



**Photograph 5.2-1.** Looking West toward Carquinez Strait with Benicia to South (Left) and Martinez to North (Right)  
(Source: California Department of Water Resources.)



**Photograph 5.2-2.** Interstate 680 Martinez Bridge Looking East toward Suisun Bay  
(Source: California Department of Water Resources.)

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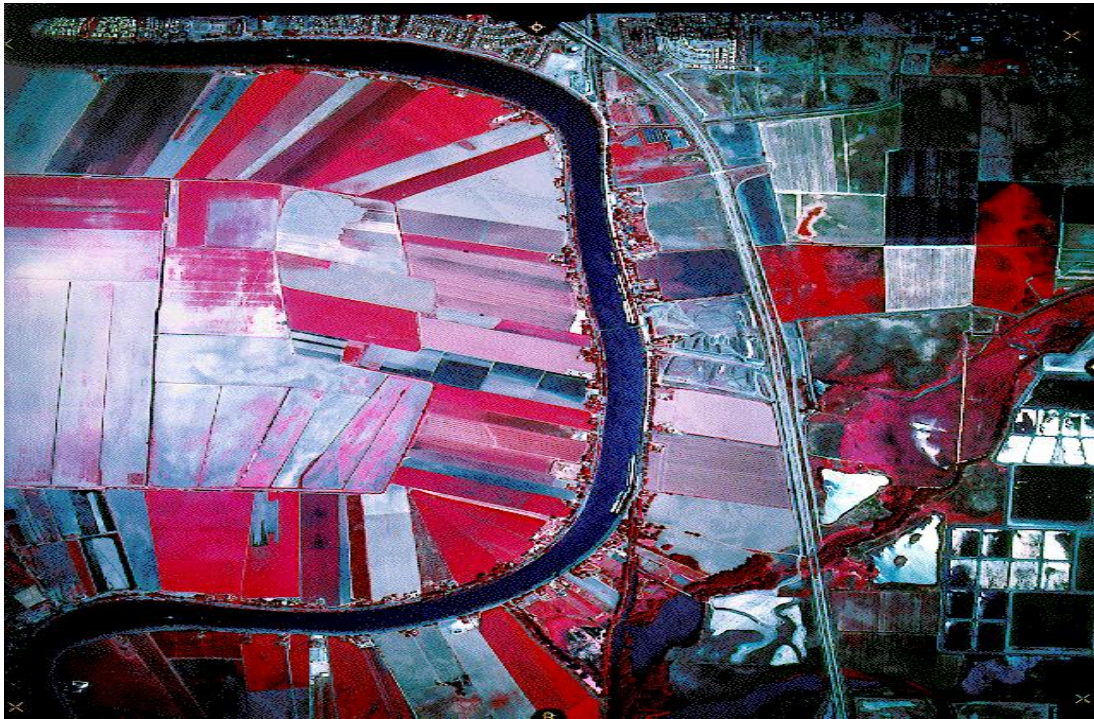


**Photograph 5.2-3.** Aerial View of Chipps Island (Top of Photo) and Pittsburg Power Plant  
(Source: University of California, Berkeley.)



**Photograph 5.2-4.** Antioch Bridge Looking West toward Chipps Island  
(Source: California Department of Water Resources.)

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**Photograph 5.2-5.** Aerial View of Sacramento River Downstream of the City of Sacramento, near Freeport, with Sacramento Regional Wastewater Treatment Plant to East  
(Source: University of California, Berkeley.)



**Photograph 5.2-6.** Sacramento River at Freeport Bridge, South of Sacramento  
A USGS tidal flow meter was installed here in 1980 to measure tidal flow to regulate Sacramento Regional Wastewater treatment plant effluent discharge mixing.  
(Source: California Department of Water Resources.)

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**Photograph 5.2-7.** Aerial View of Sacramento River Bend, Looping in Upper Left of Photo, at Walnut Grove

The Delta Cross Channel flows to the east and connects with Snodgrass Slough and Mokelumne River channels. Georgiana Slough channel flows to southwest to Mokelumne River mouth.  
 (Source: University of California, Berkeley.)



