● Flow Monitoring Locations

0 5 10 20 Miles

N

RECLAMATION
Managing Water in the West

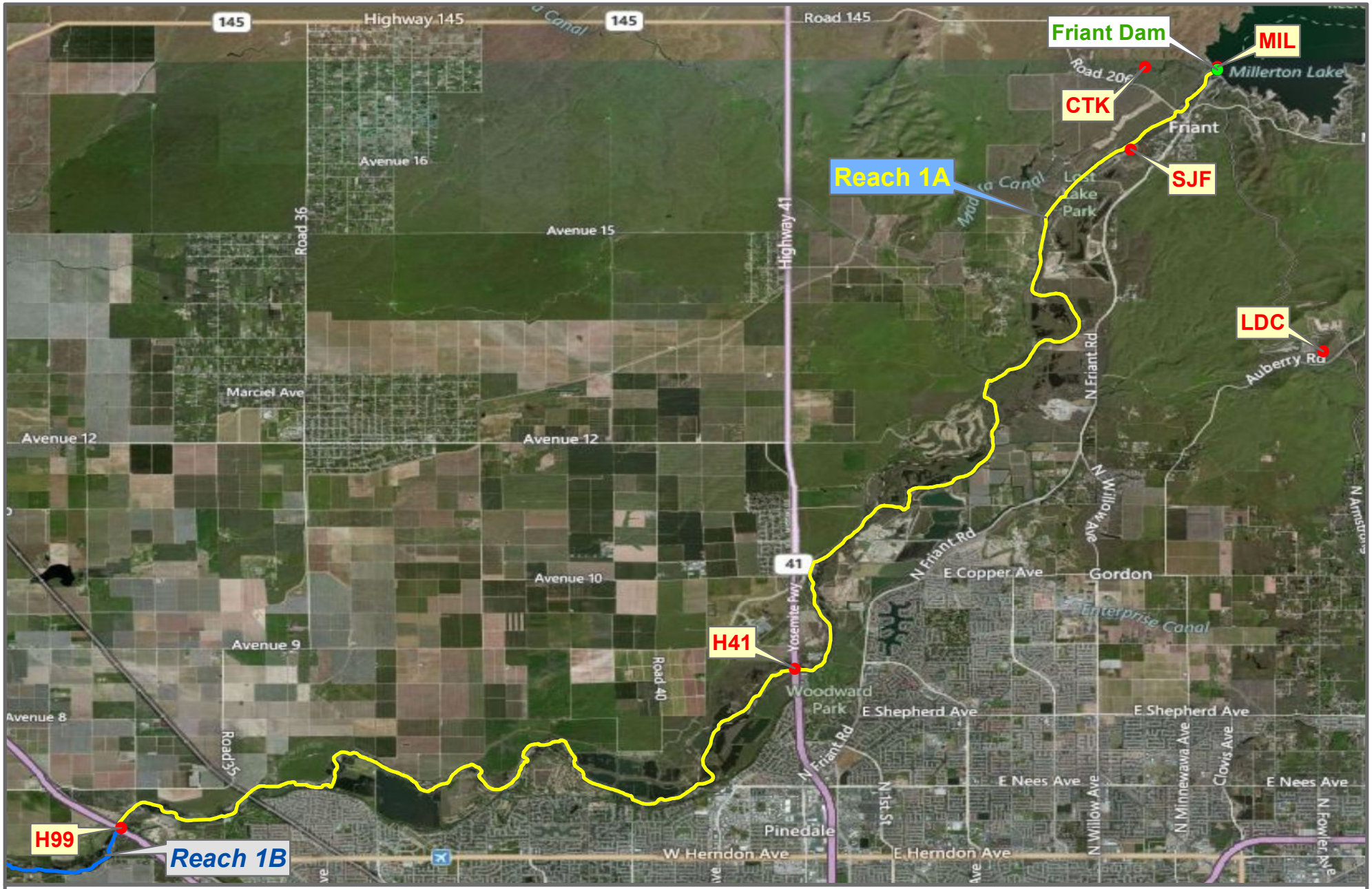
Overview
Flow Monitoring Locations

SAN JOAQUIN RIVER RESTORATION PROGRAM

Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\Overview.mxd

Last Updated: 6/11/2012



Reach 1A
Flow Monitoring Locations

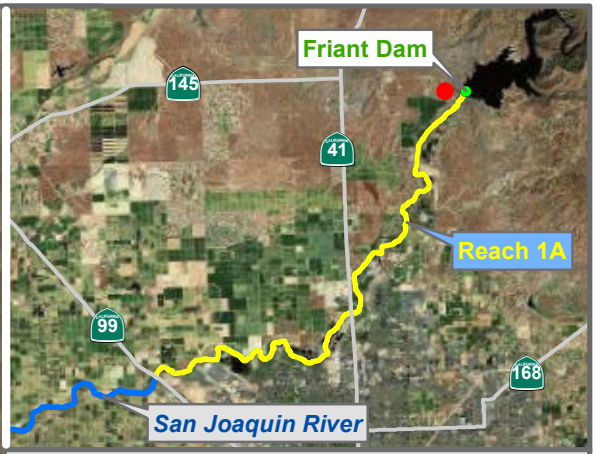
RECLAMATION
Managing Water in the West

SAN JOAQUIN RIVER RESTORATION PROGRAM

Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R1A.mxd

Last Updated: 6/11/2012



Reach = 1A
River Mile = 267.4
X = -119.7200 Y = 37.0010
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 384.82
Site = Cottonwood Creek near Friant
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Madera County
Right Bank
Status = Existing

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Friant Dam, Madera Canal, Friant Kern Canal

Notes:

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

0 500 1,000 2,000 Feet

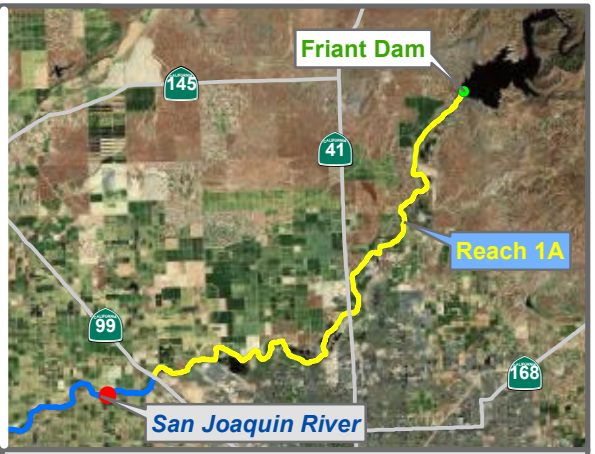
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Flow

Monitoring Location
CTK

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_CTK.mxd



Reach = 1A
River Mile = 240.7
X = -119.9658 Y = 36.8335
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 227
Site = Donny Bridge
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Madera County
Right Bank
Status = Existing

