APPENDIX J:

Northeast Basin Site Information and Photographic Documentation

APPENDIX J: Northeast Basin Site Information and Photographic Documentation

J1: 531SAC001 – Cosumnes River at Twin Cities Road

MONITORING SITE INFORMATION

Site Description, Location and Access:

Exiting West onto Twin Cities Road (E13) from Highway 99, the site location is at the Eastern most crossing of the River. Access is via the Northeastern side of the first bridge.

Latitude/Longitude: Lat. N 38° 17' 27.1"
Long. W 121° 22' 33.2"

County: Sacramento

WATER SOURCE

The Cosumnes River is a natural stream, which ceases to flow during summer months from July until the first major storm in the fall unless water is diverted to it. Water is diverted, when available, from the Folsom-South Canal by Omochumne-Hartnell Water District. The channel, for about 10.5 miles, is dominated by agricultural supply water when water is diverted from the Folsom-South Canal from April through September.

Water Year 2004 – Dry | Water Year 2005 – Wet

Rainy Season

02/24/04

02/23/05

Spring Runoff

04/28/04

04/26/05

Irrigation Season

06/23/04

06/28/05

Dry Season

08/25/04

08/23/05

J2: 544SAC002 – Mokelumne River at New Hope Road

MONITORING SITE INFORMATION

Site Description, Location and Access:

Exiting East off of Interstate 5 onto Thornton Road (J8), take Thornton Road North. Make a left hand turn onto New Hope Road. Access is via the Southeast corner where New Hope Road crosses the river.

Latitude/Longitude: Lat. N 38° 14' 10"
Long. W 121° 25' 08"

County: Sacramento

WATER SOURCE
This site is a culmination of the entire watershed and serves as an integrator for the lower watershed. The river is wide and deep and has been channeled between levees, which in turn have been reinforced with concrete riprap in several locations.

Water Year 2004 – Dry | Water Year 2005 – Wet

Rainy Season

02/24/04

02/23/05

Spring Runoff

04/28/04

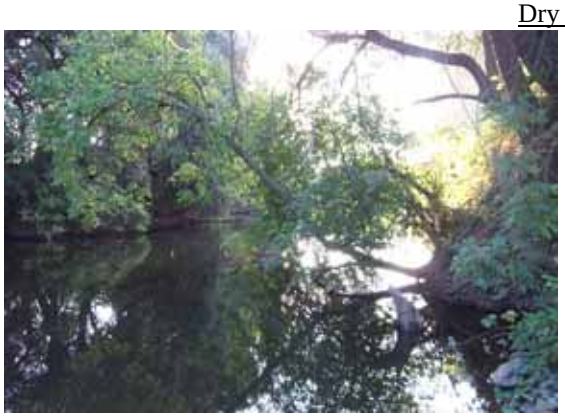
04/26/05

Irrigation Season

07/28/04

07/26/05

Dry Season



09/29/04

09/27/05

J3: 531SJC507 – Pixley Slough at Davis Road

MONITORING SITE INFORMATION

Site Description, Location and Access:

Exit East onto Eight Mile Road off of Interstate 5. Make a right hand turn onto Davis Road. Access is via the northwest side of the bridge at Davis Road and Pixley Slough.

Latitude/Longitude: Lat. N 38° 03' 22.3"
Long. W 121° 19' 59.5"

County: San Joaquin

WATER SOURCE

This slough originates at Bear Creek and carries supply water from Bear Creek to agricultural land in the North San Joaquin W.C.D. It carries agricultural supply water until it is diverted back into Bear Creek, north of Stockton. The total length of the slough is about 9.7 miles. The period that agricultural supply water dominates the flow in Pixley Slough is during the growing season from April through October.

Water Year 2004 – Dry

Water Year 2005 – Wet

Rainy Season

02/24/04

02/23/05

Spring Runoff

04/28/04

04/26/05

Irrigation Season

07/28/04

07/26/05

Dry Season

09/29/04

09/27/05

J4: 544SJC508 – Bear Creek at Thornton Road (J8)

MONITORING SITE INFORMATION

Site Description, Location and Access:

Exit East onto Eight Mile Road from Interstate 5. Make a right hand turn onto Thornton Road (J8). Access to the Creek is via the Northwest corner of the bridge.

Latitude/Longitude: Lat. N 38° 02' 35.3"
Long. W 121° 20' 54.8"

County: San Joaquin

WATER SOURCE

The headwater of Bear Creek extends to the foothills. Under natural conditions, it would flow only part of the year. Supply waters which are released form upstream reservoirs are diverted form the Mokelumne River in the North San Joaquin W.C.D. This water supplies agriculture in the district. Operational spill water contributes its flow until it reaches the Delta tidal influence at Interstate 5. The total distance is about 13.6 miles. It has been channeled in a number of locations.

Water Year 2001 Water Year 2002

Rainy Season

02/26/02

Spring Runoff

04/24/01

04/23/02

Irrigation Season

07/24/01

Dry Season

09/26/01

J5: 531SJC515 – Bear Creek at Lower Sacramento Road

MONITORING SITE INFORMATION

Site Description, Location and Access:

Exit East onto Eight Mile Road from Interstate 5. Make a right hand turn onto Lower Sacramento Road. Access to the Creek is via the Southwest corner of the bridge.

Latitude/Longitude: Lat. N 38° 02' 33.9"
Long. W 121° 19' 16.9"
County: San Joaquin

WATER SOURCE

The headwater of Bear Creek extends to the foothills. Under natural conditions, it would flow only part of the year. Supply waters that are released from upstream reservoirs are diverted from the Mokelumne River in the North San Joaquin W.C.D. This water supplies agriculture in the district. Operational spill water contributes its flow until it reaches the Delta tidal influence at Interstate 5. The total distance is about 13.6 miles. It has been channeled in a number of locations.

Note: This site was changed from the Thornton Rd. site (May of 2002) due to the influx of tidal waters from the Delta. The new (Lower Sacramento Rd.) site is upstream of the tidal influence.

Water Year 2004 – Dry

Water Year 2005 – Wet

Rainy Season

02/24/04

02/23/05

Spring Runoff

04/28/04

04/26/05

Irrigation Season

06/23/04

06/28/05

Dry Season

08/25/04

08/23/05