

- Where: BPT = The final best practicable waste treatment effluent limitations for the point source as provided in chs. NR 284 and 285, or 217, where applicable expressed in pounds of BOD₅ per ton of production.
- Production = The maximum weekly off-machine production during 1973 expressed as tons per day.
- 0.85 = Adjustment factor to approximate daily average off-machine production.

(c) Nonpublicly-owned point sources between milepoints 7.2 and 0.0. The baseline load expressed in pounds per day for each nonpublicly-owned point source shall be calculated as follows:

$$\text{Baseline Load} = (\text{BPT}) (\text{Production})$$

Where: BPT = The final best practicable waste treatment effluent limitations for the point source as provided in chs. NR 284 and 285 or 217, where applicable, expressed in pounds of BOD₅ per ton of production.

Production = 1977 average daily off-machine production.

(d) Mini-cluster adjustment. The baseline load for nonpublicly-owned point sources between milepoints 0.8 and 0.5, and 0.4 and 0.0 shall be adjusted by subtracting 10% of the contractual maximum daily BOD₅ discharged to the publicly-owned point source located between milepoint 1.0 and 0.0. The 10% contractual maximum figure for both non-publicly-owned point sources shall be added to the baseline load for the publicly-owned point source located between milepoints 1.0 and 0.0.

(3) (a) Determine the reserve capacity adjustment. The reserve capacity for each publicly-owned point source located between milepoints 40.0 and 19.2 shall be calculated as follows:

$$\text{Reserve Capacity} = (P) (124) (8.34) (60)$$

Where: P = Projected population change for the area between the years 1977 and 2000 expressed in millions of persons.

124 = Projected per-capita waste water flow expressed in gallons per day.

8.34 = Conversion factor (lbs./gal.).

60 = Concentration of BOD₅ expressed in milligrams per liter.

(b) The reserve capacity for each publicly-owned point source located between milepoints 7.0 and 6.0 shall be calculated as follows:

$$\text{Reserve Capacity} = (P) (110) (8.34) (60)$$

Where: P = Projected population change for the area between the years 1979 and 2000 expressed in millions of people.

110 = Projected per-capita wastewater flow expressed in gallons per day.

8.34 = Conversion factor (lbs./gal.).

60 = Concentration of BOD₅ expressed in milligrams per liter.

(c) The reserve capacity for each publicly-owned point source located between milepoints 1.0 and 0.0 shall be calculated as follows:

$$\text{Reserve Capacity} = (P) (110) (8.34) (60)$$

Where: P = Projected population change for the area between the years 1979 and 2000 expressed in millions of people.

110 = Projected per-capita wastewater flow expressed in gallons per day.

8.34 = Conversion factor (lbs./gal.).

60 = Concentration of BOD₅ expressed in milligrams per liter.

(4) Determine the adjustments to the baseline loads.

(a) The adjusted baseline load for each publicly-owned point source shall be equal to the baseline load for the source calculated in sub. (2) (a) and (am) plus the reserve capacity for the same source calculated in sub. (3).

(b) The adjusted baseline load for each nonpublicly-owned point source shall be calculated as follows:

$$\text{Adjusted Baseline Load} = (BL) - \frac{(BL)}{\text{Total BL}} \times (\text{Total Reserve Capacity})$$

Where: BL = The baseline load for the nonpublicly-owned point source as determined using the procedures in sub. (2) (b) and (c)

Total BL = The sum of all the baseline loads for nonpublicly-owned point sources calculated in sub. (2) (b) and (c) within the applicable stream segment defined in sub. (1).

Total Reserve Capacity = The sum of all the reserve capacities for publicly-owned point sources calculated in sub. (3) within the applicable stream segment defined in sub. (1).

(c) The adjusted baseline load for publicly-owned and nonpublicly-owned point sources from milepoints 32.4 through 19.2 shall include an incremental addition as follows:

Milepoint	BOD ₅ Increment (lb/day)
32.4 - 30.0	591
30.0 - 28.0	1619
28.0 - 26.0	3085
26.0 - 23.0	1710
23.0 - 22.7	565
22.7 - 22.5	2629

(5) Determine the allocation for each point source. The allocation for each point source shall be calculated as follows:

$$\text{Point Source Allocation} = \frac{\text{(Adjusted Baseline Load)} (T)}{C + D}$$

Where: Adjusted

Baseline Load = The adjusted baseline load for the point source calculated in sub. (4)

T = The applicable total maximum daily BOD₅ load available for allocation as shown in sub. (1)

C = The sum of all the adjusted baseline loads within the applicable 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 7-consecutive-day-period may not exceed the sum of the daily point source allocation values calculated under sub. (5) for the same 7-consecutive-day-period; and

(am) For a point source discharging into the lower Fox river from milepoints 7.2 through 0.0, the sum of the actual daily discharges for any 7-consecutive-day-period may not exceed the sum of the daily point source allocation values calculated under sub. (5) for the same 7-consecutive-day-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 138% 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 120.0% of the allocation for that day as calculated under sub. (5).

3. For a point source discharging into the lower Fox river between milepoints 7.2 and 0.0, the actual discharge may not exceed 134% 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.

(8) REALLOCATION OF AVAILABLE WASTELOAD ALLOCATIONS. (a) Wasteload allocations may be reallocated under par. (c) when a wasteload allocated permit expires, is revoked or surrendered for the following purposes:

1. Provide for the wasteload needed due to the reactivation of a facility that had closed and made the wasteload available.

2. Provide the wasteload for new production increases by existing dischargers.

3. Provide the wasteload for production by a new discharger.

4. Provide for existing dischargers to raise their existing allocations in the appropriate stream segment towards categorical effluent limitation levels based upon a demonstration of need that the dischargers' treatment facility is incapable of meeting applicable wasteload allocations.

(b) Reallocations shall include an explicit reserve capacity for future new dischargers or future production increases by existing dischargers.

(c) The following procedures shall be used to reallocate available wasteloads:

1. Upon notification by the department of an available wasteload allocation pursuant to par. (a), the designated management agency shall publish a notice of wasteload availability.

2. A 6 month period shall be provided for persons to declare interest in available wasteload allocations.

3. Within 60 days of the end of the 6 month period the designated management agency shall conduct a public meeting regarding the proposed reallocation.

4. The designated management agency shall recommend a reallocation proposal to the department including an explicit reserve capacity.

5. The department shall notify the designated management agency of acceptance or rejection of the recommendation within 6 months.

History: Cr. Register, September, 1981, No. 309, eff. 10-1-81; cr. (8), Register, August, 1985, No. 356, eff. 9-1-85; am. (2) (a) and (b), (3), (5) and (6) (b) 1. and 2., cr. (4) (c), r. and recr. (8), Register, May, 1986, No. 365, eff. 6-1-86; cr. (1) (c), (2) (am), (c) and (d), (3) (b) and Register, March, 1987, No. 375

(c), (6) (am) and (b) 3., am. (4) (a) and (b), renun. (3) to be (3) (a), Register, March, 1987, No. 375, eff. 4-1-87.

NR 212.60 Determination of upper Wisconsin river water quality related effluent limitations. Effluent limitations for point sources discharging BOD₅ 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.

(1) 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:

$$\text{Baseline Load} = (Q) (8.34) (60) (C)$$

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 (lbs./gal.).

60 = Concentration of BOD₅ expressed in milligrams per liter.

C = Reallocation conversion factor which has a value of 1.0 for the publicly-owned point source located between milepoints 205.3 and 199.4 and a value of 1.18 for the publicly-owned point sources located between milepoints 199.3 and 171.9.

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

$$\text{Baseline Load} = (\text{BPT}) (\text{Production})$$

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 during 1978 expressed as tons per day.

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

$$\text{Baseline Load} = (Q) (8.34) (C)$$

Where Q = 0.55 million gallons per day for publicly-owned point sources located between milepoints 240.0 and 250.0

4.0 million gallons per day for publicly-owned point sources located between milepoints 250.0 and 260.0.

8.2 million gallons per day for publicly-owned point sources located between milepoints 260.0 and 265.0.

0.1 million gallons per day for publicly-owned point sources located between milepoints 265.0 and 271.1.

Where 8.34 = Conversion factor (lbs./gal.).

Where C = 45 milligrams per liter concentrations of BOD₅ for publicly-owned point sources located between milepoints 240.0 and 250.0, 250.0 and 260.0, and 265.0 and 271.1

60 milligrams per liter concentration of BOD₅ for publicly-owned point sources located between milepoints 260.0 and 265.0.

(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 240.0 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, or 217, where applicable expressed as pounds of BOD₅ per ton of production.

Production = The maximum weekly off-machine production during 1981 expressed as tons per day.

(e) The baseline load for each nonpublicly-owned point source with best practicable waste treatment effluent limitations of BOD₅ equal to or exceeding 500 pounds per day located between milepoints 271.1 and 240.0 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, or 217, where applicable expressed as pounds of BOD₅ per ton of production.

b. For any one day period, the actual discharge for the point source may not exceed 108.5% of the allocation for that day calculated for those flow temperature regimes identified as Condition A in Table 8-m or 101.8% of the allocation for that day calculated for those flow/temperature regimes identified as Condition B in Table 8-m or 113.0% of the allocation calculated for those flow/temperature regime identified as Condition C in Table 8-m.

4. The allocation for publicly-owned point sources located between milepoints 265.0 and 271.1 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 240.0 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 BOD₅ 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.

2. For any one day period, the actual discharge for the point source may not exceed 101.8% of the allocation for that day calculated for those flow/temperature regimes identified as Condition B in Table 2-m or 113.0% 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 BOD₅ 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 108.5% of the allocation for that day calculated for those flow/temperature regimes identified as Condition A in Table 3-m or 101.8% of the allocation calculated for those flow/temperature regimes identified as Condition B in Table 3-m or 113.0% of the allocation calculated for those flow/temperature regimes identified as Condition C 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 BOD₅ per day shall be a reduction in its discharge to levels appearing in Table 4-m. For pur-

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

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

2. For any one day period, the actual discharge for the point source may not exceed 108.5% of the allocation for that day for those flow/temperature regimes identified as Condition A in Table 4-m or 101.8% of the allocation calculated for those flow/temperature regimes identified as Condition B in Table 4-m or 113.0% of the allocation calculated for those flow/temperature regimes identified as Condition C in Table 4-m.

(h) The allocation for each nonpublicly-owned point source located between milepoints 248.9 and 240.0 with best practicable waste treatment effluent limits equal to or exceeding 500 pounds of BOD₅ 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 113.4% of the allocation for that day calculated for those flow/temperature regimes identified as Condition A in Table 5-m or 110.2% of the allocation for that day calculated for those flow/temperature regimes identified as Condition B in Table 5-m or 113.0% of the allocation for that day calculated for those flow/temperature regimes identified as Condition C 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 BOD₅ 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:

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 identified 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 BOD₅ 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.

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 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.

(4) REALLOCATION OF AVAILABLE WASTELOAD ALLOCATIONS. (a) Wasteload allocations may be reallocated under par. (c) when a previously issued wasteload allocated permit expires, is revoked or is voluntarily surrendered. Such reallocation may be accomplished for the following purposes:

1. Provide for the wasteload needed due to the reactivation of a facility that had previously closed and caused the wasteload to become available.