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Bridge crossing

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

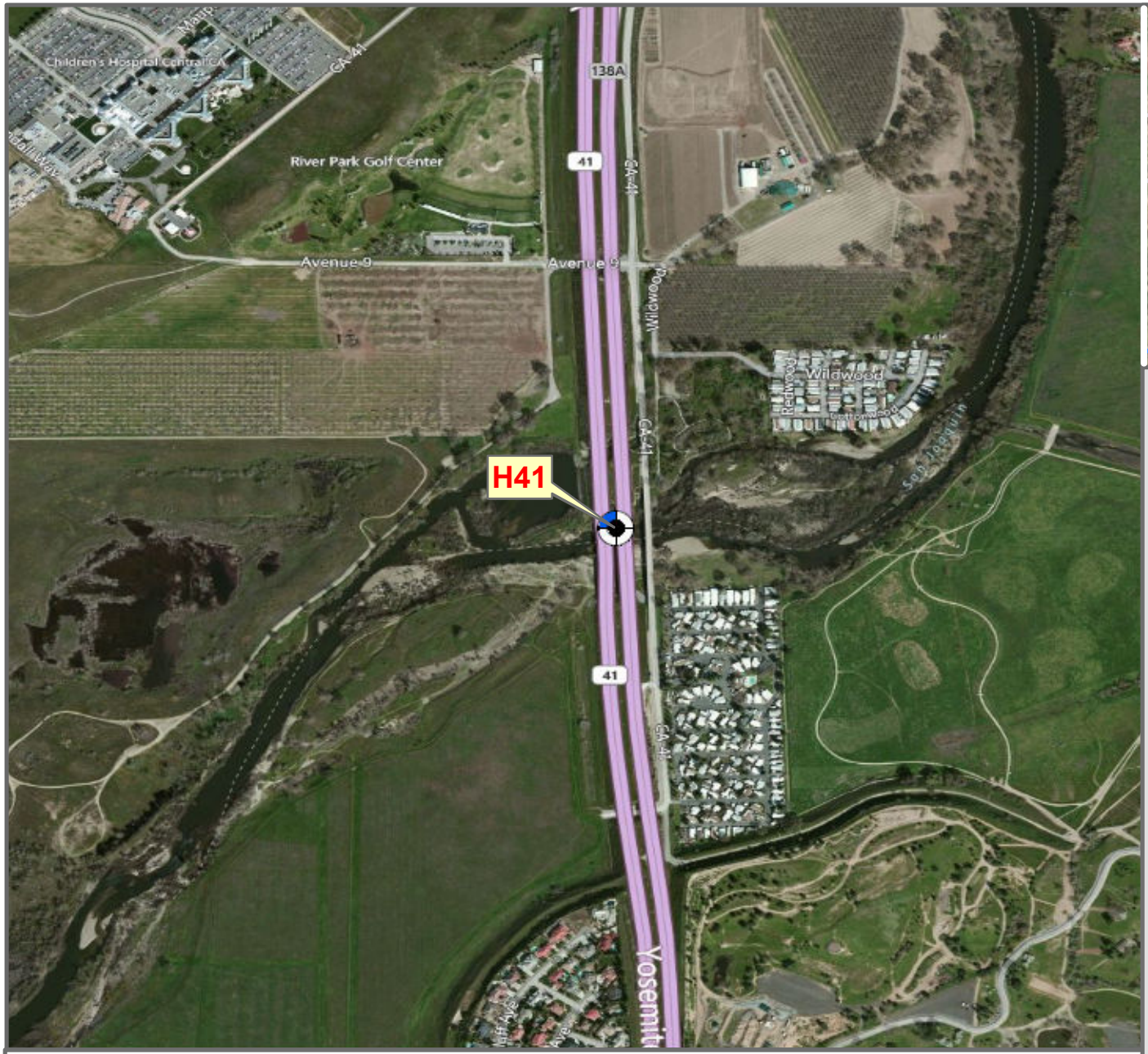
Flow

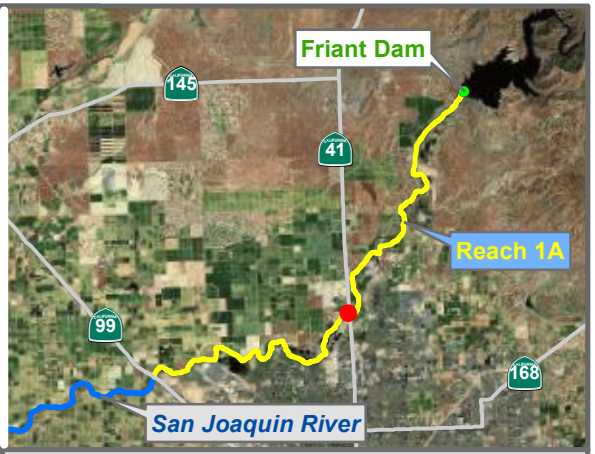
Monitoring Location
DNB

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_DNB.mxd





Reach = 1A
River Mile = 255.1
X = -119.7926 Y = 36.8763
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 290
Site = SJR at Hwy 41
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR

Madera County
Right Bank
Status = Existing

Measurements:

1. Type = Measurement
   Interval =
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Highway crossing

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

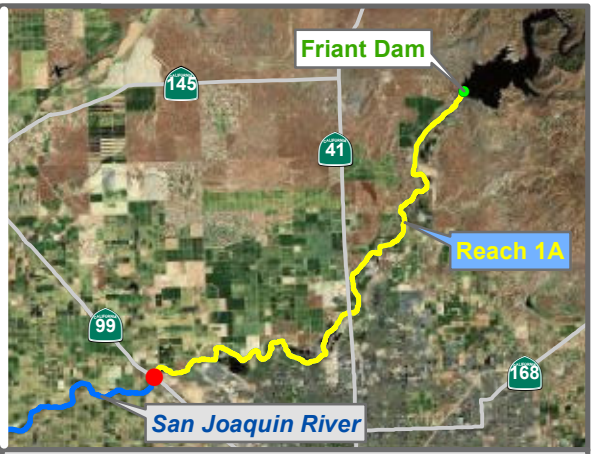
Flow

Monitoring Location
H41

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_H41.mxd

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data



Reach = 1A
River Mile = 243.16
X = -119.9322 Y = 36.8432
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 222.464
Site = SJR at Hwy 99 (Camp Pashayan)
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:

1. Type = Measurement
   Interval =
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Fresno County
Left Bank
Status = Existing

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Highway crossing

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

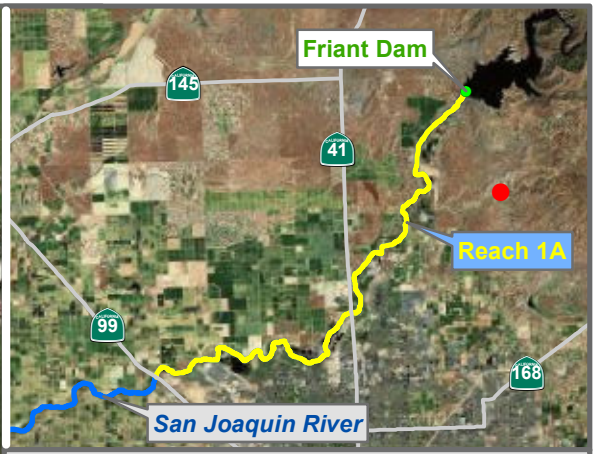
Flow

Monitoring Location
H99

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_H99.mxd



Reach = 1A
River Mile = 260.6
X = -119.6830 Y = 36.9420
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 312.31
Site = Little Dry Creek
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Fresno County
Left Bank
Status = Existing

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

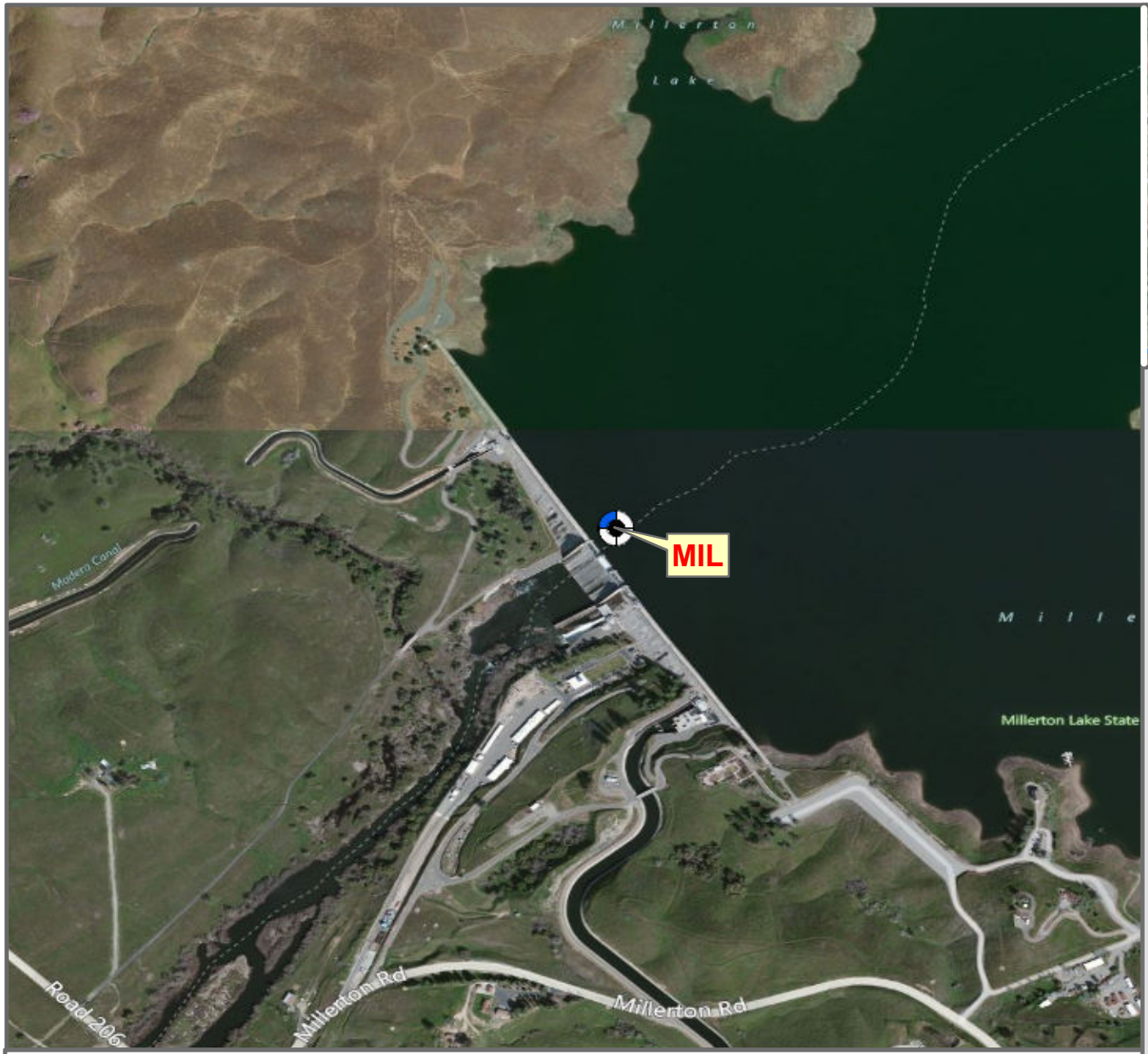
Flow

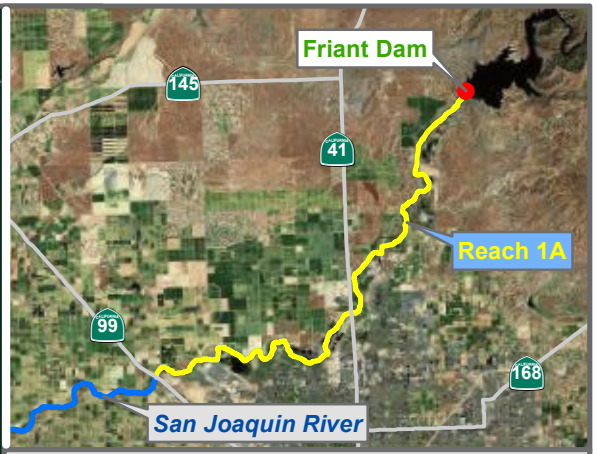
Monitoring Location
LDC

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_LDC.mxd





Reach = 1A
River Mile = 267.7
X = -119.7050 Y = 37.0010
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) = 581
Measurement Pt. Elevation (ft NAVD88) = 587.15
Site = Friant Dam
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:

