1 Pollution Control Agency

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3 Adopted Permanent Rules Relating to Aquaculture Facilities

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- 5 Rules as Adopted
- 6 7050.0216 REQUIREMENTS FOR AQUACULTURE FACILITIES.
- 7 Subpart 1. Definitions. For the purposes of this part,
- 8 the terms in items A to K \underline{J} have the meanings given them.
- 9 A. "Aquaculture therapeutic therapeutics" means
- 10 drugs, medications, or disease control chemicals that are
- 11 approved for concentrated aquatic animal production facility use
- 12 by the United States Food and Drug Administration or the United
- 13 States Environmental Protection Agency.
- B. "Aquatic animal production" means harvest of
- 15 unprocessed aquatic animals, including mortalities, where the
- 16 animals are fed fish food.
- 17 C. "Chemical additive" means an aquaculture
- 18 therapeutic, growth-inducing compound, hormone, or algal control
- 19 product that is added to a concentrated aquatic animal
- 20 production facility.
- D. "Cold water aquatic animals" means aquatic animals
- 22 included in-but-not-limited-to, the Salmonidae family of fish,
- 23 such as trout and salmon.
- 24 E. "Concentrated aquatic animal production facility"
- 25 means a hatchery, fish farm, or other facility that contains,
- 26 grows, or holds aquatic animals as described in subitems (1) to
- $27 + \frac{(4)}{(4)}$
- 28 (1) Cold water aquatic animal facilities that
- 29 produce more that 9,090 harvest weight kilograms (approximately
- 30 20,000 pounds) of aquatic animals per year or feed more than
- 31 2,272 kilograms (approximately 5,000 pounds) of food during the
- 32 calendar month of maximum feeding.
- 33 (2) Warm and cool water aquatic animal facilities

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- 34 that produce more than 45,454 harvest weight kilograms
- 35 (approximately 100,000 pounds) of aquatic animals per year.

Approved by Revisor

- 1 (3) Case-by-case designation of concentrated
- 2 aquatic animal production facilities. The commissioner may
- 3 designate any warm, cool, or cold water aquatic animal
- 4 production facility as a concentrated aquatic animal facility
- 5 upon determining that it is-a-significant-contributor-of
- 6 pollution-to-the-waters-of-the-state may cause a violation of an
- 7 applicable state or federal water quality rule or regulation.
- 8 In making this designation, the commissioner shall consider the
- 9 following factors:
- 10 (a) the location and quality of the
- 11 receiving waters;
- 12 (b) the holding, feeding, and production
- 13 capacities of the facility; and
- 14 (c) the quantity and nature of the
- 15 pollutants reaching waters of the state; -and
- 16 (d)-other-relevant-factors.
- 17 A permit application is not required from a concentrated
- 18 aquatic animal production facility designated under this item
- 19 until the commissioner has conducted an on-site inspection of
- 20 the facility and has determined that the facility should-and
- 21 could is required to be regulated under the permit program. A
- 22 permit will be required under this subitem only after the
- 23 facility has been given notice of the commissioner's
- 24 determination and an opportunity to request a hearing as
- 25 provided in parts 7000.1000 and 7001.0130.
- 26 (4) Harvest weight is considered the weight of
- 27 aquatic animal product which leaves a production facility, minus
- 28 the weight of aquatic animal product which enters the same
- 29 production facility.
- 30 F. "Continuous discharge" means a discharge that
- 31 occurs without interruption throughout the operating hours of
- 32 the facility, except for infrequent shutdowns for maintenance,
- 33 process changes, or other similar activities.
- 34 G. "Existing beneficial uses" means the uses that
- 35 have been made or may be reasonably anticipated to be made
- 36 during the time of the proposed operations of waters of the

