Figure 4: Impacts to Waters of the U.S. Map 2 of 4
Mesa 500 kV Substation Project

- City Boundary
- Jurisdictional Waters of the U.S.
  - Rio Hondo (No Impacts)
  - Water Permanently Impacted
  - Water Temporarily Impacted
- Flow Direction

Project Components:

- Project Area
- Mesa Substation Site
- Staging Yard

500 kV Transmission:
- Proposed 500 kV Structure
- Proposed 500 kV Line

220 kV Transmission:
- Proposed Temporary 220 kV Structure
- Proposed 220 kV Structure
- Proposed 220 kV Line

46 kV Subtransmission:
- Proposed 46 kV Vault
- Proposed 46 kV Structure
- Proposed Underground 46 kV Line
- Proposed Overhead 46 kV Line

Telecommunications:
- Proposed Vault/Manhole
- Existing Pole
- Proposed Overhead (On Existing Facilities)
- Proposed Underground
- Re-Rute Overhead
- Re-Rute Underground

16 kV Distribution:
- Proposed 16 kV Vault
- Proposed 16 kV Pole
- Proposed 16 kV Underground Line
- Re-Rute 16 kV Underground Line (In Existing Facilities)

Note: Location of proposed facilities are approximate.
Exact locations to be determined after final design is completed.
Note: Location of proposed facilities are approximate. Exact locations to be determined after final design is completed.
Figure 4: Impacts to Waters of the U.S. Map 4 of 4

Mesa 500 kV Substation Project

Map Legend:
- City Boundary
- Jurisdictional Waters of the U.S.
- Rio Hondo (No Impacts)
- Water Permanently Impacted
- Water Temporarily Impacted
- Flow Direction

Project Components:
- Project Area
- Mesa Substation Site
- Staging Yard
- 500 kV Transmission
  - Proposed 500 kV Structure
  - Proposed 500 kV Line
- 220 kV Transmission
  - Proposed Temporarily 220 kV Structure
  - Proposed 220 kV Structure
  - Proposed 220 kV Line
- 66 kV Subtransmission
  - Proposed 66 kV Vault
  - Proposed 66 kV Structure
  - Proposed Underground 66 kV Line
  - Proposed Overhead 66 kV Line
- Telecommunications
  - Proposed Vault/Manhole
  - Existing Pole
  - Proposed Overhead (On Existing Facilities)
  - Re-Route Overhead
  - Re-Route Underground
- 16 kV Distribution
  - Proposed 16 kV Vault
  - Proposed 16 kV Pole
  - Proposed 16 kV Underground Line
  - Re-Route 16 kV Underground Line

Note: Location of proposed facilities are approximate. Exact locations to be determined after design is completed.