1. Type = Realtime
   Interval = Hourly
   Date Range =
2. Type = Measurement
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Madera County
Right Bank
Status = Existing

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Friant Dam, Madera Canal, Friant Kern Canal

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

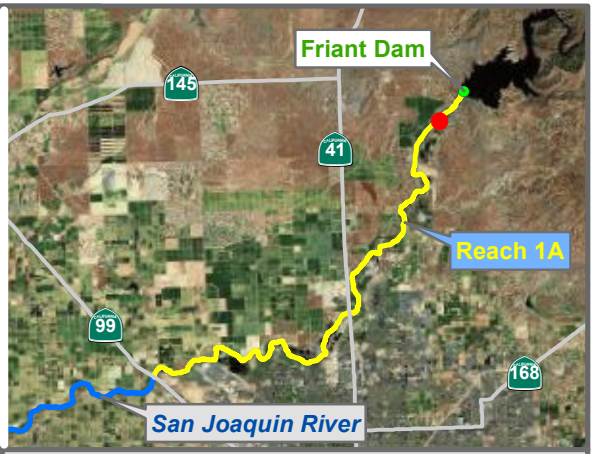
Flow

Monitoring Location
MIL

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_MIL.mxd



Reach = 1A
River Mile = 266
X = -119.7230 Y = 36.9840
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 309.04
Site = Below Friant (Lost Lake Park)
Habitat =
Protocol Reference = ATR Appendix C
Organization = USGS
Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type = Measurement
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Fresno County
Left Bank
Status = Existing

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Friant Dam, Madera Canal, Friant Kern Canal

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

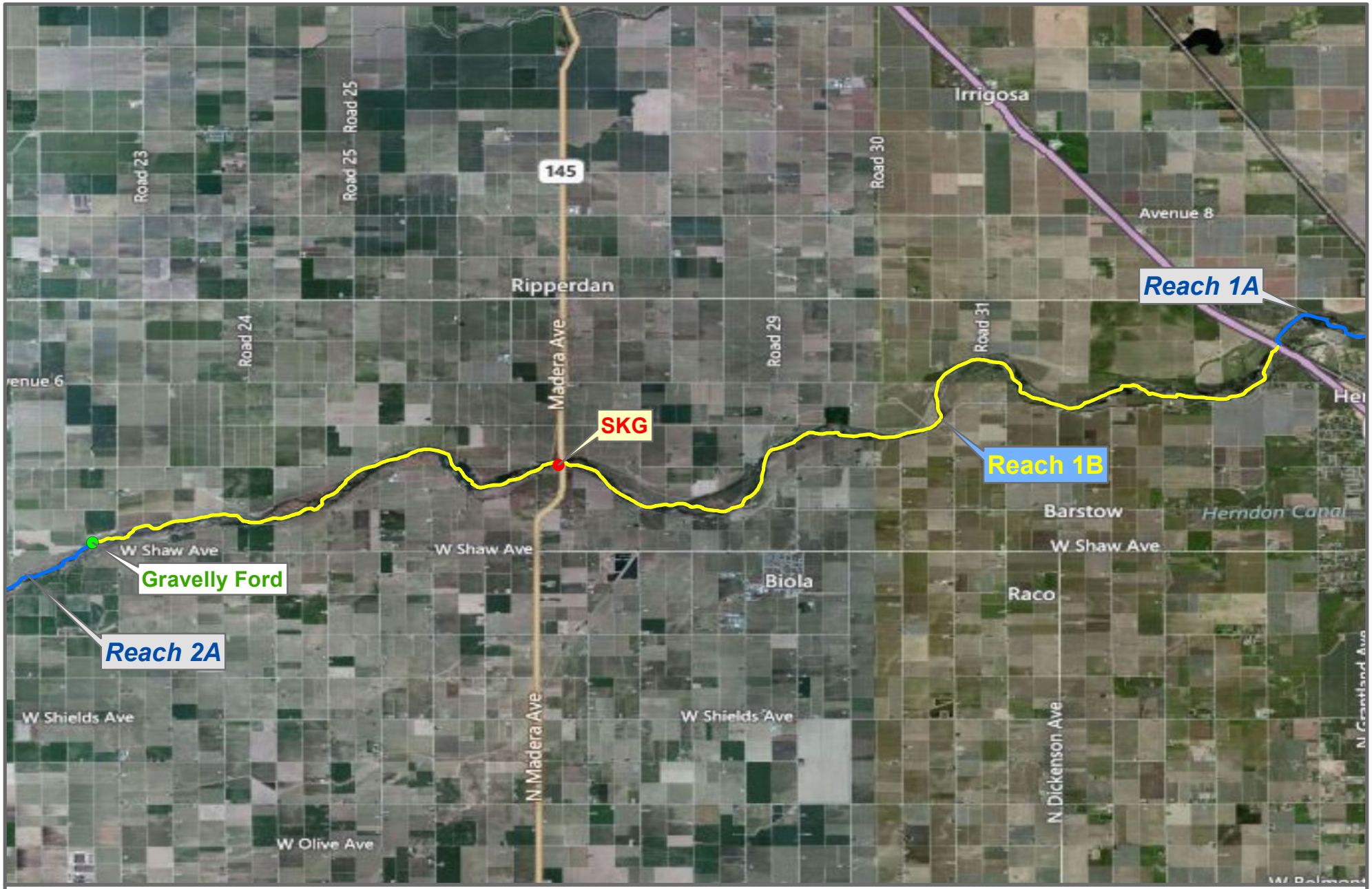
Flow

Monitoring Location
SJF

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_SJF.mxd



0 1 2 4 Miles

N

RECLAMATION
Managing Water in the West

Reach 1B
Flow Monitoring Locations

SAN JOAQUIN RIVER
RESTORATION PROGRAM

Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R1B.mxd

Last Updated: 6/11/2012

Reach = 1B
River Mile = 227.6
X = -120.1600 Y = 36.7980
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 184.88
Site = Gravelly Ford
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type = Measurement
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Fresno County
Left Bank
Status = Existing