2. Provide for new production increases by existing dischargers.

3. Provide for production by a new discharger.

4. Provide for existing dischargers to raise their existing allocation in the appropriate stream segment towards categorical effluent limitation levels based upon a demonstration of need that the discharger's treatment facility is incapable of meeting applicable wasteload allocations.

(b) Any reallocation shall include explicit reserve capacity for future new dischargers or future production increase by existing dischargers.

TABLE 1-a
 LBS PER DAY OF BOD₅
 (river mile 40.0 to 32.4)

FLOW (CFS) OR TEMP °F	Flow at Rapide Croche Dam (cfs) (Previous four day average)														
	750 OR LESS	751 TO 1000	1001 TO 1250	1251 TO 1500	1501 TO 1750	1751 TO 2000	2001 TO 2250	2251 TO 2500	2501 TO 2750	2751 TO 3000	3001 TO 3500	3501 TO 4000	4001 TO 5000	5001 TO 8000	8001 OR MORE
(Previous Day Average)	MAY - JUNE														
86.0 or Greater	12100	12790	13780	14640	15460	16290	17250	18340	19700	21250	23530	24970	27220	39570	47520
82.0 TO 85.0	12980	13810	14920	15920	16940	18080	19400	20920	22640	23200	24350	25530	30150	43000	52580
78.0 TO 81.0	14380	15350	16600	17840	19260	20910	22210	22590	23340	24250	25050	27250	35380	49270	52870
74.0 TO 77.0	15770	16830	18250	19870	21830	22170	22610	23800	24280	24870	26030	31430	39800	52870	52870
70.0 TO 73.0	17130	18270	20050	21940	22020	22460	23710	24180	24880	25730	28790	36160	44190	52870	52870
66.0 TO 69.0	18520	19840	22010	21940	22280	23580	24130	24850	25870	28070	33110	41340	49570	52870	52870
62.0 TO 65.0	20210	22030	21840	22060	23430	24070	24960	26120	29330	33050	40410	46740	52870	52870	52870
58.0 TO 61.0	22310	21780	21820	23270	24050	25240	27350	31390	35860	41830	46940	52870	52870	52870	52870
54.0 TO 57.0	21600	21510	23070	24130	25780	29890	34900	42040	46150	50410	52870	52870	52870	52870	52870
50.0 TO 53.0	21270	22060	24240	26960	33290	39800	47480	52690	52870	52870	52870	52870	52870	52870	52870
46.0 TO 49.0	22110	24290	29350	37710	48610	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870
42.0 TO 45.0	25220	31510	42930	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870
41.0 or Less	36890	48250	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870
	JULY														
86.0 or Greater	11900	11900	11900	11900	11900	11900	13510	15550	18070	20820	22430	22640	23690	27000	34740
82.0 TO 85.0	11900	11900	11900	11900	12340	14340	16600	19080	22050	22520	22690	23460	24500	31450	40630
78.0 TO 81.0	11900	11900	11900	13650	15960	18560	21470	22820	23080	23130	23730	24600	26210	39430	50540
74.0 TO 77.0	11900	12300	14350	16860	19820	21720	23050	23390	23460	24040	24760	26040	31350	48000	52870
70.0 TO 73.0	12960	14490	17200	20430	21670	22050	23350	23850	24480	25060	26080	30170	37300	52870	52870
66.0 TO 69.0	14950	16960	20410	21690	22000	23340	23890	24620	25610	26410	30100	35570	44020	52870	52870
62.0 TO 65.0	17400	20100	21670	21850	23290	23950	24380	26090	28540	31400	35760	42330	52260	52870	52870
61.0 or Less	20740	21630	21670	23210	24050	25320	27800	31120	34570	38040	43500	51580	52870	52870	52870

TABLE 1-a (continued)
 LBS PER DAY OF BOD₅
 (river mile 40.0 to 32.4)

FLOW (CFS) OR TEMP °F	Flow at Rapide Croche Dam (cfs) (Previous four day average)														
	750 OR LESS	751 TO 1000	1001 TO 1250	1251 TO 1500	1501 TO 1750	1751 TO 2000	2001 TO 2250	2251 TO 2500	2501 TO 2750	2751 TO 3000	3001 TO 3500	3501 TO 4000	4001 TO 5000	5001 TO 8000	8001 OR MORE
(Previous Day Average)	AUGUST														
86.0 or Greater	11900	11900	11900	11900	11900	11900	11900	11980	13820	15930	19320	22650	23370	25770	30630
82.0 TO 85.0	11900	11900	11900	11900	11900	11900	13450	15250	17540	20120	22710	23280	24200	28680	36100
78.0 TO 81.0	11900	11900	11900	12080	13760	15700	17940	20400	21700	22740	23540	24310	25630	35700	45680
74.0 TO 77.0	11900	11900	13120	15010	17290	19880	21340	21810	22940	23360	24430	25500	28990	43650	52870
70.0 TO 73.0	12450	13640	15730	18270	21100	21360	22650	23000	23540	24290	25500	27920	34160	52250	52870
66.0 TO 69.0	14350	15930	18680	21190	21360	22670	23110	23710	24620	25690	27870	32850	40540	52870	52870
62.0 TO 65.0	16620	18920	21230	21280	22640	23180	23970	25030	26430	29140	33120	39170	48590	52870	52870
61.0 or Less	19730	21310	21150	22550	23250	24360	25840	29010	32170	35400	40430	48140	52870	52870	52870
	SEPTEMBER														
86.0 or Greater	11900	11900	11900	11900	11900	11900	11900	11900	11900	12700	15400	19440	23550	25820	30900
82.0 TO 85.0	11900	11900	11900	11900	11900	11900	11900	12890	14660	16730	20220	22880	24220	28550	36130
78.0 TO 81.0	11900	11900	11900	11900	12510	13890	15600	17610	20220	22030	22610	23940	25430	35030	45680
74.0 TO 77.0	11900	11900	12590	13870	15590	17690	20200	21880	22160	22570	23480	25160	27910	42840	52870
70.0 TO 73.0	12590	13290	14730	16690	19200	20710	21880	22150	22680	23400	24760	26450	32620	51470	52870
66.0 TO 69.0	14100	15180	17320	20120	20730	21900	22260	22810	23680	24740	26320	31140	38800	52870	52870
62.0 TO 65.0	15980	17700	20760	20670	21860	22300	23030	24020	25410	27180	31160	37270	47030	52870	52870
58.0 TO 61.0	18670	20870	20550	21750	22320	23340	24740	26600	30050	33250	38290	46210	52870	52870	52870
54.0 TO 57.0	20760	20370	21550	22370	23820	25880	30150	33950	38050	42320	49160	52870	52870	52870	52870
50.0 TO 53.0	20120	21280	22400	24580	28870	34630	39610	44830	50650	52870	52870	52870	52870	52870	52870
46.0 TO 49.0	21130	22330	25570	33280	40820	47690	52870	52870	52870	52870	52870	52870	52870	52870	52870
42.0 TO 45.0	22950	26610	36240	49250	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870
41.0 or Less	31510	43060	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870

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TABLE I-a (continued)
LBS PER DAY OF BOD₅
(river mile 40.0 to 32.4)

		Flow at Rapide Croche Dam (cfs) (Previous four day average)													
- FLOW (CFS)	750	751	1001	1251	1501	1751	2001	2251	2501	2751	3001	3501	4001	5001	8001
OR	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	OR
TEMP °F	LESS	1000	1250	1500	1750	2000	2250	2500	2750	3000	3500	4000	5000	8000	MORE
(Previous Day Average)		OCTOBER													
66.0 or Greater	12890	13610	15330	17810	20920	21000	21280	21780	22650	23730	25830	30120	38610	52870	52870
62.0 TO 65.0	14390	15790	18640	20930	20970	21300	21960	22910	24320	25990	29770	36340	46710	52870	52870
58.0 TO 61.0	16720	19200	20850	20840	21260	22190	23530	25280	28320	31640	36940	45280	52870	52870	52870
54.0 TO 57.0	20190	19610	20580	21210	22530	24490	27630	32020	36260	40660	47790	52870	52870	52870	52870
50.0 TO 53.0	19270	20220	21090	23080	26050	32320	37430	42800	48740	52870	52870	52870	52870	52870	52870
46.0 TO 49.0	19900	20830	23770	29750	38090	45100	52650	52870	52870	52870	52870	52870	52870	52870	52870
42.0 TO 45.0	21110	24340	34110	45940	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870
41.0 or Less	26620	38050	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870	52870

TABLE 1-b
LBS PER DAY OF BOD₅
(river mile 32.4 to 19.2)

Flow at Rapide Croche Dam (cfs) (Previous four day average)

FLOW (CFS) OR TEMP °F	750 OR LESS	751 TO 1000	1001 TO 1250	1251 TO 1500	1501 TO 1750	1751 TO 2000	2001 TO 2250	2251 TO 2500	2501 TO 2750	2751 TO 3000	3001 TO 3500	3501 TO 4000	4001 TO 5000	5001 TO 8000	8001 OR MORE
(Previous Day Average)	MAY - JUNE														
86.0 or Greater	19530	20420	22080	24040	26140	28260	30320	32250	34310	36350	39600	44250	51010	63910	73520
82.0 TO 85.0	19420	20430	22210	24390	26660	28890	31030	33000	35220	38020	41600	46650	53800	68020	79650
78.0 TO 81.0	19150	20410	22530	25040	27560	29970	32480	35440	38760	41280	44870	51070	59210	75180	91320
74.0 TO 77.0	18870	20380	22960	25780	28460	31830	35330	38750	41510	44240	48790	55300	63740	84040	100580
70.0 TO 73.0	18660	20460	23470	26610	30480	34470	38310	41220	44390	47680	52700	60590	68590	95110	100580
66.0 TO 69.0	18630	20900	24270	28610	33110	37570	40930	44350	48270	51980	57640	65690	75390	100580	100580
62.0 TO 65.0	19050	21620	26390	31540	36770	40720	44820	49180	53430	57720	64970	72530	85540	100580	100580
58.0 TO 61.0	19930	23850	29850	36110	40930	46030	51270	55990	61520	67050	73540	84150	100580	100580	100580
54.0 TO 57.0	22540	27670	35440	41500	48070	54250	60610	67770	73110	79020	86990	100580	100580	100580	100580
50.0 TO 53.0	27120	34180	42260	50880	58700	67790	75380	83010	91490	100580	100580	100580	100580	100580	100580
46.0 TO 49.0	35180	42700	53730	65030	77230	87490	98940	100580	100580	100580	100580	100580	100580	100580	100580
42.0 TO 45.0	46260	56540	72970	90120	100580	100580	100580	100580	100580	100580	100580	100580	100580	100580	100580
41.0 or Less	63960	81400	100580	100580	100580	100580	100580	100580	100580	100580	100580	100580	100580	100580	100580
	JULY														
86.0 or Greater	19410	20220	22000	23990	25710	26170	26930	28180	29240	29780	31330	34160	38470	50830	59440
82.0 TO 85.0	19570	20540	22190	24300	26280	27480	28340	29090	29860	31520	33910	36900	42800	55660	66240
78.0 TO 81.0	19430	20700	22610	24790	26830	28610	30110	31750	33760	35510	38010	43030	49440	64460	79010
74.0 TO 77.0	19460	20690	22950	25250	27350	29900	33050	35410	37540	39570	43590	48790	55230	74500	93610
70.0 TO 73.0	19270	20860	23210	25670	28940	32850	36710	39140	41770	44770	48930	54010	61490	86460	100580
66.0 TO 69.0	19230	21110	23690	27390	31930	36490	39940	43480	46990	50190	50910	59720	69870	100580	100580
62.0 TO 65.0	19500	21570	25470	30620	36130	40270	44530	49080	52330	55260	60080	67690	80270	100580	100580
61.0 or Less	20140	23290	29180	35830	40920	46310	51590	55020	58840	62930	69640	80040	97410	100580	100580

