each nonpublicly-owned point source located between milepoints 313.19 and 305.9 with best practicable waste treatment limits equal to or exceeding 550 pounds of BOD_5 per day shall be a reduction in its discharge to levels appearing in Table 7-m. For purposes of determining compliance with water quality related effluent limits, the following conditions shall be met:

1. The sum of the actual daily 'discharges for any 5-consecutive-day period may not exceed the sum of the daily point source allocation values calculated under Table 7-m for the same 5-consecutive-day period.

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	6211 01 more												1
	5823. 6210		Refer		15152	15152	1212C	1212C	RES	REE	2012E	1212C	1212C
	3 135- 5829			N SS	2012	20121	15151	2012I	1515C	18152	2012	15122	15132
	5017 - 5131		1001	2022	E E	15152	15125	1512C	12125	1215C	NDS	18132	12122
	1639. 3046		15631	15152	12122	15152	JEIN	1×155	2012C	1×152	15152	1×152	1×152
	-151	OCTORER 0	13973	17636	15152	15152	15152	IND:	15132	18152	15152	15152	12122
	3583- 1270		12226	02620	15152	1×152	18132	15152	1915C	20121	18152	18152	18152
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	3191 3191		6008	11900	1.5663	18152	15152	INI52	1×152	1×152	1N152	1N152	15152
TABLE 7-m (cont'd) LBS PER DM OF BOD (river mile 313.1 to 305.9) fow at Tomahawk Dam (cfs	2719-		1299	9157	1:33.05	17395	IN 52	1×152	18132	12152	18152	18152	18152
	1212		3235	123	10579	11683	15152	18152	1×152	15152	1×152	15152	18152
TM LBS 1 (river Flow at	111		2100	x x 21	えいさい	11516	15677	181512	1×152	1×152	1×152	1×152	18152
	-555 1915		2100	2851	1913	×193	11912	16321	1×152	15152	1×152	18152	IN152
	1361. 1351		2100	-7100 -7100	3242	6063	9000	12993	12851	1×152	1N152	15152	18152
	1167. 1360		2400	2100	3235	55×5	1951	10661	150×0	1×152	15152	15152	1×152
	-1226 -119911		2100	2100	2556	1315	6362	×7:3:3	12151	17239	1×152	18152	1×152
	-528- 972		2100	2100	2100				L.,	13601	18152	IN152 .	1×152
	585 175		2400	2100	2100	2157	3806	5139	1991	10109	14626	1×152	IN152
	58.1 of Iess		2400	2100	2100	2100	2712	4178	5311	7311	10:352	2911	18152
	Filow Temp		 		20-13	69-69	62-65	58-61	54-57	50-53	46-19	12-15	11 or less

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2. For any one day period, the actual discharge for the point source may not exceed 106.5% of the allocation for that day calculated for those flow/temperture regimes identified as Condition B in Table 7-m. No percentage adjustments shall be made for conditions identified as Condition A in Table 7-m.

(3) The flow and temperature conditions used to determine compliance with permit effluent limits shall be the representative measurements of the flow and temperature of the previous day.

History: Cr. Register, September, 1981, No. 309, eff. 10-1-81.

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