

## Chapter NR 212

WASTE LOAD ALLOCATED WATER QUALITY RELATED  
EFFLUENT LIMITATIONS

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**NR 212.01 Purpose.** The purpose of this chapter is to establish the procedures, methodologies and requirements to be used by the department for determining total maximum pollutant loadings and corresponding water quality related effluent limitations in accordance with ss. 147.04 (5), 147.05 and 147.25 (3), Stats. Such restrictions are established to attain and maintain the designated uses specified in the water quality standards appearing in chs. NR 102, 103 and 104.

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

**NR 212.02 Applicability.** (1) The provisions of this chapter are applicable to water quality related effluent limitations for conventional pollutants, ammonia and phosphorus developed through waste load allocations and established under s. 147.05, Stats.

(2) Nothing in this chapter shall in any way inhibit, override, preclude or prevent the department from issuing any permit with toxic effluent limits even if such permit limitations would result in more stringent limitations than provided in this chapter.

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

**NR 212.03 Definitions.** In addition to the definitions and abbreviations in ss. NR 205.03 and 205.04, the following definitions are applicable to terms used in this chapter:

(1) "Baseline load" means the reference load used in distributing all or part of the total maximum load among multiple point source dischargers to a water quality limited segment.

(2) "Categorical effluent limitation" means a point source effluent limitation for categories and classes of point sources other than publicly-owned treatment works achieved by application of the best practicable control technology currently available, the best conventional pollutant control technology, or the best available technology economically achievable as required by s. 147.04 (2), Stats.; or means a point source effluent limitation for a publicly-owned treatment works achieved by application of secondary treatment as required by s. 147.04 (4), Stats.

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(3) "Conventional pollutant" means those pollutants identified in section 304 (a) (4) of the federal clean water act amendments of 1977. These pollutants are; biological oxygen demand (BOD), total suspended solids (TSS), pH, fecal coliform and oil and grease.

(4) "Cost-effective analysis" means a systematic comparison of alternative means of meeting state water quality standards, effluent limitations or other treatment standards in order to identify the alternative which will minimize the total resources costs over the appropriate planning period. These resources costs include monetary costs and environmental as well as other nonmonetary costs.

(5) "Critical water quality conditions" means those water conditions upon which are based the most stringent water quality effluent limitations.

(6) "Effluent limitation" whenever used without qualification means any restriction including schedules of compliance, established by the department, on quantities, rates and concentrations of chemical, physical, biological, and other constituents which are discharged from point sources into waters of this state.

(7) "Flow reregulation" means any practice with respect to the available surface waters in a basin that would alter the stream flows from those which would occur under existing regimes.

(8) "Infiltration" means water other than waste water that enters a sewerage system, including sewer service connections, from the ground through such sources as defective pipes, pipe joints, connections, or manholes. Infiltration does not include, and is distinguished from, inflow.

(9) "Inflow" means water other than waste water that enters a sewerage system, including sewer service connections, from sources such as roof leaders, cellar drains, yard drains, area drains, foundation drains, drains from springs and swampy areas, manhole covers, cross connections between storm sewers and sanitary sewers, catch basins, cooling towers, storm waters, surface runoff, street wash waters, or drainage. Inflow does not include, and is distinguished from, infiltration.

(10) "Instream aeration" means techniques which increase the dissolved oxygen content of a receiving water. Those techniques include, but are not limited to, mechanical aeration devices, diffuser systems, and turbine venting.

(11) "Margin of safety" means a portion of the total maximum load which accounts for the uncertainties concerning the relationship between effluent limitations and water quality or provide a greater assurance that the water quality standards will be met. This portion of the total maximum load is not available for allocation to point sources.

(12) "New point source", for the purposes of this chapter, means a point source which commenced operation after January 1, 1980.

(13) "Nonpoint source" means a source of pollution resulting from a land management activity which contributes to runoff, seepage or percolation; and which is not defined as a point source.

(14) "Nonpoint source allocation" means that portion of the total maximum load distributed or apportioned to nonpoint sources and unavailable for allocation to point sources.

(15) "Point source allocation" means that portion of the total maximum load distributed or apportioned to point sources.

(16) "Publicly-owned point source" means any point source which is owned by a municipality.

(17) "Public sector growth" means an increase in waste water discharge from any person except industrial establishments, whose waste water is treated by a publicly-owned point source.

(18) "Reserve capacity" means that portion of the total maximum load reserved for allocation to new or expanding point sources.

(19) "Residential growth" means an increase in population.

(20) "Stream segment" means a portion of a stream including natural and artificial flowages.

(21) "Total maximum load" means the maximum quantity of a pollutant or pollutants that can be discharged into a water quality limited segment over a specified period of time to maintain the applicable water quality standards. The total maximum load is the sum of the point source allocation, the nonpoint source allocation, the reserve capacity and the margin of safety.

(22) "Waste load allocation" means the allocation resulting from the process of distributing or apportioning the total maximum load to each individual point source, nonpoint sources, reserve capacity and margin of safety.

(23) "Water quality limited segment" means any area or portion of a stream which will not meet the established water quality standard with application of only categorical effluent limitations to all point sources.

(24) "Water quality related effluent limitation" means a point source effluent limitation designed to meet applicable water quality standards and which is more restrictive than the categorical effluent limitations. For the purposes of this chapter, water quality related effluent limitations refer to those determined as a result of a waste load allocation.

(25) "Water quality standards" means administrative rules adopted as chs. NR 102, 103 and 104, under authority of s. 144.025 (2) (b), Stats.

(26) "WPDES permit" means a Wisconsin pollutant discharge elimination system permit for the discharge of pollutants issued by the department under ch. 147, Stats.

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

**NR 212.04 Severability.** Should any section, paragraph, phrase, sentence or clause of this chapter be declared invalid or unconstitutional for any reason, the remainder of this chapter shall not be affected thereby.

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

**NR 212.05 General.** (1) Water quality related effluent limitations and total maximum loads shall be established whenever categorical effluent

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limits required under s. 147.04, Stats., are less stringent than necessary to achieve the designated water quality standard. Water quality related effluent limitations for point sources shall be specified in a WPDES permit.

(2) For the purposes of this chapter compliance with water quality related effluent limitations is recognized as compliance with s. 147.02 (4) (d), Stats.

(3) In no case shall the water quality related effluent limitations be less stringent than applicable categorical effluent limitations.

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

**NR 212.06 Determination of the total maximum load.** (1) When required by s. NR 212.05, total maximum loads for stream segments shall be established based upon relevant water quality and quantity considerations including, but not limited to, streamflow, water temperature, pH, dissolved oxygen, suspended solids and hardness or other natural background conditions. The stream conditions to be used for calculating the total maximum load are specified in s. NR 102.03 (3). Variable loadings may be established for a given stream segment to reflect the varying capacity of a stream to assimilate wastes under differing conditions when necessary supporting data is available.

(2) Total maximum loads shall be reviewed at least once every 5 years and if necessary, recalculated by the department prior to permit reissuance, based on factors which shall include but not be limited to changes in stream conditions and advancements in stream modeling techniques.

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

**NR 212.07 Allocation for reserve capacity.** The allocation for a reserve capacity for a particular stream segment shall be zero unless otherwise specified in ss. NR 212.40 to 212.60.

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

**NR 212.08 Allocation for margin of safety.** The allocation for a margin of safety shall be zero unless otherwise specified in ss. NR 212.40 to 212.60.

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

**NR 212.09 Nonpoint source allocation.** The allocation for nonpoint sources shall be zero unless otherwise specified in ss. NR 212.40 to 212.60.

Note: For those stream conditions where the allocation of water quality related effluent limitations is necessary, nonpoint source efforts on stream segments will normally be accounted for in the water quality model or other technical analysis used to determine the total maximum load. In unforeseen circumstances requiring the specific allocation of a portion of the total maximum load for contributions from nonpoint sources, s. NR 212.09 can be used. Direct control of contributions from nonpoint sources will be implemented through land management control practices and will not normally be included in a waste load allocation.

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

**NR 212.10 Point source allocations.** (1) The water quality related effluent limitations for a point source discharge to a stream segment which is not impacted by any other point source shall be calculated by subtracting any allocations for reserve capacity, margin of safety or nonpoint sources from the total maximum loading.

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(2) The procedures for determining water quality related effluent limitations for point source dischargers to a stream segment affected by more than one discharger are found in ss. NR 212.40 to 212.60.

(3) The department may permit point source water quality related effluent limitations to vary according to flow, temperature or other water quality conditions only when all of the following are met:

(a) The limitations shall result in the attainment of water quality standards; and

(b) During the term of the permit the discharger provides sufficient monitoring capability where such capability does not otherwise exist.

(4) Water quality related effluent limits shall be expressed as daily maximum loads. Consistent with techniques established under ss. NR 212.40 through 212.60 effluent limits may be expressed as averages in conjunction with daily maximum limits if the permittee demonstrates that such limits would not increase the probability of water quality standards violations. The flow and temperature measurements of stream conditions for flow and temperature related permits may be based on averages in cases where averages better approximate actual river conditions.

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

**NR 212.11 Modifications of point source allocations.** (1) When a person contributing effluent to a publicly-owned point source covered by this chapter applies to terminate its contribution and to receive a separate WPDES permit, the procedures contained in ss. 147.025 and 147.03 (2), Stats., shall apply. Any reallocation pursuant to such action shall only affect the person making application and the publicly-owned point source to which it contributes effluent.

(2) For stream segments where the reserve capacity allocation is zero, new or increased point source discharges may be allowed through the permit issuance or modification process under the following conditions:

(a) The person applying for the new or increased permit source discharge secures a legally binding agreement that one or more existing point source allocations shall be reduced by an amount sufficient to prevent the total maximum load from being exceeded; and

(b) The amounts by which the existing point source allocations is reduced account for the differences in waste characteristics and locations of the affected point sources; or

(c) The new or increased discharge shall only occur during stream conditions where that discharge will not cause the total maximum load to be exceeded.

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

**NR 212.12 Instream aeration.** (1) Total maximum loads established under this chapter may be calculated based on the use of instream aeration techniques when WPDES permit applications meet both the following conditions:

(a) A cost-effectiveness analysis is submitted to the department which demonstrates that instream aeration is a satisfactory means of attaining water quality standards; and

(b) A demonstration is made to the satisfaction of the department that applicable water quality standards will be met and no environmental pollution as defined in s. 144.01 (3), Stats., will occur.