**Photograph 5.2-8.** Sacramento River at Walnut Grove with Delta Cross Channel (Gates Closed) Connecting the Sacramento River with Snodgrass Slough  
 (Source: California Department of Water Resources.)

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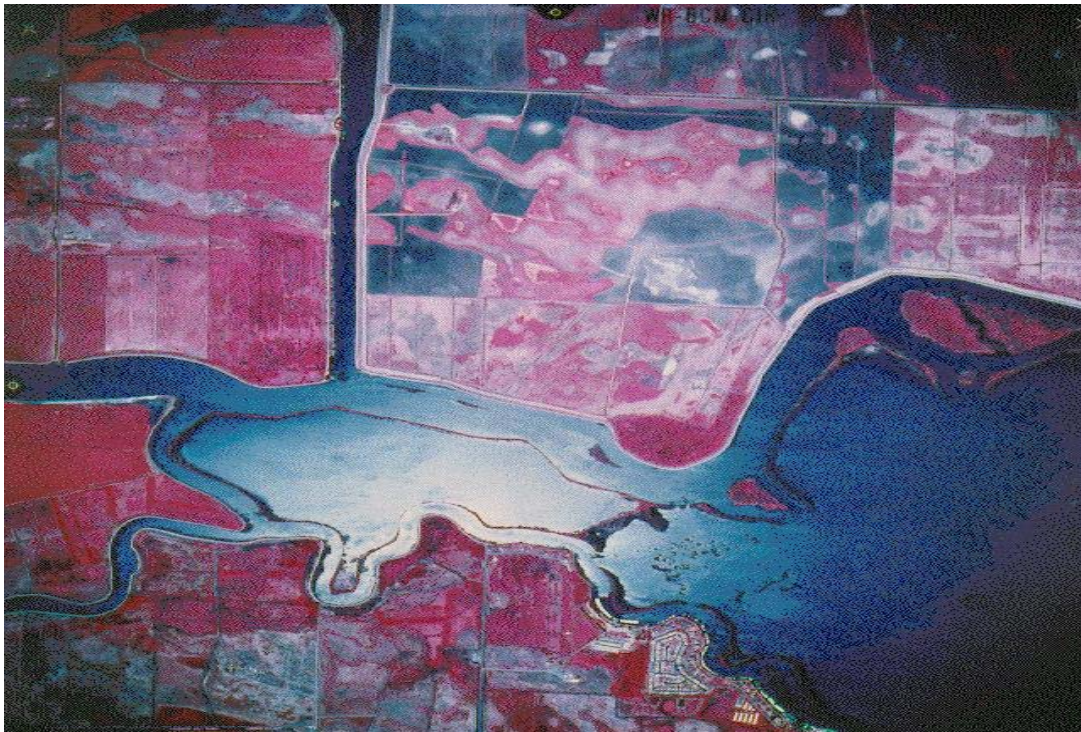


**Photograph 5.2-9.** Aerial View of Big Break and Dutch Slough Located North of Oakley  
The Contra Costa Canal Pumping Plant #1 is located at the east end of the Contra Costa Canal, which extends across the middle of the photo.  
(Source: University of California, Berkeley.)



**Photograph 5.2-10.** Dutch Slough Looking East from Big Break toward Franks Tract  
(Source: California Department of Water Resources.)

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**Photograph 5.2-11.** Aerial View of False River (Left), Fisherman's Cut (Top), and Franks Tract  
Fisherman's Cut extends north to the San Joaquin River, with Bradford Island on the west and Webb Tract  
on the east. False River channel extends west to the San Joaquin River. Tip of Jersey Island is south of False  
River. Bethel Island is on west of Franks Tract. (Source: University of California, Berkeley.)



**Photograph 5.2-12.** False River Looking West from Franks Tract toward the San Joaquin  
River Channel  
(Source: California Department of Water Resources.)

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**Photograph 5.2-13.** Mouth of Old River (Top) Connecting Franks Tract to San Joaquin River with Webb Tract to North and Mandeville Island to South  
(Source: University of California, Berkeley.)



