**Texas Commission on Environmental Quality**

P.O. Box 13087 Austin, Texas 78711-3087



GENERAL PERMIT TO DISPOSE OF WASTEWATER

under provisions of Section 402 of the Clean Water Act

and Chapter 26 of the Texas Water Code

This permit supersedes and replaces

TPDES General Permit No. TXG130000, effective on April 18, 2021.

Aquaculture facilities and certain related activities located in the State of Texas,

may discharge into or adjacent to water in the state, including exceptional, high, intermediate, limited, or minimal aquatic life use receiving waters as identified in the Texas Surface Water Quality Standards,

only according to the effluent limitations, monitoring requirements and other conditions set forth in this general permit, as well as in the rules of the Texas Commission on Environmental Quality (TCEQ or the commission), the laws of the State of Texas, and other orders of the commission. The issuance of this general permit does not grant the permittee the right to use private or public property for the conveyance of wastewater along the discharge route. This includes property belonging to, but not limited to, any individual, partnership, corporation or other entity. Neither does this general permit authorize any invasion of personal rights nor any violation of federal, state, or local laws or regulations. It is the responsibility of the permittee to acquire property rights as may be necessary to use the discharge route.

This general permit and the authorization contained herein shall expire at midnight five years after the effective date.

ISSUED DATE:

EFFECTIVE DATE: April 18, 2026

 For the Commission

Table of Contents

[Part I. Definitions 3](#_Toc191287098)

[Part II. Permit Applicability and Authorization 10](#_Toc191287099)

[Section A. Discharges Authorized 10](#_Toc191287100)

[Section B. Limitations on Authorization 11](#_Toc191287101)

[Section C. Application for Authorization 13](#_Toc191287102)

[Section D. Termination of Authorization 15](#_Toc191287103)

[Section E. Authorization Under a TPDES or TLAP Individual Permit 15](#_Toc191287104)

[Section F. Permit Expiration 16](#_Toc191287105)

[Part III. Permit Requirements 17](#_Toc191287106)

[Section A. Effluent Limitations 17](#_Toc191287107)

[Section B. General Requirements 18](#_Toc191287108)

[Section C. Specific Requirements for Certain Level II Facilities 20](#_Toc191287109)

[Section D. Specific Requirements for Level IV and Level V Facilities 21](#_Toc191287110)

[Section E. Management of Solid Waste 24](#_Toc191287111)

[Section F. Wastewater Irrigation and Other Beneficial Re-Uses 25](#_Toc191287112)

[Section G. Discharge of Wastewater into Water in the State 26](#_Toc191287113)

[Part IV. Discharge Monitoring and Reporting Requirements 28](#_Toc191287114)

[Section A. Sampling Requirements 28](#_Toc191287115)

[Section B. Reporting Requirements 28](#_Toc191287116)

[Part V. Standard Permit Conditions 30](#_Toc191287117)

[Part VI. Fees 31](#_Toc191287118)

[Notice of Water Quality Authorization 33](#_Toc191287119)

# Part I. Definitions

All definitions in the Texas Water Code (TWC), § 26.001 and Title 30 Texas Administrative Code (30 TAC) Chapter 305, *Consolidated Permits*, shall apply to this permit and are incorporated by reference. The following words and terms, for the purposes of this general permit, shall have the following meanings.

**Aquaculture** **facility** - An establishment engaged in the propagation or rearing of aquatic species using ponds, lakes, fabricated tanks, raceways, cages or other enclosures placed within public waters, or other similar structures. Multiple ponds that are individually owned, managed, or leased may be considered a single aquaculture facility if they are located within a contiguous tract of land, utilize a common water source, or utilize a common discharge route. For the purposes of this general permit, an aquaculture facility does not include: public and private reservoirs constructed and utilized primarily for water supply, flood control, domestic purposes, livestock watering, recreation, or similar uses.

**Aquatic animal production facility** - An aquaculture facility that meets the criteria for Level II facility established in this general permit, and that does not meet or exceed the criteria in 40 Code of Federal Regulations (CFR) Part 122, Appendix C.

**Aquatic species** - Fish, crustaceans, mollusks, or any other organisms, excluding aquatic plants and algae, living in either fresh or marine waters.

**Best management practices (BMP)** - Schedule of activities, prohibition of practices, maintenance procedures, structural controls, and other management practices to prevent or reduce the discharge of pollutants to water in the state. BMPs also include treatment requirements, operating procedures, and practices to control site runoff, spillage or leaks, sludge or waste disposal, drainage from raw material storage, or the abatement of nuisance odors and conditions. BMPs are those measures that are reasonable and necessary to achieve a performance standard that protects and maintains air and water quality standards as well as existing and potential uses of groundwater.

**Closed ponds** - Ponds, lakes, or tanks without a mechanism to manipulate water levels, except for emergency spillways and other similar non-mechanical structures, or those ponds that are operated such that drawdowns are not allowed. If the use of groundwater wells or the diversion of surface water results in dry-weather discharges, such ponds are not defined as closed ponds.

**Coastal zone** - That area along the Texas coast of the Gulf of America as depicted in this definition and also as depicted in Figure 1 from 31 Texas Administrative Code (TAC) Part 1, Chapter 27. The boundary includes areas within the following Texas counties: Cameron, Willacy, Kenedy, Kleberg, Nueces, San Patricio, Aransas, Refugio, Calhoun, Victoria, Jackson, Matagorda, Brazoria, Galveston, Harris, Chambers, Jefferson, and Orange.

1. The inland boundary. The inland boundary encompasses the following areas:
2. Roadway portion of boundary. The boundary begins at the International Toll Bridge in Brownsville, thence northward along United States (U.S.) Highway 77 to the junction of Paredes Lines Road (Farm-to-Market (FM) Road 1847) in Brownsville, thence northward along FM Road 1847 to the junction of FM Road 106 east of Rio Hondo, thence westward along FM Road 106 to the junction of FM Road 508 in Rio Hondo, thence northward along FM Road 508 to the junction of FM Road 1420, thence northward along FM Road 1420 to the junction of State Highway (SH) 186 east of Raymondville, thence westward along SH 186 to the junction of U.S. Highway 77 near Raymondville, thence northward along U.S. Highway 77 to the junction of FM Road 774 in Refugio, thence eastward along FM Road 774 to the junction of SH 35 south of Tivoli, thence northward along SH 35 to the junction of SH 185 between Bloomington and Seadrift, thence northwestward along SH 185 to the junction of FM Road 616 in Bloomington, thence northeastward along FM Road 616 to the junction of SH 35 east of Blessing, thence southward along the SH 35 to the junction of FM Road 521 north of Palacios, thence northeastward along FM Road 521 to the junction of SH 36 south of Brazoria, thence northward along SH 36 to the junction of SH 332 in Brazoria, thence eastward along SH 332 to the junction of FM Road 2004 in Lake Jackson, thence northeastward along FM Road 2004 to the junction of Interstate Highway (IH) 45 between Dickinson and La Marque, thence northwestward along IH 45 to the junction of IH 610 in Houston, thence east and northward along IH 610 to the junction of IH 10 in Houston, thence eastward along IH 10 to the Louisiana State line.
3. Tidal portion of the boundary. The boundary runs at a distance of 100 yards inland from the mean high tide line along each of the following tidal river and stream segments from the points where they intersect the roadway boundary described below:
4. on the Arroyo Colorado, to a point 100 meters (110 yards) downstream of Cemetery Road south of Port Harlingen in Cameron County;
5. on the Nueces River, to Calallen Dam 1.7 kilometers (1.1 miles) upstream of U.S. Highway 77 in Nueces/San Patricio County;
6. on the Guadalupe River, to the Guadalupe-Blanco River Authority Salt Water Barrier 0.7 kilometers (0.4 mile) downstream of the confluence of the San Antonio River in Calhoun and Refugio Counties;
7. on the Lavaca River, to a point 8.6 kilometers (5.3 miles) downstream of U.S. Highway 59 in Jackson County;
8. on the Navidad River, to Palmetto Bend Dam in Jackson County
9. on Tres Palacios Creek, to a point 0.6 kilometers (1.0 mile) upstream of the confluence of Wilson Creek in Matagorda County;
10. on the Colorado River, to a point 2.1 kilometers (1.3 miles) downstream of the Missouri-Pacific Railroad in Matagorda County;
11. on the San Bernard River, to a point 3.2 kilometers (2.0 miles) upstream of SH 35 in Brazoria County;
12. on Chocolate Bayou, to a point 4.2 kilometers (2.6 miles) downstream of SH 35 in Brazoria County;
13. on Clear Creek, to a point 100 meters (110 yards) upstream of FM Road 528 in Galveston/Harris County;
14. on Buffalo Bayou, to a point 400 meters (440 yards) upstream of Shepherd Drive in Harris County;
15. on the San Jacinto River, to Lake Houston Dam in Harris County;
16. on Cedar Bayou, to a point 2.2 kilometers (1.4 miles) upstream of IH 10 in Chambers/Harris County;
17. on the Trinity River, to the border between Chambers and Liberty Counties;
18. on the Neches River, to a point 11.3 kilometers (7.0 miles) upstream of IH 10 in Orange County; and
19. on the Sabine River, to Morgan Bluff in Orange County.
20. Wetlands portion of boundary. Except for the part of the boundary adjacent to the Trinity and Neches rivers, the boundary includes wetlands lying within one mile inland of the mean high tide lines of the tidal river and stream segments identified below:
21. Adjacent to the Trinity River, the boundary includes wetlands within the area located between the mean high tide line on the western shoreline of the river and FM Road 565 and FM Road 1409, and wetlands within the area located between the mean high tide line on the eastern shoreline of that portion of the river and FM Road 563.
22. Adjacent to the Neches River, the boundary includes wetlands within one mile of the mean high tide line on the western shoreline of the river, and wetlands within the area located between the mean high tide line on the eastern shoreline of that portion of the river and FM Road 105.
23. The boundary with the State of Louisiana. The boundary with the State of Louisiana begins in Orange County at Morgans Bluff, the northernmost extent of tidal influence, along the adjudicated boundary between the State of Texas and the State of Louisiana, as established by the United States Supreme Court in *Texas v. Louisiana*, 410 U.S. 702 (1973); thence it continues in a southerly direction along the adjudicated boundary out into the Gulf of America until it intersects the seaward boundary.
24. The seaward boundary. The seaward boundary is that line marking the seaward limit of Texas title and ownership under the Submerged Lands Act (43 United States Code (U.S.C.) § 1301 et. Seq.), as recognized by the United States Supreme Court in *United States v. Louisiana* et al., 364 U.S. 502 (1960).
25. The boundary with the Republic of Mexico. The boundary with the Republic of Mexico begins at a point three marine leagues into the Gulf of America where the line marking the seaward limit of Texas title and ownership under the Submerged Lands Act (43 U.S.C. §§ 1301 et seq) intersects the international boundary between the United States and the Republic of Mexico, as established pursuant to the Treaty of Guadalupe-Hidalgo (February 2, 1848) between the United States and the Republic of Mexico; thence it continues in a westerly direction along the international border with the Republic of Mexico until it meets the International Toll Bridge in Brownsville.
26. The excluded federal lands. The excluded federal lands are those lands owned, leased, held in trust by, or whose use is otherwise by law subject solely to the discretion of the federal government, its officers or agents.