(2) Instream aeration may not be used to accommodate new or increased discharges of pollutants either from new point sources or from the expansion of existing point sources, except that instream aeration may be available on a temporary basis to accommodate increased pollution loads due to the growth of a municipality when:

(a) The use of aeration for this purpose is restricted to residential or public sector growth;

(b) Adequate operation and maintenance of the publicly-owned point source exists;

(c) Excessive infiltration and inflow have been removed from the collection systems;

(d) No bypasses exist which are not authorized by the department; and

(e) The municipality has taken all reasonable steps to obtain federal and state financing for its point source.

(3) The use of instream aeration under sub. (2) shall be allowed for a period not to exceed 5 years, at which time the publicly-owned point source shall have sufficient treatment capability in place to meet the waste water treatment needs as required by an approved municipal waste water treatment facility plan developed under ch. NR 110.

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

**NR 212.13 Flow reregulation.** (1) Total maximum loads established under this chapter may be calculated based on the use of flow reregulation techniques when WPDES permit applicants meet all of the following conditions:

(a) A cost-effectiveness analysis is submitted to the department which demonstrates that flow reregulation is a satisfactory means of attaining water quality standards.

(b) A technical analysis is presented to the satisfaction of the department which determines the critical water quality conditions for the affected stream segment as a function of the flow reregulation technique.

(c) Legally binding assurances are provided to the satisfaction of the department that the entity responsible for reregulating flows on the affected stream segment will undertake the agreed-upon flow reregulation activities.

(d) The flow reregulation does not interfere with the uses for which the impoundment was authorized.

(2) Flow reregulation may not be used to accommodate new discharges of pollutants either from new point sources or from the expansion of existing point sources.

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(3) Flow reregulation may not be accomplished by the construction of new impoundments built for the primary purpose of increasing flows to accommodate pollution loadings.

(4) Flow reregulation may not be accomplished by flow augmentation practices which would increase the overall quantity of surface water in the basin. Prohibited practices include interbasin transfers or ground-water pumping.

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

**NR 212.40 Determination of lower Fox river water quality related effluent limitations.** Effluent limitations for point sources discharging BOD<sub>5</sub> to the lower Fox river shall be calculated according to the procedures contained in this section. These limitations shall apply from May 1 to October 31 annually.

(1) Total maximum daily load for BOD<sub>5</sub>. (a) The total maximum daily BOD loads which are available for allocation to point sources discharging to the lower Fox river between milepoints 40.0 and 32.4 are shown in Table 1-a.

(b) The total maximum daily BOD<sub>5</sub> loads which are available for allocation to point sources discharging to the lower Fox river between milepoints 32.4 and 19.2 are shown in Table 1-b.

(2) Determine baseline loads for each point source subject to the waste load allocation.

(a) Publicly-owned point sources between milepoints 40.0 and 19.2. The baseline load expressed in pounds per day for each publicly-owned point source shall be calculated as follows:

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

Where: Q = The average daily flow for the publicly-owned point source during 1976 and 1977 expressed in millions of gallons per day.

8.34 = Conversion factor

60 = Concentration of BOD<sub>5</sub> expressed in milligrams per liter.

(b) Nonpublicly-owned point sources between milepoints 40.0 and 19.2. The baseline load expressed in pounds per day for each nonpublicly-owned point source shall be calculated as follows:

$$\text{Baseline Load} = (\text{BPT}) (\text{Production}) (0.85)$$

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<sub>5</sub> per ton of production. If chs. NR 284 and 285, are not applicable, the final best practicable waste treatment effluent limitations as determined under ch. NR 217, shall apply.

Production = The maximum weekly off-machine production during 1973 expressed as tons per day.

0.85 = Adjustment factor.

(3) Determine the reserve capacity adjustment. The reserve capacity for each publicly-owned point source shall be calculated as follows:

Reserve Capacity = (P) (124) (8.34) (60)

Where: P = Projected population change for the area served by the publicly-owned point source 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.

60 = Concentration of BOD<sub>5</sub> 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) 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:

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

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

Total BL = The sum of all the baseline loads for nonpublicly-owned point sources calculated in sub. (2) (b) 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).

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

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

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

T = The applicable total maximum daily BOD<sub>5</sub> load available for allocation as shown in sub. (1)



- 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 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 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<sub>5</sub> 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:

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

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 BOD<sub>5</sub> 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 BOD<sub>5</sub> 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 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 BOD<sub>5</sub> 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<sub>5</sub> 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 per day.

(e) The baseline load for each nonpublicly-owned point source with best practicable waste treatment effluent limitations of BOD<sub>5</sub> equal to or exceeding 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<sub>5</sub> 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:

$$\text{Baseline Load} = (Q) (8.34) (30)$$

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 BOD<sub>5</sub> 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:

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

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 BOD<sub>5</sub> 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.

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:

$$\text{Point Source Allocation} = \frac{\text{BL} (T)}{D}$$

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

T = The total maximum daily BOD<sub>5</sub> load available for allocation as shown in Table 1-m minus the sum of the point source allocations as determined in par. (a)

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-day-period 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 BOD<sub>5</sub> 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<sub>5</sub> 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 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<sub>5</sub> 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<sub>5</sub> 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<sub>5</sub> 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:

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 BOD<sub>5</sub> 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.

TABLE 1-a  
LBS PER DAY OF BOD<sub>5</sub>  
(river mile 40.0 to 32.4)

	MAY-JUNE (PREVIOUS FOUR DAY AVERAGE)																LBS PER DAY OF BOD <sub>5</sub> (river mile 40.0 to 32.4)									
	750 or less	751 to 850	851 to 950	951 to 1050	1051 to 1150	1151 to 1250	1251 to 1350	1351 to 1450	1451 to 1550	1551 to 1650	1651 to 1750	1751 to 1850	1851 to 1950	1951 to 2050	2051 to 2150	2151 to 2250	2251 to 2350	2351 to 2450	2451 to 2550	2551 to 2650	2651 to 2750	2751 to 2850	2851 to 2950	2951 to 3500	3501 or more	
99-84	13458	13458	13458	13458	15592	15819	16031	16318	16590	16877	17179	17498	17829	18176	18539	18916	19309	19717	20140	20578	21031	21499	21982	22481	26597	
83	13458	13458	13458	13458	15935	16162	16404	16661	16933	17220	17522	17839	18172	18519	18882	19259	19652	20060	20483	20921	21374	21842	22325	22823		
82	13458	13458	13458	13458	16263	16490	16732	16988	17260	17547	17850	18187	18499	18847	19209	19587	19980	20387	20810	21248	21701	22170	22653	23151		
81	15820	15986	16167	16364	16576	16802	17044	17301	17573	17850	18182	18480	18812	19159	19522	19899	20292	20700	21123	21561	22014	22482	22965	23464		
80	16117	16283	16465	16661	13873	17100	17342	17599	17870	18158	18460	18777	19109	19457	19819	20197	20590	20997	21420	21858	22311	22780	23263	23761		
79	16399	16566	16747	16944	17155	17382	17624	17881	18153	18440	18742	19059	19392	19739	20102	20479	20872	21280	21703	22141	22594	23062	23545	24044		
78	16667	16833	17014	17211	17423	17649	17891	18148	18420	18707	19009	19327	19659	20006	20369	20747	21139	21547	21970	22400	22861	23329	23812	24311		
77	16919	17085	17267	17463	17675	17901	18143	18400	18672	18959	19261	19579	19911	20258	20621	20999	21391	21799	22222	22660	23113	23581	24065	24563		
76	17156	17322	17503	17700	17912	18138	18380	18637	18909	19196	19498	19813	20148	20495	20858	21236	21628	22035	22459	22897	23350	23818	24301	24800		
75	17378	17544	17725	17922	18133	18360	18602	18859	19131	19418	19720	20037	20370	20717	21080	21457	21850	22258	22681	23119	23572	24040	24523	26597		
74	17584	17751	17932	18128	18340	18567	18809	19066	19338	19625	19927	20244	20576	20924	21286	21664	22057	22465	22887	23325	23778	24249	24830			
73	17776	17942	18123	18320	18522	18758	19000	19257	19529	19816	20118	20436	20768	21115	21478	21856	22248	22656	23079	23517	23970	24438	24921			
72	17952	18118	18300	18496	18708	18935	19177	19433	19705	19993	20295	20612	20944	21292	21654	22032	22425	22832	23255	23693	24146	24615	25098			
71	18113	18280	18461	18658	18869	19096	19338	19595	19867	20154	20456	20773	21106	21453	21816	22193	22586	22994	23417	23855	24308	24776	25259			
70	18260	18426	18607	18804	19015	19242	19484	19741	20013	20300	20602	20919	21252	21599	21962	22339	22732	23140	23563	24001	24454	24922	25405			
69	18391	18557	18738	18935	19146	19373	19615	19872	20144	20431	20733	21050	21383	21730	22093	22470	22863	23271	23694	24132	24585	25053	25536			
68	18506	18673	18854	19051	19262	19489	19731	19988	20260	20547	20849	21166	21499	21846	22209	22586	22979	23387	23810	24248	24701	25169	25658			
67	18607	18773	18955	19151	19363	19590	19832	20088	20360	20648	20950	21257	21599	21947	22309	22687	23081	23487	23910	24348	24801	25270	25753			
66	18693	18859	19041	19237	19449	19678	19917	20174	20446	20733	21035	21353	21685	22032	22395	22773	23165	23573	23996	24434	24882	25355	25834			
65	18763	18930	19111	19308	19519	19746	19988	20245	20517	20804	21106	21423	21755	22103	22465	22843	23236	23644	24067	24505	24958	25436	25924			
64	18819	18985	19166	19363	19574	19801	20043	20300	20572	20859	21161	21478	21811	22158	22521	22898	23289	23694	24114	24549	24999	25464	25944			
63	18859	19025	19207	19403	19615	19841	20083	20340	20612	20899	21201	21519	21851	22198	22561	22939	23331	23738	24160	24597	25049	25516	25998			
62	18884	19050	19232	19428	19640	19866	20108	20365	20637	20924	21226	21544	21876	22223	22586	22964	23356	23764	24187	24625	25078	25546	26028			
61	18894	19060	19242	19438	19650	19876	20118	20375	20647	20934	21236	21554	21887	22235	22598	22976	23369	23777	24199	24635	25086	25552	26034			
58-60	18889	19055	19236	19433	19644	19871	20113	20370	20642	20929	21231	21549	21881	22233	22596	22974	23367	23775	24197	24633	25084	25550	26032			
54-57	18350	18350	18350	18350	18350	20500	20500	25300	25300	25300	25300	25300	25300	25300	25300	25300	25300	25300	25300	25300	25300	25300	25300	25300		
50-53	17800	17800	20200	20200	20200	25000	25000	26597																		
46-49	19150	19150	25500	25500	25500	26597																				
42-45	25250	25250	26597																							
41-32	26597																									

all values in this area  
are 26,597

Register, August, 1983, No. 392  
Environmental Protection

(PREVIOUS DAY AVERAGE)  
(3 930) TEMPERATURE

TEMPERATURE (DEG F) (PREVIOUS DAY AVERAGE)