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TABLE 1-b (continued)
 LBS PER DAY OF BOD₅
 (river mile 32.4 to 19.2)

FLOW (CFS) OR TEMP °F	Flow at Rapids Croche Dam (cfs) (Previous four day average)														
	750 OR LESS	751 TO 1000	1001 TO 1250	1251 TO 1500	1501 TO 1750	1751 TO 2000	2001 TO 2250	2251 TO 2500	2501 TO 2750	2751 TO 3000	3001 TO 3500	3501 TO 4000	4001 TO 5000	5001 TO 8000	8001 OR MORE
(Previous Day Average)	AUGUST														
86.0 or Greater	17100	17820	19550	21660	23750	25630	27250	28660	29950	31130	32730	34200	37550	47950	54910
82.0 TO 85.0	17100	17980	19830	22050	24160	26080	27770	29210	30630	31780	34020	36110	41620	52690	61150
78.0 TO 81.0	17100	18250	20290	22640	24880	26880	28660	30250	32660	35080	37160	41870	47280	60390	73230
74.0 TO 77.0	17100	18430	20740	23240	25590	27710	30360	33520	36040	38390	42230	46740	52860	69620	86960
70.0 TO 73.0	17100	18620	21190	23820	26350	30100	33650	36450	39290	42320	46710	51760	58250	81040	100580
66.0 TO 69.0	17110	19080	21860	24970	29300	33490	36810	40050	43740	47670	51710	56920	65590	94940	100580
62.0 TO 65.0	17560	19750	23220	28190	33180	37130	41120	45370	50290	52990	57310	64230	76010	100580	100580
61.0 or Less	18330	21220	26890	32890	37770	42880	48300	52880	56320	60040	66160	75970	92360	100580	100580
	SEPTEMBER														
86.0 or greater	17100	17100	17100	18950	21230	23430	25440	27290	29040	30650	32770	34940	38300	48160	55220
82.0 TO 85.0	17100	17100	17100	19430	21810	24010	25990	27810	29670	31340	32690	36020	41730	52560	61180
78.0 TO 81.0	17100	17100	17620	20220	22700	25020	27140	29050	30780	32160	35280	40840	46540	59660	73230
74.0 TO 77.0	17100	17100	18250	20960	23540	25940	28140	30320	32850	35340	39370	45460	51770	68700	86890
70.0 TO 73.0	17100	17100	18850	21690	24340	27510	30270	33010	36010	39020	44260	50300	56670	80100	100580
66.0 TO 69.0	17100	17100	19690	22660	26690	30070	33330	36690	40350	44350	49880	55150	63700	94030	100580
62.0 TO 65.0	17100	17520	20730	25590	29710	33590	37660	41850	46350	51040	55250	62160	74200	100580	100580
58.0 TO 61.0	17100	18710	24240	29320	34110	39220	44600	50480	54100	57710	63740	73690	90340	100580	100580
54.0 TO 57.0	17710	22400	28760	34820	41390	48550	54250	58710	63740	69330	78450	92890	100580	100580	100580
50.0 TO 53.0	22010	27710	35520	44320	53280	59620	66000	73280	81330	90010	100580	100580	100580	100580	100580
46.0 TO 49.0	28330	35720	47640	59240	67770	77480	88370	100450	100580	100580	100580	100580	100580	100580	100580
42.0 TO 45.0	38730	50510	66520	79740	94890	100580	100580	100580	100580	100580	100580	100580	100580	100580	100580
41.0 or less	56940	73990	96270	100580	100580	100580	100580	100580	100580	100580	100580	100580	100580	100580	100580

TABLE 1-b (continued)
LBS PER DAY OF BOD₅
(river mile 32.4 to 19.2)

Flow at Rapide Croche Dam (cfs) (Previous four day average)															
FLOW (CFS)	750 OR LESS	751 TO 1000	1001 TO 1250	1251 TO 1500	1501 TO 1750	1751 TO 2000	2001 TO 2250	2251 TO 2500	2501 TO 2750	2751 TO 3000	3001 TO 3500	3501 TO 4000	4001 TO 5000	5001 TO 8000	8001 TO MORE
(Previous Day Average)	OCTOBER														
66.0 or Greater	17100	17100	17350	20360	23070	26070	29840	32820	36620	40820	48090	54100	63500	96160	100580
62.0 TO 65.0	17100	17100	18280	22130	25690	29540	33740	37970	43200	48860	53790	61140	73830	100580	100580
58.0 TO 61.0	17100	17100	20910	25210	29930	35110	40550	46650	52270	55950	62210	72590	90220	100580	100580
54.0 TO 57.0	17100	18930	24460	30400	37000	44160	51740	56540	61660	67340	76760	91840	100580	100580	100580
50.0 TO 53.0	18180	23110	30750	39480	49160	56990	63400	70680	78880	87730	100580	100580	100580	100580	100580
46.0 TO 49.0	23260	30400	42140	54620	64450	74170	85110	97250	100580	100580	100580	100580	100580	100580	100580
42.0 TO 45.0	32620	44150	60850	75480	90500	100580	100580	100580	100580	100580	100580	100580	100580	100580	100580
41.0 or Less	50540	66850	90710	100580	100580	100580	100580	100580	100580	100580	100580	100580	100580	100580	100580

TABLE 1-c
LBS PER DAY OF BOD₅
(river mile 7.3 to 0.0)

Flow at Rapids Croche Dam (cfs) (Previous four day average)

- FLOW (CFS) OR TEMP °F	750 OR LESS	751 TO 1000	1001 TO 1250	1251 TO 1500	1501 TO 1750	1751 TO 2000	2001 TO 2250	2251 TO 2500	2501 TO 2750	2751 TO 3000	3001 TO 3500	3501 TO 4000	4001 TO 5000	5001 TO 8000	8001 OR MORE
(Previous Day Average)	MAY - JUNE														
86.0 or Greater	31540	31540	31540	31540	31540	31540	31540	31540	41900	54980	78760	118060	150180	150180	150180
82.0 TO 85.0	31540	31540	31540	31540	31540	31540	31540	35790	46320	58940	81720	119160	150180	150180	150180
78.0 TO 81.0	31540	31540	31540	31540	31540	31540	35150	42770	54250	66570	88440	123810	150180	150180	150180
74.0 TO 77.0	31540	31540	31540	31540	31540	31540	35950	43690	53060	64050	76620	98420	132340	150180	150180
70.0 TO 73.0	31540	31540	31540	31540	36760	44640	53930	64620	76670	90070	112640	147230	150180	150180	150180
66.0 TO 69.0	31540	31540	31540	36140	45190	55430	66840	79400	98080	107860	132040	150180	150180	150180	150180
62.0 TO 65.0	31540	31540	32650	43900	56120	69290	83370	98360	114230	130950	150180	150180	150180	150180	150180
58.0 TO 61.0	31540	31540	39330	54560	70510	87160	104480	122470	141080	150180	150180	150180	150180	150180	150180
54.0 TO 57.0	31540	31540	49310	69070	89310	110010	131130	150180	150180	150180	150180	150180	150180	150180	150180
50.0 TO 53.0	31540	38960	63550	88400	113490	138780	150180	150180	150180	150180	150180	150180	150180	150180	150180
46.0 TO 49.0	31540	52490	82990	113500	143990	150180	150180	150180	150180	150180	150180	150180	150180	150180	150180
42.0 TO 45.0	45630	71630	108600	145320	150180	150180	150180	150180	150180	150180	150180	150180	150180	150180	150180
41.0 or Less	66280	97340	141330	150180	150180	150180	150180	150180	150180	150180	150180	150180	150180	150180	150180
	JULY - AUGUST														
86.0 or Greater	58590	54240	49330	46070	44240	43820	44760	47000	50460	55100	64090	79580	109280	150180	150180
82.0 TO 85.0	55410	51740	47350	45480	44570	45060	46830	49980	54290	59740	69930	86930	118750	150180	150180
78.0 TO 81.0	51120	48610	46340	45570	46220	48230	51550	56110	61840	68690	80910	100500	135960	150180	150180
74.0 TO 77.0	47830	46550	46010	46920	49240	52880	57790	63910	71170	79510	93910	116300	150180	150180	150180
70.0 TO 73.0	45530	45550	46840	49550	53620	58990	65600	73350	82270	92210	108940	134320	150180	150180	150180
66.0 TO 69.0	44230	45620	48330	53440	59380	66580	74980	84520	95140	106780	125990	150180	150180	150180	150180
62.0 TO 65.0	43930	46760	52000	58600	66500	75630	85930	97340	109790	123220	145070	150180	150180	150180	150180
61.0 or Less	44620	48960	56330	65030	74990	86150	96450	111820	126200	141530	150180	150180	150180	150180	150180

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TABLE 1-c (continued)
LBS PER DAY OF BOD₅
(river mile 7.3 to 8.0)

FLOW (CFS)	Flow at Rapide Croche Dam (cfs) (Previous four day average)														
	750 OR LESS	751 TO 1000	1001 TO 1250	1251 TO 1500	1501 TO 1750	1751 TO 2000	2001 TO 2250	2251 TO 2500	2501 TO 2750	2751 TO 3000	3001 TO 3500	3501 TO 4000	4001 TO 5000	5001 TO 8000	8001 OR MORE
(Previous Day Average)	SEPTEMBER - OCTOBER														
86.0 or Greater	31540	31540	31540	31540	37360	47590	58650	70440	82890	95910	116340	144800	150180	150180	150180
82.0 TO 85.0	31540	31540	31540	32060	39930	48700	58300	68630	79610	91170	109390	134910	150180	150180	150180
78.0 TO 81.0	31540	31540	31540	36750	43030	50220	58220	66960	76350	86310	102120	124410	150180	150180	150180
74.0 TO 77.0	31540	32000	35580	40220	45840	52350	59690	67750	76450	85730	100510	121410	150180	150180	150180
70.0 TO 73.0	32790	34800	38630	43530	49400	56160	63740	72040	80990	90490	105620	126970	150180	150180	150180
66.0 TO 69.0	33840	36670	41680	47740	54780	62710	71450	80910	91000	101660	118510	142140	150180	150180	150180
62.0 TO 65.0	34360	38660	45760	53920	63040	73050	83870	95400	107570	120300	140240	150180	150180	150180	150180
58.0 TO 61.0	35440	41850	51960	63120	75250	88260	102070	116600	131760	147470	150180	150180	150180	150180	150180
54.0 TO 57.0	38120	47280	61320	76400	92450	109380	127110	145540	150180	150180	150180	150180	150180	150180	150180
50.0 TO 53.0	42480	56030	74910	94840	115730	137490	150180	150180	150180	150180	150180	150180	150180	150180	150180
46.0 TO 49.0	52570	69150	93800	119480	146130	150180	150180	150180	150180	150180	150180	150180	150180	150180	150180
42.0 TO 45.0	66450	87710	119040	150180	150180	150180	150180	150180	150180	150180	150180	150180	150180	150180	150180
41.0 or Less	86190	112770	150180	150180	150180	150180	150180	150180	150180	150180	150180	150180	150180	150180	150180