**Photograph 5.2-14.** Seawall along the Southwest Franks Tract Levee along Bethel Island  
(Source: California Department of Water Resources.)

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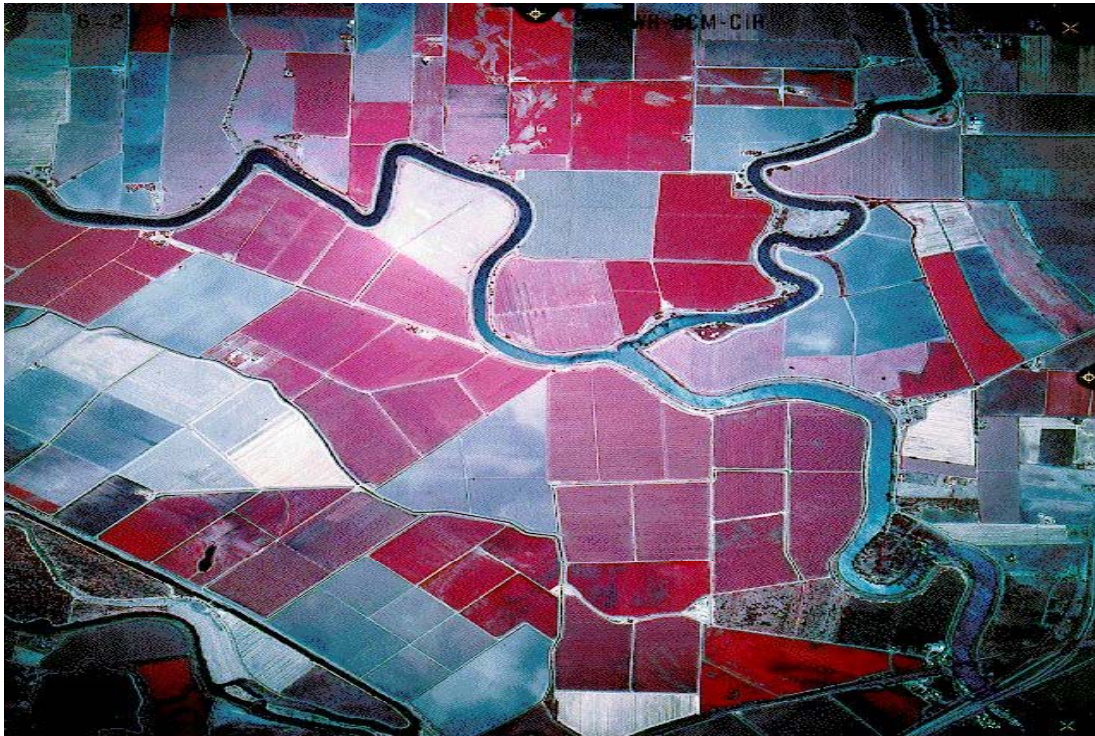
**Photograph 5.2-15.** San Joaquin River Flowing from the South into the Stockton Deep Water Ship Channel at the Port of Stockton and the Stockton Regional Wastewater Control Facility Ponds South of Rough and Ready Island  
(Source: University of California, Berkeley.)



**Photograph 5.2-16.** San Joaquin River Flowing into the Stockton Deep Water Ship Channel with the East Complex of the Port of Stockton on Rough and Ready Island, Looking West from Stockton  
(Source: California Department of Water Resources.)

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**Photograph 5.2-17.** San Joaquin River at Mossdale Bridge with Head of Old River at Center of Photo Flowing to West  
The San Joaquin River continues to the north toward the Stockton Deep Water Ship Channel.  
(Source: University of California, Berkeley.)



**Photograph 5.2-18.** Mossdale Bridges Looking North (Downstream) toward the Head of Old River  
(Source: California Department of Water Resources.)

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**Photograph 5.2-19.** San Joaquin River Downstream of Vernalis Bridge (Bottom of Photo) with Banta-Carbona Diversion Canal near Top of Photo  
(Source: University of California, Berkeley.)



**Photograph 5.2-20.** Vernalis Bridge and the San Joaquin River Looking North (Downstream)  
(Source: California Department of Water Resources.)