		JULY																TABLE 1-a (cont'd)									
		Flow Rate (CFS)																LBS PER DAY OF BOD <sub>5</sub>									
		(PREVIOUS FOUR DAY AVERAGE)																(river mile 40.0 to 32.4)									
750 or less	751 to 850	851 to 950	951 to 1050	1051 to 1150	1151 to 1250	1251 to 1350	1351 to 1450	1451 to 1550	1551 to 1650	1651 to 1750	1751 to 1850	1851 to 1950	1951 to 2050	2051 to 2150	2151 to 2250	2251 to 2350	2351 to 2450	2451 to 2550	2551 to 2650	2651 to 2750	2751 to 2850	2851 to 2950	2951 to 3500	3501 or more			
99 - 84																											
83																											
82	all values in this area																										
81	are 13,458																										
80																											
79																											
78																											
77																											
76																											
75																											
74																											
73																											
72																											
71																											
70																											
69																											
68																											
67																											
66																											
65																											
64																											
63																											
62																											
61																											
or less																											

all values in this area  
are 26,597



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

	AUGUST										TEMPERATURE (DEG F)														
	FLOW RATE (CFS)										PREVIOUS DAY AVERAGE														
	750	751	851	951	1051	1151	1251	1351	1451	1551	1651	1751	1851	1951	2051	2151	2251	2351	2451	2551	2651	2751	2851	2951	3501
or less	to 850	to 950	to 1050	to 1150	to 1250	to 1350	to 1450	to 1550	to 1650	to 1750	to 1850	to 1950	to 2050	to 2150	to 2250	to 2350	to 2450	to 2550	to 2650	to 2750	to 2850	to 2950	to 3500	or more	
99-84											13458	13566	14091	14607	15112	15609	16096	16573	17041	17500	17949	18388	19318	26597	
83											13458	13630	14150	14660	15161	15652	16131	16606	17069	17522	17966	18400	18925	19240	
82											13458	13680	14203	14708	15203	15689	16166	16633	17090	17538	17977	18406	18826	19236	19432
81	all values in this area are 13,458																								
80											13458	13786	14290	14784	15270	15745	16211	16668	17115	17553	17981	18400	18810	19209	19600
79											13458	13825	14324	14814	15294	15764	16225	16677	17119	17551	17975	18388	18792	19187	19572
78											13458	13859	14353	14837	15312	15777	16233	16679	17116	17544	17962	18370	18769	19159	19539
77											13458	13887	14375	14854	15324	15784	16235	16676	17108	17530	17943	18346	18740	19124	19499
76											13458	13908	14392	14866	15330	15785	16231	16667	17093	17510	17918	18316	18705	19084	19453
75											13458	13924	14402	14871	15330	15780	16220	16651	17073	17485	17887	18280	18663	19037	19402
74	13458	13458	13934	14407	14870	14324	15769	16204	16630	17046	17453	17850	18238	18616	18985	19344	19694	20034	20365	20686	20998	21301	21594	21877	
73	13460	13937	14405	14864	15313	15752	16182	16602	17013	17415	17807	18189	18563	18926	19280	19625	19960	20286	20602	20909	21205	21494	21772	22041	
72	13935	14398	14851	15295	15729	16154	16569	16975	17371	17758	18135	18503	18862	19211	19550	19880	20200	20512	20813	21105	21389	21661	21924	22179	
71	14384	14832	15271	15700	16119	16529	16930	17321	17703	18075	18438	18791	19135	19469	19794	20109	20415	20711	20998	21276	21544	21802	22051	26597	
70	14807	15241	15665	16079	16484	16879	17265	17642	18009	18366	18714	19053	19392	19702	20012	20313	20604	20885	21158	21420	21674	21917	22152		
69	15205	15623	16033	16432	16823	17203	17575	17937	18289	18632	18965	19289	19604	19909	20204	20490	20767	21034	21291	21539	21778	22007	22227		
68	15576	15980	16375	16760	17136	17502	17858	18206	18543	18871	19190	19499	19799	20090	20370	20642	20904	21156	21399	21632	21856	22071	22276		
67	15922	16311	16691	17062	17423	17774	18116	18449	18772	19085	19389	19684	19969	20245	20511	20767	21051	21252	21481	21699	21909	22109	22299		
66	16242	16616	16982	17337	17684	18021	18348	18666	18974	19273	19562	19842	20113	20374	20625	20867	21100	21323	26597						
65	16536	16896	17246	17587	17919	18241	18554	18857	19151	19435	19710	19975	20231	20477	20714	20941	26597								
64	16804	17149	17485	17811	18128	18436	18734	19023	19302	19571	19831	20082	20323	20555	20777	20990									
63	17046	17377	17698	18010	18312	18605	18888	19162	19427	19681	19927	20163	20389	20606	20814	21012									
62	17262	17578	17885	18182	18470	18748	19017	19276	19526	19766	19997	20218	20430	20632	20825	21009									
61	17453	17754	18046	18329	18602	18865	19119	19364	19599	19825	20041	20247	20445	20632	20810	20979									
or less																									

all values in this area are 26,597

Register, August, 1983, No. 332  
Environmental Protection

TABLE I-a (cont'd)  
 LBS PER DAY OF 800s  
 (river mile 40.0 to 32.4)

	SEPTEMBER (PREVIOUS FOUR DAY AVERAGE)																TABLE I-a (cont'd) LBS PER DAY OF 800s (river mile 40.0 to 32.4)																				
	Flow Rate (CFS)																																				
	750 or less	751 to 850	851 to 950	951 to 1050	1051 to 1150	1151 to 1250	1251 to 1350	1351 to 1450	1451 to 1550	1551 to 1650	1651 to 1750	1751 to 1850	1851 to 1950	1951 to 2050	2051 to 2150	2151 to 2250	2251 to 2350	2351 to 2450	2451 to 2550	2551 to 2650	2651 to 2750	2751 to 2850	2851 to 2950	2951 to 3000	3501 or more												
99-84																	13458	13873	14433	15020	15633	16273	16940	17633	26597												
83																13458	13458	13947	14483	15046	15635	16251	16894	17563	18258												
82			all values in this area are 13,458																13458	13537	14023	14535	15074	15639	16231	16848	17425	18163	18864								
81																13458	13639	14100	14589	15103	15645	16213	16807	17428	18076	18750	19451										
80																13458	13458	13743	14180	14644	15135	15652	16196	16767	17364	17987	18632	19344	20017								
79																13458	13462	13849	14262	14702	15169	15662	16182	16728	17301	17900	18527	19179	19858	20564							
78																13458	13593	13956	14346	14762	15204	15673	16169	16691	17240	17816	18418	19046	19701	20383	21081						
77																13458	13458	13727	14066	14431	14823	15242	15687	16159	16657	17182	17733	18311	18915	19547	20204	20889	21599				
76																13458	13458	13575	13863	14177	14519	14887	15281	15702	16150	16624	17125	17652	18206	18786	19394	20027	20687	21374	22087		
75																13458	13458	13499	13736	14000	14291	14608	14925	15233	15720	16143	16593	17070	17573	18103	18659	19242	19852	20488	21151	21840	22556
74	13458	13458	13499	13686	13900	14140	14406	14700	15019	15366	15739	16138	16564	17017	17496	18002	18534	19093	19679	20291	20929	21595	22286	23005													
73	13577	13713	13876	14065	14281	14524	14793	15089	15411	15760	16135	16537	16966	17421	17903	18411	18946	19507	20096	20710	21351	22019	22713	23434													
72	13928	14067	14233	14425	14643	14888	15160	15458	15783	16134	16512	16917	17348	17806	18290	18801	19338	19902	20493	21110	21753	22424	23120	23844													
71	14261	14402	14570	14764	14986	15233	15507	15808	16135	16489	16870	17277	17710	18171	18657	19171	19711	20277	20870	21490	22136	22809	23508	24234													
70	14573	14717	14888	15085	15308	15558	15835	16138	16468	16825	17208	17617	18053	18516	19006	19521	20064	20633	21228	21850	22499	23174	23878	24604													
69	14866	15013	15186	15385	15611	15864	16143	16449	16781	17140	17526	17938	18377	18842	19334	19852	20397	20968	21566	22191	22842	23520	24224	26597													
68	15140	15289	15464	15666	15895	16150	16432	16840	17075	17436	17824	18239	18680	19148	19642	20163	20711	21285	21885	22512	23166	23846	24553														
67	15394	15545	15723	15928	16159	16416	16701	17011	17349	17713	18103	18520	18964	19434	19931	20455	21005	21581	22184	22814	23470	24153	24862														
66	15628	15782	15962	16169	16403	16663	16950	17263	17603	17970	18363	18782	19229	19701	20201	20727	21279	21858	22464	23096	23755	24440	25152														
65	15842	15999	16182	16391	16628	16890	17180	17495	17838	18207	18602	19025	19473	19949	20450	20979																					
64	16037	16196	16382	16594	16833	17098	17390	17708	18053	18425	18823	19247	19699	20176	20681	21212																					
63	16213	16374	16562	16777	17018	17286	17580	17901	18249	18623	19023	19450	19904	20384	20891	21425																					
62	16369	16533	16723	16940	17184	17454	17753	18074	18424	18801	19204	19634	20090	20573	21082	21618																					
61	16505	16671	16864	17084	17330	17603	17902	18228	18581	18960	19365	19798	20256	20742	21254	21792																					
58-60	16621	16790	16986	17208	17457	17732	18034	18362	18717	19099	19507	19942	20403	20891	21405	21946																					
54-57	16750	16750	16250	16250	16250	17800	17800	22100	22100	22100	22100	26597																									
50-53	15700	15700	17300	17300	17300	21800	21800	26597																													
46-49	16500	16500	22350	22350	22350	26597																															
42-45	21550	21550	26597																																		
32-41	26597																																				

TEMPERATURE (DEG F) (PREVIOUS DAY AVERAGE)

Register, August, 1983, No. 332  
 Environmental Protection

all values in this area  
are 26,597

TABLE 1-a (cont'd)  
LBS PER DAY OF BOD<sub>5</sub>  
(river mile 40.0 to 32.4)