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Gravelly Ford Canal

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

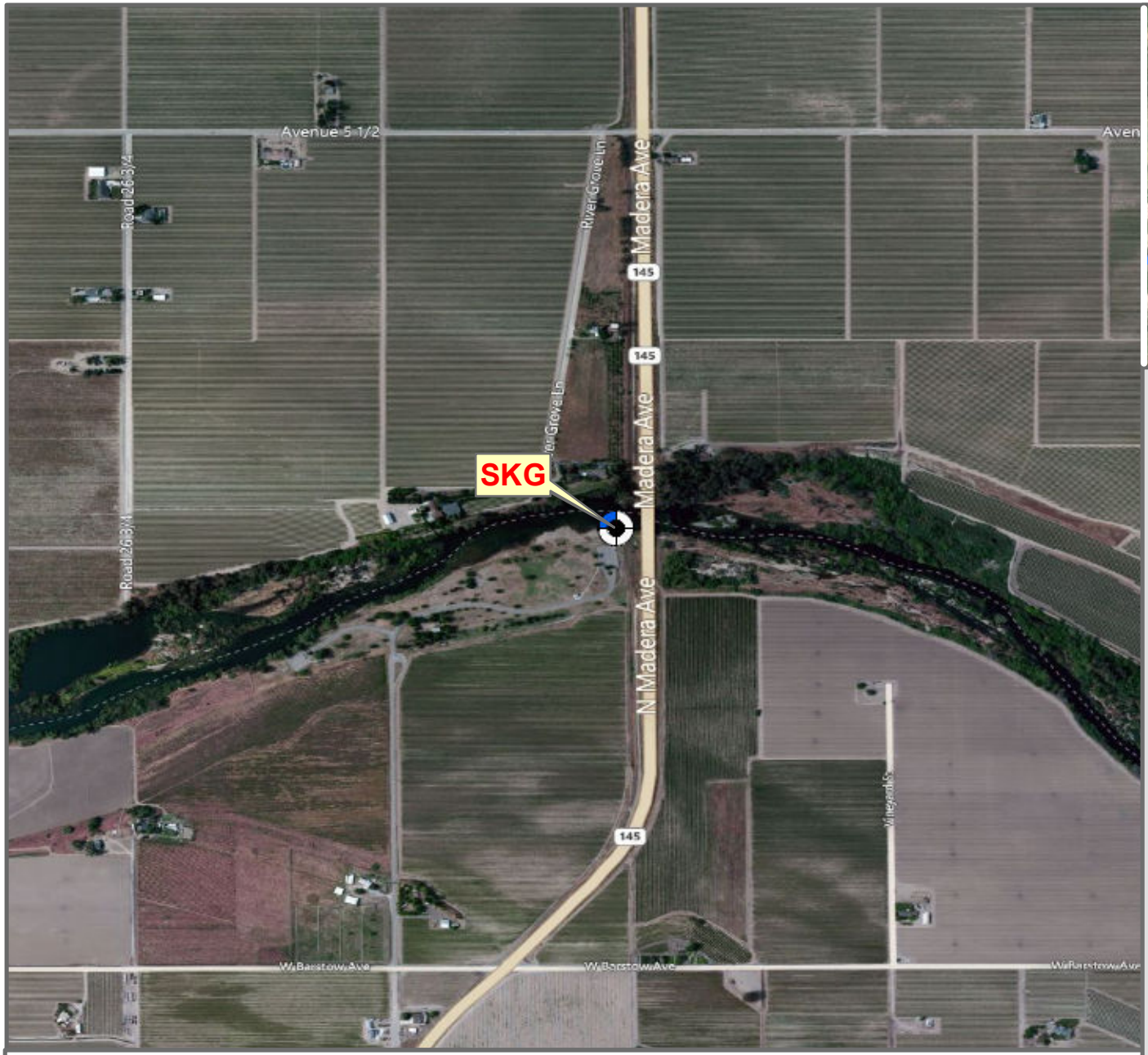
Flow

Monitoring Location
GRF

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_GRF.mxd



Reach = 1B
River Mile = 232.1
X = -120.0568 Y = 36.8227
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 235.22
Site = SJR at Skaggs Bridge
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:

1. Type = Measurement
   Interval =
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Fresno County
Left Bank
Status = Existing

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Bridge crossing, Madera Lateral 6.2

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

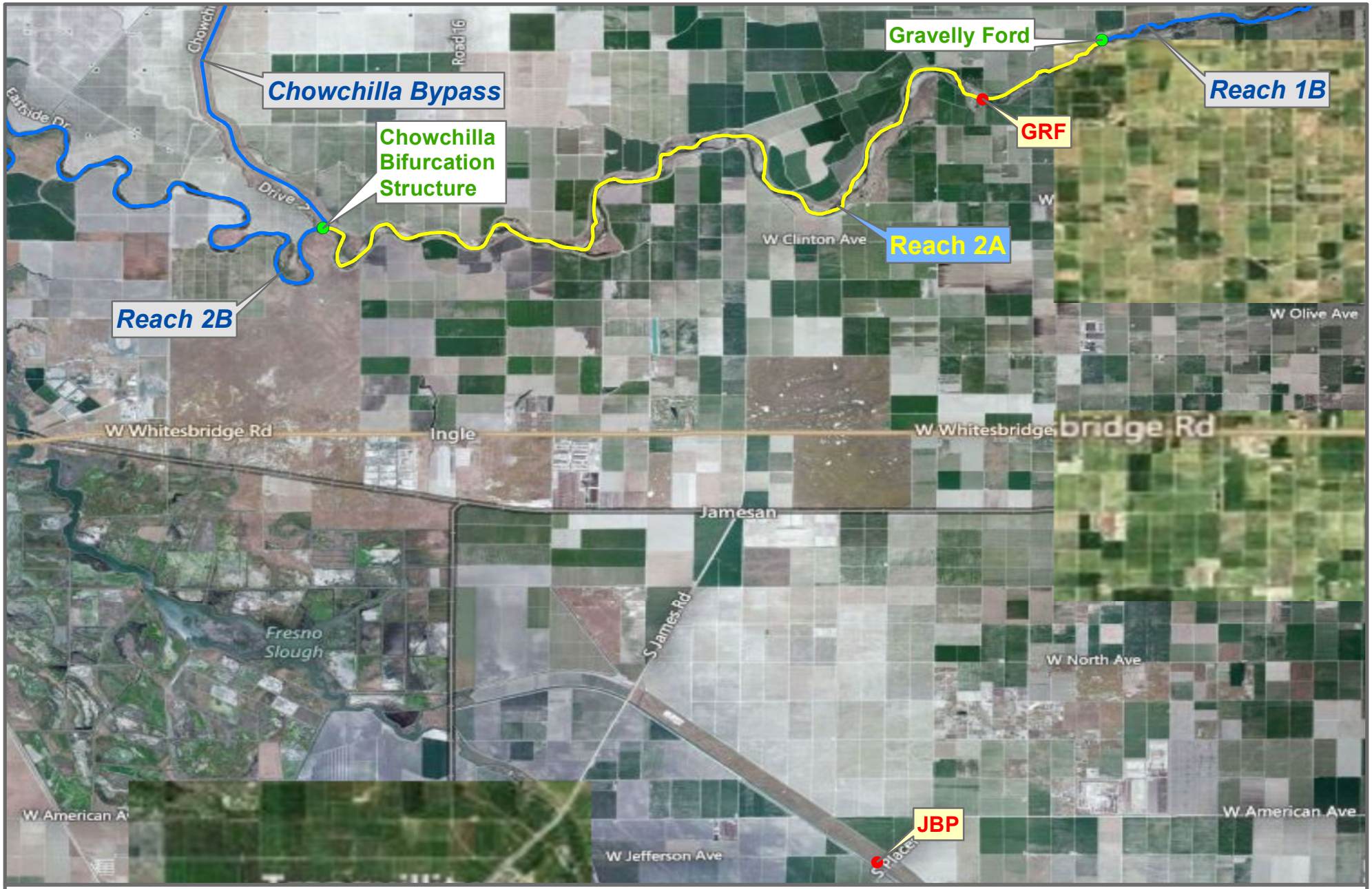
Flow

Monitoring Location SKG

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated: 6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_SKG.mxd



0 1 2 4 Miles

N

Reach 2A
Flow Monitoring Locations

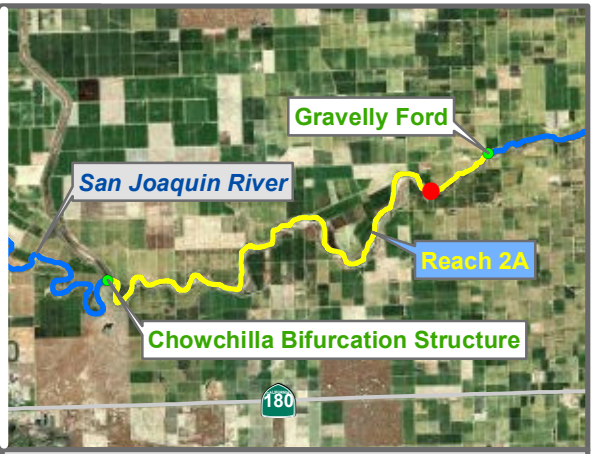
RECLAMATION
Managing Water in the West

SAN JOAQUIN RIVER RESTORATION PROGRAM

Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R2A.mxd

Last Updated: 6/11/2012



Reach = 2A
River Mile = 227.6
X = -120.1600 Y = 36.7980
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 184.88
Site = Gravelly Ford
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type = Measurement
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Fresno County
Left Bank
Status = Existing

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Gravelly Ford Canal

Notes:

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

0 500 1,000 2,000 Feet

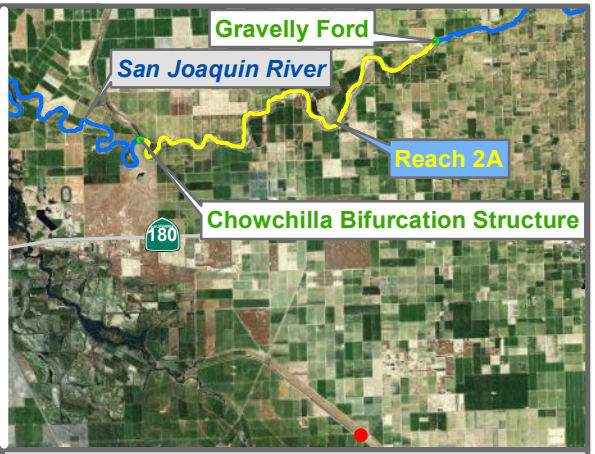
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Flow

Monitoring Location
GRF

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_GRF.mxd



Reach = 2A
River Mile = 224
X = -120.1800 Y = 36.6530
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 166.13
Site = James Bypass
Habitat =
Protocol Reference = ATR Appendix C
Organization = SLDMWA