- l state for domestic water supply, tourism and recreational
- 2 industries, transportation, industrial consumption, wellhead
- 3 protection, wildlife sustenance, wetland protection, fire
- 4 protection, fire prevention, assimilation of municipal and
- 5 industrial wastes and other wastes or other uses within this
- 6 state, and, at the discretion of the agency, any uses in another
- 7 state or interstate waters flowing through or originating in
- 8 this state.
- 9 H. "Fish food" means materials including, -but-not
- 10 limited-to,-commercial processed feeds, grains and seeds,
- 11 plants, forage-fish,-insects,-crustaceans,-worms, plant wastes,
- 12 meat, and dead fish or other dead animal parts, but not
- 13 including living aquatic animals, for the purpose purposes of
- 14 sustaining growth, repair, repairing vital processes, and or
- 15 furnishing energy for aquatic animals present in the facility.
- 16 #:--"In-situ-facility"-means-a-concentrated-aquatic
- 17 animal-production-facility-in-which-aquatic-animals-are-reared
- 18 in-waters-of-the-state---This-includes-net-pens,-net-cages,
- 19 floating-raceways,-barges,-and-other-similarly-constructed-or
- 20 fabricated-public-or-private-facilities.
- 21 J--- On-land-facility -means-a-concentrated-aquatic
- 22 animal-production-facility-not-located-within-waters-of-the
- 23 state-in-which-aquatic-animals-are-reared---This-includes-fish
- 24 hatcheries,-rearing-ponds,-spawning-channels,-and-other
- 25 similarly-constructed-or-fabricated-public-or-private-facilities.
- 26 K: I. "Recirculating flow" means wastewater, within a
- 27 concentrated aquatic animal production facility, which is
- 28 collected from aquatic animal rearing units, treated, and then
- 29 returned to aquatic animal rearing units for reuse.
- J. "Warm and cool water aquatic animals" means all
- 31 other aquatic animals not included in the Salmonidae family of
- 32 fish and-include;-but-are-not-limited-to;-the-Amereiuride;
- 33 Centrarchidae, -Cyprinidae, -Percidae, -and-Ectaluridae-families-of
- 34 fish,-such-as-catfish,-sunfish,-minnows,-and-walleye.
- 35 Subp. 2. Permit required. No person may construct,
- 36 operate, or maintain a concentrated aquatic animal production