**Cold water aquatic species** - Fish in the family *Salmonidae* (trout and salmon).

**Concentrated aquatic animal production facility** - An aquaculture facility that meets the criteria outlined in 40 CFR Part 122, Appendix C and meets the criteria of Level III and Level IV facilities established in this general permit.

**Commercial aquaculture facility** - An aquaculture facility designed primarily for the production of cultured species for the purposes of sale, barter, or exchange.

**Daily average flow** - The arithmetic average of all determinations of the daily flow within a period of one calendar month. The daily average flow determination shall consist of determinations made on at least four separate days. If instantaneous measurements are used to determine the daily flow, the determination shall be the arithmetic average of all instantaneous measurements taken during that month. Daily average flow determination for intermittent discharges shall consist of a minimum of three flow determinations on days of discharge.

**Daily average limitations** - The arithmetic average of results of analyses for a parameter from a minimum of four samples of the discharges that occur in a single calendar month. When results of analyses of four samples are not available in a single calendar month, the arithmetic average of the most recent results, not to exceed four, must be reported as the daily average concentration.

**Daily maximum limitations** - The maximum concentration measured or mass calculated on a single day within a single calendar month.

**Discharge** - Deposit, conduct, drain, emit, throw, run, allow to seep, or otherwise release or dispose of, or to allow, permit, or suffer any of these acts or omissions.

**Domestic sewage** - Waterborne human waste and waste from domestic activities such as washing, bathing, and food preparation.

**Edwards Aquifer** - As defined in 30 TAC § 213.3 (relating to the Edwards Aquifer), that portion of an arcuate belt of porous, water-bearing, predominantly carbonate rocks known as the Edwards and Associated Limestones in the Balcones Fault Zone trending from west to east to northeast in Kinney, Uvalde, Medina, Bexar, Comal, Hays, Travis, and Williamson Counties; and composed of the Salmon Peak Limestone, McKnight Formation, West Nueces Formation, Devil's River Limestone, Person Formation, Kainer Formation, Edwards Formation, and Georgetown Formation. The permeable aquifer units generally overlie the less-permeable Glen Rose Formation to the south, overlie the less-permeable Comanche Peak and Walnut Formations north of the Colorado River, and underlie the less-permeable Del Rio Clay regionally. The Edwards Aquifer map viewer is located at<https://www.tceq.texas.gov/gis/edwards-viewer.html>**.**

**Edwards Aquifer Recharge Zone** - Generally, that area where the stratigraphic units constituting the Edwards Aquifer crop out, including the outcrops of other geologic formations in proximity to the Edwards Aquifer, where caves, sinkholes, faults, fractures, or other permeable features would create a potential for recharge of surface waters into the Edwards Aquifer. The recharge zone is identified as that area designated as such on official maps located in TCEQ offices and the appropriate underground water conservation district(s). The recharge zone is illustrated on the Edwards Aquifer map viewer at <https://www.tceq.texas.gov/gis/edwards-viewer.html>.

**Extralabel drug use** - A drug approved under the Federal Food, Drug, and Cosmetic Act that is not used in accordance with the approved label directions. This includes, but is not limited to, use in species not listed in the labeling; use for indications (disease or other conditions) not listed in the labeling; use at dosage levels, frequencies, or routes of administration other than those stated in the labeling; and deviation from the labeled withdrawal time based on these different uses.

**Flow-through system** -A system designed to provide a continuous flow of water through chambers used to produce aquatic species into water in the state. The term does not include net pens.

**General permit** - A permit issued under the provisions of 30 TAC Chapter 205, authorizing the discharge of waste into or adjacent to water in the state for one or more categories of waste discharge within a geographical area of the state or the entire state as provided by Texas Water Code (TWC) § 26.040.

**Grab sample** - An individual sample collected in less than 15 minutes.

**Harvest-weight** - The live animal weight, including viscera, skin, scales, shells, fins, appendages, etc.

**Inactive facility** - A facility that is not yet operational or where operations have been suspended.

**Investigational new animal drug (INAD)** - A drug for which there is a valid exemption in effect under Section 512(j) of the Federal Food, Drug, and Cosmetic Act, 21 U.S.C. § 360b(j), to conduct experiments.

**Irrigation** -The spraying or spreading of wastewater onto the land surface or the incorporation of wastewater into the soil to either condition the soil or fertilize vegetation grown in the soil.

**mg/L** - Abbreviation for milligrams per liter.

**Municipal separate storm sewer system (MS4)** - A conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains):

1. owned or operated by the United States, a state, city, town, borough, county, district, association, or other public body (created by or pursuant to state law) having jurisdiction over disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under state law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under Clean Water Act (CWA) § 208 that discharges to surface water in the state;
2. designed or used for collecting or conveying stormwater;
3. which is not a combined sewer; and
4. which is not part of a publicly owned treatment works (POTW) as defined at 40 CFR § 122.2.

**Net pen** **system** -A stationary, suspended, or floating system of nets, screens, trays, or cages located in water in the state and within the boundaries of a permit granted by the Texas Parks and Wildlife Department (TPWD). Net pen systems typically are located along a shore or pier or may be anchored and floating offshore. Net pens and submerged cages rely on tides and currents to provide a continual supply of high-quality water to the animals in production.

**Notice of change (NOC)** - A written submission to the executive director from a permittee authorized under a general permit, providing information on changes to information previously provided to the executive director in a notice of intent form, or any changes with respect to the nature or operations of the regulated entity or the characteristics of the discharge.

**Notice of intent (NOI)** - A written submission to the executive director from an applicant requesting authorization under the terms of this general permit.

**Notice of termination (NOT)** - A written submission to the executive director from a permittee authorized under this general permit requesting termination of authorization.

**Operator** - The person responsible for the overall operation of a facility.

**Owner** - The person who owns a facility or part of a facility.

**Perennial stream** - For the purposes of this general permit, a perennial stream is a stream that exhibits measurable or observed flow for the entire year during most years (with the exception of unusually dry years), or one that provides a 0.1 cubic feet per second (cfs) or greater seven-day, two-year low-flow (7Q2) (where flow records are available).

