

# FHWA National BA Template

**Project Name:** *Insert Starting Here -->*

**Date:** *Insert Starting Here -->*

**Primary Agency and Contact:** *Insert Starting Here -->*

## Executive Summary [[instructions](#)]

*Insert Starting Here -->*

# **Contents**

## **Chapter 1 — Project Overview**

- 1.1. Federal Nexus
- 1.2. Project Description
- 1.3. Project Area and Setting
- 1.4. Consultation History

## **Chapter 2 — Federally Proposed and Listed Species and Designated Critical Habitat**

## **Chapter 3 — Environmental Baseline**

## **Chapter 4 — Project Details**

- 4.1. Construction
  - 4.1.1. Project Timeline and Sequencing
  - 4.1.2. Site Preparation
  - 4.1.3. Construction Access and Staging
  - 4.1.4. In-Water Work
  - 4.1.5. Potential Impacts on Water Quality
  - 4.1.6. Post-Project Site Restoration
- 4.2. Operations
- 4.3. Maintenance

## **Chapter 5 — Project Action Area**

- 5.1. Project Action Area
- 5.2. Limits of an Action Area

## **Chapter 6 — Effects Analysis**

- 6.1. Direct Effects
- 6.2. Indirect Effects

- 6.2.1. Altered Predator-Prey Relationships
  - 6.2.2. Long-Term Habitat Alteration
  - 6.2.3. Indirect Land Use Impacts
- 6.3. Interrelated and Interdependent Actions and Activities
  - 6.4. Cumulative Effects

## **Chapter 7 — Effect Determinations**

- 7.1. Effect Determination for Listed species
  - 7.1.1. No Effect Determinations for Listed Species
  - 7.1.2. May Affect, Not Likely to Adversely Affect Determinations for Listed Species
  - 7.1.3. May Affect, Likely to Adversely Affect Determinations for Listed Species
- 7.2. Effect Determinations for Proposed Species
- 7.3. Effect Determination for Critical Habitat
  - 7.3.1. Effect Determination for Designated Critical Habitat
  - 7.3.2. Effect Determinations for Proposed Critical Habitat
- 7.4. Making Overall Effect Determinations
- 7.5. Candidate Species

## **Chapter 8 — References**

## **Chapter 9 — Appendices**

Appendix A — Essential Fish Habitat

Appendix B — Candidate Species Information

Appendix C — Detailed Listed Species Information

Appendix D — Consultation History

Appendix E — Project Drawings, Site Plans

# Chapter 1 — Project Overview [[instructions](#)]

## 1.1. Federal Nexus [[instructions](#)]

*Insert Starting Here -->*

## 1.2. Project Description [[instructions](#)]

*Insert Starting Here -->*

## 1.3. Project Area and Setting [[instructions](#)]

*Insert Starting Here -->*

## 1.4. Consultation History [[instructions](#)]

*Insert Starting Here -->*

## **Chapter 2 — Federally Proposed and Listed Species and Designated Critical Habitat [[instructions](#)]**

*Insert Starting Here -->*

## **Chapter 3 — Environmental Baseline [[instructions](#)]**

*Insert Starting Here -->*

# **Chapter 4 — Project Details [instructions]**

## **4.1. Construction [instructions]**

*Insert Starting Here -->*

### 4.1.1. Project Timeline and Sequencing

*Insert Starting Here -->*

### 4.1.2. Site Preparation

*Insert Starting Here -->*

### 4.1.3. Construction Access and Staging

*Insert Starting Here -->*

### 4.1.4. In-Water Work

*Insert Starting Here -->*

### 4.1.5. Potential Impacts on Water Quality

*Insert Starting Here -->*

### 4.1.6. Post-Project Site Restoration

*Insert Starting Here -->*

## **4.2. Operations [instructions]**

*Insert Starting Here -->*

## **4.3. Maintenance [instructions]**

*Insert Starting Here -->*

# Chapter 5 – Project Action Area

## 5.1. Project Action Area [[instructions](#)]

*Insert Starting Here -->*

## 5.2. Limits of an Action Area [[instructions](#)]

*Insert Starting Here -->*

# Chapter 6 — Effects Analysis [[instructions](#)]

## 6.1. Direct Effects [[instructions](#)]

*Insert Starting Here -->*

## 6.2. Indirect Effects [[instructions](#)]

*Insert Starting Here -->*

### 6.2.1. Altered Predator-Prey Relationships

*Insert Starting Here -->*

### 6.2.2. Long-Term Habitat Alteration

*Insert Starting Here -->*

### 6.2.3. Indirect Land Use Impacts

*Insert Starting Here -->*

## 6.3. Interrelated and Interdependent Actions and Activities [[instructions](#)]

*Insert Starting Here -->*

## 6.4. Cumulative Effects [[instructions](#)]

*Insert Starting Here -->*

# Chapter 7 — Effect Determinations [[instructions](#)]

## 7.1. Effect Determination for Listed Species

*Insert Starting Here -->*

### 7.1.1. No Effect Determinations for Listed Species [[instructions](#)]

*Insert Starting Here -->*

### 7.1.2. May Affect, Not Likely to Adversely Affect Determinations for Listed Species [[instructions](#)]

*Insert Starting Here -->*

### 7.1.3. May Affect, Likely to Adversely Affect Determinations for Listed Species [[instructions](#)]

*Insert Starting Here -->*

## 7.2. Effect Determinations for Proposed Species [[instructions](#)]

*Insert Starting Here -->*

## 7.3. Effect Determination for Critical Habitat [[instructions](#)]

*Insert Starting Here -->*

### 7.3.1. Effect Determination for Designated Critical Habitat [[instructions](#)]

*Insert Starting Here -->*

### 7.3.2. Effect Determinations for Proposed Critical Habitat [[instructions](#)]

*Insert Starting Here -->*

## 7.4. Making Overall Effect Determinations [[instructions](#)]

*Insert Starting Here -->*

## **7.5. Candidate Species [[instructions](#)]**

*Insert Starting Here -->*

## Chapter 8 — References [[instructions](#)]

*Insert Starting Here -->*

## **Appendix A — Essential Fish Habitat [[instructions](#)]**

*Insert Starting Here -->*

## **Appendix B — Candidate Species Information**

**[[instructions](#)]**

*Insert Starting Here -->*

## Appendix C — Detailed Listed Species Information

*Insert Starting Here -->*

## **Appendix D — Consultation History**

*Insert Starting Here -->*

## **Appendix E — Project Drawings, Site Plans**

*Insert Starting Here -->*