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facility until the agency has issued a National Pollutant
    Discharge Elimination System and State Disposal System
    (NPDES/SDS) permit for the facility in accordance with chapter
 3
           Production levels of multiple projects and multiple
 5
    stages of a single project that are connected actions or phased
    actions will be considered in total under subpart 1, item E.
 6
 7
         Subp. 3. Treatment technology discharge requirements.
 8
    discharge-limitations-in-items-A-to-D-are-established-based-on
    the-best-available-proven-technology,-best-management-practices;
 9
    and-water-treatment-practices-that-prevent-and-minimize
11
    degradation-of-waters-of-the-state-considering-economic-factors;
12
    availability,-technical-feasibility,-effectiveness,-and
13
    environmental-impacts-
              A. Collection and treatment. All concentrated
14
    aquatic animal production facilities shall collect, remove,
15
16
    treat, and properly dispose of unconsumed fish food and fish
17
             Mass-discharge-shall-be-determined-by-monitoring,
    testing,-and-reporting-in-accordance-with-subpart-6,-item-A-
18
19
              B.--On-land-facilities.--Any-person-discharging-from
20
    an-on-land-facility-shall-comply-with-the-following-limitations
21
    after-allowance-for-pollutant-removal-by-a-treatment-works:
    Substance-or-Characteristic
                                       Limiting-Concentration-or-Range
22
23
                                       25-milligrams-per-liter
24
    5-day-carbonaceous-biochemical
      oxygen-demand*
25
26
    Fecal-coliform-group
                                       2\theta\theta-organisms-per-1\theta\theta
27
28
      organisms***
                                          milliliters
29
                                       30-milligrams-per-liter
30
    Total-suspended-solids*
31
                                       Essentially-free-of-visible-oil
32
    θ÷ŧ
33
34
                                       1-milligram-per-liter
    Phosphorus**
35
                                       6-8-to-9-8
36
    pH-range
37
                                       Concentrations-of-toxic-or
38
    Toxic-or-corrosive-pollutants
39
                                       corrosive-pollutants-must-not
                                       cause-acute-toxicity-to-humans
40
41
                                       or-other-animals,-or-plant
42
                                       life,-directly-damage-real
                                       property,-or-exceed-the-final
43
                                       acute-value-unless-the
44
                                       effluent-satisfies-the-whole
45
46
                                       effluent-toxicity-test-as
                                       follows: -- If-a-whole-effluent-
47
                                       toxicity-test-performed-on-the
48
                                       effluent-results-in-less-than
49
                                       50-percent-mortality-of-the
50
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test-organisms,-the-effluent 1 2 will-not-be-considered 3 acutely-toxic-unless-the 4 commissioner-finds-that-the test-species-do-not-represent 5 sensitive-organisms-in-the 6 7 affected-surface-water-body 8 or-the-whole-effluent-test 9 was-performed-on-a-sample-not 10 representative-of-the 11 effluent-quality---The-final acute-value-and-whole 12 13 effluent-toxicity-tests-are defined-in-part-7050-02187 14 15 subpart-3,-items-0-and-FF, respectively. 16 17 *-The-arithmetic-mean-for-concentrations-of-five-day 18 19 carbonaceous-biochemical-oxygen-demand-for-all-discharges-and-of total-suspended-solids-for-continuous-discharges-shall-not 20 21 exceed-the-stated-value-in-any-calendar-month---For noncontinuous-discharges,-the-arithmetic-mean-for-concentration 22 of-total-suspended-solids-shall-not-exceed-45-milligrams-per 23 24 liter-in-any-calendar-month. **-Where-the-discharge-of-effluent-is-directly-to-or 25 affects-a-lake-or-reservoir;-phosphorus-removal-to-one-milligram 26 per-liter-shall-be-required---In-addition,-removal-of-nutrients 27 from-all-wastes-shall-be-provided-to-the-fullest-practicable 28 extent-wherever-sources-of-nutrients-are-considered-to-be 29 actually-or-potentially-detrimental-to-preservation-or 30 enhancement-of-the-designated-water-uses---Discharges-required 31 32 to-control-nutrients-by-this-subpart-are-subject-to-the-variance provisions-of-part-7050-0190-33 ***-Disinfection-of-wastewater-effluents-to-reduce-the 34 levels-of-fecal-coliform-organisms-to-the-stated-value-is 35 required-from-March-1-through-October-31-for-Class-2-waters-and 37 May-1-through-October-31-for-Class-7-waters,-except-that-where the-effluent-is-discharged-25-miles-or-less-upstream-of-a-water 38 intake-supplying-a-potable-water-system,-the-reduction-to-the 39 stated-value-is-required-throughout-the-year---The-stated-value 40 must-not-be-exceeded-in-any-calendar-month-as-determined-by-the 41 geometric-mean-of-all-samples-collected-in-a-given-calendar 42 month:--The-application-of-the-fecal-coliform-group-organism 43 standards-shall-be-limited-to-sewage-or-other-effluents 44