**Pond bottom sludge** - Accumulations of silt, soils, and other matter in the bottom of ponds.

**Production** - Weight of aquatic species as measured following harvest and prior to processing.

**Production unit** - Earthen ponds, raceways, fabricated tanks, cages, or similar structures utilized for propagating or rearing aquatic species.

**Publicly owned treatment works (POTW)** - A treatment works owned and operated by a state or municipality that includes any device or systems used in the storage, treatment, recycling, and reclamation of municipal sewage or industrial wastes of a liquid nature. This definition includes sewers, pipes, or other conveyances only if they convey wastewater to a POTW providing treatment. This term also means the municipality that has jurisdiction over indirect discharges to and discharges from such a treatment works.

**Recirculating system** - A system that filters and re-uses water in which the aquatic species are produced.

**Site** - The land or water area where any facility or activity is physically located or conducted, including adjacent land used in connection with the facility or activity.

**Shrimp research facilities** -Facilities whose primary purpose is inquiry or experimentation to develop scientific research of shrimp aquaculture methods, disease control, waste control, wastewater treatment technology, and similar subjects. For the purposes of this permit, to be considered as a shrimp research facility, the annual revenues from the sale of any shrimp resulting from the research activities must not exceed the cost of conducting those research activities.

**Submerged cage system** - A stationary, suspended, or floating system of cages located in water in the state and within the boundaries of a permit granted by the TPWD. Submerged cages rely on tides and currents to provide a continual supply of high-quality water to the animals in production.

**Texas Land Application Permit (TLAP)** - A permit issued by TCEQ for the land application and disposal of wastewater that does not result in a discharge to surface water in the state.

**Texas Pollutant Discharge Elimination System (TPDES) Permit** - The state program for issuing, amending, terminating, monitoring, and enforcing permits, and imposing and enforcing pretreatment requirements, under the CWA §§ 307, 402, 318, and 405, the TWC, and the TAC regulations.

**Warm water aquatic species** -All aquatic species except those in the family *Salmonidae* (trout and salmon).

**Water in the State** - Groundwater, percolating or otherwise, lakes, bays, ponds, impounding reservoirs, springs, rivers, streams, creeks, estuaries, wetlands, marshes, inlets, canals, the Gulf of America inside the territorial limits of the state, and all other bodies of surface water, natural or artificial, inland or coastal, fresh or salt, navigable or nonnavigable, and including the beds and banks of all watercourses and bodies of surface water, that are wholly or partially inside or bordering the state or inside the jurisdiction of the state.

**Waste management unit** - Any structure used for containment, detainment, or treatment of wastewater; including canals utilized to transport wastewater from the production unit to a settling pond or discharge point; not including production units.

**Wastewater** - For the purposes of this general permit, wastewater is water that is a result of the following activities:

1. Propagation, rearing, or transportation of aquatic species.
2. Washdown, cleaning, and flushing of fabricated tanks, raceways, ponds, or other containment structures, or process equipment, including sorters and tumblers.
3. Washing, treating, or any other direct contact with aquatic species.

**25-Year, 24-Hour rainfall event** - The maximum rainfall event with a probable recurrence interval of once in 25 years, with a duration of 24 hours, as defined by the National Weather Service in Technical Paper Number 40, "Rainfall Frequency Atlas of the United States," May 1961, and subsequent amendments, or equivalent information or state rainfall information.

# Part II. Permit Applicability and Authorization

## Section A. Discharges Authorized

This general permit authorizes discharges into or adjacent to water in the state by certain concentrated aquatic animal production facilities, aquatic animal production facilities, and other activities related to the propagation or rearing of aquatic species.

Categories of Authorized Discharges

1. Level I Facility

Operations that meet the following descriptions and criteria:

1. retail bait dealers;
2. discharges resulting from the production of crawfish in conjunction with rice farming;
3. ponds used as pay lakes;
4. facilities that exclusively utilize closed ponds;
5. public or commercial aquariums;
6. aquarium suppliers;
7. live fish hauling tanks;
8. any aquaculture facility that utilizes cages or other enclosures placed within public waters for the propagation or rearing of aquatic species with a harvest-weight equal to or less than 10,000 pounds per year, excluding facilities that meet the criteria of Level V; or
9. facilities that temporarily hold and do not feed aquatic species, excluding facilities that meet the criteria of Level IV or Level V.
10. Level II Facility

Aquatic animal production facilities that meet one of the following criteria (a., b., or c.) and that do not produce shrimp in the coastal zone:

1. Produces cold water aquatic species in ponds, raceways, or other similar structures that:
2. discharge into surface water in the state less than 30 days per year; or
3. produce less than 20,000 pounds harvest-weight of aquatic species per year and feed less than 5,000 pounds of food during the calendar month of maximum feeding.
4. Produces warm water aquatic species in ponds, raceways, or other similar structures that:
5. discharge into surface water in the state less than 30 days per year; or
6. produce less than 100,000 pounds harvest-weight of aquatic species per year.
7. Disposes of wastewater by irrigation or evaporation and does not discharge into surface water in the state.
8. Level III Facility

Concentrated aquatic animal production facilities that meet or exceed the thresholds described below in either 3(a) or (b) or a shrimp research facility located inside the coastal zone that meets the criteria below in 3(c):

1. Produces cold water aquatic species in ponds, raceways, or other similar structures that discharge into surface water in the state at least 30 days per year; and either:
2. produce more than 20,000 pounds harvest-weight of aquatic species per year; or
3. feed 5,000 pounds or more of food during the calendar month of maximum feeding.
4. Produces warm water aquatic species in ponds, raceways, or other similar structures that:
5. discharge into surface water in the state at least 30 days per year; and
6. produce more than 100,000 pounds harvest-weight of aquatic species per year.
7. Shrimp research facility within the coastal zone that:
8. discharges into surface water in the state less than 60 days per year;
9. discharges at a daily maximum flow rate of less than 5 million gallons per day; and
10. discharges at a total monthly flow volume of less than 12.5 million gallons.
11. Level IV Facility

Concentrated aquatic animal production facilities that meet the thresholds of Level III and produce 100,000 pounds or more harvest-weight of aquatic species per year in a flow-through system or recirculating system.

1. Level V Facility

Aquaculture facilities that produce oysters in a net pen system or submerged cage system, regardless of annual harvest-weight.

## Section B. Limitations on Authorization

1. The following facilities are not eligible for authorization under this general permit and must apply for authorization under an individual TPDES permit:
2. Any commercial aquaculture facility that produces shrimp species in ponds, raceways, or similar structures within the coastal zone that discharge into surface water in the state.
3. Any commercial aquaculture facility that produces shrimp species, is located within the coastal zone, conducts collaborative research with a shrimp research facility, and discharges into surface water in the state.
4. Any aquaculture facility that discharges to freshwater receiving waters with a total dissolved solids difference between the discharge and the receiving water greater than 500 mg/L.
5. Any aquaculture facility that discharges to an estuarine or marine receiving water with a salinity difference between the discharge and the receiving water greater than 2 parts per thousand (grams per liter).
6. Any aquaculture facility that utilizes cages or other enclosures placed within public waters for the propagation or rearing of aquatic species with a harvest weight greater than 10,000 pounds, except Level V facilities. Discharges are not authorized by this general permit where prohibited by:
7. 30 TAC Chapter 311 (relating to Watershed Protection Rules);
8. 30 TAC Chapter 213 (relating to the Edwards Aquifer);
9. 31 TAC Part 2, Chapter 57, Subchapter C (relating to Introduction of Fish, Shellfish and Aquatic Plants); or
10. any other applicable rules or laws.
11. New sources or new discharges of the pollutant(s) of concern to impaired waters are not authorized by this permit unless otherwise allowable under 30 TAC Chapter 305 (relating to Consolidated Permits) and applicable state law. Impaired waters are those that do not meet applicable water quality standards and are listed as category 4 or 5 in the latest EPA-approved version of the Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 305(d). Pollutants of concern are those pollutants for which a water body is listed as impaired.
12. Discharges of the pollutant(s) of concern to impaired water bodies when there is a TCEQ approved total maximum daily load (TMDL) implementation plan are not eligible for this permit unless they are consistent with the approved TMDL and the Implementation Plan. The executive director may amend this general permit or develop a separate general permit for discharges to these water bodies. For discharges not eligible for authorization under this permit, the discharger must apply for and receive an individual permit or other applicable general permit authorization prior to discharging.
13. Discharges associated with the processing of aquatic species by packing as fresh or frozen product, canning, smoking, salting, drying or otherwise curing, or rendering for use as human or animal food are not authorized by this general permit.
14. The discharge of domestic sewage into or adjacent to water in the state is not authorized by this general permit. All domestic sewage shall be either discharged pursuant to an individual permit issued by TCEQ; routed to an authorized and adequately designed sewage treatment facility or Publicly Owned Treatment Works (POTW); routed to on-site sewage facilities (septic systems) permitted by local authorities; or transported to an approved off-site disposal facility.
15. Facilities that dispose of wastewater by any of the following practices are not required to obtain authorization under this general permit:
16. recycling with no resulting discharge into or adjacent to water in the state;
17. pumping and hauling to an authorized disposal facility;
18. discharge to a POTW;
19. underground injection in accordance with 30 TAC Chapter 331 (relating to Underground Injection Control); or
20. discharge to above ground storage tanks with no resulting discharge into or adjacent to water in the state.
21. The executive director will deny an application for authorization under this general permit and may require that the applicant apply for an individual permit, if the executive director determines that the discharge will not maintain existing uses of receiving waters. Additionally, the executive director may cancel, revoke, or suspend authorization to discharge under this general permit based on a finding of historical and significant noncompliance with the provisions of this general permit. The executive director shall deny or suspend a facility’s authorization for discharge under this general permit based on a rating of “unsatisfactory performer” according to commission rules in 30 TAC § 60.3, *Use of Compliance History*. An applicant who owns or operates a facility that is classified as an “unsatisfactory performer” is entitled to a hearing before the commission prior to having its authorization denied or suspended, in accordance with TWC § 26.040(h). Denial of authorization for discharge under this general permit will be done according to commission rules in 30 TAC Chapter 205, *General Permits for Waste Discharges*.
22. The executive director may deny a Notice of Intent (NOI) to discharge under this general permit based on the potential or actual adverse impact. A determination of potential adverse impact may arise from consideration of such factors as proposed flow rate, production rate, or nature of the receiving stream. The executive director shall also consider any sensitive aquatic habitat in the coastal zone identified in the general guidelines developed by the Texas Parks and Wildlife Department (TPWD). In making a determination of potential adverse impacts, the executive director may also consider other factors, as necessary.
23. Discharges that would adversely affect a listed endangered or threatened species or its critical habitat are not authorized by this permit. Federal requirements related to endangered species apply to all TPDES permitted activities, and site-specific controls may be required to ensure that protection of endangered or threatened species is achieved.