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TABLE 1-m
LBS PER DAY OF BOD₅
(river mile 205.3 to 171.9)

Temp °F	Flow (cfs) OR LESS	Previous Day Average Flow at Biron Dam (cfs)								
		999 TO 1199	1000 TO 1499	1200 TO 1999	1500 TO 2499	2000 TO 2999	2500 TO 3999	3000 TO 4999	4000 TO 5999	5000 TO 6000 OR MORE
MAY - JUNE										
Previous Day Average										
82 or more	14090	19450	24280	32740	43710	56020	57890	109930	126010	126010
78 TO 81	14270	20150	25460	34860	47570	61490	63040	124130	126010	126010
74 TO 77	14430	20840	26730	37330	51730	67770	69550	126010	126010	126010
70 TO 73	15060	22070	28570	40280	56940	76260	78310	126010	126010	126010
66 TO 69	17220	25400	33030	46930	67170	90740	92900	126010	126010	126010
62 TO 65	20420	30380	39740	57380	83000	113150	116070	126010	126010	126010
58 TO 61	25230	37960	50230	73270	107730	126010	126010	126010	126010	126010
54 TO 57	32780	50170	67460	98190	126010	126010	126010	126010	126010	126010
50 TO 53	44980	70700	96520	126010	126010	126010	126010	126010	126010	126010
46 TO 49	65950	105300	126010	126010	126010	126010	126010	126010	126010	126010
42 TO 45	104080	126010	126010	126010	126010	126010	126010	126010	126010	126010
41 or Less	126010	126010	126010	126010	126010	126010	126010	126010	126010	126010
JULY - AUGUST										
82 or more	10220	12730	15260	20280	27850	36910	37990	77790	106430	121800
78 TO 81	10220	13400	16750	23250	32790	44090	45460	95180	126010	126010
74 TO 77	10220	14460	18710	26700	38440	52210	53520	116110	126010	126010
70 TO 73	10770	15940	20990	30630	44740	61400	63240	126010	126010	126010
66 TO 69	13080	19510	25890	37870	55600	76530	78600	126010	126010	126010
62 TO 65	16210	24690	32910	48560	71670	99270	102140	126010	126010	126010
61 or Less	20900	32370	43510	64910	96410	126010	126010	126010	126010	126010
SEPTEMBER - OCTOBER										
82 or more	10220	10220	10220	11890	17810	24650	25520	54880	76010	87260
78 TO 81	10220	10220	10220	14100	21750	30380	31340	69790	97910	113060
74 TO 77	10220	10220	10880	17140	26390	37320	38460	89310	122210	126010
70 TO 73	10220	10220	13270	20940	32350	45880	47080	110380	126010	126010
66 TO 69	10220	12590	17740	27700	42400	59880	61710	126010	126010	126010
62 TO 65	10220	17080	24020	37280	57030	80460	82480	126010	126010	126010
58 TO 61	14260	23670	33250	51710	79170	111910	115160	126010	126010	126010
54 TO 57	20210	34030	47890	74560	114650	126010	126010	126010	126010	126010
50 TO 53	30240	51240	72530	113710	126010	126010	126010	126010	126010	126010
46 TO 49	47330	80810	114710	126010	126010	126010	126010	126010	126010	126010
42 TO 45	78580	126010	126010	126010	126010	126010	126010	126010	126010	126010
41 or Less	126010	126010	126010	126010	126010	126010	126010	126010	126010	126010

TABLE 2-m
LBS PER DAY OF BOD₅
(river mile 271.1 to 288.5)
Previous Day Average Flow at Rothschild Dam (cfs)

Flow cfs	880 or Less	981- 1220	1221- 1470	1471- 1730	1731- 1990	1991- 2260	2261- 2540	2541- 2830	2831- 3130	3131- 3430	3431- 3780	3781- 4230	4231- 4730	4731- 5250	5251- 5780	5781- 6340	6341- 6910	6911- or more
Previous Day Mean	4773	6406	5804	4945	5383	6185	5632	5264	4957	5031	4994	5411	6246	7376	9033	11145	13065	14769
78 +	5964	6332	5330	5215	4576	5841	5019	5202	5190	5325	5780	6627	8137	10114	12852	14280	16478	18907
74-77	5644	5853	5436	5221	4631	5927	5706	5755	6013	6516	7077	8628	10301	13085	15174	17618	20356	22897
70-73	5252	6578	6516	7113	6639	6344	6455	6737	7302	8247	9438	11477	13566	16009	18723	21731	25056	28056
66-69	7277	6700	7449	6958	7253	7793	7953	8076	9286	10814	13011	14524	17347	20503	24033	28056	28056	28056
62-65	6897	7842	7241	7066	7290	7916	9082	10752	13085	14413	16500	19361	23180	28056	28056	28056	28056	28056
58-61	8235	7548	7363	7793	8649	10580	13063	14885	17296	20000	22959	25056	28056	28056	28056	28056	28056	28056
54-57	7855	7707	8432	9151	13085	15150	18109	21411	25056	28056	28056	28056	28056	28056	28056	28056	28056	28056
50-53	8063	9254	12140	14978	18600	22713	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056
46-49	10187	13750	18182	23389	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056
42-45	15874	22234	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056
41 or Less																		
78 +	5657	7241	6295	5448	5853	6737	6197	5902	5637	5681	5865	6258	7167	8407	10003	12275	13603	15408
74-77	6774	6909	5890	6258	6934	6381	6025	5902	5902	6136	6890	7972	9445	11170	13085	14929	17077	19472
70-73	6086	6233	5976	6774	6835	6418	6283	6369	6688	7268	8051	8451	11783	13556	15761	18170	20871	23843
66-69	5743	6885	6897	7449	7032	6897	7044	7339	7990	8923	10151	12324	14118	16537	19238	22197	25056	28056
62-65	7353	7020	7756	7827	7179	7302	7793	8689	9693	11587	13085	15051	17873	20994	24431	28056	28056	28056
58-61	7130	8088	7609	7449	7744	8493	9696	11489	13085	14953	17028	19864	23671	28056	28056	28056	28056	28056
54-57	8456	7842	7793	8284	9414	11280	13173	15408	17839	20540	23486	28056	28056	28056	28056	28056	28056	28056
50-53	8149	8100	8960	10888	13085	15714	18698	22001	25056	28056	28056	28056	28056	28056	28056	28056	28056	28056
46-49	8456	9831	12850	15579	19225	23851	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056
42-45	10764	13824	18882	24076	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056
41 or Less	16399	23044	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056
78 +	4576	5382	4883	4576	4576	4932	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576
74-77	4969	3753	4976	4576	5333	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576
70-73	4908	5173	5383	5806	5483	4933	4576	4797	4797	5218	6025	7314	9451	12706	14278	16807	19607	22588
66-69	4736	5902	5743	6283	5694	5809	5820	5730	6284	7113	8333	10335	13023	15199	18023	21092	24431	28056
62-65	6457	6430	6725	6148	5865	6013	6393	7106	8260	9782	11533	13775	16660	19864	23450	28056	28056	28056
58-61	8339	7142	6804	6283	6418	7081	8149	9710	12039	15676	18886	22578	28056	28056	28056	28056	28056	28056
54-57	7634	6811	6541	6934	7328	7923	12453	14106	16562	19300	22383	28056	28056	28056	28056	28056	28056	28056
50-53	7142	6872	7523	9156	11906	14327	17323	20630	24297	28056	28056	28056	28056	28056	28056	28056	28056	28056
46-49	7118	8223	10598	14057	17704	21841	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056
42-45	8947	13035	17139	22320	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056
41 or Less	14560	20357	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056	28056

TABLE 2-m (continued)
 LBS PER DAY OF BOD₅
 (river mile 271.1 to 258.5)
 Previous Day Average Flow at Rothschild Dam (cfs)

Temp F	Flow cfs	980 or less	981- 1220	1221- 1470	1471- 1730	1731- 1990	1991- 2260	2261- 2540	2541- 2830	2831- 3130	3131- 3430	3431- 3780	3781- 4230	4231- 4730	4731- 5250	5251- 5780	5781- 6340	6341- 6910	6911 or more
Previous		4576	4628	4576	4687	4576	4699	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576
Day Mean		4576	4628	4576	4687	4576	4699	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576
79+		4576	5383	4576	4576	4594	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576
74-77		4576	4356	4576	4576	4594	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576
70-73		4576	4356	5288	3541	5080	4376	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576	4576
66-69		4576	5730	5485	6050	5448	5117	5252	5313	5782	6578	7707	9610	12729	14708	17458	20503	23879	25056
62-65		6160	7383	6479	5915	5583	5483	5890	6664	7744	9230	11157	13208	16157	19337	22909	25056	25056	25056
58-61		3051	6384	6205	5988	6074	6027	7695	8254	11391	13284	15322	18198	22062	25056	25056	25056	25056	25056
54-57		7449	6814	6223	6590	6735	9156	11884	13576	16120	18833	21782	25056	25056	25056	25056	25056	25056	25056
50-53		6909	6865	7183	8102	11317	13397	16869	20184	23793	23056	25056	25056	25056	25056	25056	25056	25056	25056
46-49		6823	7805	10335	13815	17249	21350	25056	25056	25056	25056	25056	25056	25056	25056	25056	25056	25056	25056
42-45		8505	12717	16648	21792	25056	25056	25056	25056	25056	25056	25056	25056	25056	25056	25056	25056	25056	25056
41 or Less		14057	20405	25056	25056	25056	25056	25056	25056	25056	25056	25056	25056	25056	25056	25056	25056	25056	25056

TABLE 3-a
LBS PER DAY OF BOD₅
(river mile 253.4 to 258.2)
Previous Day Average Flow at Rothschild Dam (cfs)

