In-river features are not a permanent impact to navigation.

Surface impacts are not expected to result from subsurface features.

**Proposed Permanent Surface Impact**

***Surface impacts will only occur at sites selected for geotechnical explorations. See Ch. 3, Section 3.6.1.10 for more information.**

Legend:
- Interstate
- State Highway/Route
- Railroad
- Rail
- Areas of Additional (Outside of Legal Delta; for Power Only)
- Water
- Canal
- Point of Interconnection
- Proposed Permanent OH Transmission Line
- Proposed Temporary OH Transmission Line
- Dredging
- *Proposed Permanent Subsurface Impact*
- **Proposed Permanent Surface Impact**
- ***Proposed Permanent Subsurface Impact***
- Proposed Temporary Surface Impact
- Reusable Tunnel Material Area
- Safe Loading Facility
- Fuel Station
- Concrete Batch Plant
- Geotech Planning

Sources: DWR CWF Engineering (rev 1h 2018); NAIP 2016

Figure M3-4: Index Proposed Project

DRAFT: 12 Oct 2018
**Figure M3-4: Sheet 1 of 12**

**Proposed Project**

- **Plan Area**
- **Areas of Additional**
  - (Outside of Legal Delta; for Power Only)
  - **Point of Interconnection**
  - **Proposed Permanent OH Transmission Line**
  - **Proposed Temporary OH Transmission Line**

- **Intake**
- **Dredging**
- **Junction Structure**
- **Forebay**
- **Main Construction Shaft**
- **Forebay Embankment**
- **Ventilation/Access Shaft**
- **Forebay Overflow**
- **Canal**
- **Proposed Permanent Subsurface Impact**
- **Operable Barrier**
- **Temporary Access**
- **Proposed Permanent Surface Impact**
- **Siphon**
- **Proposed Temporary Surface Impact**
- **Temporary Access**
- **Tunnel**
- **Reusuable Tunnel Material Area**
- **Barge Unloading Facility**
- **Safe Haven Work**
- **Fuel Station**
- **Concrete Batch Plant**
- **Geotech Planning**

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**Sources:**
- DWR CWF Engineering (rev 1 2018)
- NAIP 2016

**In-river features are not a permanent impact to navigation.**

**Surface impacts will only occur at sites selected for geotechnical explorations.**

See Ch. 3, Section 3.8.1.10 for more information.
Plan Area
Areas of Additional (Outside of Legal Delta; for Power Only)
Point of Interconnection
Proposed Permanent OH Transmission Line
Proposed Temporary OH Transmission Line
Intake
Junction Structure
Main Construction Shaft
Ventilation/Access Shaft
Canal
Operable Barrier
Permanen Access
Siphon
Temporary Access
Tunnel
Dredging
Forebay
Forebay Embankment
Forebay Overflow
Intake
Proposed Permanent Subsurface Impact
Proposed Permanent Surface Impact
Proposed Temporary Surface Impact
Reusable Tunnel Material Area
Barge Unloading Facility
Safe Haven Work
Fuel Station
Concrete Batch Plant
Geotech Planning

0 1,000 2,000 3,000 4,000 5,000 Feet

*Surface impacts are not expected to result from subsurface features.
**In-river features are not a permanent impact to navigation.
***Surface impacts will only occur at sites selected for geotechnical explorations.
See Ch. 3, Section 3.6.1.10 for more information.

Figure M3-4: Sheet 2 of 12
Proposed Project

Sources: DWR CWF Engineering (rev. 12-2018); NAIP 2016

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Plan Area
Areas of Additional (Outside of Legal Delta; for Power Only)
Point of Interconnection
Proposed Permanent OH Transmission Line
Proposed Temporary OH Transmission Line

Intake
Junction Structure
Main Construction Shaft
Ventilation/Access Shaft
Canal
Operable Barrier
Permanent Access
Siphon
Temporary Access
Tunnel
Dredging
Forebay
Forebay Embankment
Forebay Overflow
Intake
Proposed Permanent Subsurface Impact
Proposed Permanent Surface Impact
Proposed Temporary Surface Impact
Reusable Tunnel Material Area
Barge Unloading Facility
Safe Haven Work
Fuel Station
Concrete Batch Plant
Geotech Planning

Figure M3-4: Sheet 3 of 12
Proposed Project

*Surface impacts are not expected to result from subsurface features.
**In-river features are not a permanent impact to navigation.
***Surface impacts will only occur at sites selected for geotechnical explorations.
See Ch. 3, Section 3.6.1.10 for more information.
Figure M3-4: Sheet 4 of 12
Proposed Project