## Section C. Application for Authorization

1. Level I facilities are not required to submit an NOI for authorization under this general permit. Qualifying operations should complete Attachment 1 and use this notice as necessary to demonstrate authorization under this general permit (e.g. when applying to TPWD for aquaculture-related licenses and/or permits). Level I facilities must comply with all applicable provisions of the general permit, including those in Part III, Sections B, E, F, and G and Parts IV, V, and VI. However, it is not necessary to submit Attachment 1 to TCEQ.
2. Level II, Level III, Level IV, and Level V facilities must submit a completed NOI on a form approved by the executive director. The NOI shall, at a minimum, include: the legal name and address of the owner and operator, the site name and address, specific description of its location, type of facility or discharges, and the receiving waters. Permittees authorized under the previous general permit are required to submit a new NOI within 90 days after the effective date of this general permit to continue authorization. Failure to submit a new NOI by the deadline will result in expiration of the existing authorization to operate under the previous general permit.
3. Submission of an NOI is an acknowledgment that the conditions of this general permit are applicable to the proposed discharge, and that the applicant agrees to comply with the conditions of this general permit. Following review of the NOI, the executive director shall either confirm authorization by providing a notification and an authorization number to the applicant or notify the applicant that authorization under this general permit is denied. Authorization under the terms and conditions of this general permit begins when the applicant is issued authorization of coverage.
4. For discharges located in areas regulated by 30 TAC Chapter 213, *Edwards Aquifer*, an authorization to discharge under this general permit is separate from the requirements of that chapter. Discharge may not commence for sites regulated under 30 TAC Chapter 213 until all applicable requirements of the Edwards Aquifer rules are met, including a TCEQ-approved Edwards Aquifer Protection Plan, if applicable. For discharges located on or within ten stream miles upstream of the Edwards Aquifer Recharge Zone, applicants must also submit a copy of the NOI to the appropriate TCEQ regional offices shown below.

Counties: Bexar, Comal, Hays, Kinney, Medina, Travis, Uvalde, and Williamson

Contact: TCEQ Edwards Aquifer Protection Program Manager

 Austin Regional Office

 **P.O. Box 13087**

 **Austin, TX 78711-3087**

512-339-2929

1. Applicants seeking authorization to discharge to a municipal separate storm sewer system (MS4) must provide a copy of the NOI or electronic equivalent to the operator of the system at the same time an NOI is submitted to TCEQ.
2. Authorization under this general permit is not transferable. If either the owner or operator of the regulated entity changes, both the present owner and operator must submit a Notice of Termination (NOT) and the new owner and operator must submit an NOI. The NOT and NOI must be submitted no later than 10 days before the change. Any change in a permittee’s Charter Number, as registered with the Texas Secretary of State, is considered a change in ownership of the company. Permittees discharging to a MS4 must submit a copy of the NOT to the operator of the system at the same time the NOT is submitted to TCEQ.
3. If the owner or operator becomes aware that it failed to submit any relevant facts, submitted incorrect information, or if relevant information provided in the NOI changes (for example: address, phone number, authorization level, discharge days, harvest-weight, aquaculture species produced), the correct information must be provided to the executive director in a Notice of Change (NOC) within 14 days after discovery. Permittees discharging to an MS4 must submit a copy of any NOC to the operator of the system at the same time the NOC is submitted to TCEQ.
4. Operators of aquaculture facilities that intend or plan to expand facilities, harvest-weight, number of discharge days, or other factors that would change the facility level as described in Part II.A of this permit, must comply with one of the following prior to initiating these changes:
5. Level I facilities must submit an NOI and receive authorization;
6. Level II, Level III, Level IV, and Level V facilities must submit a NOC; or
7. obtain authorization under a separate individual or general permit.

## Section D. Termination of Authorization

A permittee shall terminate authorization under this general permit through the submittal of an NOT, on a from approved by the executive director, when the owner or operator of facility changes; the discharge becomes authorized under an individual permit; the use of the property changes and is no longer subject to regulation under this general permit; or the discharge becomes unnecessary, is delayed, or is completed. Authorization terminates on the day that a NOT is postmarked for delivery to TCEQ. If electronic submission of a NOT is provided, and unless otherwise notified by the executive director, termination begins immediately following confirmation of receipt of the electronic NOT form by TCEQ. Compliance with the conditions and requirements of this permit is required until a NOT is submitted. Permittees discharging to an MS4 must submit a copy of the NOT or electronic equivalent to the operator of the system at the same time the NOT is submitted to TCEQ.

## Section E. Authorization Under a TPDES or TLAP Individual Permit

1. Discharges that are eligible for authorization under this general permit may alternatively be authorized under a TPDES permit or TLAP.
2. When an individual permit is issued for a discharge that is currently authorized under this general permit, the permittee shall submit a NOT to the executive director. The authorization under this general permit will be terminated on the day that the NOT is postmarked for delivery to TCEQ.
3. Discharges from facilities that are currently authorized by an individual permit, and discharges from facilities that are currently authorized under another general permit, may only be authorized under this TPDES general permit if the following conditions are met:
4. the discharges meet the applicability and eligibility requirements for authorization under this general permit;
5. the current individual permit does not contain numeric effluent limitations that are more stringent than the numeric effluent limitations in this general permit or the current individual permit does not contain numeric effluent limitations that are not included in this general permit, unless the discharges that resulted in the limitations have ceased and any contamination that resulted in these limitations is removed or remediated;
6. the executive director has not determined that continued authorization under an individual permit is required based on consideration of a TMDL, TMDL Implementation Plan, anti-backsliding requirements, a history of substantive noncompliance, or other site-specific considerations;
7. a previous application or permit for the discharge was not denied, terminated, or revoked by the executive director as a result of enforcement or water quality related concerns. The executive director may provide a waiver to this provision based on new circumstances at the facility, or if there is a new facility owner or operator; and
8. the applicant requests cancellation of the existing individual permit within 30 days after notice that authorization under this general permit is effective.

## Section F. Permit Expiration

1. This general permit is effective for a term of five years from the effective date. Authorizations for discharge that are under the provisions of this general permit may be issued until the expiration date of the general permit. This general permit may be amended, revoked, cancelled, or renewed by the commission after notice and comment as provided by 30 TAC §§ 205.3 and 205.5.
2. If the commission proposes to reissue this general permit before the expiration date, the general permit shall remain in effect after the expiration date for those existing discharges covered by the general permit in accordance with 30 TAC Chapter 205. The general permit shall remain in effect for these discharges until the date on which the commission takes final action on the proposal to reissue this general permit. No new NOIs will be processed by the executive director and no new authorizations will be issued under this general permitafter the expiration date of the general permit or after the effective date of an amended and re-issued general permit.
3. Upon issuance of a renewed or amended general permit, the permittee shall submit an NOI according to the requirements of the new general permit, obtain a TPDES individual permit, or obtain a TLAP for those discharges.
4. If the commission does not propose to reissue this general permit within 90 days before the expiration date, permittees must apply for authorization under an individual permit or an alternative general permit, if available. If the application for an individual permit or alternative general permit is submitted before the general permit expiration date, authorization under this expiring general permit remains in effect until the issuance or denial of an individual permit or authorization under an alternative general permit.