Temp °F	980 or less	981- 1220	1221- 1470	1471- 1730	1731- 1990	1991- 2260	2261- 2540	2541- 2830	2831- 3130	3131- 3430	3431- 3730	3731- 4230	4231- 4730	4731- 5230	5231- 5730	5731- 6340	6341- 6910 or more
Previous Day Mean	1268	1281	1275	1370	1438	1463	1561	1659	1785	1918	2084	2298	2584	2907	3251	3736	4366
78+	1173	1187	1232	1408	1534	1547	1666	1819	1989	2186	2394	2676	3043	3376	3876	4233	4838
74-77	1115	1173	1302	1421	1493	1632	1802	1999	2084	2469	2760	3081	3376	3900	4478	5155	5913
66-69	1152	1211	1360	1476	1629	1826	2050	2305	2588	2887	3210	3376	4033	4709	5451	6284	7215
62-65	1156	1343	1476	1653	1877	2142	2441	2771	3121	3376	3376	4255	5080	5854	6882	7800	7800
58-61	1302	1479	1690	1959	2278	2645	3043	3376	3876	4345	4984	5687	6695	7300	7300	7300	7300
54-57	1483	1731	2071	2472	2924	3376	3876	4390	5066	5814	6684	7300	7300	7300	7300	7300	7300
50-53	1768	2190	2707	3288	3376	4471	5291	6205	7300	7300	7300	7300	7300	7300	7300	7300	7300
46-49	2305	2975	3376	4424	5427	6566	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300
42-45	3240	4084	5311	6739	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300
41 or Less	4672	6433	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300
78+	1374	1364	1442	1554	1629	1663	1748	1850	1979	2118	2275	2492	2775	3087	3376	4043	4543
74-77	1285	1333	1452	1554	1619	1717	1846	1999	2169	2363	2574	2846	3213	3376	4145	5005	5668
70-73	1234	1315	1459	1554	1653	1799	1972	2173	2390	2685	2897	3244	3376	4033	4638	5308	6078
66-69	1245	1347	1506	1632	1782	1976	2207	2462	2737	3040	3359	3376	4186	4855	5603	6423	7300
62-65	1268	1476	1605	1792	2020	2285	2588	2914	3264	3376	4145	4444	5226	6090	7055	7300	7300
58-61	1331	1505	1819	2098	2421	2785	3186	3376	3805	4417	4991	5777	6831	7300	7300	7300	7300
54-57	1536	1820	2203	2611	3067	3376	3924	4543	5216	5964	6780	7300	7300	7300	7300	7300	7300
50-53	1891	2326	2846	3376	3801	4628	5454	6368	7300	7300	7300	7300	7300	7300	7300	7300	7300
46-49	2441	3121	3376	4590	5600	6742	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300
42-45	3376	4104	5505	6943	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300
41 or Less	4872	6657	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300
78+	1030	1030	1090	1030	1030	1080	1136	1248	1394	1547	1714	1952	2265	2598	2962	3376	4080
74-77	1030	1030	1030	1030	1156	1156	1302	1466	1636	1837	2083	2300	2761	3176	3376	3961	4583
70-73	1030	1030	1030	1030	1129	1296	1496	1697	1931	2196	2485	2826	3236	3376	4230	4930	5755
66-69	1030	1030	1030	1030	1146	1326	1534	1775	2040	2336	2649	3076	3376	4198	5267	6117	7055
62-65	1030	1030	1163	1367	1608	1884	2197	2540	2900	3288	3376	4090	4889	5777	6770	7300	7300
58-61	1030	1170	1411	1700	2040	2414	2826	3264	3376	4063	4848	5450	6523	7300	7300	7300	7300
54-57	1156	1449	1812	2281	2700	3206	3376	4182	4862	5620	6447	7300	7300	7300	7300	7300	7300
50-53	1462	1918	2455	3033	3376	4243	5073	5994	7004	7300	7300	7300	7300	7300	7300	7300	7300
46-49	2003	2700	3376	4169	5178	6824	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300
42-45	2925	3376	5022	6457	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300
41 or Less	4308	6079	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300	7300

TABLE 3-m (continued)
 LBS PER DAY OF FOD,
 (river mile 258.4 to 258.2)

Temp °F	Flow cfs	Previous Day Average Flow at Rothschild Dam (cfs)																
		980 or less	991- 1220	1221- 1470	1471- 1730	1731- 1990	1991- 2260	2261- 2540	2541- 2830	2831- 3130	3131- 3430	3431- 3730	3731- 4230	4231- 4730	4731- 5230	5231- 5730	5731- 6241- 6310 or more	6311- 6811
78 +	1030	1030	1030	1030	1030	1030	1030	1102	1231	1394	1557	1789	2095	2435	2788	3172	3376	3525
74-77	1030	1030	1030	1030	1030	1030	1030	1330	1506	1707	1942	2231	2611	3026	3376	3876	4386	5070
70-73	1030	1030	1030	1030	1030	1163	1357	1568	1802	2050	2319	2690	3159	3776	4070	4757	5525	6372
66-69	1030	1030	1030	1030	1207	1418	1653	1921	2210	2523	2856	3288	3876	4349	5110	5954	6889	7300
62-65	1030	1030	1030	1030	1507	1778	2091	2458	2768	3172	3776	4361	4750	5631	6620	7300	7300	7300
58-61	1030	1030	1030	1030	1800	2112	2470	3155	3576	3941	4519	5314	6386	7300	7300	7300	7300	7300
54-57	1030	1030	1030	1030	2092	2376	2720	3376	3776	4140	4691	5300	6300	7300	7300	7300	7300	7300
50-53	1030	1030	1030	1030	2394	2694	3101	3776	4063	4490	5061	5700	6300	7300	7300	7300	7300	7300
46-49	1030	1030	1030	1030	2694	2994	3401	4063	4350	4863	5463	6000	6300	7300	7300	7300	7300	7300
42-45	1030	1030	1030	1030	2994	3294	3700	4350	4637	5163	5763	6300	6300	7300	7300	7300	7300	7300
41 or Less	1030	1030	1030	1030	3294	3594	4000	4637	4924	5450	6050	6300	6300	7300	7300	7300	7300	7300
					3594	3894	4300	4937	5224	5750	6350	6300	6300	7300	7300	7300	7300	7300
					3894	4194	4600	5237	5524	6050	6650	6300	6300	7300	7300	7300	7300	7300
					4194	4494	4900	5537	5824	6350	6950	6300	6300	7300	7300	7300	7300	7300
					4494	4794	5200	5837	6124	6650	7250	6300	6300	7300	7300	7300	7300	7300
					4794	5094	5500	6137	6424	6950	7550	6300	6300	7300	7300	7300	7300	7300
					5094	5394	5800	6437	6724	7250	7850	6300	6300	7300	7300	7300	7300	7300
					5394	5694	6100	6737	7024	7550	8150	6300	6300	7300	7300	7300	7300	7300
					5694	5994	6400	7037	7324	7850	8450	6300	6300	7300	7300	7300	7300	7300
					5994	6294	6700	7337	7624	8150	8750	6300	6300	7300	7300	7300	7300	7300
					6294	6594	7000	7637	7924	8450	9050	6300	6300	7300	7300	7300	7300	7300
					6594	6894	7300	7937	8224	8750	9350	6300	6300	7300	7300	7300	7300	7300
					6894	7194	7600	8237	8524	9050	9650	6300	6300	7300	7300	7300	7300	7300
					7194	7494	7900	8537	8824	9350	9950	6300	6300	7300	7300	7300	7300	7300
					7494	7794	8200	8837	9124	9650	10250	6300	6300	7300	7300	7300	7300	7300
					7794	8094	8500	9137	9424	9950	10550	6300	6300	7300	7300	7300	7300	7300
					8094	8394	8800	9437	9724	10250	10850	6300	6300	7300	7300	7300	7300	7300
					8394	8694	9100	9737	10024	10550	11150	6300	6300	7300	7300	7300	7300	7300
					8694	8994	9400	10037	10324	10850	11450	6300	6300	7300	7300	7300	7300	7300
					8994	9294	9700	10337	10624	11150	11750	6300	6300	7300	7300	7300	7300	7300
					9294	9594	10000	10637	10924	11450	12050	6300	6300	7300	7300	7300	7300	7300
					9594	9894	10300	10937	11224	11750	12350	6300	6300	7300	7300	7300	7300	7300
					9894	10194	10600	11237	11524	12050	12650	6300	6300	7300	7300	7300	7300	7300
					10194	10494	10900	11537	11824	12350	12950	6300	6300	7300	7300	7300	7300	7300
					10494	10794	11200	11837	12124	12650	13250	6300	6300	7300	7300	7300	7300	7300
					10794	11094	11500	12137	12424	12950	13550	6300	6300	7300	7300	7300	7300	7300
					11094	11394	11800	12437	12724	13250	13850	6300	6300	7300	7300	7300	7300	7300
					11394	11694	12100	12737	13024	13550	14150	6300	6300	7300	7300	7300	7300	7300
					11694	11994	12400	13037	13324	13850	14450	6300	6300	7300	7300	7300	7300	7300
					11994	12294	12700	13337	13624	14150	14750	6300	6300	7300	7300	7300	7300	7300
					12294	12594	13000	13637	13924	14450	15050	6300	6300	7300	7300	7300	7300	7300
					12594	12894	13300	13937	14224	14750	15350	6300	6300	7300	7300	7300	7300	7300
					12894	13194	13600	14237	14524	15050	15650	6300	6300	7300	7300	7300	7300	7300
					13194	13494	13900	14537	14824	15350	15950	6300	6300	7300	7300	7300	7300	7300
					13494	13794	14200	14837	15124	15650	16250	6300	6300	7300	7300	7300	7300	7300
					13794	14094	14500	15137	15424	15950	16550	6300	6300	7300	7300	7300	7300	7300
					14094	14394	14800	15437	15724	16250	16850	6300	6300	7300	7300	7300	7300	7300
					14394	14694	15100	15737	16024	16550	17150	6300	6300	7300	7300	7300	7300	7300
					14694	14994	15400	16037	16324	16850	17450	6300	6300	7300	7300	7300	7300	7300
					14994	15294	15700	16337	16624	17150	17750	6300	6300	7300	7300	7300	7300	7300
					15294	15594	16000	16637	16924	17450	18050	6300	6300	7300	7300	7300	7300	7300
					15594	15894	16300	16937	17224	17750	18350	6300	6300	7300	7300	7300	7300	7300
					15894	16194	16600	17237	17524	18050	18650	6300	6300	7300	7300	7300	7300	7300
					16194	16494	16900	17537	17824	18350	18950	6300	6300	7300	7300	7300	7300	7300
					16494	16794	17200	17837	18124	18650	19250	6300	6300	7300	7300	7300	7300	7300
					16794	17094	17500	18137	18424	18950	19550	6300	6300	7300	7300	7300	7300	7300
					17094	17394	17800	18437	18724	19250	19850	6300	6300	7300	7300	7300	7300	7300
					17394	17694	18100	18737	19024	19550	20150	6300	6300	7300	7300	7300	7300	7300
					17694	17994	18400	19037	19324	19850	20450	6300	6300	7300	7300	7300	7300	7300
					17994	18294	18700	19337	19624	20150	20750	6300	6300	7300	7300	7300	7300	7300
					18294	18594	19000	19637	19924	20450	21050	6300	6300	7300	7300	7300	7300	7300
					18594	18894	19300	19937	20224	20750	21350	6300	6300	7300	7300	7300	7300	7300
					18894	19194	19600	20237	20524	21050	21650	6300	6300	7300	7300	7300	7300	7300
					19194	19494	19900	20537	20824	21350	21950	6300	6300	7300	7300	7300	7300	7300
					19494	19794	20200	20837	21124	21650	22250	6300	6300	7300	7300	7300	7300	7300
					19794	20												

TABLE 4-m
 LBS PER DAY OF BOD₅
 (river mile 238.19 to 243.0)
 Previous Day Average Flow at Rothschild Dam (cfs)