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containing-admixtures-of-sewage-and-shall-not-apply-to
    industrial-wastes-except-where-the-presence-of-sewage;-fecal
    coliform-organisms,-or-viable-pathogenic-organisms-is-known-or
    reasonably-certain---Analysis-of-samples-for-fecal-coliform
    group-organisms-by-either-the-multiple-tube-fermentation-or-the
 5
    membrane-filter-technique-is-acceptable-
 6
              E.--In-situ-facilities---A-person-discharging-from-an
 7
 8
    in-situ-facility-shall-comply-with-the-following-limitations
    after-allowance-for-pollutant-removal-by-a-treatment-works:
 9
                                       bimiting-Concentration-or-Range
10
    Substance-or-Characteristic
11
                                       25-milligrams-per-liter
12
    5-day-carbonaceous-biochemical
13
      oxygen-demand*
14
15
                                       200-organisms-per-100
    Fecal-coliform-group
      organisms***
                                          milliliters
16
17
18
    Total-suspended-solids*
                                       30-milligrams-per-liter
19
                                       Essentially-free-of-visible-oil
20
    θ±±
21
                                       1-milligram-per-liter
22
    Phosphorus**
23
                                       6-0-to-9-0
24
    pH-range
25
                                       Concentrations-of-toxic-or
26
    Toxic-or-corrosive-pollutants
                                       corrosive-pollutants-must-not
27
                                       cause-acute-toxicity-to-humans
28
29
                                       or-other-animals,-or-plant
30
                                       life;-directly-damage-real
                                       property,-or-exceed-the-final
31
                                       acute-value-unless-the
32
33
                                       effluent-satisfies-the-whole
34
                                       effluent-toxicity-test-as
                                       follows:--If-a-whole-effluent
35
                                       toxicity-test-performed-on-the
36
                                       effluent-results-in-less-than
37
                                       50-percent-mortality-of-the
38
39
                                       test-organisms, -the-effluent
                                       will-not-be-considered
40
                                       acutely-toxic-unless-the
41
                                       commissioner-finds-that-the
42
                                       test-species-do-not-represent
43
44
                                       sensitive-organisms-in-the
                                       affected-surface-water-body
45
                                       or-the-whole-effluent-test
46
                                       was-performed-on-a-sample-not
47
                                       representative-of-the
48
                                       effluent-quality---The-final
49
                                       acute-value-and-whole
50
                                       effluent-toxicity-tests-are
51
                                       defined-in-part-7050-02187
52
                                       subpart-3,-items-0-and-FF,
53
                                       respectively.
54
55
         *-The-arithmetic-mean-for-concentrations-of-five-day
56
    carbonaceous-biochemical-oxygen-demand-for-all-discharges-and-of
57
    total-suspended-solids-for-continuous-discharges-shall-not
58
    exceed-the-stated-value-in-any-calendar-month---For
59
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noncontinuous-discharges,-the-arithmetic-mean-for-concentration
    of-total-suspended-solids-shall-not-exceed-45-milligrams-per
    liter-in-any-calendar-month-
         **-Where-the-discharge-of-effluent-is-directly-to-or
 4
    affects-a-lake-or-reservoir,-phosphorus-removal-to-one-milligram
 5
    per-liter-shall-be-required:--In-addition;-removal-of-nutrients
    from-all-wastes-shall-be-provided-to-the-fullest-practicable
    extent-wherever-sources-of-nutrients-are-considered-to-be
    actually-or-potentially-detrimental-to-preservation-or
    enhancement-of-the-designated-water-uses---Discharges-required
10
    to-control-nutrients-by-this-subpart-are-subject-to-the-variance
1.1
   provisions-of-part-7050.0190.
12
         ***-Disinfection-of-wastewater-effluents-to-reduce-the
13
    levels-of-fecal-coliform-organisms-to-the-stated-value-is
14
    required-from-March-1-through-October-31-for-Class-2-waters-and
15
    May-1-through-October-31-for-Class-7-waters,-except-that-where
16
    the-effluent-is-discharged-25-miles-or-less-upstream-of-a-water
17
    intake-supplying-a-potable-water-system, -the-reduction-to-the
18
    stated-value-is-required-throughout-the-year---The-stated-value
19
   must-not-be-exceeded-in-any-calendar-month-as-determined-by-the
20
    geometric-mean-of-all-samples-collected-in-a-given-calendar
21
    month.--The-application-of-the-fecal-coliform-group-organism
22
    standards-shall-be-limited-to-sewage-or-other-effluents
23
    containing-admixtures-of-sewage-and-shall-not-apply-to
24
    industrial-wastes-except-where-the-presence-of-sewage,-fecal
25
    coliform-organisms,-or-viable-pathogenic-organisms-is-known-or
26
    reasonably-certain---Analysis-of-samples-for-fecal-coliform
27
    group-organisms-by-either-the-multiple-tube-fermentation-or-the
28
    membrane-filter-technique-is-acceptable-
29
              Đ. B. Discharge requirements. All concentrated
30
    aquatic animal production facilities that discharge industrial
31
    or other wastes to waters of the state shall comply with the
32
    requirements of part 7050.0212, subparts 1, 3, 4, 5, and 6.
33
              C. Recirculating flow. The owner or operator of a
34
    recirculating flow in-situ-or-on-land facility may propose-to
35
    the-commissioner-alternate-concentration-limits-than-those
36
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- 1 required-by-item-B-or-C apply for a variance from the
- 2 requirements of item B in accordance with parts 7000.0700 and
- 3 7050.0190. The proposal variance application shall provide
- 4 detailed information on the following:
- 5 (1) treatment, collection, removal, and disposal
- 6 of wastes after wastewater flow leaves aquatic animal rearing
- 7 units and before the wastewater is returned for reuse to rearing
- 8 units;
- 9 (2) the rate of wastewater discharge flow
- 10 compared to the volume of water in the aquatic animal rearing
- ll units;
- 12 (3) reduction in the mass discharge of pollutants
- 13 due to the design, operation, and maintenance of the
- 14 recirculating system; and
- 15 (4) reduction in water appropriation due to the
- 16 design, operation, and maintenance of the recirculating system.
- 17 The-commissioner-may-approve-alternate-concentration-limits
- 18 under-this-subpart-based-upon-information-related-to-subitems
- 19 (\pm) - \pm 0-(4)-
- 20 Subp. 4. Additional requirements. Except as expressly
- 21 excluded in this part, the construction, operation, and
- 22 maintenance of a concentrated aquatic animal production facility
- 23 shall comply with the requirements of parts 7050.0110
- 24 to 7050.0214 and 7050.0217 to 7050.0220,-if-applicable.
- Subp. 5. Interim reversible impacts.
- 26 A. Variance. Upon application of the responsible
- 27 person or persons and in accordance with parts 7000.0700 and
- 28 7050.0190, the agency in-its-discretion-may shall grant a
- 29 variance from subpart 3, item A or B, if the agency also finds
- 30 that:
- 31 (1) the construction, operation, and maintenance
- 32 of the facility will not impair the existing beneficial uses and
- 33 the level of water quality necessary to protect the existing
- 34 beneficial uses;
- 35 (2) the economic or social development of concern
- 36 will not occur due to the standards in subpart 3;

