

WORKSHEET 11.2

COOLING WATER INTAKE STRUCTURES

EXISTING FACILITIES

1. *Extensions and Exceptions to Application Requirements (See 40 CFR §122.21(r))*

Application information required by 40 CFR § 122.21(r) (listed in Section 2 of this Worksheet) must be submitted for any application to renew a permit where the facility is subject to 40 CFR §§ 125.90 – 125.99, unless the following extensions or exemptions are requested by the applicant and granted by the TCEQ during the review of this application.

Facilities that are NOT subject to 40 CFR §§ 125.90 – 125.99 are not required to complete this worksheet.

Note: If you complete this section (*Extensions and Exceptions to Application Requirements*), Section 2 (*Application Requirements*) is not required at this time; however, additional information may be requested by the TCEQ during the application review process.

a. **Application requirements exemption**

To obtain an exemption from certain application requirements, please read the following statement below and check yes or no in the boxes provided.

The facility has submitted, or intends to submit, documentation to the TCEQ demonstrating that all cooling water intake structures are located in a man-made lake or reservoir, and that the fisheries for that man-made lake or reservoir are stocked and managed by a State or Federal natural resources agency or the equivalent.

Yes No

If “Yes,” then the facility is eligible for an exemption from application requirements under 40 CFR § 122.21(r). The facility is not required to submit the information required by 40 CFR § 122.21(r) at this time. It is still within the discretion of the TCEQ to request additional information, either via correspondence during the application review or as additional permit terms and conditions. The additional information may include some or all of the application materials required under 40 CFR § 122.21(r).

If “No,” continue on to the next section.

b. Application requirements extension

To obtain an extension on submitting the facility's required application information, please read the following statement below and check yes or no in the boxes provided.

The information required under 40 CFR § 122.21(r) was not available at the time of this application, and the existing (currently effective) permit's expiration date is prior to or on July 14, 2018. I acknowledge that the information required under 40 CFR § 122.21(r) must be submitted with any application for renewal of a permit that has an expiration date after July 14, 2018.

Yes No

If "No" is checked, the permittee must submit application information required by 40 CFR § 122.21(r) with this application or as a supplement to this application at a later date, or request an alternate submittal schedule under c. below.

c. Alternate submittal schedule for application requirements

To obtain an alternate submittal schedule for application requirements applicable to the facility, please read the following statement below and check yes or no in the boxes provided.

The application materials were not, or will not, be available by the applicable date for submittal (i.e., any renewal application for a permit that expires after July 14, 2018).

Yes No

If "No" is checked, the permittee must submit application information required by 40 CFR § 122.21(r) with this application, or as a supplement to this application at a later date.

If "Yes" was indicated above, the applicant is required to submit a description of the factors preventing the completion of application requirements by the date for submission. Please provide the attachment number for the description.

Attachment number: _____

By checking "Yes," the permittee must coordinate with TCEQ staff to develop a due date for the required application information.

2. Application Requirements

Submit the following items (only as each item is determined by the permittee to apply to the facility) as an attachment to TPDES permit application, and indicate the attachment number in the space provided. The submittal date is not required, but may be noted in the space provided if the required information was sent previously.

a. Items required for all facilities subject to 40 CFR §§ 125.90 – 125.99, unless exempted under Section 1.a. of this worksheet.

Source water physical data -40 CFR § 122.21(r)(2)

Attachment number _____ Submittal date _____

Cooling water intake structure data - 40 CFR § 122.21(r)(3)

Attachment number _____ Submittal date _____

Source water baseline biological characterization data - 40 CFR § 122.21(r)(4)

Attachment number _____ Submittal date _____

Cooling water system data- 40 CFR § 122.21(r)(5)

Attachment number _____ Submittal date _____

Chosen method(s) of compliance with impingement mortality standard- 40 CFR § 122.21(r)(6)

Attachment number _____ Submittal date _____

Entrainment performance studies - 40 CFR § 122.21(r)(7)

Attachment number _____ Submittal date _____

Operational status - 40 CFR § 122.21(r)(8)

Attachment number _____ Submittal date _____

b. Items required for all facilities subject to 40 CFR §§ 125.90 – 125.99 that withdraw a volume of water greater than or equal to 125 million gallons per day on an Actual Intake Flow basis.

Entrainment characterization study - 40 CFR § 122.21(r)(9)

Attachment number _____ Submittal date _____

Comprehensive technical feasibility and cost evaluation study - 40 CFR § 122.21(r)(10)

Attachment number _____ Submittal date _____

Benefits valuation study - 40 CFR § 122.21(r)(11)

Attachment number _____ Submittal date _____

Non-water quality environmental and other impacts study - 40 CFR § 122.21(r)(12)

Attachment number _____ Submittal date _____

Peer review - 40 CFR § 122.21(r)(13)

Attachment number _____ Submittal date _____

c. Entrainment characterization

All facilities subject to 40 CFR §§ 125.90 – 125.99 are required to submit information pertinent to 40 CFR § 125.98(f), items i-v (Director requirements), regardless of any exemption to application requirements (Section 1.a. of this worksheet).

This information includes the following*:

- i. Numbers and types of organisms entrained, including, specifically, the numbers and species (or lowest taxonomic classification possible) of Federally-listed, threatened and endangered species, and designated critical habitat (e.g., prey base);
- ii. Impact of changes in particulate emissions or other pollutants associated with entrainment technologies;
- iii. Land availability as it relates to the feasibility of entrainment technology;
- iv. Remaining useful plant life; and
- v. Quantified and qualitative social benefits and costs of available entrainment technologies when such information on both benefits and costs is of sufficient rigor to make a decision.

*If items i.-v. above were collected or will be collected during the course of completion of any items required by Section 2.a. 2.b., these items are not required to be duplicated as part of any work-plan or additional submission to fulfill this application requirement.

A work-plan to collect this information may be submitted in lieu of data so long as the work-plan establishes the methods of data collection and specifies a deadline for its submittal to the TCEQ's Water Quality Division.

If a work-plan to collect this information has been developed, or this information has already been collected, include the work plan or completed information as an attachment to the application and provide the attachment name or number below:

If a work-plan has not been developed at the time of permit application, the permittee may be required to develop a work-plan via additional terms and conditions in an issued permit.