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#### Species Evaluated

[Sample table below indicates which species are evaluated for which division; text will accompany to explain. e.g., .....,]

Division	Upper Sacramento/Shasta	Trinity	Feather	Etc...
Species				
Winter-run Chinook salmon	Yes	No	No	Yes
Spring-run Chinook salmon	Yes	No	No	Yes
CCV Steelhead	Yes	No	No	Yes
Etc....	No	No	No	No

#### Action Deconstruction Intro

[Insert/refer here to slide 1 of action deconstruction that shows major project components for each division. Slides for each specific division will be in that division's text.]

#### 2.5.1. Stressors and Species Response.

- 2.5.1.1. Stressor 1
- 2.5.1.2. Stressor 2
- 2.5.1.3. Stressor 3
- 2.5.1.4. etc.....

#### 2.5.2. Upper Sacramento/Shasta Division

[Insert here and at the beginning of each division a table indicating which stressors are evaluated for each project component in the division. Should have Naseem indicate best words to use in this description (e.g., NOT insignificant or discountable, not "N/A", etc.). Example table below.]

<b>Stressor</b>	Increased upstream water temperature	Increased turbidity	Increased contaminant exposure	Etc.
<b>Project Component</b>				
Component 1	Yes	No	No	Yes
Component 2	Yes	No	No	Yes
Component 3	Yes	No	No	Yes
Etc....	No	No	No	No

### 2.5.2.1. Seasonal Operations

#### 2.5.2.1.1. Shasta Winter Ops.

##### 2.5.2.1.1.1. Flood Control Ops.

###### 2.5.2.1.1.1.1. Winter-Run Chinook Salmon Exposure, Response, and Risk

- 2.5.2.1.1.1.1.1. Egg/Alevin
- 2.5.2.1.1.1.1.2. Juveniles
- 2.5.2.1.1.1.1.3. Adult

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- 2.5.2.1.1.1.2.1. Egg/Alevin
- 2.5.2.1.1.1.2.2. Juveniles
- 2.5.2.1.1.1.2.3. Adult

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###### 2.5.2.1.1.1.4. Green Sturgeon Exposure, Response, and Risk

- 2.5.2.1.1.1.4.1. Eggs/Larvae
- 2.5.2.1.1.1.4.2. Juveniles
- 2.5.2.1.1.1.4.3. Adult

##### 2.5.2.1.1.2. Bend Bridge <100,000 cfs

##### 2.5.2.1.1.3. "Winter – Spring Minimum flows (D-1641?)"

##### 2.5.2.1.1.4. Fall and Winter Refill and Redd Maintenance

#### 2.5.2.1.2. Shasta Spring Ops.

##### 2.5.2.1.2.1. Flood Control Ops.

##### 2.5.2.1.2.2. Balanced Shasta/Folsom (Instream demands & Outflow)

##### 2.5.2.1.2.3. Refill (TCD Ops.)

##### 2.5.2.1.2.4. Spring Pulse Flows

##### 2.5.2.1.2.5. Spring Management of Spawning Locations

##### 2.5.2.1.2.6. Shasta Cold Water Pool Management

#### 2.5.2.1.3. Shasta Summer Ops.

##### 2.5.2.1.3.1. Balanced Shasta/Folsom/Trinity (Instream demands, Outflow and Temp.)

##### 2.5.2.1.3.2. Shasta Cold Water Pool Management

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- 2.5.2.1.3.2.3. Tier 3
- 2.5.2.1.3.2.4. Tier 4
  - 2.5.2.1.3.2.4.1. Temperature Management
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  - 2.5.2.1.3.2.4.3. Adult Rescues (Intervention)
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      - 2.5.3.3.1.1. Minimum flows
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  - 2.5.5.1.2. Winter Ops.
    - 2.5.5.1.2.1. Flood Control
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  - 2.5.5.1.3. Spring Ops.
    - 2.5.5.1.3.1. Flood Control
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    - 2.5.5.1.3.3. Steelhead Redd dewatering (Feb – May)
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  - 2.5.5.1.4. Summer Ops.
    - 2.5.5.1.4.1. Delta WQ (D-1641)
    - 2.5.5.1.4.2. Temperature Management
    - 2.5.5.1.4.3. Drought Temperature Management
  - 2.5.5.1.5. Fall Ops.
    - 2.5.5.1.5.1. Delta WQ (D-1641)
    - 2.5.5.1.5.2. Temperature Management
    - 2.5.5.1.5.3. Redd Dewatering
- 2.5.5.2. 2017 Flow Management Standard Releases and “Planning Minimum”
  - 2.5.5.2.1. Minimum flow schedule/index
  - 2.5.5.2.2. “Planning Minimum” (TBD 2019?)
  - 2.5.5.2.3. Spring Pulse Flow (Mar – April)
- 2.5.5.3. Spawning and Rearing Habitat Restoration

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  - 2.5.6.1.2. Oct. – Nov. 30 (fish presence)
  - 2.5.6.1.3. Dec. – May 20 (closed)

- 2.5.6.1.4. May 21 – June 15 (14 days closed)
- 2.5.6.1.5. Dec/Jan (Drought)
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- 2.5.6.2. Agricultural Barriers
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  - 2.5.6.2.2. Middle River (April/July – Nov.)
  - 2.5.6.2.3. Grant Line Canal (April/July – Nov.)
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- 2.5.6.4. North Bay Aqueduct
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      - 2.5.6.7.1.1.1. “First Flush” (IEWPP) Dec. 1 – Jan. 31
      - 2.5.6.7.1.1.2. Jan 1, 5% rule (WR, SR or St)
    - 2.5.6.7.1.2. End: June 30 Or BOTH:
      - 2.5.6.7.1.2.1. CCR 25°C
      - 2.5.6.7.1.2.2. 95% past Chipps OR Mossdale 72°F
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      - 2.5.6.7.1.3.4.2. 75%
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- 2.5.6.8.1.2. Habitat Restoration
  - 2.5.6.8.1.2.1. Tidal Habitat Restoration 8,000 acres (2008 BiOp)
  - 2.5.6.8.1.2.2. Yolo Bypass SHR and Fish Passage Project
  - 2.5.6.8.1.2.3. Predator Hot Spot Removal
- 2.5.6.8.1.3. Fish Intervention
  - 2.5.6.8.1.3.1. Reintroduction efforts from Fish Conservation and Culture Lab
  - 2.5.6.8.1.3.2. Delta Fish Species Conservation Hatchery

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- 2.5.7.1. Seasonal Operations
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    - 2.5.7.1.1.1. Tulloch Lake
  - 2.5.7.1.2. Stanislaus Stepped Release Plan
    - 2.5.7.1.2.1. “60-20-20” Classification
  - 2.5.7.1.3. Alteration of Stanislaus DO Requirement
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- 2.5.10. CVP/SWP Wide
  - 2.5.10.1. Divert and store water consistent with obligations under water rights and decisions by the State Water Resources Control Board
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