Temp F	Flow cfs	980 or less	981- 1220	1221- 1470	1471- 1730	1731- 1990	1991- 2260	2261- 2540	2541- 2830	2831- 3120	3131- 3430	3431- 3750	3751- 4220	4231- 4730	4731- 5250	5251- 5750	5751- 6340	6341- 6910 or more
Previous Day Mean																		
78 +	4044	3872	4075	4515	4828	5032	5598	5848	6428	7059	7808	8796	10113	11608	13187	14959	17311	19462
74-77	2805	3658	4154	4687	5261	5330	5879	6585	7369	8278	9285	10536	12230	14081	16245	18851	21642	24747
70-73	3238	3613	4201	4750	5079	5722	6506	7416	7667	9680	10787	12403	14531	17311	20104	23354	26584	29844
66-69	3417	3773	4468	5001	5706	6616	7651	8827	10129	11509	12999	15037	17926	21046	24512	28354	31864	31864
62-65	2527	4388	5001	5816	6381	8074	9454	10976	12631	14363	16386	19149	22756	26786	31302	31864	31864	31864
58-61	2701	5016	5899	7228	8702	10395	12220	14237	16558	19008	21674	25328	30205	31864	31864	31864	31864	31864
54-57	3032	6177	7745	9596	11681	13987	16778	19572	22698	26148	29922	31864	31864	31864	31864	31864	31864	31864
50-53	6249	8294	10678	13358	16311	19949	23738	27846	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864
46-49	8827	11916	15655	19729	24355	29609	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864
42-45	13140	18161	23822	30408	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864
41 or Less	20874	28997	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864
78 +	4530	4488	4844	5361	5706	5363	6255	6726	7322	7965	8686	9690	10991	12424	14018	15806	17973	20276
74-77	4128	4342	4891	5361	5659	6114	6710	7416	8200	9094	10066	11321	13014	14896	17311	19686	23411	26489
70-73	3687	4264	4922	5361	5816	6491	7290	8216	9219	10348	11586	13155	15335	17826	20717	23806	27260	31051
66-69	3934	4405	5142	5675	6412	7306	8372	9549	10819	12214	13689	15774	18681	21721	25171	28950	31864	31864
62-65	4044	5001	5612	6459	7510	8733	10129	11634	13249	15069	17311	19698	23430	27413	31864	31864	31864	31864
58-61	4750	5397	6385	7871	9360	11038	12889	14927	17311	19698	23430	28970	30832	31864	31864	31864	31864	31864
54-57	5565	6773	8357	10239	12340	14677	17424	20278	23283	26833	30597	31864	31864	31864	31864	31864	31864	31864
50-53	6914	8921	11321	14018	17311	20670	24481	28699	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864
46-49	9454	12591	16355	20497	25155	30424	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864
42-45	13877	18255	24716	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864
41 or Less	21799	30032	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864
78 +	2946	2946	2946	2946	2946	2946	3933	3950	4524	5330	6098	7196	8639	10176	11854	13626	15633	18145
74-77	2946	2946	2946	2946	2946	3527	4201	4954	5832	6757	7823	9219	10929	12842	14950	17596	20466	23634
70-73	2946	2946	2946	2946	3401	4170	5048	6020	7102	8278	9533	11226	13068	15068	18355	22066	25641	29577
66-69	2946	2946	3008	3430	4311	5367	6581	7904	9368	10411	11932	13939	17013	20074	23618	27539	31864	31864
62-65	2946	2946	3358	4489	5612	6883	8325	9909	11571	13359	15351	18192	21877	25970	30550	31864	31864	31864
58-61	2946	3358	4703	6036	7604	9329	11226	13249	15508	18087	20764	24465	29436	31864	31864	31864	31864	31864
54-57	3527	4375	6553	8482	10946	12983	15633	18616	21763	25249	29060	31864	31864	31864	31864	31864	31864	31864
50-53	4938	7039	9517	12277	15351	17766	22724	26974	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864
46-49	7431	10846	14269	17421	23210	28495	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864
42-45	11697	16341	22459	29107	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864
41 or Less	19196	27866	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864	31864

TABLE 5-m
 LBS PER DAY OF BOD₅
 (river mile 248.9 to 240.0)
 Previous Day Average Flow at Rothschild Dam (cfs)

Temp °F	980 or less	951- 1220	1221- 1470	1471- 1730	1731- 1990	1991- 2260	2261- 2540	2541- 2830	2831- 3130	3131- 3430	3431- 3780	3781- 4230	4231- 4730	4731- 5250	5251- 5780	5781- 6340	6341- 6910	6911 or more
78 +	8928	7699	6023	4313	3049	2454	2809	2805	3055	3319	3650	4076	4644	5285	5969	6537	6537	8186
74-77	8166	6476	4630	2954	2007	2362	2319	3123	3461	3853	4265	4826	5556	6354	7022	7422	9126	10464
70-73	7077	5360	3376	2521	2474	2751	3089	3481	3889	4414	4985	5631	6577	7960	8409	9754	11263	12661
66-69	5925	4259	2580	2440	2744	3136	3582	4090	4651	5246	5858	6337	7524	8865	10383	12019	13851	14020
62-65	4894	2907	2440	2792	3238	3765	4360	5016	5712	6476	7267	8051	9606	11343	13250	14020	14020	14020
58-61	3474	2447	2566	3400	4035	4766	5556	6422	7390	8466	9749	11214	12817	14020	14020	14020	14020	14020
54-57	2154	2947	3623	4421	5320	6314	7537	8923	10596	12566	14020	14020	14020	14020	14020	14020	14020	14020
50-53	3021	3860	4587	6043	7837	10025	11843	13831	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020
46-49	4090	5421	6537	8301	10295	12560	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020
42-45	5949	7625	10065	12905	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020
41 or Less	8795	12296	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020
75 +	4840	7253	5867	4225	3076	2612	2961	3184	3441	3718	4029	4461	5022	5644	6327	7544	8538	8538
74-77	7530	6381	4678	3231	2724	2920	3177	3481	3819	4204	4624	5164	5894	6537	7747	8274	9457	10775
70-73	6590	5415	3648	2928	2792	3082	3427	3826	4259	4745	5266	5935	6537	7524	8727	10059	11546	13182
66-69	6057	4434	3015	2731	3049	3484	3894	4401	4948	5550	6185	6937	7828	9160	10647	12276	14020	14020
62-65	5049	3015	2704	3069	3522	4049	4651	5300	5996	6537	7747	8342	9696	11613	13533	14020	14020	14020
58-61	3536	2697	3123	3877	4319	5043	5840	6597	7071	8268	9430	10992	13087	14020	14020	14020	14020	14020
54-57	2633	2204	3887	4698	5604	6537	7307	8538	9876	11363	12936	14020	14020	14020	14020	14020	14020	14020
50-53	3263	4130	5154	6327	7064	8707	10349	12168	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020
46-49	4360	5712	6437	8652	10640	13011	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020
42-45	6266	7866	10451	13310	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020
41 or Less	9193	12742	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020
78 +	4238	3731	3035	2001	1555	1555	1764	1987	2278	2582	2913	3387	4008	4671	5394	6158	6537	7618
74-77	3866	3312	2264	1541	4279	1305	2095	2420	2798	3197	3637	4269	4995	5820	6537	7382	8619	9984
70-73	3549	2781	1798	1521	1751	2052	2460	2880	3346	3853	4394	5124	6053	6537	7916	9308	10850	12546
66-69	3021	2149	1521	1794	2143	2555	3035	3562	4150	4772	5428	6253	6537	8450	9978	11688	13533	14020
62-65	2594	1521	1818	2224	2704	3251	3873	4556	5273	6043	6937	7639	9227	10992	12965	14020	14020	14020
58-61	1583	1332	2812	2886	3562	4306	5124	5996	6537	7821	9347	10943	12485	14020	14020	14020	14020	14020
54-57	1803	2286	3109	3941	4874	5881	6537	7821	9173	10681	12323	14020	14020	14020	14020	14020	14020	14020
50-53	2413	3319	4387	5577	6537	7943	9592	11424	13432	14020	14020	14020	14020	14020	14020	14020	14020	14020
46-49	3485	4874	6435	7794	9602	12080	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020
42-45	5927	6537	9491	12344	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020
41 or Less	8071	11593	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020

TABLE 5-m (continued)
 LBS PER DAY OF BOD₅
 (river mile 248.9 to 249.0)
 Previous Day Average Flow at Rothschild Dam (cfs)

Flow cfs	980 or less	981- 1220	1221- 1470	1471- 1730	1731- 1990	1991- 2250	2251- 2540	2541- 2830	2831- 3130	3131- 3430	3431- 3780	3781- 4230	4231- 4730	4731- 5250	5251- 5780	5781- 6340	6341- 6910 or more
Temp °F																	
Previous Day Mean	2984	2812	2339	1697	1521	1521	1521	1521	1953	2978	2602	3941	3870	4346	5049	5813	6652
78+	2886	2651	1717	1521	1521	1521	1521	1521	2581	2400	2946	2941	4598	5523	6415	6537	9585
70-73	2758	2197	1521	1521	1521	1521	1521	1521	3089	3583	4137	4853	5786	6537	7598	8964	10491
66-69	2379	1653	1521	1548	1906	2325	2792	3326	3900	4322	5155	6043	6537	8152	9667	11343	13202
62-65	2035	1521	1602	2007	2437	3042	3664	4333	5049	5813	6537	7362	8950	10701	12663	14020	14020
58-61	1521	1629	2109	2690	3353	4103	4914	5780	6637	7341	8430	10072	12202	14020	14020	14020	14020
54-57	1609	2190	2907	3738	4664	5671	6537	7584	8980	10424	12053	14020	14020	14020	14020	14020	14020
50-53	2224	3123	4184	5374	6537	7706	9342	11167	13155	14020	14020	14020	14020	14020	14020	14020	14020
46-49	3285	4671	6212	7551	9552	11809	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020
42-45	5097	6537	9220	12053	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020
41 or Less	7794	11289	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020	14020

TABLE 6-III
 LBS. PER DAY OF BOD₅
 (river mile 341.4 to 313.2)
 Flow at Whirlpool Rapids (cfs)