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

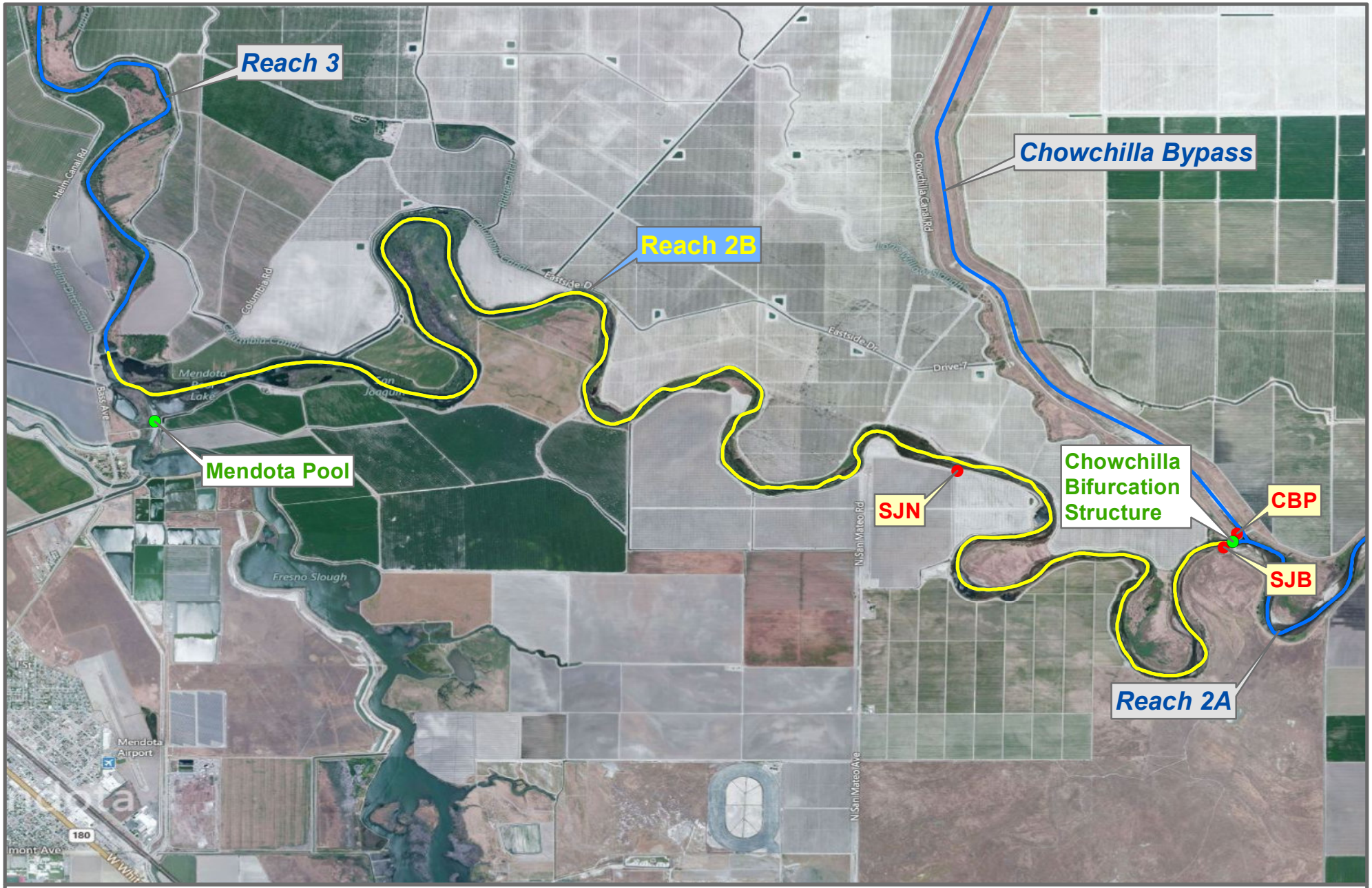
Flow

Monitoring Location
JBP

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_JBP.mxd



0 0.375 0.75 1.5 Miles

N

Reach 2B
Flow Monitoring Locations

RECLAMATION
Managing Water in the West

SAN JOAQUIN RIVER RESTORATION PROGRAM

Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R2B.mxd

Last Updated: 6/11/2012

Reach = 2B
River Mile = 216
X = -120.2850 Y = 36.7740
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 180.59
Site = Chowchilla Bypass
Habitat =
Protocol Reference = ATR Appendix C
Organization = SLDMWA

Madera County
Right Bank
Status = Existing

Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type = Measurement
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Chowchilla Bypass, Chowchilla Canal, Columbia Canal

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

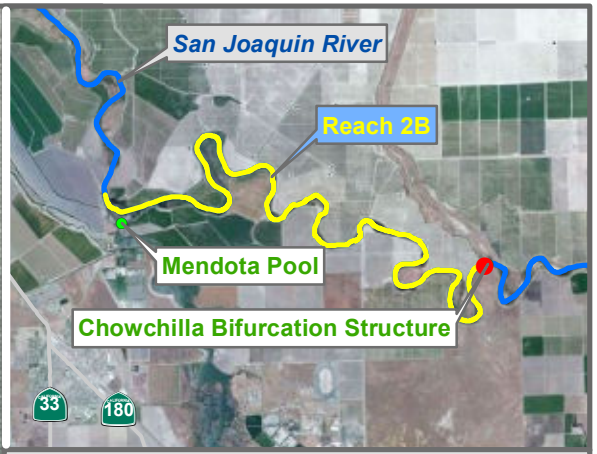
Flow

Monitoring Location
CBP

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_CBP.mxd



Reach = 2B
River Mile = 216
X = -120.2860 Y = 36.7730
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 180.52
Site = Below Bifurcation
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Chowchilla Bypass, Chowchilla Canal, Columbia Canal

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

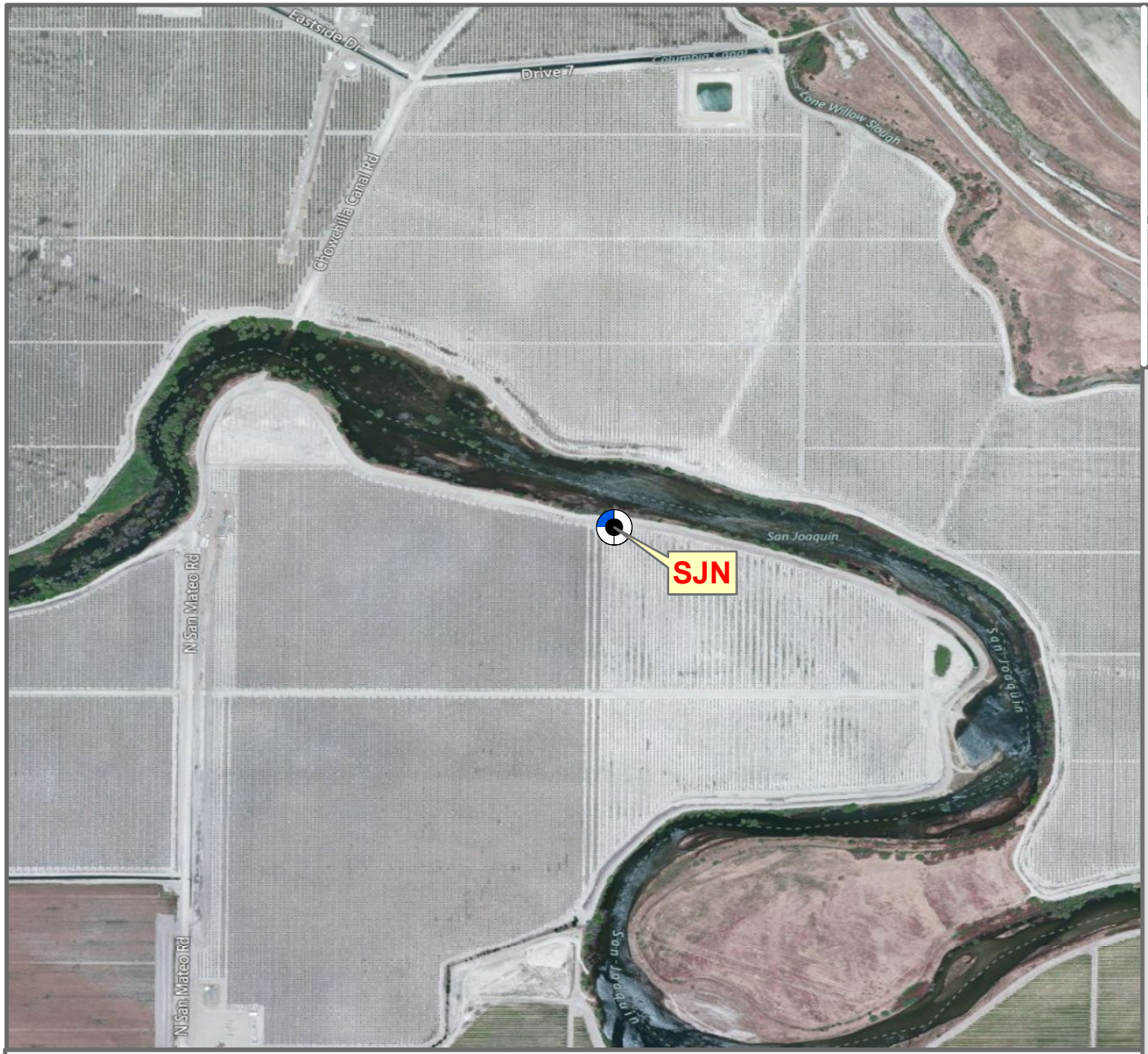
Flow

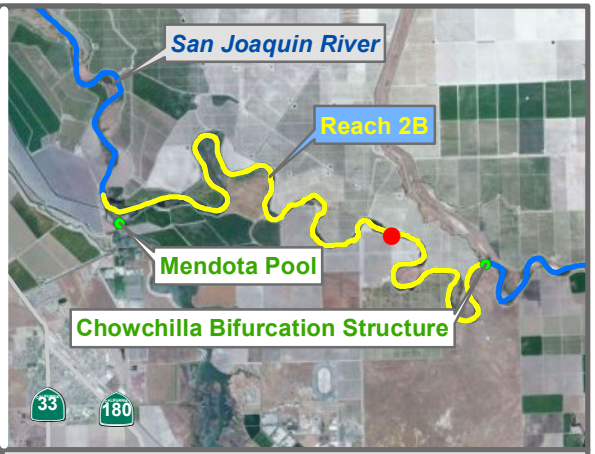
Monitoring Location
SJB

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_SJB.mxd





Reach = 2B
River Mile = 211.8
X = -120.3067 Y = 36.7789
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 165.22
Site = SJR at San Mateo Rd nr Mendota
Habitat =
Protocol Reference = ATR Appendix C
Organization = USGS
Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Fresno County
Left Bank
Status = Existing