	OCTOBER (PREVIOUS FOUR DAY AVERAGE)																									
	Flow Rate (CFS)																									
	750	751	851	951	1051	1151	1251	1351	1451	1551	1651	1751	1851	1951	2051	2151	2251	2351	2451	2551	2651	2751	2851	2951	3501	
	or	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	or	
	less	850	950	1050	1150	1250	1350	1450	1550	1650	1750	1850	1950	2050	2150	2250	2350	2450	2550	2650	2750	2850	2950	3500	more	
99-84																										
83																				13458	13458	13999	14671	15385	26597	
82																				13458	13462	14069	14719	15410	16145	
81																				13458	13551	14136	14763	15432	16144	
80	all values in this area are 13,458																									
79																				13458	13717	14257	14839	15463		
78																				13458	13794	14311	14871	15473		
77																				13458	13867	14362	14899	15479		
76																				13458	13506	13937	14409	14924		
75																				13458	13594	14002	14452	14945		
74																				13458	13678	14063	14491	14961		
73																				13458	13758	14121	14526	14974		
72																				13458	13536	13834	14175	14558		
71																				13458	13631	13907	14225	14585		
70																				13458	13511	13722	13975	14271		
69	13458	13458	13474	13621	13809	14040	14313	14629	14987	15388	15831	16316	16844	17415	18028	18683	19381	20121	20904	21729	22597	23507	24460			
68	13521	13602	13726	13892	14100	14351	14644	14980	15359	15779	16242	16748	17296	17887	18520	19195	19913	20673	21476	22322	23209	24139	25112	26597		
67	13726	13827	13971	14157	14385	14656	14970	15326	15724	16165	16648	17174	17742	18353	19006	19701	20439	21220	22042	22908	23816	24766	25758			
66	13925	14046	14210	14416	14664	14956	15289	15665	16083	16544	17048	17593	18182	18812	19485	20201	20959	21759	22602	23488	24416	25386	26399			
65	14117	14259	14442	14669	14937	15248	15602	15998	16436	16917	17441	18002	18615	19266	19959	20694	21472	22293	23156	24061	25009	26000				
64	14304	14465	14669	14915	15204	15535	15909	16325	16783	17284	17828	18414	19042	19713	20426	21182	21980	22820	23704	24629	25597					
63	14484	14665	14889	15156	15464	15816	16209	16645	17124	17645	18209	18814	19463	20154	20887	21663	22481	23342	26597							
62	14658	14859	15103	15390	15719	16090	16504	16960	17458	18000	18583	19209	19878	20588	21342	22138	22976	23857								
61	14826	15047	15311	15618	15967	16358	16792	17268	17787	18348	18951	19598	20286	21017	21790	22606	26597									
58-60	14987	15229	15513	15839	16208	16620	17074	17570	18109	18690	19314	19980	20688	21439	22233	23069										
54-57	15700	15700	14650	14650	14650	15950	15950	19950	19950	19950	19950															
50-53	14100	14100	15450	15450	15450	19400	19400	26597																		
46-49	14100	14100	19400	19400	19400	26597																				
42-45	18100	18100	26597																							
32-41	26597																									

(PREVIOUS DAY AVERAGE)

TEMPERATURE (DEG F)

Register, August, 1983, No. 382  
Environmental Protection

all values in this area are 26,597



TABLE 1-b (cont'd)  
LBS PER DAY OF 800s  
(river mile 32.4 to 19.2)

	JULY PREVIOUS FOUR DAY AVERAGE																				Flow Rate (CFS)				
	750 or less	751 to 850	851 to 950	951 to 1050	1051 to 1150	1151 to 1250	1251 to 1350	1351 to 1450	1451 to 1550	1551 to 1650	1651 to 1750	1751 to 1850	1851 to 1950	1951 to 2050	2051 to 2150	2151 to 2250	2251 to 2350	2351 to 2450	2451 to 2550	2551 to 2650		2651 to 2750	2751 to 2850	2851 to 2950	2951 to 3500
99-84	17175	17175	17175	17175	24272	24676	25115	25587	26094	26536	27212	27322	28457	29146	29860	30508	31391	32208	33059	33945	34865	35819	36806	37832	50514
83	17175	17175	17175	17175	23982	24460	24972	25519	26100	26715	27365	28049	28768	29521	30309	31131	31987	32878	33803	34763	35757	36786	37849	38946	
82	17175	17175	17175	17175	23738	24290	24876	25497	26152	26841	27565	28323	29116	29943	30805	31701	32631	33596	34595	35629	36697	37799	38936	40107	
81	21383	21871	22393	22950	23541	24167	24827	25521	26250	27014	27812	28644	29510	30411	31347	32317	33321	34360	35433	36541	37683	38859	40070	41315	
80	20932	21499	22095	22726	23391	24091	24825	25593	26396	27233	28105	29011	29952	30927	31936	32980	34058	35171	36318	37499	38715	39966	41250	42570	
79	20537	21173	21844	22548	23287	24061	24869	25711	26588	27499	28445	29425	30440	31489	32572	33690	34842	36029	37250	38505	39795	41119	42478	43871	
78	20185	20895	21639	22418	23231	24078	24960	25876	26827	27812	28832	29886	30974	32097	33255	34446	35672	36933	38228	39557	40921	42319	43752	45219	
77	19879	20663	21481	22334	23221	24142	25098	26088	27113	28172	29266	30394	31556	32753	33984	35250	36550	37884	39253	40656	42094	43566	45073	46614	
76	19620	20478	21370	22297	23258	24253	25283	26347	27446	28579	29746	30948	32184	33455	34760	36100	37474	38882	40325	41802	43314	44860	46441	48055	
75	19408	20340	21306	22306	23341	24410	25514	26652	27825	29032	30273	31549	32859	34204	35583	36997	38444	39927	41444	42995	44580	46200	47855	49544	
74	19242	20248	21288	22362	23471	24614	25792	27004	28251	29532	30847	32197	33581	35000	36453	37940	39462	41018	42609	44244	45894	47588	49316	50514	
73	19124	20203	21317	22465	23648	24865	26117	27403	28724	30078	31468	32891	34349	35842	37369	38930	40526	42156	43821	45520	47254	49022	50514		
72	19052	20205	21393	22615	23872	25163	26489	27849	29243	30672	32135	33633	35165	36731	38332	39967	41637	43341	45080	46853	48660	50502	50514		
71	19026	20254	21516	22812	24142	25507	26907	28341	29809	31312	32849	34421	36027	37667	39342	41051	42795	44573	46386	48232	50114	50514			
70	19048	20349	21685	23055	24460	25899	27372	28880	30422	31999	33610	35255	36935	38650	40399	42182	43999	45851	47738	49659	50514				
69	19116	20491	21901	23345	24824	26337	27884	29466	31082	32733	34418	36137	37891	39679	41502	43359	45251	47177	49137	50514					
68	19231	20680	22164	23682	25234	26821	28443	30098	31788	33513	35272	37065	38893	40755	42652	44583	46549	48548	50514						
67	19393	20916	22473	24065	25692	27353	29048	30778	32542	34340	36173	38040	39942	41878	43849	45854	47893	49967	50514						
66	19601	21198	22830	24496	26196	27931	29700	31504	33342	35214	37121	39052	41038	43048	45092	47171	49285	50514							
65	19856	21527	23233	24973	26747	28556	30399	32276	34188	36135	38115	40131	42180	44264	46383	48536	50514								
64	20158	21903	23683	25496	27345	29227	31144	33096	35082	37102	39157	41246	43369	45527	47720	49947	50514								
63	20507	22326	24179	26067	27989	29946	31937	33962	36022	38116	40245	42408	44605	46837	49104	50514									
62	20903	22795	24723	26684	28680	30711	32776	34875	37009	39177	41380	43617	45888	48194	50514										
61	21345	23312	24313	27348	29418	31523	33662	35835	38043	40285	42561	44872	47218	49597											

all values in this area  
are 50,514

(PREVIOUS DAY AVERAGE

TEMPERATURE (DEG F)

Register, August, 1983, No. 332  
Environmental Protection

TABLE 1-b (cont'd)  
LBS PER DAY OF BOD<sub>5</sub>  
(river mile 32.4 to 19.2)

	AUGUST (PREVIOUS FOUR DAY AVERAGE)																TABLE 1-b (cont'd) LBS PER DAY OF BOD <sub>5</sub> (river mile 32.4 to 19.2)									
	750 or less	751 to 850	851 to 950	951 to 1050	1051 to 1150	1151 to 1250	1251 to 1350	1351 to 1450	1451 to 1550	1551 to 1650	1651 to 1750	1751 to 1850	1851 to 1950	1951 to 2050	2051 to 2150	2151 to 2250	2251 to 2350	2351 to 2450	2451 to 2550	2551 to 2650	2651 to 2750	2751 to 2850	2851 to 2950	2951 to 3500	3501 or more	
99-84	17175	17175	17175	17175	21732	22204	22699	23219	23764	24332	24925	25542	26183	26849	27539	28253	28991	29754	30541	31352	32187	33047	33931	34039	50514	
83	17175	17175	17175	17175	21468	22008	22572	23160	23772	24409	25070	25755	26464	27198	27956	28738	29544	30375	31230	32109	33012	33940	34892	35868		
82	17175	17175	17175	17175	21250	21858	22490	23146	23826	24531	25260	26013	26790	27592	28418	29268	30142	31041	31964	32911	33883	34878	35898	36942		
81	18617	19196	19799	20426	21077	21753	22453	23177	23925	24698	25495	26316	27162	28031	28925	29843	30786	31753	32744	33759	34798	35862	36950	38062		
80	18218	18864	19535	20230	20950	21693	22461	23254	24070	24911	25776	26665	27578	28516	29478	30464	31475	32510	33569	34652	35760	36891	38047	39228		
79	17863	18578	19317	20080	20868	21679	22515	23376	24260	25169	26102	27059	28041	29046	30076	31131	32209	33312	34439	35590	36766	37966	39190	40438		
78	17554	18337	19144	19975	20831	21711	22615	23543	24496	25472	26473	27499	28548	29622	30720	31842	32989	34160	35355	36574	37818	39086	40378	41694		
77	17291	18142	19017	19916	20840	21787	22759	23756	24776	25821	26890	27984	29101	30243	31409	32600	33814	35053	36316	37604	38915	40251	41611	42996		
76	17073	17992	18935	19902	20894	21909	22950	24014	25103	26215	27353	28514	29700	30909	32144	33402	34685	35992	37323	38678	40058	41462	42890	44343		
75	16900	17887	18898	19933	20993	22077	23185	24317	25474	26655	27860	29090	30343	31621	32923	34250	35601	36976	38375	39798	41246	42718	44214	45735		
74	16773	17827	18907	20010	21138	22290	23466	24666	25891	27140	28413	29711	31032	32378	33749	35143	36562	38005	39472	40964	42480	44020	45584	47172		
73	16691	17814	18961	20132	21328	22548	23792	25061	26353	27670	29012	30377	31767	33181	34619	36082	37569	39080	40615	42175	43758	45367	46999	48655		
72	16654	17845	19060	20300	21563	22851	24164	25500	26861	28246	29655	31089	32547	34029	35535	37066	38621	40200	41803	43431	45083	46759	48459	50184		
71	16663	17922	19205	20513	21844	23200	24581	25985	27414	28867	30345	31846	33372	34922	36497	38095	39718	41365	43037	44732	46452	48196	49965	50514		
70	16717	18044	19395	20771	22171	23595	25043	26516	28013	29534	31079	32649	34243	35861	37503	39170	40861	42576	44316	46079	47867	49679	50514			
69	16816	18211	19631	21074	22542	24035	25551	27092	28657	30246	31859	33497	35159	36845	38555	40290	42049	43832	45640	47472	49328	50514				
68	16961	18424	19912	21424	22959	24520	26104	27713	29346	31003	32684	34390	36120	37874	39653	41456	43283	45134	47010	48909	50514					
67	17152	18683	20238	21818	23422	25050	26703	28379	30080	31806	33555	35329	37127	38949	40796	42667	44562	46481	48425	50392						
66	17387	18986	20610	22258	23930	25626	27347	29091	30860	32654	34471	36313	38179	40069	41984	43923	45886	47873	49885	50514						
65	17668	19336	21027	22743	24483	26247	28036	29849	31686	33547	35433	37343	39277	41235	43218	45225	47256	49311	50514							
64	17995	19730	21490	23273	25082	26914	28771	30651	32557	34486	36440	38417	40420	42446	44497	46572	48671	50514								
63	18367	20170	21998	23849	25726	27626	29551	31500	33473	35470	37492	39538	41608	43702	45821	47964	50131									
62	18784	20655	22551	24471	26415	28383	30376	32393	34434	36500	38589	40701	42842	45004	47191	49402	50514									
61	19246	21186	23149	25137	27150	29186	31247	33332	35441	37575	39732	41914	44121	46351	48606	50514										