Flow cfs	390 or less	391- 320	521- 650	551- 780	781- 910	911- 1040	1041- 1300	1301- 1560	1561- 1820	1821- 2080	2081- 2340	2341- 2600	2601- or more
78+	957	957	1304	2078	2944	3929	5006	6017	5734	6044	6397	8223	9116
74-77	957	957	1796	2780	3938	5160	6384	6491	6819	7922	9116	9116	9116
70-73	957	1231	2395	3572	4986	6573	7138	7386	8432	9116	9116	9116	9116
66-69	1231	1836	3218	4719	6500	7721	8397	8897	9116	9116	9116	9116	9116
62-65	1231	2083	3448	5239	8095	9223	9043	9116	9116	9116	9116	9116	9116
58-61	1960	3756	5938	8357	10671	11116	9116	9116	9116	9116	9116	9116	9116
54-57	2881	5457	8369	12432	18322	24322	31116	3116	3116	3116	3116	3116	3116
50-53	4903	7931	11116	15116	21116	28116	3116	3116	3116	3116	3116	3116	3116
46-49	6631	9116	12116	17116	23116	3116	3116	3116	3116	3116	3116	3116	3116
45 or Less	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116
MAY													
78+	957	1185	1759	2407	3145	3984	5378	6655	6436	6755	7621	8806	9116
74-77	957	1413	2151	3017	3984	5087	6910	7047	7375	8350	9116	9116	9116
70-73	957	1650	2607	3710	4968	6351	7830	7794	8824	9116	9116	9116	9116
66-69	1185	2215	3409	4795	6272	7965	9386	9116	9116	9116	9116	9116	9116
62-65	1650	2935	4498	6244	8277	9574	9116	9116	9116	9116	9116	9116	9116
58-61	2270	3938	5971	8373	11116	11116	9116	9116	9116	9116	9116	9116	9116
57 or Less	3154	5479	8332	11116	11116	11116	9116	9116	9116	9116	9116	9116	9116
JUNE													
78+	957	957	1304	2078	2944	3929	5006	6017	5734	6044	6397	8223	9116
74-77	957	1796	2780	3938	5160	6384	7138	7386	8432	9116	9116	9116	9116
70-73	957	2395	3572	4986	6573	7138	8397	8897	9116	9116	9116	9116	9116
66-69	1231	3218	4719	6500	7721	8397	9043	9116	9116	9116	9116	9116	9116
62-65	1231	3448	5239	8095	9223	9043	9116	9116	9116	9116	9116	9116	9116
58-61	1960	3756	5938	8357	10671	11116	9116	9116	9116	9116	9116	9116	9116
54-57	2881	5457	8369	12432	18322	24322	31116	3116	3116	3116	3116	3116	3116
50-53	4903	7931	11116	15116	21116	28116	3116	3116	3116	3116	3116	3116	3116
46-49	6631	9116	12116	17116	23116	3116	3116	3116	3116	3116	3116	3116	3116
45 or Less	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116
JULY - AUGUST													
78+	957	957	1304	2078	2944	3929	5006	6017	5734	6044	6397	8223	9116
74-77	957	1796	2780	3938	5160	6384	7138	7386	8432	9116	9116	9116	9116
70-73	957	2395	3572	4986	6573	7138	8397	8897	9116	9116	9116	9116	9116
66-69	1231	3218	4719	6500	7721	8397	9043	9116	9116	9116	9116	9116	9116
62-65	1231	3448	5239	8095	9223	9043	9116	9116	9116	9116	9116	9116	9116
58-61	1960	3756	5938	8357	10671	11116	9116	9116	9116	9116	9116	9116	9116
57 or Less	2671	4576	6883	9116	11116	11116	9116	9116	9116	9116	9116	9116	9116
SEPTEMBER													
78+	957	957	1304	2078	2944	3929	5006	6017	5734	6044	6397	8223	9116
74-77	957	1796	2780	3938	5160	6384	7138	7386	8432	9116	9116	9116	9116
70-73	957	2395	3572	4986	6573	7138	8397	8897	9116	9116	9116	9116	9116
66-69	1231	3218	4719	6500	7721	8397	9043	9116	9116	9116	9116	9116	9116
62-65	1231	3448	5239	8095	9223	9043	9116	9116	9116	9116	9116	9116	9116
58-61	1960	3756	5938	8357	10671	11116	9116	9116	9116	9116	9116	9116	9116
57 or Less	2439	4667	7320	9697	11116	11116	9116	9116	9116	9116	9116	9116	9116

TABLE 6-m (continued)
 LBS PER DAY OF BOD,
 (Per mile 341.4 to 313.2)
 Flow at Whirlpool Rapids (cfs)

Temp F	Flow cfs		781- 910	911- 1040	1041- 1300	1301- 1560	1561- 1820	1821- 2080	2081- 2340	2341- 2500	2601 or more
	390 or Less	521- 650	781- 910	911- 1040	1041- 1300	1301- 1560	1561- 1820	1821- 2080	2081- 2340	2341- 2500	2601 or more
78+	957.	957.	957.	957.	2097.	3610.	4421.	4412.	4950.	6007.	7323.
74-77	957.	957.	2430.	3254.	4339.	5451.	4421.	6117.	7366.	8979.	9116.
70-73	957.	1531.	2770.	5096.	6317.	7056.	7056.	8469.	9116.	9116.	9116.
66-69	957.	2598.	3774.	6324.	7794.	9116.	9116.	9116.	9116.	9116.	9116.
62-65	957.	3110.	5196.	6824.	7074.	9116.	9116.	9116.	9116.	9116.	9116.
58-61	1431.	3455.	7037.	7643.	8196.	9116.	9116.	9116.	9116.	9116.	9116.
54-57	2315.	3027.	3141.	3660.	3116.	3116.	3116.	3116.	3116.	3116.	3116.
50-53	3628.	4494.	7183.	8560.	9116.	9116.	9116.	9116.	9116.	9116.	9116.
46-49	5816.	6837.	8352.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.
45 or Less	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.

TABLE 7-m
LBS PER DAY OF BOD₅
(river mile 313.1 to 306.9)
Flow at Tomahawk Dam (cfs)

Flow cfs	Temp °F	584 or less	585- 778	779- 972	973- 1166	1167- 1360	1361- 1554	1555- 1942	1943- 2330	2331- 2719	2719- 3107	3107- 3494	3495- 3888	3888- 4270	4271- 4659	4659- 5047	5047- 5435	5435- 5822	5823- 6210	6211 or more
78 +		2400	2599	2712	2868	3039	3280	4374	6433	8733	10962	13064	14967	16472	18152	18152	18152	18152	18152	18152
74-77		2400	2982	3323	3649	4004	4374	4827	7100	9642	12169	14512	16614	18152	18152	18152	18152	18152	18152	18152
70-73		2400	2883	3364	4189	4729	5362	5921	7396	10139	13021	15677	18020	18152	18152	18152	18152	18152	18152	18152
66-69		2400	3834	4572	5382	6262	7143	8034	10423	13760	16884	18152	18152	18152	18152	18152	18152	18152	18152	18152
62-65		2400	4658	5652	6816	8051	9244	10476	14030	17778	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
58-61		2400	5581	7057	8733	10267	12539	14910	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
54-57		2400	6844	9017	11161	13359	16912	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
50-53		2400	11758	15379	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
46-49		2400	11687	16231	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
42-45		2400	16273	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
41 or Less		18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
MAY																				
78 +		2400	2400	3010	3763	4303	4787	5481	6376	8122	10011	11985	13817	15407	16927	18152	18152	18152	18152	18152
74-77		2400	2897	4004	4743	5382	5907	6733	8563	10749	12933	15009	16756	18152	18152	18152	18152	18152	18152	18152
70-73		2400	3919	4970	5822	6603	7228	8591	11119	13689	16046	18091	18152	18152	18152	18152	18152	18152	18152	18152
66-69		2400	3835	5140	6391	7841	9373	11445	14484	17310	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
62-65		2400	4871	6376	7796	9102	10281	12056	14659	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
58-61		2400	6063	7885	9689	11303	13476	15776	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
57 or Less		7498	9983	12255	14924	17750	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
JUNE																				
78 +		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
74-77		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
70-73		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
66-69		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
62-65		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
58-61		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
57 or Less		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
JULY - AUGUST																				
78 +		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
74-77		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
70-73		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
66-69		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
62-65		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
58-61		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
57 or Less		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
SEPTEMBER																				
78 +		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
74-77		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
70-73		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
66-69		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
62-65		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
58-61		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
57 or Less		2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400

TABLE 7. on (Continued)
 LBS PER DAY OF FOD,
 (river mile 313.1 to 306.9)
 Flow at Tomahawk Dam (cfs)

Flow cfs	584	585- 778	779- 972	973- 1166	1167- 1360	1361- 1554	1555- 1942	1943- 2330	2331- 2718	2719- 3106	3107- 3494	3495- 3882	3883- 4270	4271- 4658	4659- 5046	5047- 5434	5435- 5822	5823- 6210 or more	6211
78 +	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
74-77	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
70-73	2400	2400	2400	2536	3238	3848	4913	7668	10579	13305	15963	18152	18152	18152	18152	18152	18152	18152	18152
66-69	2400	2457	3380	4345	5282	6063	8193	11516	14653	17395	20152	22926	25700	28474	31248	34022	36796	39570	42344
62-65	2712	3806	5084	6362	7640	8918	11942	15677	19412	23147	26882	30617	34352	38087	41822	45557	49292	53027	56762
58-61	3848	5439	7171	8733	10664	12898	16887	21876	26865	31854	36843	41832	46821	51810	56799	61788	66777	71766	76755
54-57	5311	7554	9741	12184	15080	17821	23552	29283	35014	40745	46476	52207	57938	63669	69400	75131	80862	86593	92324
50-53	7841	10409	13604	17289	21452	26152	31452	36752	42052	47352	52652	57952	63252	68552	73852	79152	84452	89752	95052
46-49	10352	14626	18152	21452	24752	28052	31352	34652	37952	41252	44552	47852	51152	54452	57752	61052	64352	67652	70952
42-45	14763	18152	21452	24752	28052	31352	34652	37952	41252	44552	47852	51152	54452	57752	61052	64352	67652	70952	74252
41 or Less	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152

TABLE 8-m
PUBLICLY OWNED
LES PER DAY OF BOD₅
(river mile 265.0 to 266.0)
Previous Day Average Flow at Reuschchild Dam (cfs)

Temp °F	Flow cfs		Previous Day Average Flow at Reuschchild Dam (cfs)															
	980 or less	1220	1221- 1470	1471- 1730	1731- 1990	1991- 2260	2261- 2540	2541- 2830	2831- 3130	3131- 3430	3431- 3780	3781- 4230	4231- 4730	4731- 5250	5251- 5780	5781- 6910	6911 or more	
Previous Day Mean	1314	1275	1321	1422	1494	1541	1624	1729	1862	2002	2179	2406	2709	3051	3415	3822	4108	4597
74-77	1213	1228	1339	1462	1517	1610	1736	1898	2078	2287	2507	2806	3195	3620	4103	4456	4827	5311
70-73	1152	1213	1350	1576	1582	1705	1880	2089	2147	2386	2664	3253	3728	4103	4716	5453	6286	6982
66-69	1170	1253	1412	1534	1696	1905	2143	2413	2712	3029	3372	3840	4244	4961	5751	6640	7616	7706
62-65	1195	1394	1534	1721	1959	2240	2557	2907	3278	3685	4103	4325	5353	6279	7317	7706	7706	7706
58-61	1350	1538	1761	2046	2384	2773	3195	3656	4103	4492	5105	5944	7085	7706	7706	7706	7706	7706
54-57	1541	1804	2165	2590	3069	3599	4103	4708	5577	6546	7706	7706	7706	7706	7706	7706	7706	7706
50-53	1844	2291	2838	3454	4103	4708	5577	6546	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706
46-49	2413	3123	3959	4658	5721	6928	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706
42-45	3404	4298	5598	7112	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706
41 or Less	4921	6787	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706
MAY - JUNE																		
78 +	1426	1415	1498	1617	1696	1732	1822	1930	2067	2215	2381	2611	2910	3242	3605	4017	4254	4784
74-77	1332	1383	1509	1617	1685	1790	1927	2069	2269	2474	2696	2986	3375	3808	4103	4643	5274	5977
70-73	1275	1365	1516	1617	1721	1876	2060	2273	2503	2763	3040	3403	3908	4244	4855	5595	6387	7259
66-69	1289	1397	1566	1689	1858	2064	2309	2579	2871	3191	3530	4009	4406	5115	5908	6776	7706	7706
62-65	1314	1534	1675	1869	2111	2392	2712	3058	3429	3847	4103	4679	5508	6423	7447	7706	7706	7706
58-61	1475	1671	1898	2193	2536	2921	3346	3815	4103	4651	5260	6092	7209	7706	7706	7706	7706	7706
54-57	1864	1941	2305	2737	3220	3757	4128	4784	5497	6290	7155	7706	7706	7706	7706	7706	7706	7706
50-53	1974	2435	2986	3606	4103	4874	5706	6719	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706
46-49	2557	3273	4103	4824	5905	7115	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706
42-45	3573	4103	5804	7323	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706
41 or Less	5133	7025	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706
JULY - AUGUST																		
78 +	1082	1069	1062	1062	1062	1082	1174	1393	1448	1610	1786	2038	2370	2723	3109	3516	3977	4284
74-77	1062	1062	1062	1062	1062	1193	1350	1523	1725	1938	2183	2503	2896	3326	3829	4168	4827	5555
70-73	1062	1062	1062	1062	1187	1343	1545	1768	2017	2237	2575	2964	3465	4081	4552	5195	6016	6921
66-69	1062	1075	1135	1376	1595	1851	2132	2446	2777	3127	3588	4103	4737	5551	6452	7447	7706	7706
62-65	1062	1062	1203	1419	1675	1966	2298	2662	3044	3459	3912	4305	5151	6092	7144	7706	7706	7706
58-61	1062	1210	1466	1772	2132	2528	2964	3429	3948	4526	4896	5746	6868	7706	7706	7706	7706	7706
54-57	1195	1505	1891	2334	2891	3368	3977	4402	5123	5926	6802	7706	7706	7706	7706	7706	7706	7706
50-53	1520	2002	2572	3206	3912	4467	5346	6322	7393	7706	7706	7706	7706	7706	7706	7706	7706	7706
46-49	2093	2831	3663	4388	5458	6672	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706
42-45	3073	4103	5292	6512	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706
41 or Less	4535	6413	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706
SEPTEMBER																		