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Chowchilla Bypass, Chowchilla Canal, Columbia Canal

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

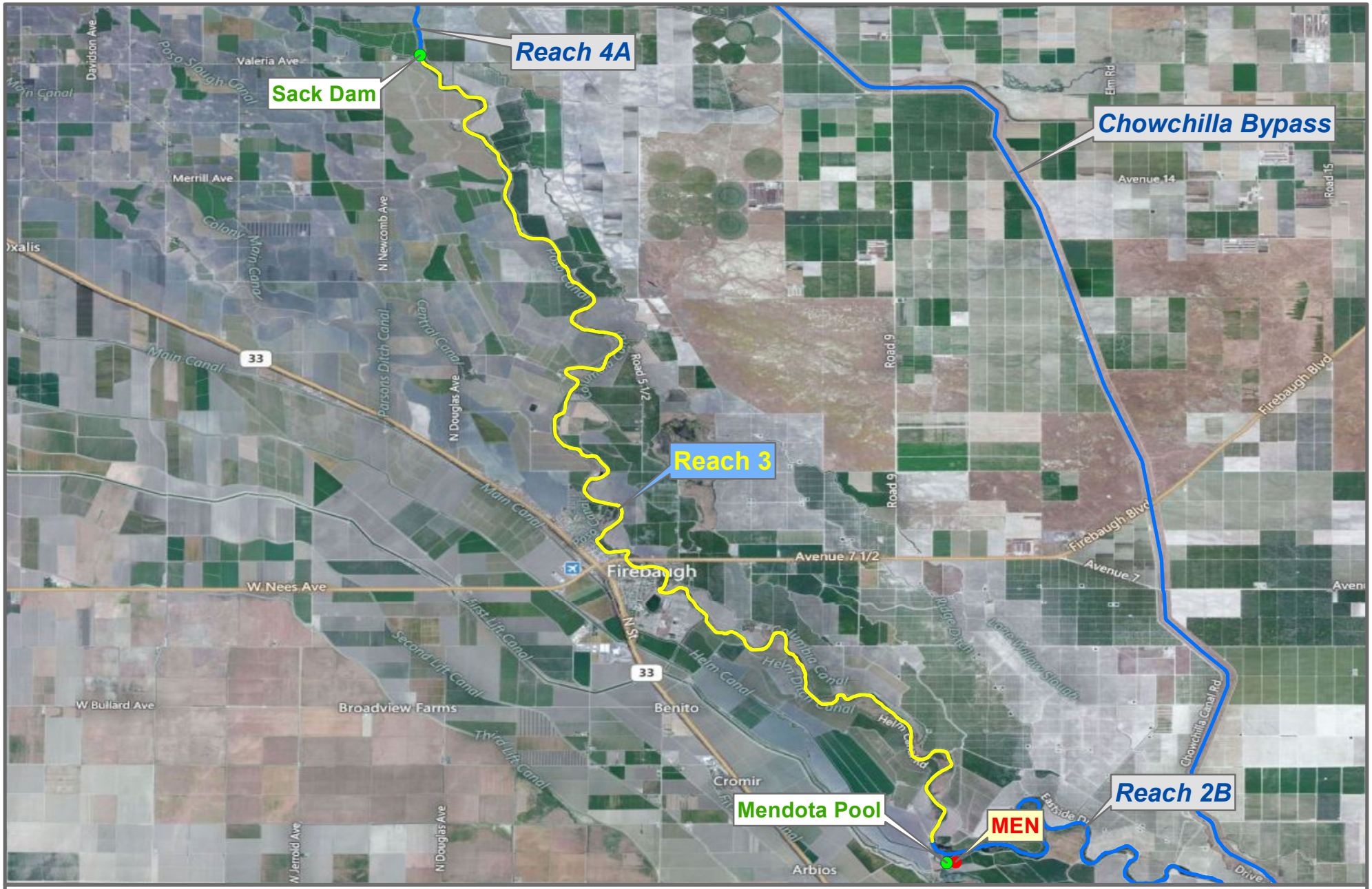
Flow

Monitoring Location
SJN

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_SJN.mxd



0 1.25 2.5 5 Miles

N

RECLAMATION
Managing Water in the West

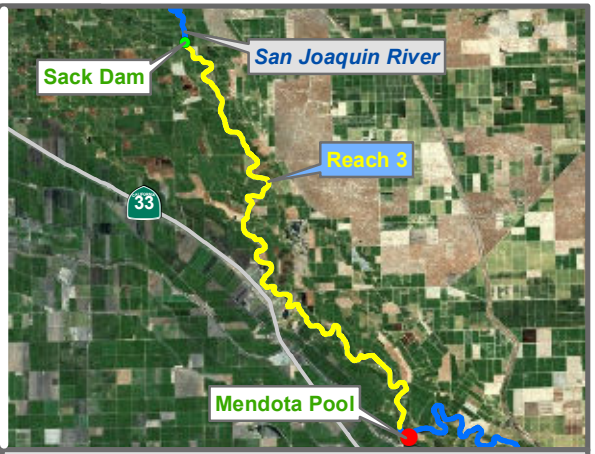
Reach 3
Flow Monitoring Locations

SAN JOAQUIN RIVER RESTORATION PROGRAM

Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R3.mxd

Last Updated: 6/11/2012



Reach = 3
River Mile = 202.1
X = -120.3670 Y = 36.7830
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 155.06
Site = San Joaquin River near Mendota
Habitat =
Protocol Reference = ATR Appendix C
Organization = USGS
Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type = Measurement
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Fresno County
Left Bank
Status = Existing