36

1	(3) allowing lower water quality is necessary to
2	accommodate important economic or social development in the area
3	in which the receiving waters are located;
4	(4) the baseline quality of the receiving waters
5	has been established in accordance with item C;
6	(5) a closure plan for the facility has been
7	approved submitted in accordance with item E;
8	(6) financial assurance for the facility has been
9	established, -approved, and maintained in accordance with item F;
10	and
11	(7) the applicant has obtained submitted a permit
12	application for the facility for which the variance is sought in
13	compliance with subpart 2;
14	(8) the applicant has submitted a completed
15	variance application in accordance with item B; and
16	(9) the receiving waters will be restored to
17	baseline quality within three years of initiation of closure.
18	However, no variances may be granted that would result in
19	noncompliance with applicable federal rules, regulations, or
20	standards for water quality.
21	B. Variance application. In addition to the
22	requirements of part 7000.0700, subpart 2, the written
23	application must contain:
24	(1) the baseline quality data of the receiving
25	waters collected under agency-approved commissioner-approved
26	protocol in accordance with item C;
27	(2) the agency-approved closure plan in
28	accordance with item E; and
29	(3) an up-to-date closure cost estimate for the
30	facility prepared under item E and evidence of the financial
31	assurance required in item F.
32	C. Baseline quality. Baseline quality shall be
33	established by no less than two consecutive years, or
34	equivalent, of preoperational data on the receiving waters. The
35	equivalent testing program shall require 12 sampling events for