all values in this area are 50,514

(PREVIOUS DAY AVERAGE)

(TEMPERATURE (DEG F))

Register, August, 1988, No. 832  
Environmental Protection

TABLE 1-b (cont'd)  
LBS PER DAY OF BOD<sub>5</sub>  
(river mile 32.4 to 18.2)

	SEPTEMBER (PREVIOUS FOUR DAY AVERAGE)																TABLE 1-b (cont'd) LBS PER DAY OF BOD <sub>5</sub> (river mile 32.4 to 18.2)																							
	Flow Rate (CFS)																750	751	851	951	1051	1151	1251	1351	1451	1551	1651	1751	1851	1951	2051	2151	2251	2351	2451	2551	2651	2751	2851	2951
	or less	to 850	to 950	to 1050	to 1150	to 1250	to 1350	to 1450	to 1550	to 1650	to 1750	to 1850	to 1950	to 2050	to 2150	to 2250	to 2350	to 2450	to 2550	to 2650	to 2750	to 2850	to 2950	to 3500	or more															
99-84				17175	18641	19168	19720	20295	20894	21517	22163	22833	23527	24245	24987	25752	26541	27354	28191	29051	29935	30843	31775	32730	50514															
83				17175	18393	18987	19605	20246	20912	21601	22314	23050	23811	24595	25403	26235	27090	27970	28873	29799	30750	31724	32722	33744																
82				17175	18192	18852	19537	20245	20976	21732	22511	23314	24141	24992	25866	26764	27686	28632	29601	30595	31612	32652	33717	34805																
81				17175	18038	18765	19515	20290	21088	21910	22756	23625	24518	25435	26376	27341	28329	29341	30377	31437	32520	33627	34758	35913																
80	all values in this area are 17,175			17175	17930	18724	19541	20382	21246	22135	23047	23983	24942	25926	26933	27964	29019	30097	31199	32325	33475	34649	35846	37067																
79				17175	17870	18729	19613	20520	21451	22406	23385	24387	25413	26463	27537	28634	29755	30900	32069	33261	34477	35717	36981	38268																
78				17175	17856	18782	19732	20706	21703	22724	23769	24838	25931	27047	28187	29351	30538	31750	32985	34244	35526	36833	38163	39517																
77				17175	17889	18881	19898	20938	22002	23089	24201	25336	26495	27678	28884	30114	31368	32646	33947	35273	36622	37995	39391	40811																
76				17175	17968	19027	20110	21217	22347	23501	24679	25881	27106	28355	29628	30925	32245	33589	34957	36349	37764	39203	40666	42153																
75				17175	18095	19220	20370	21543	22739	23960	25204	26472	27764	29079	30419	31782	33168	34579	36013	37471	38953	40459	41988	43541																
74				17175	18268	19460	20676	21915	23178	24465	25776	27110	28468	29850	31256	32686	34139	35616	37116	38641	40189	41761	43357	44977																
73		17175	17254	18488	19747	21029	22334	23664	25017	26394	27795	29220	30668	32140	33636	35156	36699	38266	39857	41472	43110	44773	46459																	
72		17175	17454	18755	20080	21428	22801	24197	25616	27060	28527	30018	31533	33071	34634	36220	37829	39463	41120	42802	44506	46235	47987																	
71		17175	17702	19069	20460	21875	23313	24776	26262	27772	29306	30863	32444	34049	35678	37330	39007	40707	42430	44178	45949	47744	49563																	
70		17175	17996	19429	20887	22368	23873	25402	26955	28531	30131	31755	33402	35074	36769	38488	40230	41997	43787	45601	47439	49300	50514																	
69		17175	18336	19837	21361	22908	24480	26075	27694	29337	31003	32693	34407	36145	37907	39692	41501	43334	45190	47071	48975	50514																		
68		17175	17181	18724	20291	21881	23495	25133	26795	28480	30189	31922	33679	35459	37263	39091	40943	42818	44718	46641	48588	50514																		
67		17175	17549	19158	20791	22448	24129	25833	27561	29313	31088	32888	34711	36558	38428	40323	42241	44183	46148	48138	50151	50514																		
66		17175	17964	19640	21339	23062	24809	26580	28374	30193	32035	33900	35790	37703	39640	41601	43585	45594	47626	49682	50514																			
65		17175	18426	20168	21933	23723	25536	27373	29234	31119	33027	34960	36915	38895	40899	42926	44977	47052	49150	50514																				
64		17175	18934	20742	22575	24431	26310	28214	30140	32092	34067	36066	38088	40134	42204	44298	46415	48566	50514																					
63	17175	17638	19489	21364	23263	25185	27131	29101	31095	33112	35154	37219	39307	41420	43556	45716	47900	50107	50514																					
62	17175	18173	20091	22032	23997	25986	27991	30035	32095	34179	36287	38418	40573	42752	44955	47181	49432	50514																						
61	17175	18756	20740	22747	24779	26834	28913	31016	33142	35293	37467	39665	41886	44132	46401	48694	50514																							
58-60	17175	18385	21435	23509	25607	27729	29874	32043	34236	36453	38694	40958	43246	45558	47893	50252	50514																							
54-57	19200	19200	26250	26250	26250	33350	33350	42950	42950	42950	42950	50514																												
50-53	23750	23750	32850	32850	32850	42950	42950	50514																																
46-49	30800	30800	43950	43950	43950	50514																																		
42-45	42900	42900	50514																																					
32-41	50514																																							

(PREVIOUS DAY AVERAGE)  
(TEMPERATURE (DEG F))

Register, August, 1983, No. 332  
Environmental Protection

TABLE 1-b (cont'd)  
LBS PER DAY OF BOD<sub>5</sub>  
(river mile 32.4 to 19.2)

	OCTOBER (PREVIOUS FOUR DAY AVERAGE)																											
	Flow Rate (CFS)																											
	750 or less	751 to 850	851 to 950	951 to 1050	1051 to 1150	1151 to 1250	1251 to 1350	1351 to 1450	1451 to 1550	1551 to 1650	1651 to 1750	1751 to 1850	1851 to 1950	1951 to 2050	2051 to 2150	2151 to 2250	2251 to 2350	2351 to 2450	2451 to 2550	2551 to 2650	2651 to 2750	2751 to 2850	2851 to 2950	2951 to 3050	3501 or more			
99-84								17602	18184	18795	19436	20105	20804	21532	22289	23076	23891	24736	25610	26513	27445	28407	29198	30417	50514			
83								17513	18163	18841	19548	20285	21051	21846	22670	23524	24407	25318	26259	27230	28229	29250	30315	31402				
82								17473	18189	18935	19710	20513	21346	22209	23100	24021	24970	25949	26957	27995	29061	30157	31282	32436				
81								17482	18265	19077	19919	20790	21690	22619	23578	24566	25582	26629	27704	28808	29942	31105	32297	33518				
80								17538	18389	19268	20177	21115	22082	23079	24104	25159	26243	27356	28499	29670	30871	32101	33360	34640				
79								17644	18561	19508	20484	21489	22523	23587	24679	25801	26952	28133	29342	30581	31848	33145	33472	35672				
78								17797	18782	19796	20839	21911	23012	24143	25303	26492	27710	28957	30234	31540	32875	34239	35632	37054				
77								18000	19051	20132	21242	22382	23550	24748	25975	27231	28516	29831	31174	32547	33949	35380	36841	38330				
76								17175	18250	19369	20517	21694	22901	24136	25401	26695	28018	29371	30752	32163	33603	35072	36570	38098	39655			
75								17393	18549	19715	20950	22195	23468	24771	26103	27464	28854	30274	31722	33200	34707	36244	37809	39404	41027			
74								17673	18897	20150	21432	22744	24084	25454	26853	28281	29739	31225	32741	34286	35860	37464	39095	40758	42449			
73								18002	19293	20613	21963	23341	24749	26186	27652	29147	30672	32226	33808	3542	37062	38732	40432	42161	43918			
72								17175	18380	19738	21125	22542	23987	25462	26966	28499	30062	31653	33274	34924	36603	38311	40049	41816	43612	45437		
71								17410	18806	20231	21685	23169	24682	26224	27795	29395	31025	32683	34371	36088	37834	39610	41414	43248	45111	47003		
70								17817	19280	20772	22294	23845	25425	27034	28672	30339	32036	33762	35517	37301	39114	40957	42828	44729	46659	48619		
69								17175	18273	19803	21363	22951	24569	26216	27892	29597	31332	33096	34889	36711	38562	40442	42352	44291	46259	48256	50282	
68								17209	18777	20375	22001	23657	25342	27056	28799	30571	32373	34204	36064	37953	39871	41819	43796	45802	47837	49901	50514	
67								17695	19330	20995	22688	24411	26163	27944	29755	31594	33463	35361	37288	39244	41230	43244	45288	47361	49463	50514		
66								18229	19931	21663	23424	25214	27033	28881	30758	32665	34601	36566	38560	40584	42636	44718	46829	48969	50514			
65								17175	18812	20581	22380	24208	26065	27951	29866	31811	33785	35788	37820	39881	41971	44091	46240	48418	50514			
64								17636	19443	21280	23145	25040	26964	28918	30900	32912	34953	37023	39122	41250	43408	45595	47811	50056	50514			
63								18248	20123	22025	23959	25921	27912	29933	31982	34061	36169	38306	40473	42668	44893	47147	49430	50514				
62								17175	18909	20851	22822	24822	26851	28901	30996	33113	35259	37434	39638	41872	44134	46426	48747	50514				
61								17639	19619	21628	23665	25732	27829	29954	32109	34292	36505	38748	41019	43319	45649	48008	50396	50514				
58-60								18330	20377	22453	24558	26692	28855	31048	33269	35520	37800	40109	42448	44816	47212	49638	50514					
54-57		17175	17175	22700	22700	22700	30300	30300	39400	39400	39400	39400	50514															
50-53		19700	19700	29300	29300	29300	38900	38900	50514																			
46-49		28750	26750	50514																								
42-45		37900	37900	50514																								
32-41		50514																										

all values in this area are 50,514

Register, August, 1983, No. 332  
Environmental Protection

(PREVIOUS DAY AVERAGE)