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Mendota Diversions

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

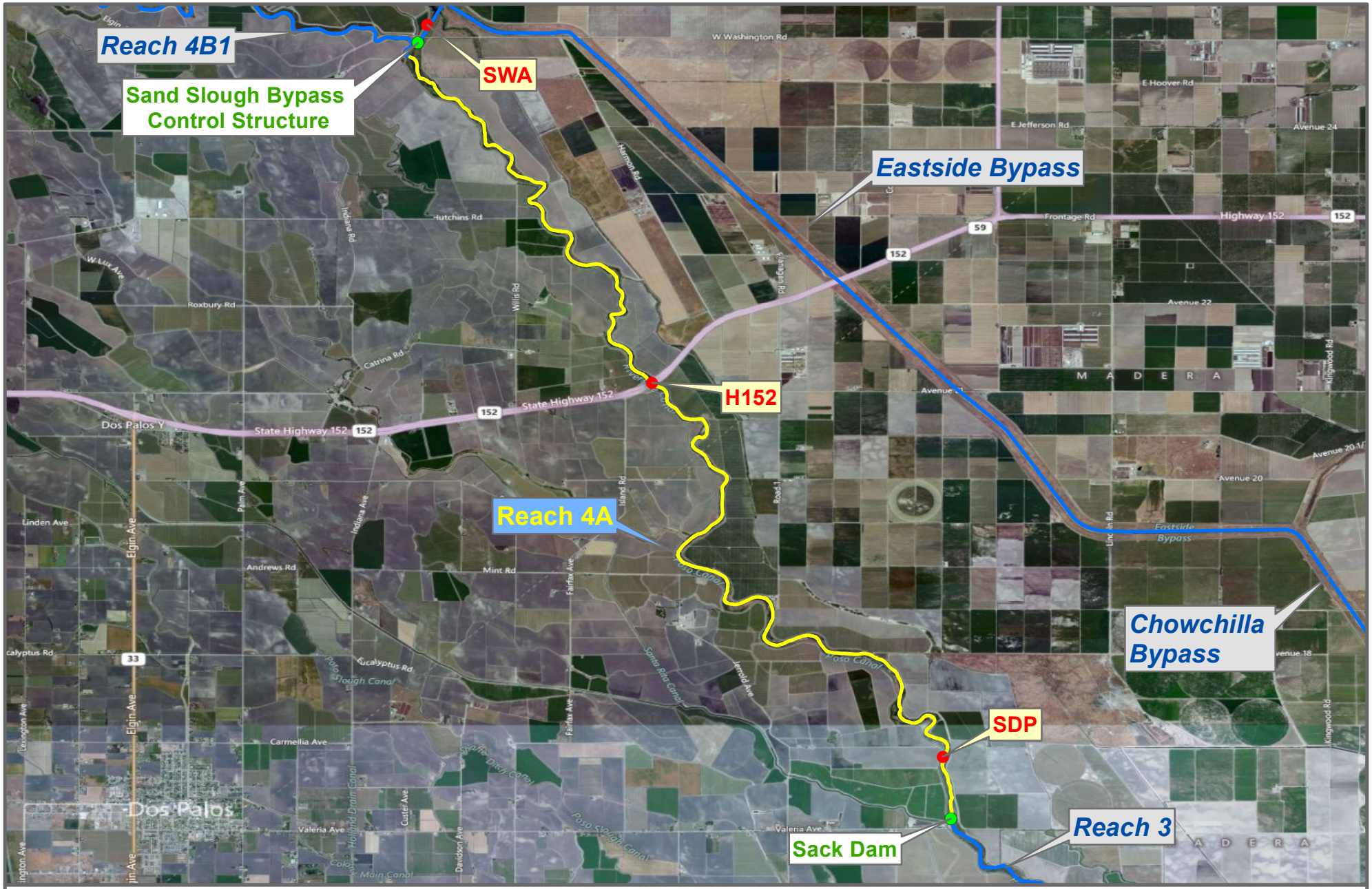
Flow

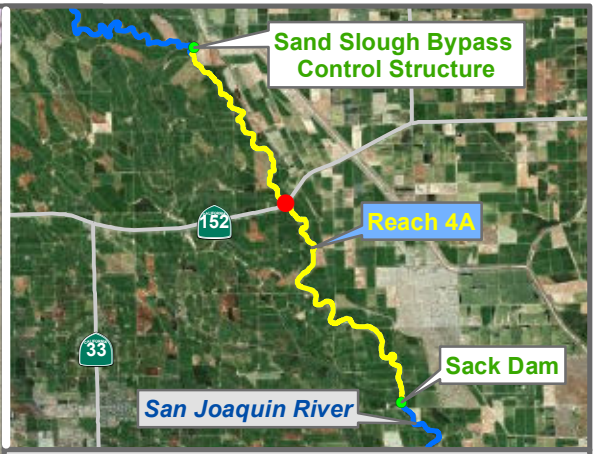
Monitoring Location
MEN

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_MEN.mxd

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data


Reach 4B1
Sand Slough Bypass Control Structure
SWA
Eastside Bypass
H152
Reach 4A
Chowchilla Bypass
SDP
Sack Dam
Reach 3
W Washington Rd
E Hoover Rd
E Jefferson Rd
Avenue 24
Hutchins Rd
Frontage Rd
Highway 152
Roxbury Rd
Catrina Rd
State Highway 152
Dos Palos Y
Avenue 22
MADERA
Avenue 20
Linden Ave
Andrews Rd
Mint Rd
Eucalyptus Rd
Carmellia Ave
Dos Palos
Valeria Ave
Poso Slough Canal
Santa Rita Canal
Eastside Bypass
0 1 2 4 Miles
N
RECLAMATION
Managing Water in the West
Reach 4A
Flow Monitoring Locations
Preliminary Data
SAN JOAQUIN RIVER RESTORATION PROGRAM
V:\SJRRP\Monitoring Well Data\Atlas_Flow\R4A.mxd
Last Updated: 6/11/2012



Reach = 4A
River Mile = 173.9
X = -120.5497 Y = 37.0560
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 102.785
Site = SJR at Hwy 152
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:

1. Type = Measurement
   Interval =
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Merced County
Right Bank
Status = Existing

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Highway Crossing

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

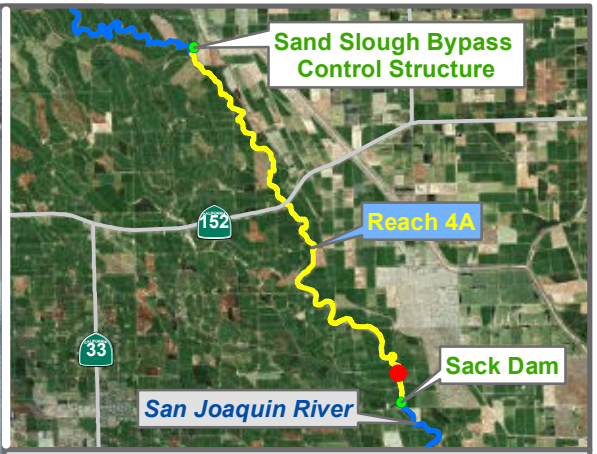
Flow

Monitoring Location
H152

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_H152.mxd



Reach = 4A
River Mile = 181.2
X = -120.5015 Y = 36.9940
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 126.934
Site = Below Sack Dam
Habitat =
Protocol Reference = ATR Appendix C
Organization = DWR

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type = Measurement
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Sac Dam, Arroyo Canal

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

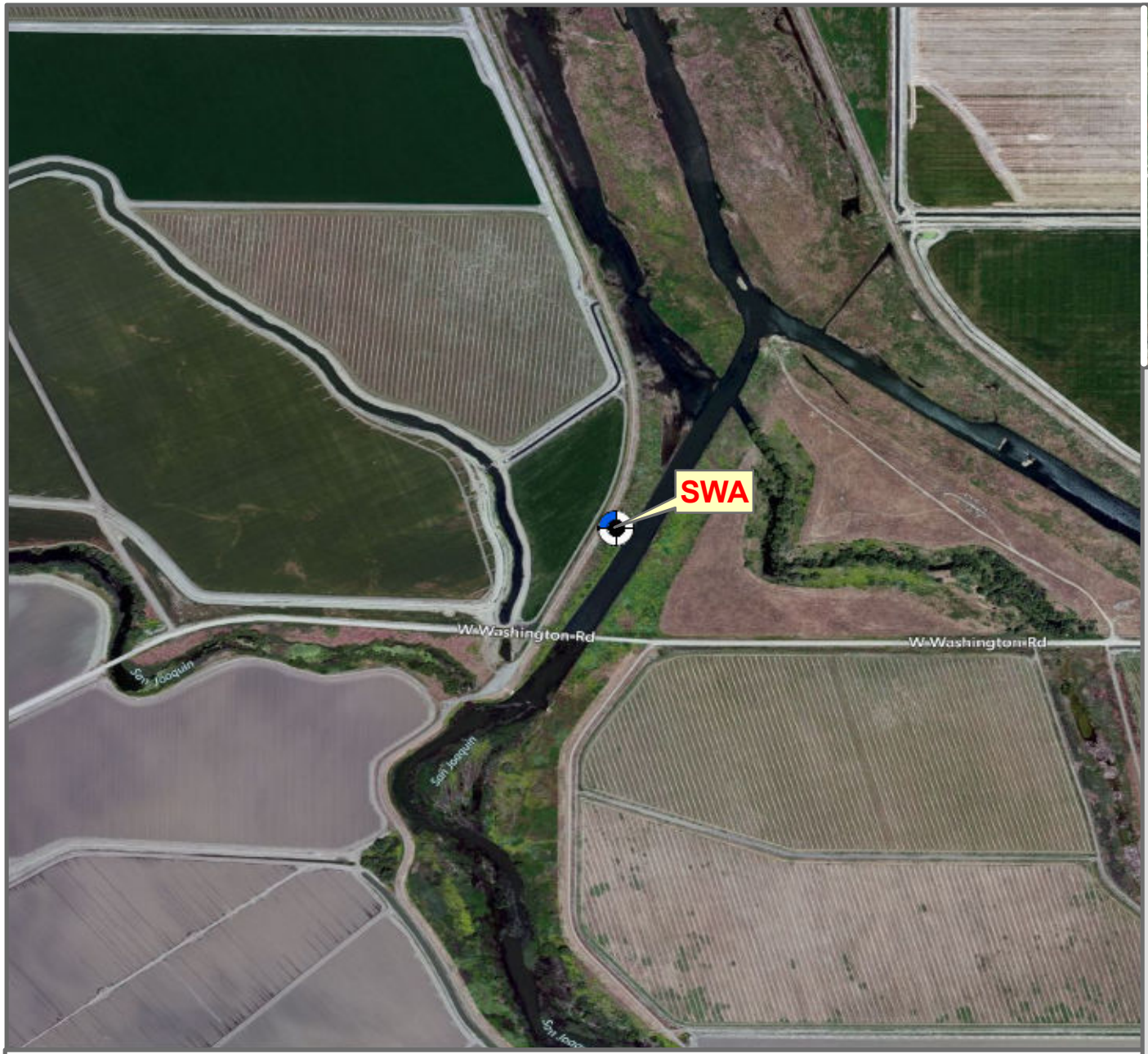
Flow

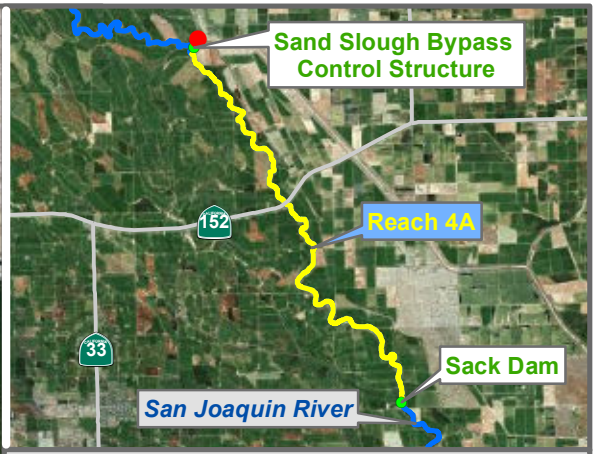
Monitoring Location
SDP

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_SDP.mxd

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data





Reach = 4A
River Mile = 168.4
X = -120.5870 Y = 37.1153
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 101.796
Site = Washington Road
Habitat =
Protocol Reference = ATR Appendix C
Organization = DWR

Merced County
Left Bank
Status = Existing

Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Sand Slough, Mariposa bypass, East Side Bypass