# Part III. Permit Requirements

## Section A. Effluent Limitations

This section applies to Level II facilities that discharge into water in the state, and all Level III and Level IV facilities.

1. Numeric effluent limitations applicable to:
2. Level II facilities that discharge into water in the state;
3. Level III facilities; and
4. Level IV facilities.

| **Parameter** | **Daily Average Limitations** | **Daily Maximum Limitations** | **Sample Type** | **Monitoring Frequency1** |
| --- | --- | --- | --- | --- |
| Flow (Million Gallons per Day, MGD) | Report, MGD | Report, MGD | Estimate or Meter | 1/day |
| Total Suspended Solids | N/A | 90 mg/L | Grab | 1/month |
| Inorganic Suspended Solids | N/A | Report, mg/L | Grab | 1/month |
| Total Residual Chlorine | N/A | 0.1 mg/L | Grab | 1/day2 |
| pH (Standard Units, SU) | 6.0 SU, min | 9.0 SU, max | Grab | 1/week |

1 Monitoring frequency for Level II authorizations shall be once every six months with the exception of flow monitoring which shall be conducted daily.

2 Monitoring for total residual chlorine is required only when the effluent being discharged is chlorinated.

1. Numeric effluent limitations applicable to Level II, Level III, and Level IV facilities discharging to:
2. perennial streams with a head water flow greater than 2.5 cubic feet per second (cfs); or
3. water bodies that are not perennial streams.

| **Parameter** | **Daily Average Limitations** | **Daily Maximum Limitations** | **Sample Type** | **Monitoring Frequency1** |
| --- | --- | --- | --- | --- |
| Dissolved Oxygen | 5.0 mg/L minimum | N/A | Composite2 | 1/week |
| Carbonaceous Biochemical Oxygen Demand (5-day) | N/A | 250 lbs/day and Report, mg/L | Grab | 1/month |
| Ammonia Nitrogen | N/A | 2.0 mg/L | Grab | 1/month |

1 Monitoring frequency for Level II authorizations shall be once every six months.

2 Four grab samples shall be collected and analyzed individually. The results of those analyses shall be averaged for reporting purposes. The first sample shall be taken within 30 minutes of initial discharge. Subsequent samples shall be taken at intervals of no less than two hours and no more than four hours apart with a minimum of four samples or until the discharge is discontinued. At least one of the four samples shall be collected between 6:00 a.m. and 9:00 a.m. if the discharge occurs within this time period.

1. Numeric effluent limitations applicable to Level II, Level III, and Level IV facilities discharging to perennial streams with a head water flow less than 2.5 cfs:

| **Parameter** | **Daily Average Limitations** | **Daily Maximum Limitations** | **Sample Type** | **Monitoring Frequency1** |
| --- | --- | --- | --- | --- |
| Dissolved Oxygen | 6.0 mg/L, min | N/A | Composite2 | 1/week |
| Carbonaceous Biochemical Oxygen Demand (5-day) | N/A | 64 lbs/day and Report, mg/L | Grab | 1/month |
| Ammonia Nitrogen | N/A | 2.0 mg/L | Grab | 1/month |

1 Monitoring frequency for Level II authorizations shall be once every six months.

2 Four grab samples shall be collected and analyzed individually. The results of those analyses shall be averaged for reporting purposes. The first sample shall be taken within 30 minutes of initial discharge. Subsequent samples shall be taken at intervals of no less than two hours and no more than four hours apart with a minimum of four samples or until the discharge is discontinued. At least one of the four samples shall be collected between 6:00 a.m. and 9:00 a.m. if the discharge occurs within this time period.

## Section B. General Requirements

This section applies to all Level I, Level II, Level III, Level IV and Level V facilities.

1. Any new facility that is required to obtain authorization under this general permit or an individual permit may not commence construction of any waste management unit without first receiving either authorization in accordance with this general permit, an individual permit, or authorization for the construction.
2. Any permittee that is engaged in the propagation or rearing of shrimp that exhibit one or more manifestations of disease, as defined in 31 TAC Chapter 57, Subchapter A or 31 TAC Chapter 69, Subchapter F shall immediately report the observations to the appropriate TCEQ regional office and TCEQ’s Wastewater Permitting Section (MC-148), and to the TPWD, and shall comply with all the requirements of 31 TAC Chapters 57 or 69 as well as other actions deemed appropriate by the TPWD. The TPWD shall be notified immediately of the disease diagnosis. Any actions that are deemed as necessary by the permittee and approved by the TPWD to prevent transmission of the disease to aquatic life endemic to water in the state shall be implemented as soon as possible. The executive director may additionally require cessation of the discharge of effluent from the facility as necessary to protect aquatic life in the receiving stream from potential adverse impacts.
3. Permittees that are in possession of fish or shellfish shall notify the appropriate TCEQ regional office and TCEQ’s Wastewater Permitting Section (MC-148) immediately upon a finding that the facility meets the quarantine conditions imposed by TPWD regulations. There shall be no discharge during the quarantine period, except in accordance with an Emergency Plan approved by TPWD and the executive director. Following the lifting of the quarantine condition by TPWD, the executive director shall lift the prohibition on discharge to allow for implementation of the facility's Emergency Plan, in accordance with a permit from the TPWD.
4. In the event that a facility appears to be in imminent danger of overflow, flooding, or similar conditions that could either result in the release of exotic species that are regulated by the TPWD or that would result in the violation of a quarantine condition imposed by the executive director or TPWD, the permittee may discharge effluent in excess of the permitted flow rates, but only to the extent necessary to comply with an Emergency Plan that is approved by the TPWD.
5. Effluent limitations, discharge flow limitations, and other effluent monitoring requirements of this permit shall be set aside during this activity.
6. The permittee shall notify the appropriate TCEQ regional office at least 48 hours prior to initiating any action under an Emergency Plan in response to an emergency event whenever possible, such as landfall of a hurricane, and shall notify the regional office as soon as practicable following initiation of the Emergency Plan.
7. The permittee shall control discharges relating to the initiation of the Emergency Plan in the most environmentally sound manner that is practicable. Within 30 days following initiation of the Emergency Plan, the permittee shall submit a written report to the appropriate TCEQ regional office that includes the following information;
8. the cause for initiation of the Emergency Plan;
9. the actions taken to avoid or negate impacts of the discharge to the receiving stream;
10. the volumes of wastewater discharged;
11. the dates that discharges occurred; and
12. a general summary of receiving stream conditions at the time of the discharge.
13. It is the permittee's responsibility to demonstrate that the discharges were necessary and that conditions required initiation of the Emergency Plan.
14. Facilities authorized under this general permit shall be operated in such a manner as to prevent the creation of a nuisance condition of air pollution as mandated by Texas Health and Safety Code (THSC) Chapters 341 and 382.
15. All production units and waste management units, whether constructed of earthen or other impervious material, shall be designed, constructed, and operated so as to prevent groundwater contamination.
16. Soils used in the construction of a pond's embankment walls shall be free of foreign material such as brush, trees, and large rocks. All soil embankment walls shall be protected by a vegetative cover, to the extent possible, or other stabilizing material other than trees and shrubs to prevent erosion. Erosion stops and water seals shall be installed on all piping that penetrates the embankments.
17. Waste management units must be located a minimum horizontal distance of:
18. 150 feet from private water wells; and
19. 500 feet from public water supply wells.
20. Earthen levees and dikes shall be protected by a vegetative cover, other than trees and shrubs, or other stabilizing material to the extent possible to prevent erosion. Vegetation, when utilized, shall be maintained at all times through mowing, watering, or other suitable maintenance practices.
21. A site map must be developed that depicts the following:
22. the site boundaries;
23. each production unit;
24. each waste management unit;
25. the location of each outfall and sampling point if different from the outfall location;
26. the location of all receiving waters; and
27. the location of irrigation areas, if applicable.
28. Permittees must coordinate with, and abide by the rules of, the following State agency.

 Texas Parks and Wildlife Department

 4200 Smith School Road

 Austin, TX 78744

 512-389-4800

 800-792-1112

 https://tpwd.texas.gov

## Section C. Specific Requirements for Certain Level II Facilities

This section applies to Level II facilities authorized under Part II. Section A.2.(c) that do not discharge into water in the state.