TEMPERATURE (DEG F)



Table 1-m  
LBS PER DAY OF ROD<sub>5</sub>  
(river mile 205.3 to 171.9)

Flow at Biron Dam (cfs)

Flow (cfs) Temp °	999 or less	1000- 1199	1200- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3999	4000 or more
MAY-JUNE								
69+	16961.	19179.	24169.	31932.	47088.	64400.	64400.	64400.
68-65	16961.	22013.	27619.	36861.	54543.	64400.	64400.	64400.
64-61	19857.	26079.	32918.	44131.	64400.	64400.	64400.	64400.
60-57	24354.	32302.	40804.	55713.	64400.	64400.	64400.	64400.
56-53	31378.	41789.	53803.	64400.	64400.	64400.	64400.	64400.
52-49	42590.	58054.	64400.	64400.	64400.	64400.	64400.	64400.
48-45	61720.	64400.	64400.	64400.	64400.	64400.	64400.	64400.
44 or less	64400.	64400.	64400.	64400.	64400.	64400.	64400.	64400.
JULY-AUGUST								
77+	16961.	16961.	16961.	18563.	27065.	37107.	49059.	64400.
76-73	16961.	16961.	16961.	21150.	31378.	44069.	58239.	64400.
72-69	16961.	16961.	17269.	23492.	36060.	50846.	64400.	64400.
68-65	16961.	16961.	21150.	28975.	44254.	63168.	64400.	64400.
64-61	16961.	20842.	26757.	36060.	56760.	64400.	64400.	64400.
60 or less	20042.	27127.	34704.	48197.	64400.	64400.	64400.	64400.
SEPTEMBER-OCTOBER								
73+	16961.	16961.	16961.	16961.	20842.	30577.	42098.	64400.
72-69	16961.	16961.	16961.	16961.	25032.	37292.	51154.	64400.
68-65	16961.	16961.	16961.	20103.	33041.	48320.	64400.	64400.
64-61	16961.	16961.	13685.	27188.	44007.	64400.	64400.	64400.
60-57	16961.	19117.	25833.	37292.	60838.	64400.	64400.	64400.
56-53	19856.	27373.	36738.	53372.	64400.	64400.	64400.	64400.
52-49	28297.	40619.	55159.	64400.	64400.	64400.	64400.	64400.
48-45	43860.	63383.	64400.	64400.	64400.	64400.	64400.	64400.
44 or less	64400.	64400.	64400.	64400.	64400.	64400.	64400.	64400.

TABLE 2-4  
LBS PER DAY OF BOD  
(river mile 27.1 to 28.5)  
Flow at Rothschild Dam (cfs)

Temp T	Flow cfs	980 or less	984- 1270	1221- 1470	1471- 1730	1731- 1990	1991- 2540	2541- 2831	2832- 3121	3122- 3410	3411- 3700	3701- 4250	4251- 4700	4701- 5250	5251- 5700	5701- 6310	6311- 6910	6911 or more
78 +	4841.	6455.	5798.	4822	5851.	6298.	6054.	5070.	4980.	5085.	5516.	6340.	6997.	8950.	11525.	13087.	13087.	13087.
74-77	5969.	6495.	7348.	5734.	5574.	6214.	5511.	5288.	5307.	5501.	6032.	6997.	8405.	10512.	13087.	13087.	13087.	13087.
70-73	5430.	5538.	5822.	5280.	6755.	6284.	6284.	6134.	6662.	7334.	8911.	11165.	13087.	13087.	13087.	13087.	13087.	13087.
66-69	5259.	6644.	6592.	7161.	6762.	6539.	6587.	6928.	7569.	8492.	9756.	11812.	13087.	13087.	13087.	13087.	13087.	13087.
62-65	6929.	7168.	7538.	7012.	6925.	6988.	7443.	8269.	9669.	11128.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.
58-61	3503.	7833.	7459.	7187.	7442.	7980.	9847.	11092.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.
57 or less	8292.	7700.	7452.	7988.	9081.	10916.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.
78 +	5658.	7326.	6378.	5490.	6329.	6742.	6430.	5773.	5908.	5714.	5954.	6424.	7388.	8700.	10447.	12506.	13087.	13087.
74-77	6779.	6936.	5834.	6611.	6933.	6459.	6188.	5977.	7190.	6307.	6849.	7816.	9405.	11531.	13087.	13087.	13087.	13087.
70-73	6081.	6866.	5961.	6838.	6824.	6745.	6449.	6482.	6861.	7495.	8309.	9638.	12097.	13087.	13087.	13087.	13087.	13087.
66-69	5756.	6807.	6918.	7609.	7179.	6985.	8318.	7537.	8184.	9220.	10487.	12597.	13087.	13087.	13087.	13087.	13087.	13087.
62-65	7361.	7432.	7781.	7453.	7268.	7512.	7957.	8896.	10222.	11882.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.
58-61	7218.	8163.	7633.	7589.	7922.	8698.	9990.	11700.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.
57 or less	3520.	7909.	7904.	6086.	9649.	11573.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.
78 +	4708.	4999.	4660.	4708.	4708.	6247.	5106.	4708.	4708.	4708.	4708.	4708.	4708.	5845.	7619.	9672.	12262.	13087.
74-77	4708.	5729.	4708.	4708.	4708.	5127.	4738.	4708.	4708.	4708.	4708.	4708.	4708.	5453.	6936.	8946.	13087.	13087.
70-73	5760.	5369.	5243.	4756.	5157.	5806.	4922.	4708.	4973.	5439.	6197.	7576.	9790.	12646.	13087.	13087.	13087.	13087.
66-69	4735.	5886.	5831.	6162.	6111.	5874.	5709.	5865.	6551.	7353.	8556.	10605.	13087.	13087.	13087.	13087.	13087.	13087.
62-65	6494.	6380.	6982.	6085.	6141.	6151.	6536.	7267.	8469.	10090.	12125.	13087.	13087.	13087.	13087.	13087.	13087.	13087.
58-61	6374.	7635.	6756.	6177.	6551.	7254.	8359.	10091.	12296.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.
57 or less	3008.	7224.	6859.	7116.	8147.	9906.	12407.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.
78 +	4708.	4708.	4708.	4708.	4708.	4708.	4708.	4708.	4708.	4708.	4708.	4708.	4708.	4966.	6619.	8691.	11299.	13087.
74-77	4708.	5160.	4708.	4708.	4708.	4708.	4708.	4708.	4708.	4708.	4708.	4708.	4708.	5983.	8039.	10351.	13087.	13087.
70-73	4708.	5517.	4851.	4708.	5460.	4708.	4708.	4708.	4708.	4799.	5481.	6316.	8927.	11799.	13087.	13087.	13087.	13087.
66-69	4708.	6365.	3511.	5882.	5346.	5192.	5429.	5907.	6836.	7936.	9940.	13087.	13087.	13087.	13087.	13087.	13087.	13087.
62-65	6173.	6300.	6855.	5732.	5668.	6762.	6024.	6797.	7974.	9473.	11900.	13087.	13087.	13087.	13087.	13087.	13087.	13087.
58-61	7049.	7034.	6299.	5796.	6220.	6802.	7901.	9542.	11718.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.
57 or less	7453.	6620.	6337.	6691.	7700.	9419.	11936.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.	13087.

TABLE 3.-m  
LBS PER DAY OF BOD  
(river mile 258.1 to 258.2)  
Flow at Rothschild Dam (cfs)

