

WORKSHEET 11.1

COOLING WATER INTAKE STRUCTURES

Phase I Facilities (Instructions, Page 99)

a. Application Requirements (See 40 CFR §122.21(r))

Submit the following required information as an attachment to TPDES permit application, and indicate the attachment number in the space provided.

1. Source water physical data -40 CFR § 122.21(r)(2))*
Attachment number _____ Submittal date _____
2. Cooling water intake structure data - 40 CFR § 122.21(r)(3)
Attachment number _____ Submittal date _____
3. Source water baseline biological characterization data - 40 CFR § 122.21(4)**
Attachment number _____ Submittal date _____

* Except § 122.21(r)(2)(iv)

** Except §§ 122.21(r)(4)(ix), (r)(4)(x), (r)(4)(xi), and (r)(4)(xii)

b. Compliance Track Selection

Please indicate the compliance track selected for this facility.

- Track I, facilities withdrawing >10 MGD
 Track I, facilities withdrawing >2 MGD and <10 MGD
 Track II

c. Phase I Compliance Information (See 40 CFR §125.84)

Complete the appropriate table according to the selection made in Section 1.b.

Indicate that the required information is being submitted, and identify the attachment number.

Track I

- Flow reduction information
Attachment number: _____
- Velocity information
Attachment number: _____
- Source water body flow information
Attachment number: _____
- Design and Construction Technology Plan*
Attachment number: _____

Track II

- Source water body flow information
Attachment number: _____
- Source Water Biological Study
Attachment number: _____
- Evaluation of potential cooling water intake structure effects
Attachment number: _____
- Verification Monitoring Plan
Attachment number: _____

*The Design and Construction Technology Plan is required ONLY where:

There are threatened and endangered or otherwise protected federal, state, or tribal species, or critical habitat for these species, within the hydraulic influence of the cooling water intake structure; or

Based on information submitted by any fishery management agency or agencies, or relevant information, there are migratory, sport, or commercial species of impingement concern that pass through the hydraulic zone of influence of the cooling water intake structure; or

It is determined, based on information submitted by any fishery management agency or agencies, or other relevant information, that the proposed facility, after meeting the technology-based performance requirements in *40 CFR §125.84(b)(1), (2), and (3)*, would still contribute unacceptable stress to the protected species, critical habit of any species of concern.