1. There shall be no discharge of wastewater into water in the state. The facility shall be designed so that all wastewater is either utilized by irrigation or disposed of by evaporation.
2. The facility may use wastewater for other beneficial re-use; however, the facility must be designed in accordance with Part III.C.1. of this permit.
3. A facility that disposes of wastewater by irrigation shall comply with all irrigation requirements in Part III. Section F. of this permit and shall design, operate, and maintain irrigation ponds, if used, as follows:
4. The irrigation holding ponds shall provide for adequate storage to prevent overflow. The storage requirements of the irrigation holding ponds shall be based on a design rainfall year with return frequency of at least 25 years (the expected 25 year - one year rainfall, alternately the highest annual rainfall during the last 25 years of record may be used) and a normal monthly distribution, the application rate and cycle, the effluent available on a monthly basis, and evaporation losses in accordance with 30 TAC § 309.20.
5. A facility that disposes of wastewater by evaporation shall comply with the following:
6. Evaporation ponds shall be sized to prohibit overflow. Evaporation ponds sizing shall be based upon whichever of the following two evaluations results in a larger capacity pond:
7. Critical Conditions. The year with the lowest net evaporation (for a minimum period of record of 25 years) or other appropriate data (e.g., highest precipitation and lowest pan/lake evaporation). The calculation should include the volume of effluent routed to the evaporation pond on a monthly basis for an entire year.
8. Average Conditions. The average net evaporation (for the entire period of record) or other appropriate data (e.g., average precipitation and average pan/lake evaporation). When two consecutive average years are reviewed, there should be no accumulation of water in the evaporation system. The calculation should include the volume of effluent routed to the evaporation pond on a monthly basis for an entire year.
9. Evaporation ponds shall be operated to maintain a minimum freeboard of two feet at all times.

## Section D. Specific Requirements for Level IV and Level V Facilities

This section applies to Level IV and Level V facilities.

1. Failure in, or damage to, the structure of a production unit resulting in an unanticipated material discharge of pollutants into or adjacent to waters in the state shall be reported orally, by electronic mail, or by electronic facsimile transmission to the appropriate TCEQ regional office within 24 hours of the permittee becoming aware of the discharge and shall include a description of the cause of the failure or damage and an identification of materials that were released to the environment as a result of the failure. A written report shall be provided by the permittee to the appropriate TCEQ regional office and TCEQ’s Industrial Permits Team (MC-148) within five working days of the discharge. The written report shall contain:
2. a cause of the failure or damage to the structure;
3. the potential danger to human health or safety, or the environment;
4. the period of discharge, including exact dates and times;
5. an identification of the material released;
6. the quantity of the material released;
7. if the failure has not been corrected, the anticipated time it is expected to continue; and
8. the steps taken or planned to reduce, eliminate, and prevent recurrence of the failure.
9. In the event a spill of drugs, pesticides, or feed occurs that results in a discharge to water in the state, the permittee must provide an oral report of the spill to the appropriate TCEQ regional office within 24 hours of its occurrence and a written report within 7 days to the appropriate TCEQ regional office and TCEQ’sIndustrial Permits (MC-148) identifying the type and quantity of the material spilled.
10. A Level IV permittee mustdevelop and maintain a Best Management Practices (BMP) plan. The permittee must certify in the NOI that a BMP plan has been developed at the time of NOI submittal. The plan must be kept on site for a minimum of five years from the date of the record or sample, measurement, report, or certification and be made available for inspection by the executive director. The BMP plan must describe how the permittee will achieve the following:
11. Solids Control. The permittee must:
12. employ efficient feed management and feeding strategies that limit feed input to the minimum amount reasonably necessary to achieve production goals and sustain targeted rates of aquatic animal growth in order to minimize potential discharges of uneaten feed and waste products into or adjacent to water in the state;
13. identify and implement procedures for routine cleaning of production units and off-line waste management units to minimize the discharge of accumulated pond bottom sludge; and
14. identify and implement procedures to minimize any discharge of accumulated pond bottom sludge during the inventorying, grading, and harvesting of aquatic species from the production units.
15. Materials Storage. The permittee must:
16. ensure proper storage of drugs, pesticides, and feed in a manner designed to prevent spills that may result in the discharge of drugs, pesticides, or feed into or adjacent to water in the state; and
17. identify and implement procedures for properly containing, cleaning, and disposing of any spilled material.
18. Structural maintenance. The permittee must:
19. inspect production units and waste treatment units on a routine basis in order to identify and promptly repair any damage; and
20. conduct regular maintenance of the production units and waste treatment units in order to ensure that they are functioning properly.
21. Recordkeeping. The permittee must maintain records that document:
22. the feed amounts and estimates of the numbers and weight of aquatic species for each production unit in order to calculate representative feed conversion ratios; and
23. the frequency of cleaning, inspections, maintenance, and repairs of production units and waste management units.
24. Training. Facility personnel must be trained in:
25. spill prevention and how to respond in the event of a spill;
26. the proper operation and cleaning of production units and waste management units;
27. feeding procedures; and
28. the proper use of equipment.
29. A Level V permittee must develop and maintain a BMP plan. The permittee must certify in the NOI that a BMP plan has been developed at the time of NOI submittal. The plan must be kept on site for a minimum of five years from the date of the record or sample, measurement, report, or certification and be made available for inspection by the executive director. The BMP plan must describe how the permittee will achieve the following:
30. Feed management. The permittee is prohibited from feeding oysters in a net pen system or submerged cage system.
31. Waste collection and disposal. The permittee must collect, return to shore, and properly dispose of all packaging materials, waste rope, and netting.
32. Transport or harvest discharge. The permittee must minimize any discharge associated with the transport or harvesting of aquatic species including blood, viscera, aquatic animal carcasses, or transport water containing blood.
33. Carcass removal. The permittee must remove and dispose of aquatic species mortalities properly on a regular basis to prevent discharge to waters of the U.S.
34. Materials storage. The permittee must:
35. ensure proper storage of drugs and pesticides in a manner designed to prevent spills that may result in the discharge of drugs or pesticides to water in the state; and
36. implement procedures for properly containing, cleaning, and disposing of any spilled material.
37. Maintenance. The permittee must
38. inspect the production units on a routine basis in order to identify and promptly repair any damage; and
39. conduct regular maintenance of the production units in order to ensure that they are properly functioning.
40. Recordkeeping. The permittee must:
41. maintain records for net pens documenting the estimates of the numbers and harvest-weight of aquatic species; and
42. keep records of the net changes, inspections and repairs.
43. Training. The permittee must:
44. adequately train all relevant facility personnel in spill prevention and how to respond in the event of a spill, in order to ensure the proper clean-up and disposal of spilled material; and
45. train staff on the proper operation and cleaning of production units and proper use of equipment.

## Section E. Management of Solid Waste

This section applies to all Level I, Level II, Level III, Level IV, and Level V facilities.

1. Facilities that generate industrial solid wastes, as defined in 30 TAC § 335.1, shall comply with the provisions of 30 TAC Chapter 335 (relating to Industrial Solid Waste and Municipal Hazardous Waste). If the requirements of 30 TAC Chapter 335 do not apply to particular solid wastes they shall be disposed of in accordance with the THSC Chapter 361.
2. Dead aquatic species shall be routinely removed from production units and disposed of properly. Removal of dead aquatic species must be conducted in a manner to prevent contamination of water in the state and to prevent a nuisance or public health hazard. Dead aquatic species may not be disposed of into or adjacent to water in the state. The disposal of dead aquatic species on the surface of the land is prohibited.
3. The permittee shall maintain management records for all pond bottom sludge and other waste removed for disposal. The records shall be updated on a monthly basis; retained on-site for a minimum period of five years from the date of the record, measurement, or report; and available for inspection by the executive director. Records must include the following, at a minimum:
4. the volume of waste disposed of off-site;
5. the origin and general composition of waste;
6. the date(s) of disposal;
7. the identity of hauler or transporter;
8. the location and total acreage of disposal site; and
9. the method of final disposal.
10. All pond bottom sludge stockpiled or retained on-site shall be isolated from all stormwater run-on by dikes, terraces, berms, ditches, or other similar structures. The dike, terrace, berm, ditch, or similar structures shall be designed, constructed, and maintained to prevent run-on of the volume of rainfall generated by a 25-year, 24-hour storm event.
11. Adequate solid waste storage capacity shall be provided and be based upon waste production.
12. Removal of pond bottom sludge from production units or waste management units shall be conducted during favorable wind conditions that carry odors away from nearby receptors such as residences, businesses, and public buildings. At no time shall emissions from any activity create a nuisance odor condition.
13. Removal of accumulated pond bottom sludge from production units and waste management units must be conducted in a manner to prevent exceedance of the effluent limitations located in Part III. Section A. of this permit.
14. Pond bottom sludge may not be land applied within 100 feet of any private water well or within 500 feet of a public water supply well.
15. The permittee is prohibited from cleaning net pen system components (such as ropes, netting, cages, anchors, etc) in or over water in the state.