Flow cfs Temp °F	980 or less	981- 1220	1221- 1470	1471- 1730	1731- 1990	1991- 2260	2261- 2510	2511- 2630	2631- 3130	3131- 3130	3131- 3780	3781- 4230	4231- 4730	4731- 5250	5251- 5780	5781 or more
78 +	1299	1235	1284	1381	1433	1493	1561	1676	1794	1944	2106	2332	2630	2961	3375	3375
74-77	1189	1132	1237	1385	1492	1542	1578	1834	2008	2211	2425	2712	3098	3375	3375	3375
70-73	1192	1188	1300	1423	1486	1843	1823	2017	2244	2772	3375	3375	3375	3375	3375	3375
66-69	1141	1212	1288	1490	1647	1843	2075	2336	2621	2987	3375	3375	3375	3375	3375	3375
62-65	1164	1327	1486	1663	1898	2166	2477	2819	3184	3375	3375	3375	3375	3375	3375	3375
58-61	1308	1493	1702	1963	2315	2711	3103	3375	3375	3375	3375	3375	3375	3375	3375	3375
57 or less	1499	1748	2099	2510	2979	3498	3900	3375	3375	3375	3375	3375	3375	3375	3375	3375
MAY-JUNE																
78 +	1889	1377	1477	1565	1610	1679	1748	1878	1991	2151	2304	2528	2833	3146	3375	3375
74-77	1313	1340	1463	1553	1637	1735	1859	2024	2501	2893	2604	2699	3278	3375	3375	3375
70-73	1243	1304	1460	1583	1669	1800	1990	2191	2422	2673	2939	3221	3375	3375	3375	3375
66-69	1257	1358	1508	1643	1800	2004	2591	2784	3097	3375	3375	3375	3375	3375	3375	3375
62-65	1278	1464	1627	1811	2045	2317	2628	2967	3330	3375	3375	3375	3375	3375	3375	3375
58-61	1431	1622	1843	2126	2455	2837	3250	3375	3375	3375	3375	3375	3375	3375	3375	3375
57 or less	1616	1884	2236	2820	3121	3375	3375	3375	3375	3375	3375	3375	3375	3375	3375	3375
JULY-AUGUST																
78 +	1013	1013	1013	1013	1013	1013	1090	1212	1286	1329	1709	1953	2277	2635	3001	3375
74-77	1013	1013	1013	1013	1091	1129	1278	1453	1588	1861	2124	2401	2812	3233	3375	3375
70-73	1013	1013	1013	1084	1143	1274	1477	1685	1937	2201	2490	2865	3357	3375	3375	3375
66-69	1013	1013	1023	1180	1314	1528	1777	2061	2351	2684	3030	3375	3375	3375	3375	3375
62-65	1013	1013	1165	1381	1612	1898	2220	2579	2960	3352	3375	3375	3375	3375	3375	3375
58-61	1019	1343	1417	1729	2060	2449	2876	3333	3375	3375	3375	3375	3375	3375	3375	3375
57 or less	1161	1457	1823	2253	2738	3266	3375	3375	3375	3375	3375	3375	3375	3375	3375	3375
SEPTEMBER																
78 +	1013	1013	1013	1013	1013	1013	1013	1076	1223	1402	1572	1816	2181	2467	2846	3241
74-77	1013	1013	1013	1013	1013	1013	1130	1322	1516	1717	1938	2256	2653	3075	3375	3375
70-73	1013	1013	1013	1013	1163	1163	1353	1578	1809	2075	2357	2653	3217	3375	3375	3375
66-69	1013	1013	1013	1040	1207	1424	1669	1940	2236	2564	2904	3354	3375	3375	3375	3375
62-65	1013	1013	1057	1279	1513	1794	2122	2467	2842	3297	3375	3375	3375	3375	3375	3375
58-61	1013	1073	1321	1614	1955	2346	2767	3215	3375	3375	3375	3375	3375	3375	3375	3375
57 or less	1068	1362	1731	2158	2638	3166	3375	3375	3375	3375	3375	3375	3375	3375	3375	3375
OCTOBER																

TABLE L-1  
LBS PER DAY (OF BOD)  
(Cover mile 28.19 to 29.0)  
Flow at Rothschild Dam (cfs)

Temp °F	Flow cfs	980 or less	981- 1220	1221- 1470	1471- 1730	1731- 1990	1991- 2260	2261- 2530	2531- 3130	3131- 3730	3731- 4230	4231- 4730	4731- 5230	5231- 5730	5731- 6310	6311- 6910 or more
78 +		4186	3981	4115	4563	4805	5079	5395	5924	6470	7160	7909	8948	10296	11849	13494
74-77		3675	3330	3901	4520	5076	5305	5833	6361	7455	8290	9381	10701	12842	14362	16530
70-73		3414	3073	4132	4764	5046	5691	6234	7487	8566	9734	10980	12639	14388	17314	17314
66-69		3436	3093	4433	5066	5791	6656	7486	8969	10282	11739	13277	15325	17314	17314	17314
62-65		3361	4316	5050	5392	6927	8182	9619	11197	12381	14631	16899	17314	17314	17314	17314
58-61		4227	5083	6080	7342	8870	10698	12505	14537	16818	17314	17314	17314	17314	17314	17314
57 or less		5108	6255	7876	9772	11933	14304	16942	17314	17314	17314	17314	17314	17314	17314	17314
MAY-JUNE																
78 +		4601	4546	4867	5413	5621	5936	6256	6856	7375	8113	8820	9552	11261	12712	14354
74-77		4251	4372	4943	5356	5743	6197	6768	7530	8301	9363	10232	11749	13049	15615	17314
70-73		3929	4210	4930	5386	5891	6495	7374	8301	9363	10522	11749	13049	15615	17314	17314
66-69		3900	4456	5149	6497	7438	8890	10146	9720	11036	12480	13980	16021	17314	17314	17314
62-65		4089	4946	5686	6530	7625	8890	10314	11880	13553	15340	17314	17314	17314	17314	17314
58-61		4795	5677	6693	8000	9517	11277	13186	15217	17314	17314	17314	17314	17314	17314	17314
57 or less		5647	6885	8503	11199	12587	14964	17314	17314	17314	17314	17314	17314	17314	17314	17314
JULY-AUGUST																
78 +		2865	2865	2865	2865	2865	2865	3222	3796	4124	5247	6074	7203	8696	10348	12035
74-77		2865	2865	2865	2865	2865	3001	4088	4894	5840	6779	7939	9566	11163	13105	15561
70-73		2865	2865	2865	3134	3467	4071	5006	6012	7126	8344	9677	11406	13680	16079	17314
66-69		2865	2865	2911	3343	4254	5247	6390	7700	9040	10373	12168	14234	17314	17314	17314
62-65		2865	2865	3587	4563	5623	6946	8435	10090	11845	13856	15815	17314	17314	17314	17314
58-61		2894	4388	4703	6170	7695	9438	11549	13568	15754	17314	17314	17314	17314	17314	17314
57 or less		3550	4915	6603	8587	10822	13258	15846	17314	17314	17314	17314	17314	17314	17314	17314
SEPTEMBER																
78 +		2865	2865	2865	2865	2865	2865	2865	3156	3834	4663	5444	6571	8025	9672	11320
74-77		2865	2865	2865	2865	2865	2865	3404	4290	5186	6113	7133	8600	10432	12377	14562
70-73		2865	2865	2865	2865	2865	3559	4483	5471	6539	7765	9065	10811	13031	15438	17314
66-69		2865	2865	2865	2992	3763	4763	5890	7281	8818	10621	11590	13666	16355	17314	17314
62-65		2865	2865	3039	4094	5174	6471	7981	9571	11301	13126	15072	17314	17314	17314	17314
58-61		2865	3144	4286	5716	7211	9013	10956	13024	15241	17314	17314	17314	17314	17314	17314
57 or less		3112	4481	6177	8147	10359	12796	15882	17314	17314	17314	17314	17314	17314	17314	17314
OCTOBER																
78 +		2865	2865	2865	2865	2865	2865	2865	3156	3834	4663	5444	6571	8025	9672	11320
74-77		2865	2865	2865	2865	2865	2865	3404	4290	5186	6113	7133	8600	10432	12377	14562
70-73		2865	2865	2865	2865	2865	3559	4483	5471	6539	7765	9065	10811	13031	15438	17314
66-69		2865	2865	2865	2992	3763	4763	5890	7281	8818	10621	11590	13666	16355	17314	17314
62-65		2865	2865	3039	4094	5174	6471	7981	9571	11301	13126	15072	17314	17314	17314	17314
58-61		2865	3144	4286	5716	7211	9013	10956	13024	15241	17314	17314	17314	17314	17314	17314
57 or less		3112	4481	6177	8147	10359	12796	15882	17314	17314	17314	17314	17314	17314	17314	17314

TABLE 5-m  
LBS PER DAY OF BOD  
(river mile 248.9 to 255.1)  
Flow at Rothschild Dam (cfs)

Temp F	980 or less	1221 1170	1171 1730	1751 1980	1991 2260	2261 2510	2511 2830	2831 3130	3131 3430	3431 3780	3781 4270	4271 4730	4731 5250	5251 5750	5751 6240	6241 6810	6811 6910
78 .	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531
74-77	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531
70-73	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531
66-69	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531
62-65	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531
58-61	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531
57 or less	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531
MAY-JUNE																	
78 .	1250	6531	6116	1152	3191	2813	2981	3210	3161	3782	1086	5189	5761	6172	6531	6531	6531
74-77	6531	6531	1973	3165	2760	2656	3202	3530	1774	1261	4883	4024	6531	6531	6531	6531	6531
70-73	6531	6531	3582	1021	3010	2821	3103	3863	1821	1820	3310	6531	6531	6531	6531	6531	6531
66-69	6312	1738	3315	2753	3085	3191	1658	1171	5012	5691	6211	6531	6531	6531	6531	6531	6531
62-65	5326	3110	3710	3090	3571	1112	1731	5103	6127	6531	6531	6531	6531	6531	6531	6531	6531
58-61	3038	2732	3170	3733	1387	5116	5069	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531
57 or less	2713	3232	3052	3122	5710	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531
JULY-AUGUST																	
78 .	1108	3918	3316	2316	2070	1440	1673	1916	2062	2516	2403	3930	1032	5172	6265	6531	6531
74-77	3970	3510	2172	2045	1671	1751	2017	2391	2302	3207	3728	5097	5097	6531	6531	6531	6531
70-73	3088	2727	1610	1665	1778	2031	2112	2876	3336	3881	4156	6181	6531	6531	6531	6531	6531
66-69	3129	2181	1881	1812	2118	2516	3039	3601	1181	1813	4530	6129	6531	6531	6531	6531	6531
62-65	2733	1887	1822	2252	2710	3273	3929	1631	5891	6171	6531	6531	6531	6531	6531	6531	6531
58-61	1730	2176	2923	2911	3401	1371	3221	6133	6531	6531	6531	6531	6531	6531	6531	6531	6531
57 or less	1815	2103	3131	3986	1950	6000	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531
SEPTEMBER																	
78 .	1610	1610	1610	1610	1610	1610	1610	1616	1937	2291	2631	3117	3711	5161	5959	6531	6531
74-77	1610	1610	1610	1610	1610	1610	1732	2131	2520	2920	3259	3991	4781	5620	6531	6531	6531
70-73	1610	1610	1610	1610	1610	1610	2195	2613	3103	3632	4102	4915	5902	6531	6531	6531	6531
66-69	1610	1610	1610	1610	1610	1610	2821	3363	3956	4601	5281	6153	6531	6531	6531	6531	6531
62-65	1610	1610	1610	1610	1610	1610	3735	4316	5156	5913	6531	6531	6531	6531	6531	6531	6531
58-61	1610	1610	2182	2719	3393	4170	5007	5999	6531	6531	6531	6531	6531	6531	6531	6531	6531
57 or less	1610	2216	2917	3796	4750	5800	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531
OCTOBER																	
78 .	1610	1610	1610	1610	1610	1610	1610	1616	1937	2291	2631	3117	3711	5161	5959	6531	6531
74-77	1610	1610	1610	1610	1610	1610	1732	2131	2520	2920	3259	3991	4781	5620	6531	6531	6531
70-73	1610	1610	1610	1610	1610	1610	2195	2613	3103	3632	4102	4915	5902	6531	6531	6531	6531
66-69	1610	1610	1610	1610	1610	1610	2821	3363	3956	4601	5281	6153	6531	6531	6531	6531	6531
62-65	1610	1610	1610	1610	1610	1610	3735	4316	5156	5913	6531	6531	6531	6531	6531	6531	6531
58-61	1610	1610	2182	2719	3393	4170	5007	5999	6531	6531	6531	6531	6531	6531	6531	6531	6531
57 or less	1610	2216	2917	3796	4750	5800	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531	6531