**Surface impacts are not expected to result from subsurface features.**

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**In-river features are not a permanent impact to navigation.**

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**Surface impacts will only occur at sites selected for geotechnical explorations.**

See Ch. 3, Section 3.6.1.10 for more information
Plan Area
Areas of Additional (Outside of Legal Delta; for Power Only)
Point of Interconnection
Proposed Permanent OH Transmission Line
Proposed Temporary OH Transmission Line

Intake
Junction Structure
Main Construction Shaft
Ventilation/Access Shaft
Canal
Operable Barrier
Permanent Access
Siphon
Temporary Access
Tunnel

Dredging
Forebay
Forebay Embankment
Forebay Overflow
Intake
*Proposed Permanent Subsurface Impact
**Proposed Permanent Surface Impact
Proposed Temporary Surface Impact

 reusable Tunnel Material
Barge Unloading Facility
Safe Haven Work
Fuel Station
Concrete Batch Plant
Geotech Planning

Proposed Project

*Surface impacts are not expected to result from subsurface features.
**In-river features are not a permanent impact to navigation.
***Surface impacts will only occur at sites selected for geotechnical explorations. See Ch. 3, Section 3.6.1.10 for more information.
Figure M3-4: Sheet 7 of 12
Proposed Project

*Surface impacts are not expected to result from subsurface features.
**In-river features are not a permanent impact to navigation.
***Surface impacts will only occur at sites selected for geotechnical explorations.
See Ch. 3, Section 3.6.1.10 for more information.
Figure M3-4: Sheet 8 of 12
Proposed Project

- **Surface impacts are not expected to result from subsurface features.**
- **In-river features are not a permanent impact to navigation.**

Surface impacts will only occur at sites selected for geotechnical explorations.

See Ch. 3, Section 3.6.1.10 for more information.
Figure M3-4: Sheet 9 of 12
Proposed Project

- Plan Area
- Areas of Additional (Outside of Legal Delta; for Power Only)
  Point of Interconnection
  Proposed Permanent OH Transmission Line
  Proposed Temporary OH Transmission Line

- Intake
- Junction Structure
- Main Construction Shaft
- Ventilation/Access Shaft
- Canal
- Operable Barrier
- Permanent Access
- Siphon
- Temporary Access
- Tunnel

- Dredging
- Forebay
- Forebay Embankment
- Forebay Overflow
- Intake
- Proposed Permanent Subsurface Impact
- Proposed Permanent Surface Impact
- Proposed Temporary Surface Impact

- Reusable Tunnel Material Area
- Barge Unloading Facility
- Safe Haven Work
- Fuel Station
- Concrete Batch Plant
- Geotech Planning

Source: DWR EIR Engineering (Rev. 9-2016) DWR 2016

*Surface impacts are not expected to result from subsurface features.
**In-river features are not a permanent impact to navigation.
***Surface impacts will only occur at sites selected for geotechnical explorations.
See Ch. 3, Section 3.6.1.10 for more information.
Figure M3-4: Sheet 10 of 12
Proposed Project

- **Proposed Project**
  - **In-river features are not a permanent impact to navigation.**
  - **Surface impacts are not expected to result from subsurface features.**
  - **Surface impacts will only occur at sites selected for geotechnical explorations.**

See Ch. 3, Section 3.6.1.10 for more information.
Figure M3-4: Sheet 11 of 12
Proposed Project

1:24,000
0 1,000 2,000 Feet

Source: DWR-CWF Engineering (rev. 11-2018) / Map 2018

*Surface impacts are not expected to result from subsurface features.
**In-river features are not a permanent impact to navigation.
***Surface impacts will only occur at sites selected for geotechnical explorations.
See Ch. 3, Section 3.6.1.10 for more information.
Figure M3-4: Sheet 12 of 12
Proposed Project

- Intake
- Junction Structure
- Main Construction Shaft
- Ventilation/Access Shaft
- Canal
- Operable Barrier
- Permanent Access
- Siphon
- Temporary Access
- Tunnel
- Dredging
- Forebay
- Forebay Embankment
- Forebay Overflow
- Intake
- Proposed Permanent Subsurface Impact
- Proposed Permanent Surface Impact
- Proposed Temporary Surface Impact
- Reusable Tunnel Material Area
- Barge Unloading Facility
- Safe Haven Work
- Fuel Station
- Concrete Batch Plant
- Geotech Planning

Source: DWR CWF Engineering (rev 5/2018) HDR 2018

*Surface impacts are not expected to result from subsurface features.*
**In-river features are not a permanent impact to navigation.***Surface impacts will only occur at sites selected for geotechnical explorations.*

See Ch. 3, Section 3.6.1.10 for more information.