Level V facilities are exempt from this prohibition and may clean net pen system and submerged cage system components in or over water in the state when cleaning activities are conducted:

1. for routine washing to remove fouling (i.e., algae and barnacle accumulations);
2. without the use of detergents or other chemicals;
3. in a manner that does not damage or compromise net pen system and submerged cage system components (including any coatings or coverings); and
4. in a manner that does not cause substantial and persistent changes from ambient conditions of turbidity and color.

## Section F. Wastewater Irrigation and Other Beneficial Re-Uses

This section applies to all Level I, Level II, Level III, Level IV, and Level V facilities that use wastewater for irrigation or other beneficial re-uses.

1. Beneficial on-site re-use of wastewater may occur to allow the safe utilization of this wastewater for conservation of surface and groundwater. Beneficial re-use may include, but is not limited to, landscape irrigation, fire protection, dust suppression, soil compaction, and maintenance of impoundments. Beneficial re-use is not a method for disposal.
2. Irrigation and other beneficial re-use practices shall be designed and managed to prevent contamination of ground or surface waters and to prevent the occur­rence of nuisance conditions.
3. Irrigation and other beneficial re-use of wastewater shall be conducted in a manner that prevents wastewater runoff from the irrigation or beneficial re-use area. The hydraulic loading rate shall be designed based on crop needs in accordance with 30 TAC § 309.20. The nitrogen and phosphorus requirements of the crops shall not be exceeded as to not create a buildup of excessive nutrients in the soil. Application, of wastewater shall not exceed the available water holding capacity or saturated hydraulic conductivity of the soil.
4. Wastewater shall not be land applied within 100 feet of any private water well or within 500 feet of a public water supply well.
5. The permittee shall maintain an operating log that records the volume of wastewater used for irrigation each day, the time at which each wastewater application period commences and terminates, and the actual surface area irrigated each day. For beneficial re-uses other than irrigation, the permittee must record in the operating log the volume of wastewater re-used each day and the type of re-use (fire protection, dust suppression, etc.) The operating log shall be retained on-site for a minimum period of five years from the date of the record, measurement, or report for inspection by the executive director.
6. Wastewater shall not be land applied when the ground is frozen or saturated, during rainfall events, within 24 hours after a measured rainfall of 0.5 inch or greater, or to any surface area containing standing water.
7. The permittee shall use cultural practices to promote and maintain the health of a perennial crop of vegetative cover over the irrigated area. Crops shall be harvested, (cut and removed from the field) at least once each year to prevent nuisance conditions. Fertilizers or other nutrient sources may be used if necessary to maintain healthy vegetation on the irrigated fields. Records of addition of fertilizers and harvesting and mowing dates shall be recorded in a logbook kept on site to be made available to TCEQ personnel upon request for three years.
8. The physical condition of the land application fields shall be monitored on a weekly basis for problems such as surface runoff, surficial erosion, or stressed or damaged vegetation, etc. Corrective measures will be implemented within 24 hours of discovery.
9. Stormwater drainage shall be prevented from entering any irrigation holding ponds.
10. For any area where treated effluent is stored or where there exist hose bibs or faucets, the permittee shall erect adequate signs stating that the irrigation water is from a non-potable water supply. Signs shall consist of a red slash superimposed over the international symbol for drinking water accompanied by the message “DO NOT DRINK THE WATER” in both English and Spanish. All piping transporting the effluent shall be clearly marked with these same signs.
11. Spray fixtures for the irrigation system shall be of such design that they cannot be operated by unauthorized personnel.
12. Irrigation with wastewater shall only be done when the irrigation area is not in use.

## Section G. Discharge of Wastewater into Water in the State

This section applies to all Level I, Level II, Level III, Level IV, and Level V facilities that discharge into water in the state.

1. All discharges shall comply with 30 TAC § 319.22 (relating to Quality Levels-Inland Waters) or shall comply with 30 TAC § 319.23 (relating to Quality Levels-Tidal Waters).
2. There shall be no discharge of floating solids or visible oil, nor shall the discharge cause any nuisance conditions affecting the public along the discharge route. The discharge shall not exhibit foaming of a persistent nature as required by 30 TAC § 307.4(b).
3. Dewatering of ponds shall be accomplished by discharge of the uppermost portion of the water column, when possible, to avoid discharge of disturbed bottom sediments.
4. The re-use of pond wastewater should occur to the maximum extent possible. Pond wastewater shall be recirculated or re-used wherever appropriate and cost effective.
5. Discharges shall be controlled such that flow rates minimize any increase in turbidity of the receiving stream due to erosion or suspension of sediments.
6. Discharges shall not cause substantial and persistent changes from ambient conditions of turbidity and color.
7. Drugs, Medications, and Chemicals
8. Only drugs, medications, and chemicals approved by the United States Environmental Protection Agency (EPA) or the United States Food and Drug Administration (FDA) for aquaculture use may be used in water that will be discharged. Treatment shall be limited to those aquatic species and to those purposes for which approval was granted. Treatment shall be used only as necessary, and only as directed on the product label. The water shall be diluted, held for a specific time, or neutralized prior to discharge as directed on the product label or as necessary to comply with 30 TAC Chapter 307 (relating to Texas Surface Water Quality Standards) or as needed to be below the concentration level used for a long-term static treatment, whichever is the lowest concentration. Records of all drugs, medications, and chemicals utilized for treatment shall be maintained on a monthly basis at the facility and shall be readily available for inspection by authorized representatives of the executive director for at least three years. Records shall include treatment concentrations, discharge volumes and dates and a product label or Material Safety Data Sheet for each drug, medication, or chemical utilized.
9. Notification, outlined below, shall be provided to TCEQ’s Industrial Permits Team (MC-148), of the use of any investigational new animal drug (INAD) or any extralabel drug where such a use may lead to discharge of the INAD or extralabel drug. Reporting is not required for an INAD or extralabel drug use that has been previously approved by FDA for a different species or disease if the INAD or extralabel use is at or below the approved dosage and involves similar conditions of use.
10. The permittee must provide a written report of an INAD’s impending use within 7 days of participating in an INAD study. The written report must identify the INAD to be used, method of use, the dosage, and the disease or condition the INAD is intended to treat.
11. For INADs and extralabel drug uses, the permittee must provide an oral report as soon as possible, preferably in advance of use, but no later than 7 days after initiating use of an INAD or extralabel drug. The oral report must identify the drugs used, methods of application, and the reason for using the particular drug or drugs.
12. For INADs and extralabel drug uses, the permittee must provide a written report within 30 days after initiating use of the INAD or extralabel drug. The written report must identify the drug or drugs used and include the following: the reason for treatment, dates(s) and time(s) of the addition (including duration), method of application, and the amount added.
13. Notification shall not be required for the use of compounds that have undergone review by the FDA and have been determined by the FDA to be drugs of low regulatory priority.

# Part IV. Discharge Monitoring and Reporting Requirements

This part applies to all Level I, Level II, Level III, Level IV, and Level V facilities that are required to conduct monitoring, sampling, or reporting.

## Section A. Sampling Requirements

1. Monitoring samples and measurements shall be taken at times and in a manner so that it is representative of the monitored activity.
2. The sampling point used to determine compliance with the monitoring conditions of this general permit must be downstream of any waste management unit used and prior to discharge into water in the state.
3. The permittee shall ensure that properly trained and authorized personnel monitor and sample the discharge.
4. All samples must be collected according to the latest edition of "*Standard Methods for the Examination of Water and Wastewater*" (prepared and published jointly by the American Public Health Association, the American Waterworks Association and the Water Environmental Federation), the EPA's, "*Methods for Chemical Analysis of Water and Wastes*" (1983), or the EPA's, "*Biological Field and Laboratory Methods for Measuring the Quality of Surface Waters and Effluents*" (1973).
5. Sample containers, holding times, preservation methods, and the methods of analyses for effluent samples shall meet the requirements in 40 CFR Part 136 (as amended), or shall be in accordance with the latest edition of "*Standard Methods for the Examination of Water and Wastewater*" referenced above.
6. All laboratory tests required to demonstrate compliance with this permit must meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification.