the parameters in item E collected during the months of May

- l through October. Testing programs used to establish baseline
- 2 quality shall be reviewed and approved by the commissioner
- 3 before the start of testing. The commissioner shall supply the
- 4 specific intra-year and inter-year variables.
- D. Closure. If a variance is granted under item A,
- 6 the responsible-person permittee shall restore the receiving
- 7 waters to baseline quality when:
- 8 (1) aquatic animal production from the facility
- 9 ceases;
- 10 (2) any of the control pollutant limits in item G
- 11 are exceeded;
- 12 (3) the permit for the facility expires, and
- 13 reissuance of the permit is not applied for or is applied for
- 14 and denied;
- 15 (4) the permit for the facility is revoked;
- 16 (5) an agency order to cease operation is issued;
- 17 or
- 18 (6) the required financial assurance under item F
- 19 for closure, postclosure monitoring, or corrective actions is
- 20 not maintained with the proper payment or substitute instrument.
- 21 E. Closure plan. The applicant shall submit a
- 22 closure plan for-review-and-approval-by-the-commissioner with
- 23 the variance application. The closure plan shall demonstrate
- 24 financial assurance under item F for closure, postclosure
- 25 monitoring, and corrective actions for restoration of the
- 26 receiving waters to baseline quality, and shall demonstrate-the
- 27 technological-and-environmental-feasibility-of-restoration-of
- 28 the-receiving-waters-to-baseline-quality describe the methods
- 29 and processes that will be implemented to restore the receiving
- 30 waters to baseline quality within three years of initiation of
- 31 closure. The demonstration must show that no additional
- 32 restoration is needed beyond three years. Restoration to
- 33 baseline quality shall-ensure-that-the-most-protective-water
- 34 quality of the following parameters are-restored --- For-each-of
- 35 the-water-quality-parameters, is required: dissolved oxygen,
- 36 total phosphorus, and chlorophyll-a. Restoration to the

- 1 baseline quality level means that the mean postclosure baseline
- 2 quality levels shall not be significantly different as
- 3 determined with the appropriate statistical test from the means
- 4 of-the mean preoperational baseline quality tevets level.
- F. Financial assurance. The applicant shall submit
- 6 to the commissioner for review and approval a closure,
- 7 postclosure monitoring, and corrective action cost estimate, and
- 8 evidence of financial assurance, prepared in accordance with
- 9 parts 7035.2685 to 7035.2805.
- 10 G. Control pollutant limits. The following control
- 11 pollutant limits are established to prevent irreversible
- 12 pollution and to protect the existing beneficial uses, and apply
- 13 to the receiving waters at all times:
- 14 Substance or Characteristic Limiting Concentration or Range
- 15 16 Total organic carbon 5 milligrams per liter*
- 17 18 Nitrate nitrogen 10 milligrams per liter**
- 19 20 Chlorophyll-a 30 micrograms per liter***
- 21
 22 Dissolved oxygen
 23 per liter in the bottom half
 24 of the hypolimnion and 5
 25 milligrams per liter in the

milligrams per liter in the upper half of the hypolimnion***

29 * Annual mean.

28

- 30 ** Instantaneous value. "Instantaneous value" means the
- 31 concentration in one sample.
- 32 *** Monthly mean (May through September).
- 33 **** Instantaneous value. If the baseline monitoring shows
- 34 that the preoperational oxygen concentration for the same time
- 35 of the year is less than three milligrams per liter for the
- 36 bottom half of the hypolimnion and five milligrams per liter for
- 37 the upper half, there shall be no further reduction of the
- 38 preoperational oxygen concentrations. If the baseline quality
- 39 of a pollutant is greater than the control pollutant limit, or
- 40 less in the case of dissolved oxygen, the baseline quality of
- 41 the pollutant shall be used as the control pollutant limit.
- 42 Subp. 6. Special conditions.
- A. Monitoring, testing, and reporting.