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**Photograph 5.2-21.** Flood Control Diversion Weir Downstream of Vernalis at Paradise Cut, Looking West Across the San Joaquin River  
(Source: California Department of Water Resources.)



**Photograph 5.2-22.** Head of Old River Temporary Barrier with Culverts on Left Side that Allow Regulated Flow into Old River from the San Joaquin River  
(Source: California Department of Water Resources.)

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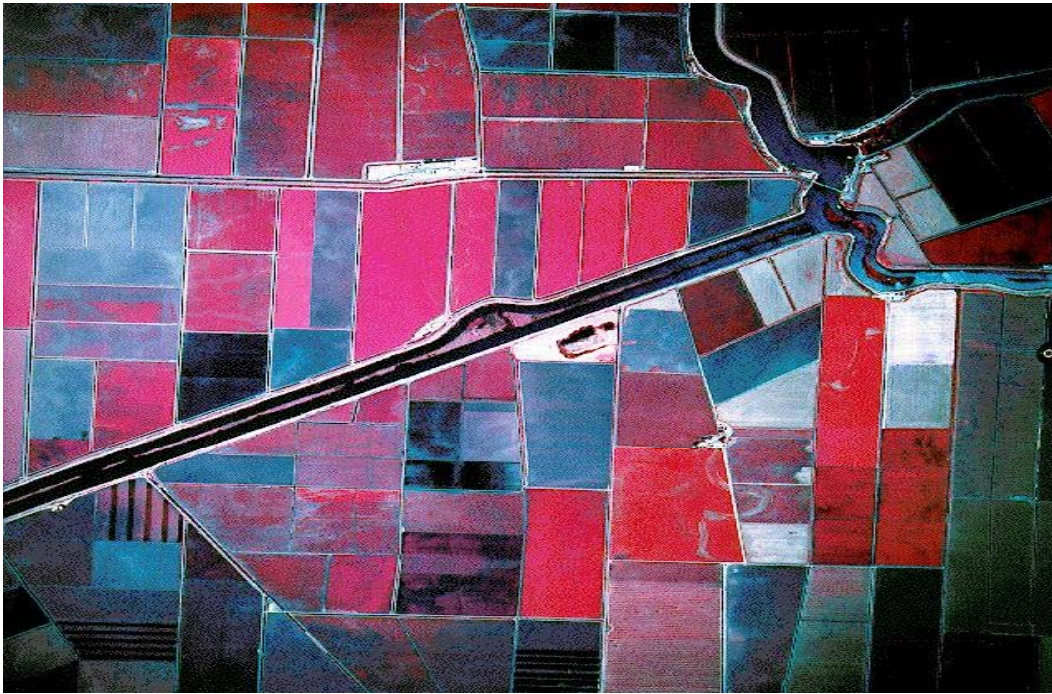


**Photograph 5.2-23.** Aerial View of East End of Grant Line Canal (Top), Old River from Head of Old River (East) toward Tracy Boulevard Bridge to West (Just off Photo), with Tom Paine Slough Siphon Station off Sugar Cut (Bottom)  
(Source: University of California, Berkeley.)



**Photograph 5.2-24.** Middle River Channel at Its Head at Old River  
(Source: California Department of Water Resources.)

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**Photograph 5.2-25.** Victoria Canal (and North Canal) Connecting Middle River (at Northeast End) to Old River (at Bottom Left End of Photo), Jones Tract North of Trapper Slough (at Top Right Corner of Photo)

Middle River temporary barrier and tidal gate site is located just southeast of the confluence with Victoria Canal (at right edge of photo). (Source: University of California, Berkeley.)



**Photograph 5.2-26.** State Route 4 Bridge at Middle River Channel Looking South from above Jones Tract

The Middle River temporary barrier and tidal gate site is located at the left edge of the photo. (Source: California Department of Water Resources.)

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**Photograph 5.2-27.** South End of Clifton Court Forebay with Old River (to Southeast) and Grant Line Canal (East) Showing Delta-Mendota Canal Intake Channel (West) and the Intake Gates at Southeast End of Clifton Court Forebay  
 The Old River at the Delta-Mendota Canal temporary barrier and tidal gate site is near the center of the photo. (Source: University of California, Berkeley.)