TABLE 8-m (continued)
PUBLICLY OWNED
LES PER DAY OF BOD₅
(river mile 265.0 to 260.0)

Previous Day Average Flow at Rothchild Dam (cfs)

Flow cfs	980 or less	981- 1220	1221- 1470	1471- 1730	1731- 1990	1731- 1991	1991- 2250	2251- 2540	2541- 2830	2831- 3130	3131- 3430	3431- 3730	3731- 4230	4231- 4730	4731- 5250	5251- 5780	5781- 6340	6341- 6910	6911 or more
Temp °F	980	981-1220	1221-1470	1471-1730	1731-1990	1731-1991	1991-2250	2251-2540	2541-2830	2831-3130	3131-3430	3431-3730	3731-4230	4231-4730	4731-5250	5251-5780	5781-6340	6341-6910	6911 or more
Previous Day Mean	1062	1062	1062	1062	1062	1062	1062	1062	1138	1275	1448	1621	1866	2190	2550	2925	3302	3775	4102
78 +	1062	1062	1062	1062	1062	1062	1062	1062	1138	1275	1448	1621	1866	2190	2550	2925	3302	3775	4102
74-77	1062	1062	1062	1062	1062	1062	1062	1062	1379	1566	1779	2028	2334	2737	3171	3653	4103	4615	5342
70-73	1062	1062	1062	1062	1062	1203	1408	1631	1831	1980	2143	2428	2620	3318	3963	4283	5011	5825	6722
66-69	1062	1062	1062	1062	1249	1473	1721	1921	2006	2312	2644	2997	3454	4092	4579	5386	6279	7270	7706
62-65	1062	1062	1087	1303	1559	1855	2186	2543	2925	3332	3775	4168	5004	5937	6985	7706	7706	7706	7706
58-61	1062	1102	1338	1667	2020	2420	2853	3314	3818	4146	4759	5602	6737	7706	7706	7706	7706	7706	7706
54-57	1091	1401	1783	2226	2719	3256	3750	4276	4993	5789	6658	7706	7706	7706	7706	7706	7706	7706	7706
50-53	1419	1898	2464	3098	3790	4341	5213	6186	7245	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706
46-49	1984	2723	3545	4258	5284	6528	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706
42-45	2950	4039	5148	6658	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706
41 or Less	4388	6230	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706	7706

(c) Reallocations shall occur according to the following procedure:

1. Upon notification by the department of the availability of a wasteload pursuant to par. (a), the designated management agency shall publish a notice of wasteload availability.

2. A 6-month period shall be provided for persons to declare interest in available wasteload allocations.

3. Within 60 days of the end of the 6 month period the designated management agency shall conduct a public meeting regarding the proposed reallocation.

4. The designated management agency shall recommend a reallocation including an explicit reserve capacity to the department within 30 days of the public meeting.

5. The department shall notify the designated management agency of acceptance or rejection of the recommendation within 6 months.

History: Cr. Register, September, 1981, No. 309, eff. 10-1-81; emerg. r. and recr. (1) (c) and (2) (c), eff. 8-5-83; r. and recr. (1) (c) and (2) (c), Register, November, 1983, No. 335, eff. 12-1-83; am. (1) (a) and (f), (2) (b) 2., cr. (4), Register, May, 1986, No. 365, eff. 6-1-86; am. (1) (c) to (e), (2) (c) 1., 2.a. and 3., (d), (e) 2., (f) 2., (g), (h) (intro.) and 2., cr., tables 1-c and 8-m, r. and recr. tables 2-m, 3-m, 4-m and 5-m, Register, March, 1987, No. 375, eff. 4-1-87.

NR 212.70 Determination of Peshtigo river water quality related effluent limitations. Effluent limitations for point sources discharging BOD₅ to the Peshtigo river shall be calculated according to the procedures contained in this section. These limitations shall apply from May 1 to October 31 annually.

(1) Determine baseline loads for each point source subject to the wasteload allocation.

(a) The baseline load for each publicly-owned point source located between milepoints 9.6 and 0.0 shall be calculated as follows:

$$\text{Baseline load} = (Q) (8.34) (60) + (\text{BPT}) (\text{Production})$$

Where Q = The year 2000 flow projection of the domestic contribution of the influent to the treatment plant expressed in millions of gallons per day

8.34 = Conversion factor

60 = Concentration of BOD₅ expressed in milligrams per liter

BPT = The final best practicable waste treatment effluent limitations for the industrial contribution of the influent to the treatment plant 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 during January 1 to December 1, 1978 expressed as tons per day

(b) The baseline load for each nonpublicly-owned point source located between milepoints 12.0 and 9.7 shall be calculated as follows:

Baseline load = (BPT) (Production)

Where BPT = The final best practicable waste treatment effluent limitations for the point source which is not discharged to a publicly-owned treatment system 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 during January 1 to December 1, 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 9.6 and 0.0 shall be a reduction in its discharge to levels appearing in Table 1-p.

(b) The allocation for each nonpublicly-owned point source located between milepoints 12.0 and 9.6 shall be a reduction in its discharge to levels appearing in Table 2-p.

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

History: Cr. Register, May, 1985, No. 353, eff. 6-1-85.

DEPARTMENT OF NATURAL RESOURCES 82-15
NR 212

TABLE 1-p
LBS PER DAY OF BOD₅
(river mile 9.6 to 0.0)
Previous Day Average Flow at Peshtigo (cfs)

FLOW CFS TEMP F	200 LESS	201 260	281 300	301 340	341 400	401 530	531 610	611 800	801 1100	1101 MORE
MAY - JUNE										
78+	3151	3151	3367	3151	3351	3493	3685	3332	3881	3607
74-77	3220	3506	3820	3624	3930	4220	4281	4281	4281	4281
70-73	3542	3938	4281	4208	4281	4281	4281	4281	4281	4281
66-69	3946	4281	4281	4281	4281	4281	4281	4281	4281	4281
62-65	4281	4281	4281	4281	4281	4281	4281	4281	4281	4281
32-61	4281	4281	4281	4281	4281	4281	4281	4281	4281	4281
JULY										
78+	3151	3151	3228	3151	3404	3685	4028	4281	4281	4281
74-77	3216	3559	3914	3840	4195	4281	4281	4281	4281	4281
70-73	3689	4142	4281	4281	4281	4281	4281	4281	4281	4281
65-69	4167	4281	4281	4281	4281	4281	4281	4281	4281	4281
62-65	4281	4281	4281	4281	4281	4281	4281	4281	4281	4281
32-61	4281	4281	4281	4281	4281	4281	4281	4281	4281	4281
AUGUST - SEPTEMBER										
78+	3151	3151	3151	3151	3151	3151	3151	3151	3151	3151
74-77	3151	3151	3391	3151	3408	3599	3857	4085	4281	4281
70-73	3244	3599	3979	3791	4159	4281	4281	4281	4281	4281
66-69	3693	4187	4281	4281	4281	4281	4281	4281	4281	4281
62-65	4281	4281	4281	4281	4281	4281	4281	4281	4281	4281
32-61	4281	4281	4281	4281	4281	4281	4281	4281	4281	4281
OCTOBER										
78+	3151	3151	3151	3151	3151	3151	3151	3151	3151	3151
74-77	3151	3151	3151	3151	3151	3306	3563	3799	4126	4281
70-73	3151	3395	3755	3530	3877	4216	4281	4281	4281	4281
66-69	3538	4008	4281	4281	4281	4281	4281	4281	4281	4281
62-65	4179	4281	4281	4281	4281	4281	4281	4281	4281	4281
32-61	4281	4281	4281	4281	4281	4281	4281	4281	4281	4281

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NR 212

TABLE 2-p
LBS PER DAY OF BOD₅
(river mile 12.0 to 9.7)
Previous Day Average Flow at Peshtigo (cfs)

FLOW CFS TEMP F	200 LESS	201 260	261 300	301 340	341 400	401 530	531 610	611 800	801 1100	1101 MORE
MAY - JUNE										
78+	1787	1814	1940	1787	1895	1972	2095	2185	2258	2042
74-77	1885	2037	2223	2088	2278	2463	2506	2506	2506	2506
70-73	2057	2293	2506	2458	2506	2506	2506	2506	2506	2506
66-69	2301	2506	2506	2506	2506	2506	2506	2506	2506	2506
62-65	2506	2506	2506	2506	2506	2506	2506	2506	2506	2506
32-61	2506	2506	2506	2506	2506	2506	2506	2506	2506	2506
JULY										
78+	1787	1814	1880	1787	1947	2120	2333	2506	2506	2506
74-77	1895	2067	2275	2220	2451	2506	2506	2506	2506	2506
70-73	2148	2418	2506	2506	2506	2506	2506	2506	2506	2506
65-69	2436	2506	2506	2506	2506	2506	2506	2506	2506	2506
62-65	2506	2506	2506	2506	2506	2506	2506	2506	2506	2506
32-61	2506	2506	2506	2506	2506	2506	2506	2506	2506	2506
AUGUST - SEPTEMBER										
78+	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787
74-77	1787	1787	1947	1787	1940	2035	2208	2363	2506	2506
70-73	1869	2082	2313	2186	2423	2506	2506	2506	2506	2506
66-69	2140	2446	2506	2506	2506	2506	2506	2506	2506	2506
62-65	2506	2506	2506	2506	2506	2506	2506	2506	2506	2506
32-61	2506	2506	2506	2506	2506	2506	2506	2506	2506	2506
OCTOBER										
78+	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787
74-77	1787	1787	1807	1787	1787	1822	1985	2153	2393	2506
70-73	1787	1952	2168	2012	2238	2461	2506	2506	2506	2506
66-69	2047	2333	2506	2506	2506	2506	2506	2506	2506	2506
62-65	2441	2506	2506	2506	2506	2506	2506	2506	2506	2506
32-61	2506	2506	2506	2506	2506	2506	2506	2506	2506	2506