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1
                   (1)-On-land-facilities-shall-monitor,-test,-and
 2
    report-the-flow-rate-and-the-pollutant-concentrations-of-the
    discharge---The-mass-of-a-pollutant-discharged-shall-be
    determined-by-multiplying-the-flow-rate-by-the-pollutant
 5
    concentration-
 6
                   (2)-In-situ-facilities-shall-monitor,-test,-and
 7
    report-dry-mass-and-composition-by-percentage-of-all-materials
 8
    added-to-and-removed-from-the-waters-in-the-facility:--The-mass
 9
    of-a-pollutant-discharged-shall-be-determined-as-the-difference
10
    between:
11
                        fa)-the-dry-mass-multiplied-by-the
12
    percentage-composition-of-the-materials-added;-and
13
                        (b)-the-dry-mass-multiplied-by-the
14
    percentage-composition-of-the-materials-removed-
15
         The-materials-to-be-monitored,-tested,-and-reported
16
    include,-but-are-not-limited-to,-aquatic-animal-production,-fish
17
    food-used; -waste-fish-food; -filter-backwash; -sludges; -sediments;
    and-other-accumulated-solids-
18
19
                   (1) In addition to the requirements for
20
   monitoring, testing, and reporting under part 7001.0150, subpart
21
    2, item B, the permittee shall report the aquatic animal
    production and amount of fish food used.
22
                   (2) The commissioner may require the permittee to
23
24
   monitor receiving waters to determine natural background levels
    and baseline quality and to determine compliance with state and
25
    federal antidegradation and water quality standard
26
    requirements. The monitoring shall consider natural seasonal
27
   and year-to-year variations in background levels and baseline
28
   quality.
29
30
                  Collection and disposal of aquatic animal
   mortalities and blood. The permittee shall transport aquatic
31
    animal mortalities for rendering or disposal at a land-based
32
    facility. Aquatic animal mortalities shall not be disposed of
33
34
   in waters of the state. The permittee shall prevent blood
   produced through harvest of aquatic animals from entering waters
35
   of the state untreated. The blood generated shall be
36
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- 1 transported to a land-based rendering or disposal facility
- 2 approved by the commissioner, or discharged to a publicly owned
- 3 treatment works in accordance with the applicable publicly owned
- 4 treatment works NPDES/SDS permit.
- 5 C. Record keeping. The permittee shall maintain an
- 6 operation record book of daily operations and other occurrences
- 7 that may affect water quality, including,-but-not-limited-to,
- 8 addition of fish food, composition of fish food, aquatic animal
- 9 transfers and harvests, cleaning, mortalities, major weather
- 10 events, and power failures. The operation record book shall be
- 11 available at all times for inspection and copying by the
- 12 commissioner.
- D. Annual report. Each year, the permittee shall
- 14 submit an annual report to the commissioner. The report shall
- 15 include:
- 16 (1) a general description of the operations
- 17 conducted for the past calendar year;
- 18 (2) a summary of the monitoring data;
- 19 (3) the mass of aquatic animals currently at the
- 20 facility;
- 21 (4) aquatic animal production at the facility for
- 22 the past calendar year;
- 23 (5) methods, amounts, and locations of the
- 24 removal and disposal of waste fish food, filter backwash,
- 25 sludges, sediments, mortalities, and other accumulated solids
- 26 generated at the facility; and
- 27 (6) proposed changes in operation and/or
- 28 production for the coming year.
- 29 E. Water treatment and chemical additives. The
- 30 discharge of water treatment and chemical additives shall not-be
- 31 in-toxic-amounts,-cause-adverse-human-health-concerns,-or
- 32 violate-water-quality-standards comply with parts 7050.0218 and
- 33 7050.0220.