**Photograph 5.2-28.** Mouth of Grant Line Canal Looking West toward Old River  
 The Grant Line Canal tidal gate is at the bottom of the photo. (Source: California Department of Water Resources.)

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**Photograph 5.2-29.** Siphons That Supply Tom Paine Slough, Located in Sugar Cut off Old River East of Tracy Boulevard Bridge  
Temporary pumps were installed in summer 2003.  
(Source: California Department of Water Resources.)



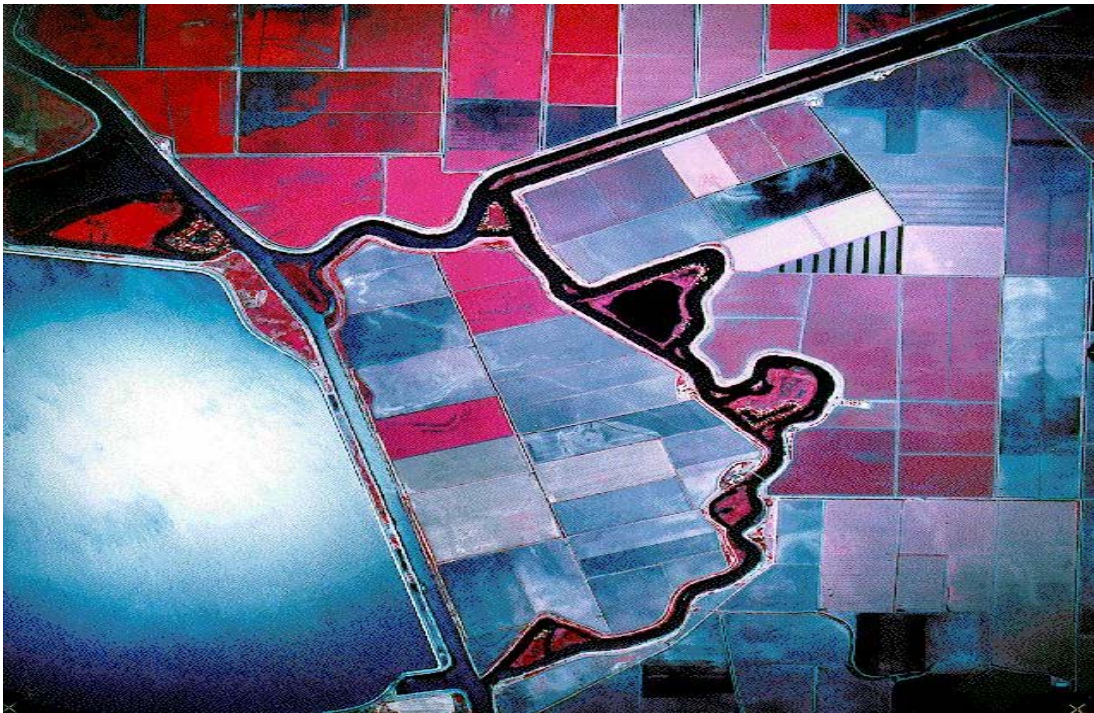
**Photograph 5.2-30.** Old River Channel Looking West from Sugar Cut across the Tracy Boulevard Bridge  
(Source: California Department of Water Resources.)

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**Photograph 5.2-31.** West Side of Clifton Court Forebay with John E. Skinner Fish Salvage Facility (Center)

SWP Banks is at the end of the channel just off the photo in the lower left and CVP Tracy is at the end of the channel just off the photo in the lower right. (Source: University of California, Berkeley.)