## Section B. Reporting Requirements

1. Monitoring results shall be provided on an approved Discharge Monitoring Report form (DMR) (EPA Form 3320-1) or online using the NetDMR reporting system available through TCEQ’s website. Effluent sampling shall be conducted in accordance with the monitoring frequencies specified in this general permit. DMRs shall be submitted on a monthly basis to TCEQ's Enforcement Division (MC-224). The DMR for any given calendar month shall be due by the 20th day of the following calendar month for each discharge that is described by this permit regardless of whether there is a discharge during the reporting month. The DMRs must be signed in accordance with the requirements in Part V.7 of the general permit. If noncompliance with an effluent limitation occurs, the permittee shall provide notification according to Part IV, Section B.4 of this permit.
2. If the permittee monitors any pollutant in a discharge more frequently than required by the permit using approved analytical methods as specified in this permit, all results of such monitoring shall be included in the calculation and recording of the values on the DMR. Increased frequency of sampling shall be indicated on the DMR.
3. The records of all monitoring activities shall be maintained at the facility and shall be readily available for inspection by authorized representatives of TCEQ for a minimum period of five years from the date of the record or sample, measurement, report, or certification. Records of monitoring activities shall include:
4. the date, time and place of sample or measurement;
5. the identity of individual who collected the sample or made the measurement;
6. the date of the analysis;
7. the identity of the individual(s) and laboratory who performed the analysis;
8. the technique or the method of analysis; and
9. the results of the analysis or measurement.
10. The permittee shall provide the following noncompliance notifications:
11. According to 30 TAC § 305.125(9), *Standard Permit Conditions*, any noncompliance that may endanger human health or safety, or the environment, shall be reported by the permittee to TCEQ. Report of such information shall be provided orally, by facsimile (FAX), or by email to the appropriate TCEQ regional office within 24 hours of the permittee becoming aware of the noncompliance. A written report shall be provided by the permittee to the appropriate TCEQ regional office and TCEQ’s Enforcement Division (MC-224) within five working days of the permittee becoming aware of the noncompliance. The written report shall be submitted to P.O. Box 13087, Austin, Texas 78711-3087 or by FAX. The written report shall contain:
12. a description of the noncompliance and its cause;
13. the potential danger to human health or safety, or the environment;
14. the period of noncompliance, including exact dates and times;
15. if the noncompliance has not been corrected, the anticipated time it is expected to continue;
16. the steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance and to mitigate its adverse effects; and
17. the quality assurance/quality control records.
18. If the analytical results indicate a violation of one or more of the permitted effluent limitations, the permittee shall submit a Discharge Monitoring Report (DMR) by the 20th day of the month following the discharge. Effluent limitation violations shall be reported using the NetDMR reporting system available through TCEQ’s website or an approved DMR form (EPA No. 3320-1) to TCEQ Enforcement Division (MC-224), if the permittee has obtained an electronic reporting waiver.

Any effluent violation which exceeds the permitted effluent limitation by more than 40% shall be reported by the permittee in writing to the appropriate Regional Office and the Enforcement Division (MC-224) within 5 working days of becoming aware of the noncompliance. For effluent limitation violations, noncompliances shall be reported online using the NetDMR reporting system available through TCEQ’s website or on an approved DMR form, if the permittee has obtained an electronic reporting waiver.

1. Any noncompliance other than those specified in this section, or any required information not submitted or submitted incorrectly, shall be reported to the Enforcement Division (MC-224) as promptly as possible.

# Part V. Standard Permit Conditions

This part applies to all Level I, Level II, Level III, Level IV, and Level V facilities.

1. The permittee has a duty to comply with all conditions in this general permit. Failure to comply with any permit condition is a violation of the permit and statutes under which it was issued and is grounds for enforcement action, for terminating authorization under this general permit, or for requiring a permittee to apply for and obtain an individual TPDES permit or TLAP.
2. It is not a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the permit conditions.
3. The permittee shall, at all times, properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) installed or used by the permittee to achieve compliance with the permit conditions. Proper operation and maintenance also includes adequate laboratory and process controls and appropriate quality assurance procedures. This provision requires the operation of back-up facilities, auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the general permit.
4. The permittee must submit, upon request of the executive director, any information that is necessary for the executive director to determine whether cause exists for revoking, suspending, or terminating authorization under this general permit. Additionally, the permittee must submit, upon request of the executive director, copies of all records that the permittee is required to maintain as a condition of this general permit. The requested information or records must be provided within a reasonable time frame and in no case later than 30 days from the date of the request.
5. The permittee shall give notice to the executive director and TPWD before physical alterations or additions to the permitted facility if such alterations or additions would result in a violation of permit requirements.
6. Inspection and entry shall be allowed under TWC Chapter 26, THSC §§ 361.032-361.033 and 361.037, and Title 40 CFR § 122.41(i). The statement in TWC § 26.014 that commission entry of a facility shall occur in accordance with an establishment's rules and regulations concerning safety, internal security, and fire protection are not grounds for denial or restriction of entry to any part of the facility, but merely describes the commission's duty to observe appropriate rules and regulations during an inspection.
7. All reports, NOIs, NOTs, NOCs, and other information requested by the executive director shall be signed by the person and in the manner required by 30 TAC § 305.44 (relating to Signatories to Applications).
8. Authorization under this general permit may be suspended or revoked for reasons stated in 30 TAC § 205.4 (relating to Authorizations and Notices of Intent). The filing of a notification by the permittee of planned changes or anticipated noncompliance does not stay any permit condition.
9. The permittee is subject to administrative, civil, and criminal penalties, as applicable, under TWC §§ 7.051, 7.101, 7.148, and 7.149 for violations including but not limited to the following:
10. violating CWA, §§ 301, 302, 306, 307, 308, 318, or 405, or any condition or limitation implementing any sections in a permit issued under CWA § 402, or any requirement imposed in a pretreatment program approved under CWA §§ 402(a)(3) or 402(b)(8);
11. intentionally or knowingly tampering with, modifying, disabling, or failing to use pollution control or monitoring devices, systems, methods, or practices required under this permit; or
12. intentionally or knowingly making any false statement, representation, or certification in any record or other document submitted or required to be maintained under this general permit, including monitoring reports or reports of compliance or noncompliance.
13. Authorization under this general permit does not convey property or water rights of any sort and does not grant any exclusive privilege.
14. The permittee shall retain all records related to the application, monitoring, or certification for a period of five years from the date of the record or sample, measurement, report, application, or certification.
15. Applicants seeking authorization under this general permit and permittees that are authorized under this general permit are hereby issued a waiver from the electronic reporting requirements of 40 CFR Part 127. Therefore, applicants and permittees may continue to submit NOI, NOT, and NOC forms to TCEQ in paper format. Permittees may submit DMR forms in paper format or online using the NetDMR reporting system available through TCEQ’s website.

# Part VI. Fees

The submission of an NOI to the executive director must include an application fee of $100.00. Additionally, the executive director will assess an annual water quality fee under TWC § 26.0291, in accordance with the following fee rate schedule.

1. Level I Authorization

No annual water quality fee will be assessed.

1. Level II Authorization

An annual water quality fee of $100.00 will be assessed.

1. Level III Authorization

An annual water quality fee of $250.00 will be assessed.

1. Level IV Authorization

An annual water quality fee of $250.00 will be assessed.

1. Level V Authorization

An annual water quality fee of $250.00 will be assessed.

**Attachment 1**

# Notice of Water Quality Authorization

Qualifying Level I facilities must complete this notice and use it as necessary to demonstrate authorization under this general permit.

**Section A:** Select one of the options under Item 1 **OR** select Yes under Item 2.

1. This facility qualifies for, and is authorized as a Level I Facility under, Part II.A.1 of the Texas Commission on Environmental Quality's General Permit Number TXG130000. This facility qualifies under the following description and criteria. Select the facility type (more than one may be selected).

[ ]   Retail bait dealer

[ ]   Crawfish production in conjunction with rice farming

[ ]   Ponds used as pay lakes

[ ]   Facility that exclusively utilizes closed ponds

[ ]   Public or commercial aquarium

[ ]   Aquarium supplier

[ ]   Live fish hauler

[ ]   An aquaculture facility that utilizes cages or other enclosures placed within public waters for the propagation or rearing of aquatic species with a harvest-weight equal to or less than 10,000 pounds, excluding facilities that meet the criteria of Level V.

[ ]   A facility that only temporarily holds and does not feed aquatic species, excluding facilities that meet the criteria of Level IV and V.

1. This facility is not required to obtain a water quality discharge permit from the Texas Commission on Environmental Quality because the facility meets one of the criteria identified in Part II.B.7 of General Permit Number TXG130000. Yes [ ]

**Section B:** Provide the following information for the qualifying Level I facility:

Site Name:

Site Physical Address or Location Description:

Contact Name:

Contact Phone Number:

I certify under penalty of law that I have read and understand the eligibility requirements for claiming authorization under Part II.A.1 or the permit exemption under Part II.B.7 of TPDES General Permit TXG130000 and agree to comply with the terms of the permit. I am aware there are significant penalties for providing false information or for conducting unauthorized discharges, including the possibility of fine and imprisonment for knowing violations.

Printed Name:

Signature: Date: