APPENDIX L:

Southeast Basin Site Information and Photographic Documentation

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L1: 545MAD006 – Lone Willow Slough at Road 9

MONITORING SITE INFORMATION

Site Description, Location and Access:

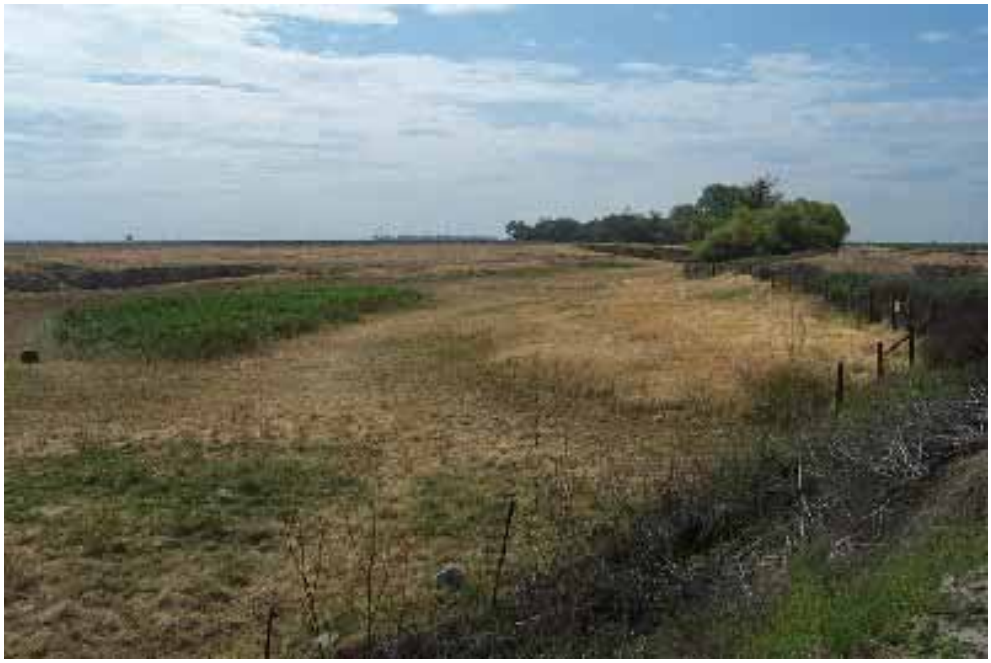
Exiting West from Highway 99 onto Avenue 7. Following Avenue 7 make a right hand turn onto Rd. 9. Access is via the east side of Rd. 9.

Latitude/Longitude: Lat. N 36° 52' 00.9"
Long. W 120° 22' 54.9"

County: Madera

WATER SOURCE

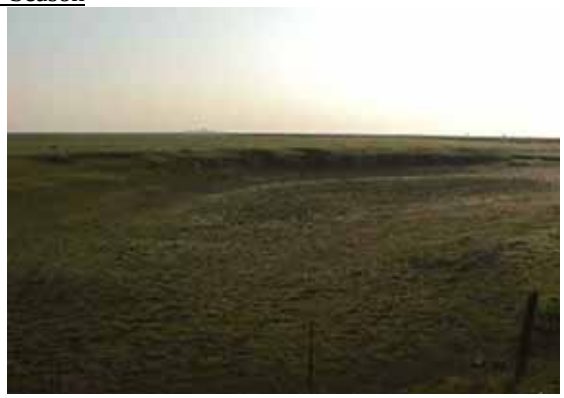
Lone Willow Slough is an old flood channel of the San Joaquin River extending from near Mendota to the Fresno River. The slough was isolated off from the San Joaquin River with the construction of the Eastside Bypass. With the construction of Friant Dam, the Slough rarely conveys natural flood flows. There are discharges of tailwater into various reaches of the Slough, but these are not sufficient to sustain a continuous flow. The Slough is dominated by these flows as there is no other flow in the Slough. Some of these tailwater flows are diverted for agricultural use.



Water Year 2001 Water Year 2002

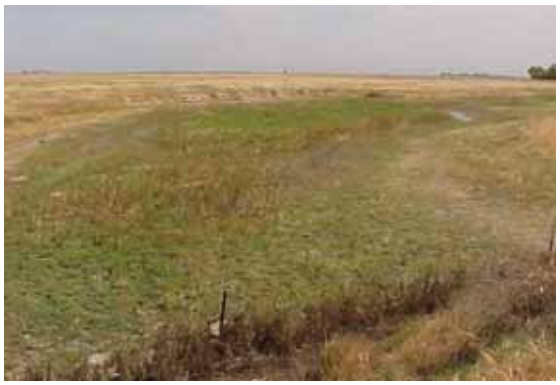
Rainy Season

12/28/00



01/31/02

Spring Runoff



04/26/01

04/24/02

Irrigation Season

07/25/01

Dry Season

09/27/01

L2: 541MER015 – Santa Rita Slough at Highway 152

MONITORING SITE INFORMATION

Site Description, Location and Access:

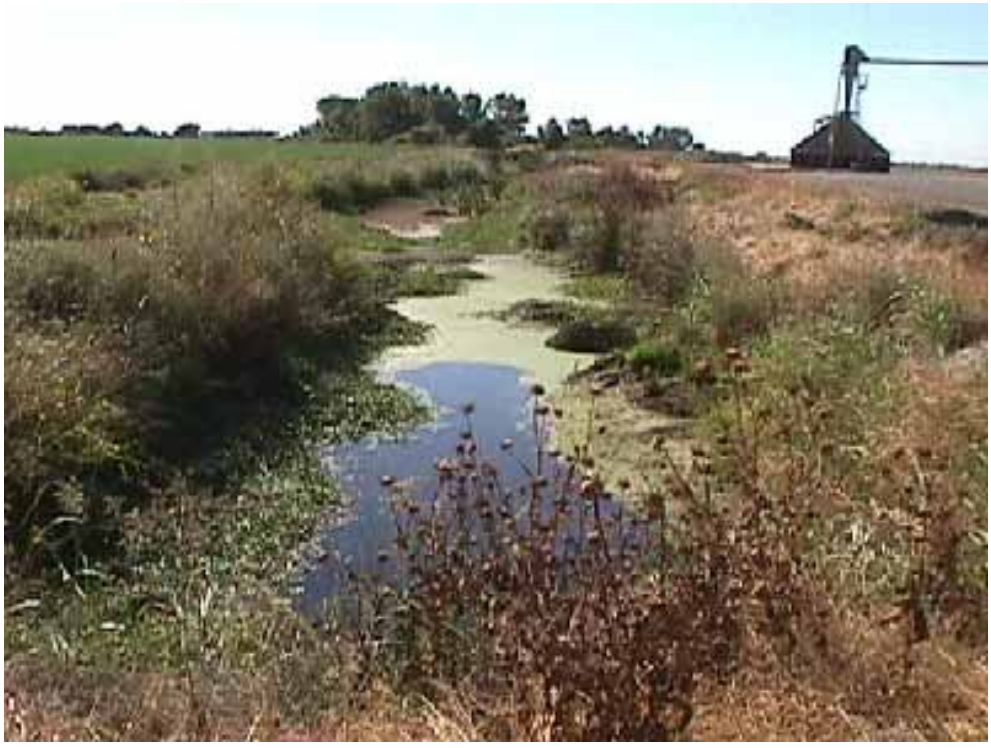
Going East on Highway 152 from Interstate 5. Access to the Slough is via Indiana Avenue on the south side of Highway 152 near the Cotton Gin.

Latitude/Longitude: Lat. N 37° 02' 51.1"
Long. W 120° 35' 36.9"

County: Merced

WATER SOURCE

A former overflow channel of the San Joaquin River, Santa Rita Slough now only conveys flood flows and has been extensively modified to enhance its use as an agricultural supply and drainage channel. The seven-mile channel conveys supply and return flows from approximately the Merced-Fresno County line to its discharge into Salt Slough Ditch during the irrigation season (March to October).

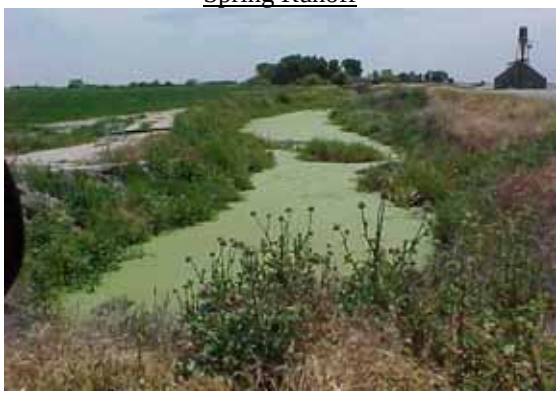


Water Year 2001

Rainy Season

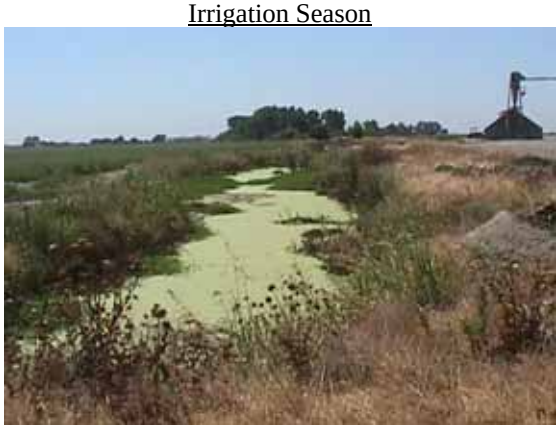
12/28/00

Spring Runoff



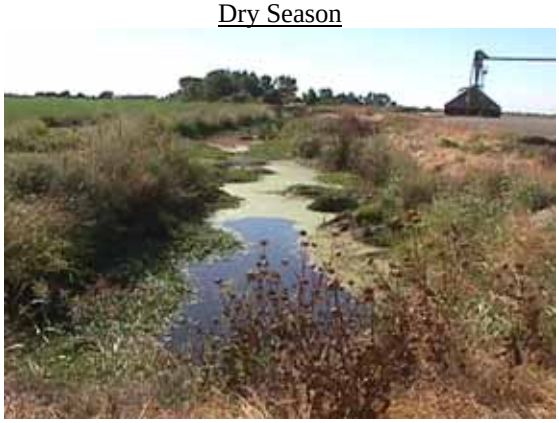
04/26/01

Irrigation Season



07/25/01

Dry Season



09/27/01

L3: 535MER577 – Deep Slough at Green House Road

MONITORING SITE INFORMATION

Site Description, Location and Access:

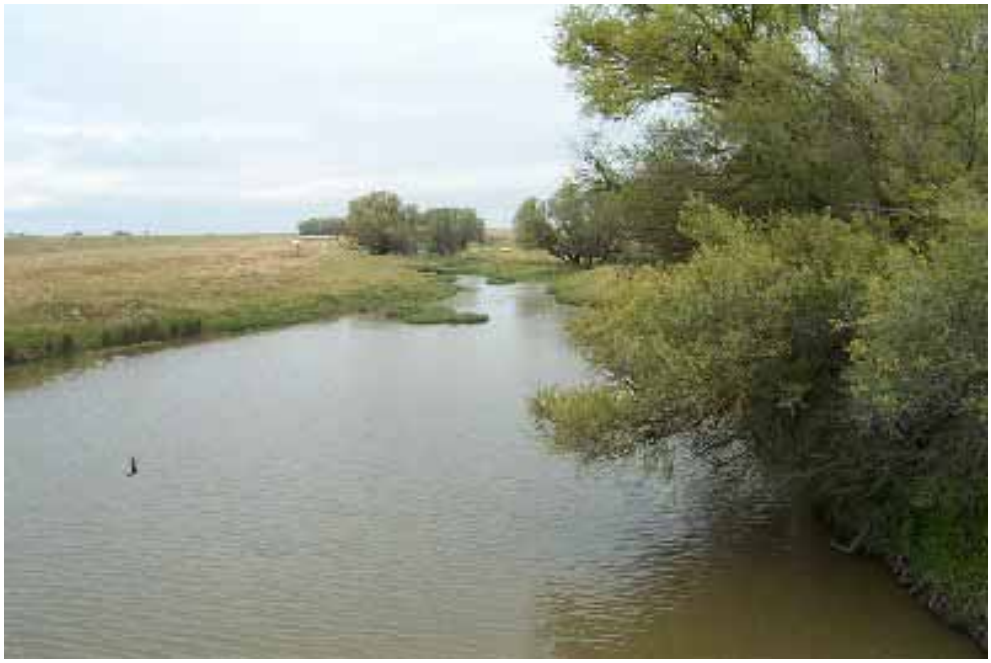
Exiting South onto Bert Crane Road from Highway 99 follow Bert Crane Road until it makes a left hand turn where it turns into Dan McNamara Road. Make a right hand turn (west) off of Dan McNamara onto Green House Road. Access to the sight is via Green House Road.

Latitude/Longitude: Lat. N 37° 13' 47.3"
Long. W 120° 43' 41.6"

County: Merced

WATER SOURCE

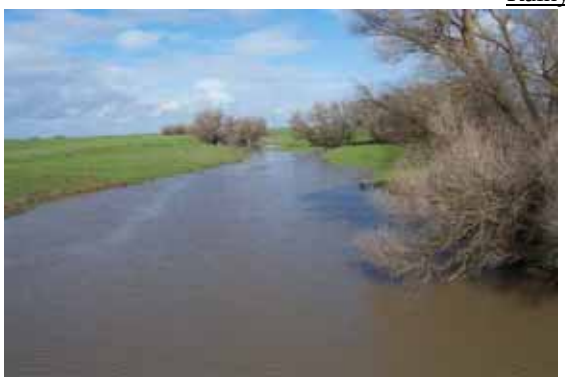
Deep Slough is a small, reconstructed, former overflow channel of the San Joaquin River. The 1.35-mile slough receives agricultural drainage from 432 acres between February and October.



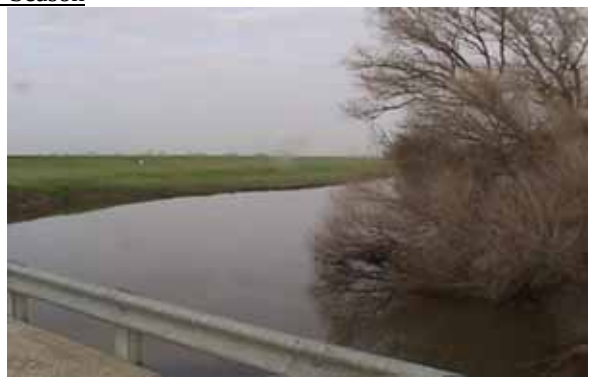
Water Year 2004 – Dry

Water Year 2005 – Wet

Rainy Season

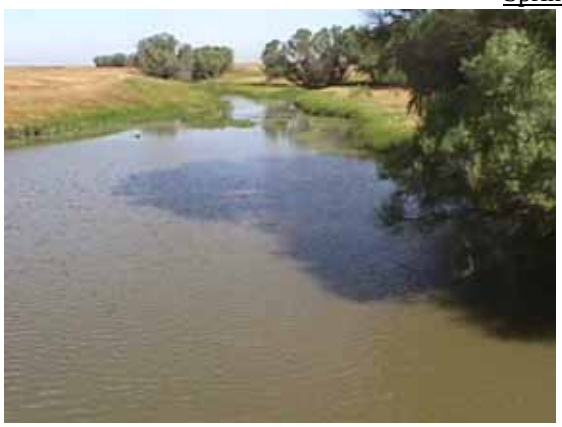


02/26/04

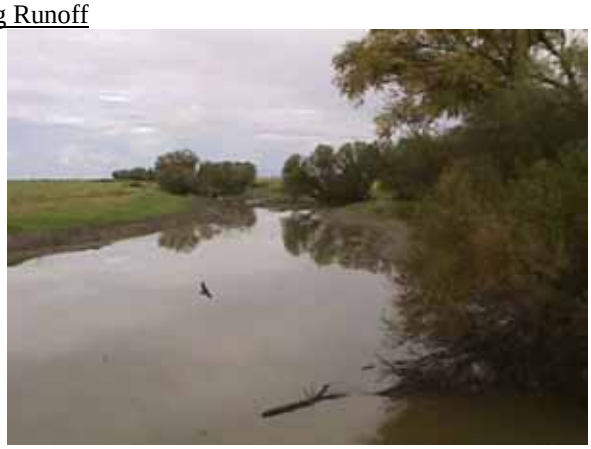


02/24/05

Spring Runoff



04/29/04



04/28/05

Irrigation Season

07/29/04

06/30/05

Dry Season

08/26/04

08/25/05

L4: 535MER007 – Bear Creek near Bert Crane Road

MONITORING SITE INFORMATION

Site Description, Location and Access:

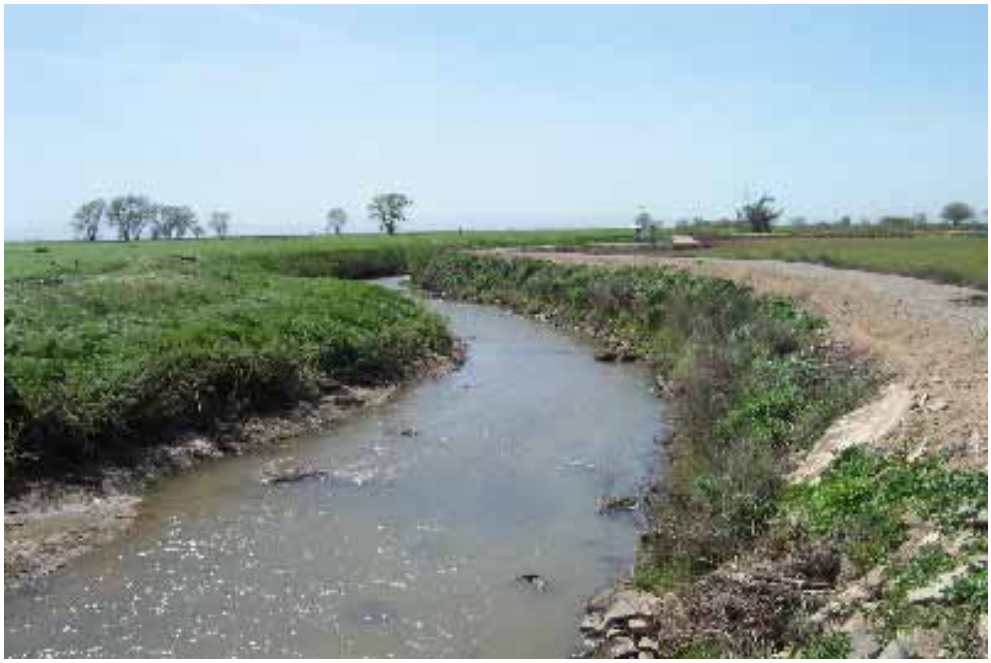
From Highway 99, head west on Highway 140 for approximately 7.3 miles to Bert Crane Road. Travel south on Bert Crane Road for Approximately 4.2 miles. Turn west on dirt road on south side of Bear Creek for approximately 300 feet to gauging station.

Latitude/Longitude: Lat. N 37° 15' 20"
Long. W 120° 39' 07"

County: Merced

WATER SOURCE

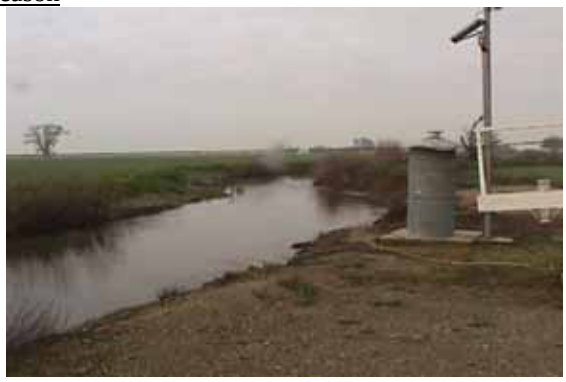
Agricultural return flows, operational spill from Merced Irrigation District and storm flows.



Water Year 2004 – Dry | Water Year 2005 – Wet

Rainy Season

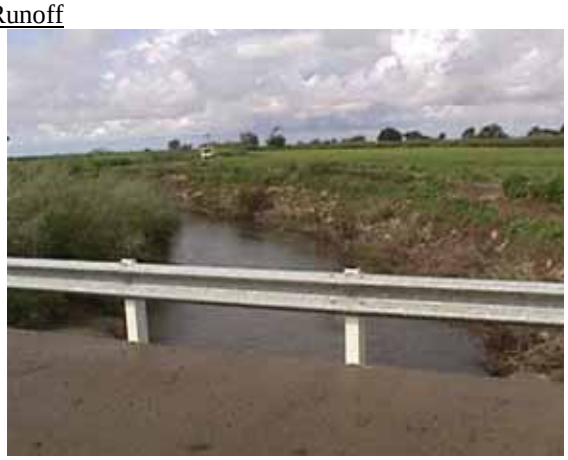
02/26/04



02/24/05

Spring Runoff

04/29/04



04/28/05

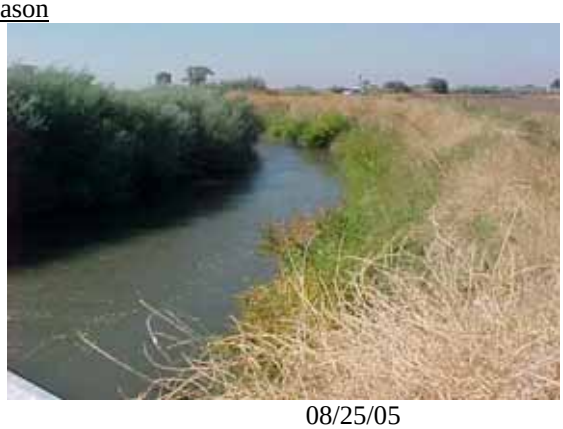
Irrigation Season

07/29/04

07/28/05

Dry Season

09/30/04



08/25/05