**Photograph 5.2-32.** East Side of Clifton Court Forebay with Intake Gates in Lower Center

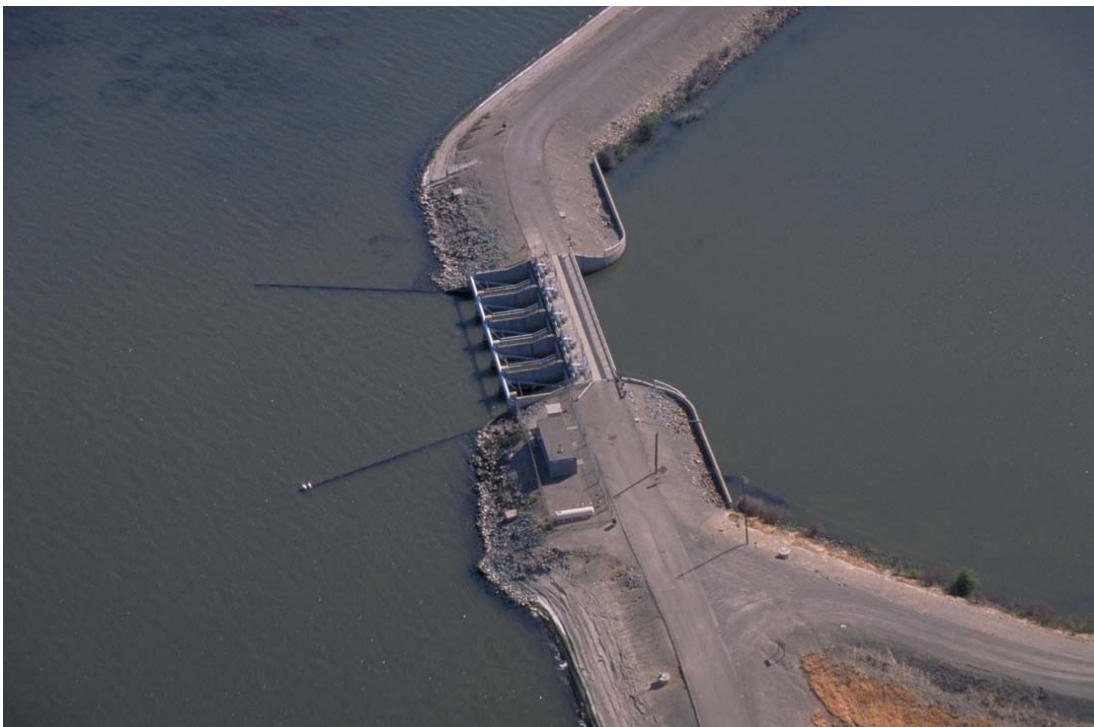
West Canal along the east side of Clifton Court Forebay connects to Old River (to northwest) and Victoria Canal (to northeast). (Source: University of California, Berkeley.)

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**Photograph 5.2-33.** Clifton Court Forebay Intake Channel and Tidal Gates Looking East from over Clifton Court Forebay  
(Source: California Department of Water Resources.)



**Photograph 5.2-34.** Close-Up View of the Clifton Court Forebay Intake Tidal Gates Intake from Old River is on the right and Clifton Court Forebay is on the left of the photo.  
(Source: California Department of Water Resources.)

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**Photograph 5.2-35.** Discovery Bay off Indian Slough, Which Connects with Old River North of State Route 4 Bridge (Middle of Photo)  
(Source: University of California, Berkeley.)



**Photograph 5.2-36.** State Route 4 Bridge over Old River Just North of Los Vaqueros Pumping Plant  
(Source: California Department of Water Resources.)

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**Photograph 5.2-37.** Tracy Boulevard Bridge Crossing the Old River Channel, Looking East  
The Tracy Wildlife Club is at the bottom of the photo.  
(Source: California Department of Water Resources.)