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TABLE 4-m  
LBS PER DAY OF BOD  
(Flow at Whirlpool Rapids, rfs)

Flow Temp F	390 or less	391- 520	521- 650	651- 750	751- 910	911- 1010	1011- 1300	1301- 1550	1551- 1820	1821- 2080	2081- 2330	2331- 2600	2601 or more
78 -	957	957	1304	2078	3014	3929	5096	6017	5734	6011	6937	8223	9116
74-77	957	957	1796	2780	3893	5140	6861	6917	6819	7822	9116	9116	9116
70-73	957	1251	2325	3573	4986	6573	7138	6391	8332	9116	9116	9116	9116
66-69	957	1896	3218	4719	6300	7831	8897	9116	9116	9116	9116	9116	9116
62-65	1285	2689	4318	6249	8095	9933	9013	9116	9116	9116	9116	9116	9116
58-61	1940	3756	5653	8057	9651	9116	9116	9116	9116	9116	9116	9116	9116
54-57	2881	5393	8132	9652	9116	9116	9116	9116	9116	9116	9116	9116	9116
50-53	3303	7931	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116
46-49	4891	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116
43 or less	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116
78 -	957	1185	1759	2407	3115	3984	5378	6655	4186	6755	7621	8808	9116
74-77	957	1113	2131	3017	3884	5087	6910	7017	7375	8950	9116	9116	9116
70-73	957	1650	2607	3710	4968	6381	7590	7791	8821	9116	9116	9116	9116
66-69	1185	2215	3409	4795	6372	7986	8786	9116	9116	9116	9116	9116	9116
62-65	1650	2935	4158	6211	8277	8511	9116	9116	9116	9116	9116	9116	9116
58-61	2270	3938	5971	8378	8915	9116	9116	9116	9116	9116	9116	9116	9116
54-57 or less	3151	5179	8332	9116	9116	9116	9116	9116	9116	9116	9116	9116	9116
78 -	957	957	1158	1550	1996	2480	3300	4528	5160	5622	5821	5962	6828
74-77	957	957	1486	2051	2689	3400	4576	6053	5016	6386	7163	8323	9116
70-73	957	1119	1811	2625	3482	4458	6053	6627	7101	8122	9116	9116	9116
66-69	957	1677	2571	3583	4731	6007	7111	7910	9116	9116	9116	9116	9116
62-65	1276	2315	3491	4850	6372	7919	8423	9116	9116	9116	9116	9116	9116
58-61	1840	3218	4831	6700	8123	8925	9116	9116	9116	9116	9116	9116	9116
54-57 or less	2671	4576	6883	8652	9116	9116	9116	9116	9116	9116	9116	9116	9116
78 -	957	957	457	1159	2112	2908	4011	5160	1877	1895	5561	6591	7939
74-77	957	957	1285	2088	2981	3981	5679	5732	5831	6591	7858	9116	9116
70-73	957	957	1769	2789	3917	5233	6582	6582	7393	8831	9116	9116	9116
66-69	957	1168	2348	3583	5017	6865	7293	8077	9116	9116	9116	9116	9116
62-65	961	2096	3628	5278	7156	8203	8111	9116	9116	9116	9116	9116	9116
58-61	1023	3200	5096	7320	8277	8852	9116	9116	9116	9116	9116	9116	9116
54-57 or less	2189	4667	7320	8697	9116	9116	9116	9116	9116	9116	9116	9116	9116

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TABLE 6-m (cont'd)  
LBS PER DAY OF BOD  
(river mile 311.1 to 313.2)  
Flow at Whirlpool Rapids (cfs)

Flow Temp °F	390 or less	391- 520	521- 650	651- 780	781- 910	911- 1040	1041- 1300	1301- 1560	1561- 1820	1821- 2080	2081- 2340	2341- 2600	2601 or more
	OCTOBER												
78 +	957.	957.	957.	957.	957.	957.	2097.	3610.	4421.	4412.	1950.	6007.	7329.
74-77	957.	957.	957.	1531.	2180.	3254.	4339.	5451.	5451.	6117.	7366.	8979.	9116.
70-73	957.	957.	1531.	2598.	3774.	5096.	6436.	6317.	7056.	8469.	9116.	9116.	9116.
66-69	957.	1249.	2407.	3710.	5196.	6864.	7074.	7794.	9116.	9116.	9116.	9116.	9116.
62-65	957.	2024.	3455.	5141.	7047.	7648.	8186.	9116.	9116.	9116.	9116.	9116.	9116.
58-61	1481.	3027.	4941.	7202.	8171.	8660.	9116.	9116.	9116.	9116.	9116.	9116.	9116.
54-57	2315.	4494.	7183.	8560.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.
50-53	3628.	6837.	8952.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.
46-49	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.
45 or less	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.	9116.

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TABLE 7-m  
LBS PER DAY OF BOD  
(Flow rate 313.3 to 305.9)  
Flow at Tomahawk Dam (cfs)

Flow etc. Temp F	38.1 or less	58.5 77.5	77.9 97.2	97.3 116.6	116.7 136.0	136.1 155.4	155.5 191.2	191.3 230.0	230.1 271.8	271.9 310.6	310.7 349.4	349.5 388.2	388.3 427.0	427.1 465.8	465.9 504.6	504.7 543.4	543.5 582.2	582.3 621.0	621.1 or more
78 -	2100	2100	2349	2712	2868	3089	3250	3571	6193	8723	10482	13061	14967	16172	16722	17322	17922	18522	19122
74-77	2100	2482	3323	3619	3871	4081	4371	4700	4952	5209	5512	5811	6122	6422	6722	7022	7322	7622	7922
70-73	2883	3861	4189	4729	5082	5271	5536	6039	6321	6577	6820	7062	7322	7522	7722	7922	8122	8322	8522
66-69	3831	4572	5382	6262	7113	8041	10423	13760	16881	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
62-65	4628	5452	6816	8051	9211	11076	14030	17778	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
58-61	5381	7057	8723	10367	12339	14910	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
54-57	6841	9017	11163	13355	15912	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
50-53	8761	11758	15273	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
46-49	11687	15231	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
42-45	15273	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
38-41 or less	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
78 -	2100	2100	3010	3763	4303	4737	5481	6376	8122	10011	11983	13817	15487	16617	17322	18022	18722	19422	20122
74-77	2100	2867	4001	4743	5382	5907	6723	8563	10719	13293	16091	18736	21222	23522	25722	27822	29822	31722	33522
70-73	2100	3919	4970	5822	6403	7028	8391	11119	13689	16946	18152	18152	18152	18152	18152	18152	18152	18152	18152
66-69	3633	5140	6291	7311	8307	9143	11145	14181	17310	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
62-65	4871	6376	7796	9102	10281	12056	14889	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
58-61	6063	7895	9499	11303	13176	15716	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
54-57 or less	7498	9983	12253	14924	17750	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
78 -	2400	2400	2400	2400	2868	3252	3735	4212	5153	6273	8605	10238	11658	12831	13817	14681	15481	16281	17081
74-77	2400	2400	2797	3136	3390	4450	5054	5836	7810	9784	11641	13305	14710	15882	16822	17682	18482	19282	20082
70-73	2400	2811	3791	4514	5254	5836	6817	8106	10693	12808	14681	16311	17778	18152	18152	18152	18152	18152	18152
66-69	2833	4132	5169	6131	7043	7823	9131	11811	14370	16571	18152	18152	18152	18152	18152	18152	18152	18152	18152
62-65	4061	5410	6702	7988	9102	10096	12510	15606	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
58-61	5240	6930	8634	10210	11672	13703	16586	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
54-57 or less	6646	8960	11161	13234	15805	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
78 -	2400	2400	2400	2400	2400	2400	2400	2400	3274	4646	8675	11019	12608	14512	16103	17482	18722	19882	21082
74-77	2400	2400	2400	2400	2400	2670	3230	4155	7686	10196	12559	14626	16158	18152	18152	18152	18152	18152	18152
70-73	2400	2400	2426	3152	3891	4341	5609	8364	11201	13817	16181	18152	18152	18152	18152	18152	18152	18152	18152
66-69	2400	2925	3691	4899	5879	6688	8818	12008	15180	17835	18152	18152	18152	18152	18152	18152	18152	18152	18152
62-65	3081	4232	5532	6873	8051	9628	12196	16188	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
58-61	4203	5836	7611	9230	11190	13501	16870	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152
54-57 or less	5623	7988	10181	12681	15377	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152



TABLE 7-m (cont'd)  
LBS PER DAY OF BOD  
(river mile 313.1 to 305.9)

Flow at Tomahawk Dam (cfs)

Temp F	Flow cfs		OCTOBER															
	583- or less	778- 972	583- 778	972- 1448	1447- 1860	1861- 1557	1912- 2330	2331- 2718	2719- 3106	3107- 3494	3495- 3882	3883- 4270	4271- 4658	4659- 5046	5047- 5434	5435- 5822	5823- 6210	6211- 6598
78	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
74-77	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
70-73	2100	2100	2100	2536	3288	3848	4013	4608	5079	5403	5750	6132	6546	6993	7473	7986	8532	9111
66-69	2100	2157	3380	4345	5282	6063	6782	7457	8088	8673	9213	9708	10158	10559	10912	11228	11508	11750
62-65	2712	3806	5281	6992	8736	10607	12607	14737	16997	19487	22207	25157	28257	31507	34907	38457	42157	46007
58-61	3848	5193	7171	9323	11656	14180	16895	19801	22907	26213	29720	33427	37334	41441	45748	50355	55262	60370
54-57	5311	7521	10109	12981	16136	19574	23305	27339	31676	36317	41262	46511	52064	57921	64082	70547	77316	84390
50-53	7311	10409	13997	17929	22204	26832	31814	37151	42847	48902	55317	62092	69227	76722	84577	92792	101367	110302
46-49	10852	14926	19524	24652	30320	36538	43306	50634	58532	67000	76138	85946	96424	107572	119390	131888	145066	158924
42-45	14798	19726	25324	31592	38540	46178	54506	63534	73262	83690	94818	106646	119174	132402	146330	160958	176286	192414
41 or less	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152	18152

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.

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