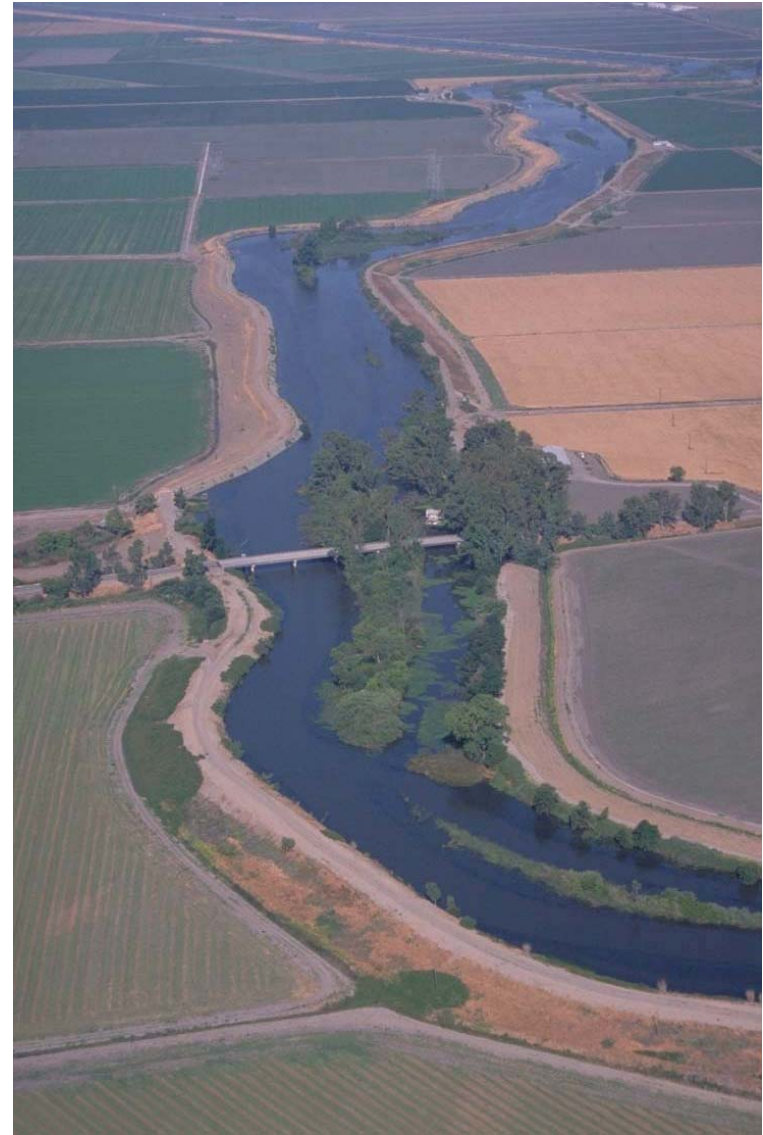


**Photograph 5.2-38.** Old River near Delta-Mendota Canal Temporary Barrier Site Looking North  
across Fabian Tract (April 16, 2002)

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**Photograph 5.2-39.** Middle River Channel at Mowry Bridge  
(Source: California Department of Water Resources.)



**Photograph 5.2-40.** Tracy Boulevard Bridge over Middle River  
(Source: California Department of Water Resources.)

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**Photograph 5.2-41.** Middle River Temporary Barrier Site Looking South across Union Island  
The center section has not been installed yet. Culvert sections on both banks are not removed during the winter. (Source: California Department of Water Resources.)



**Photograph 5.2-42.** Middle River Temporary Barrier Site Looking East across Middle Roberts Island to North and Union Island to South  
(Source: California Department of Water Resources.)

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**Photograph 5.2-43.** Grant Line Canal Looking West toward Tracy Boulevard Bridge  
(Source: California Department of Water Resources.)



**Photograph 5.2-44.** Grant Line Canal Looking East toward Tracy Boulevard Bridge with Fabian and Bell Canal to the South (Right of Photograph)  
(Source: California Department of Water Resources.)

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**Photograph 5.2-45.** Grant Line Canal at Temporary Barrier Site Looking West to Tracy Boulevard Bridge



**Photograph 5.2-46.** Grant Line Canal Looking East (Upstream) from Temporary Barrier Site with Two Agricultural Diversion Pumps (March 4, 2003)

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**Photograph 5.2-47.** Suisun Marsh (Montezuma Slough) Salinity Control Gates in Open Raised Position  
(Source: California Department of Water Resources Interagency Ecological Program.)



**Photograph 5.2-48.** Suisun Marsh (Montezuma Slough) Salinity Control Gates Flashboard Removal  
(Source: California Department of Water Resources Interagency Ecological Program.)

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