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

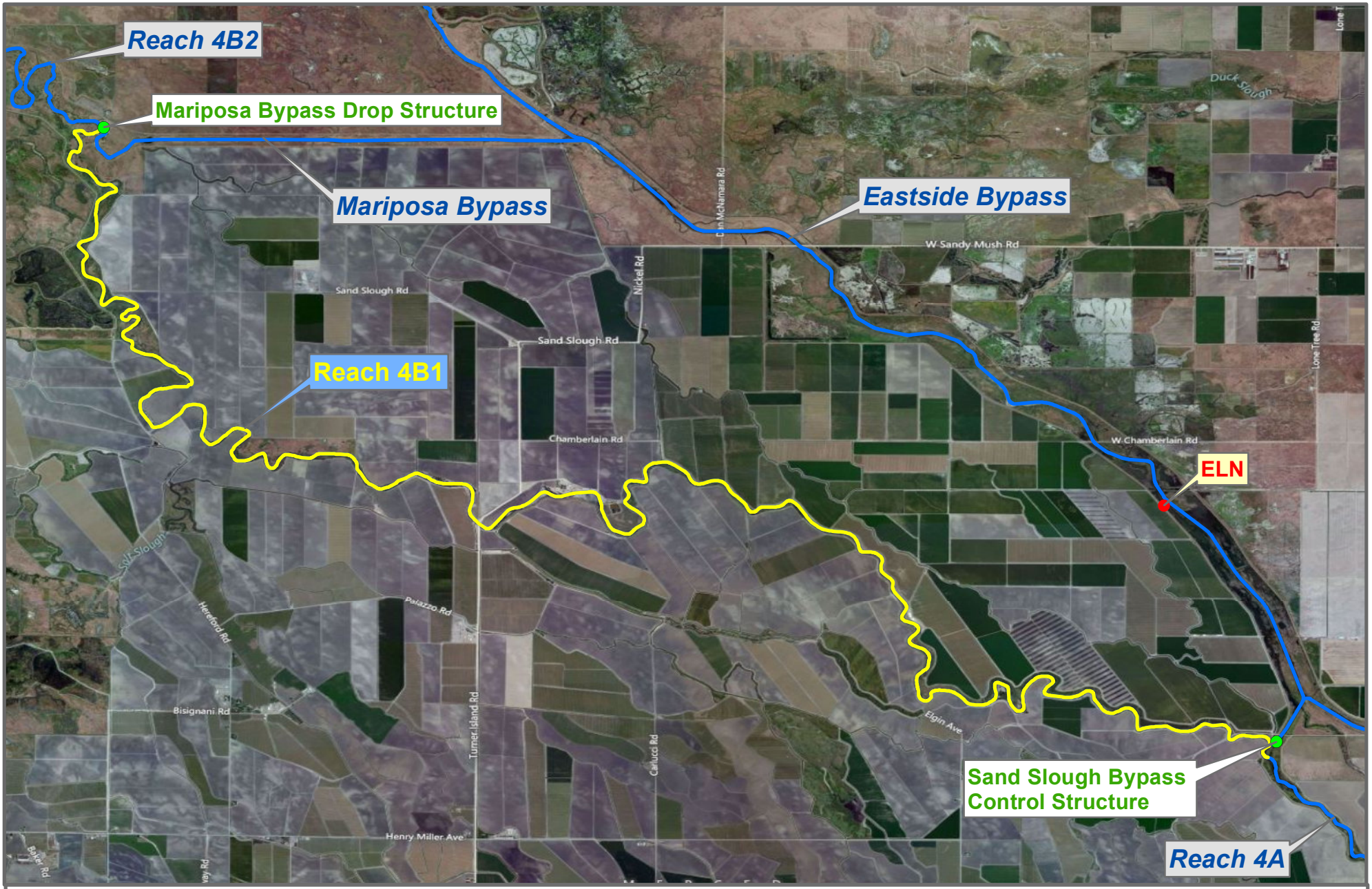
Flow

Monitoring Location SWA

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_SWA.mxd



0 1 2 4 Miles

N

Reach 4B1
Flow Monitoring Locations

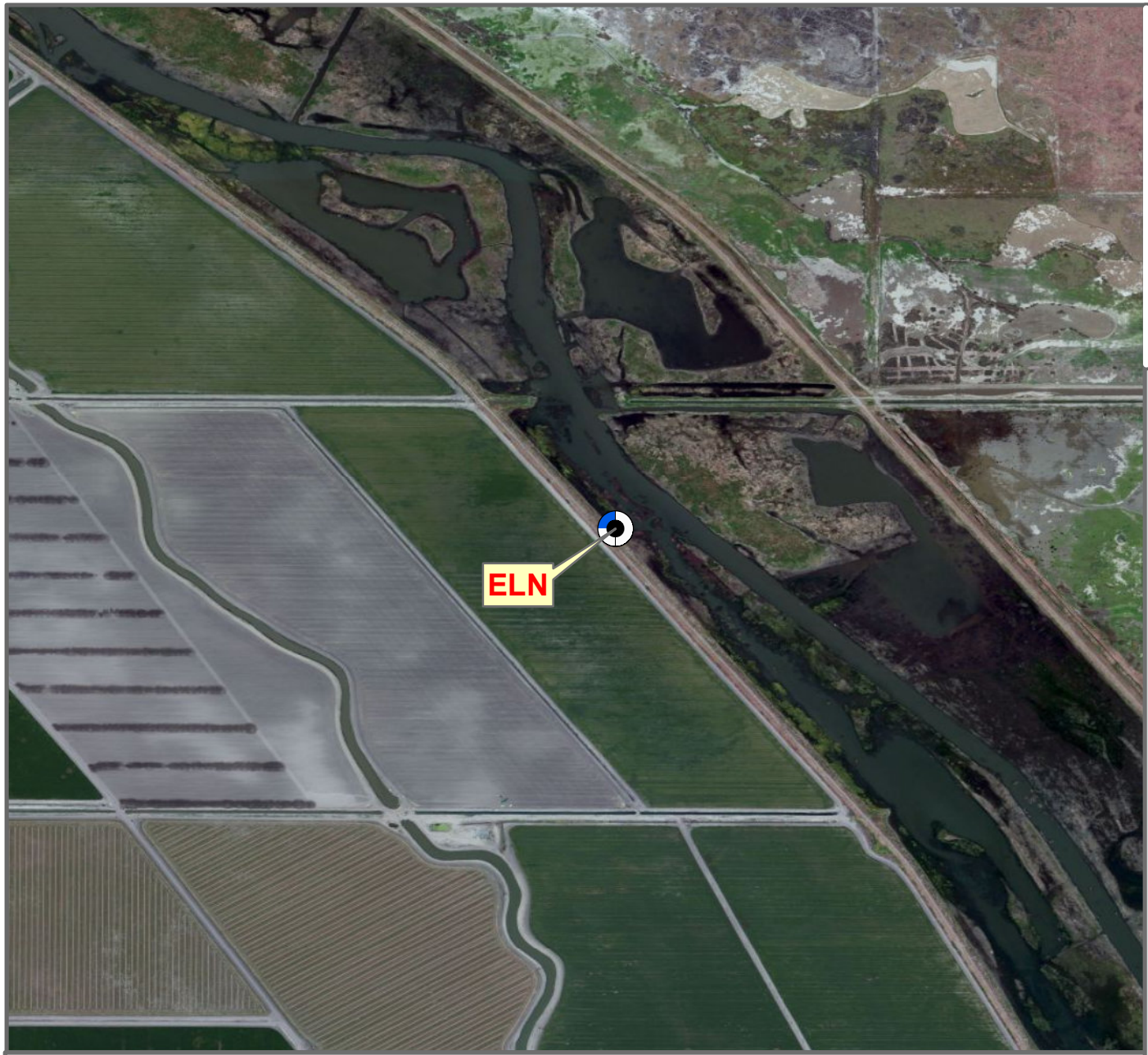
Preliminary Data

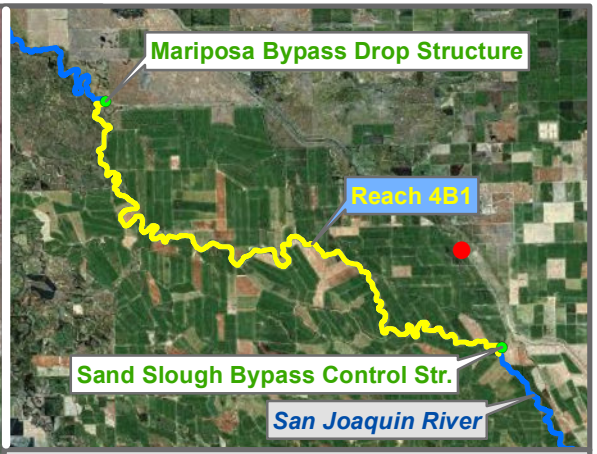
RECLAMATION
Managing Water in the West

SAN JOAQUIN RIVER
RESTORATION PROGRAM

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R4B1.mxd

Last Updated: 6/11/2012





Reach = 4B1
River Mile = 163
X = -120.6053 Y = 37.1475
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 109.68
Site = Eastside Bypass near El Nido
Habitat =
Protocol Reference = ATR Appendix C
Organization = DWR

Merced County
Left Bank
Status = Existing

Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Sand Slough, Mariposa bypass, East Side Bypass

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

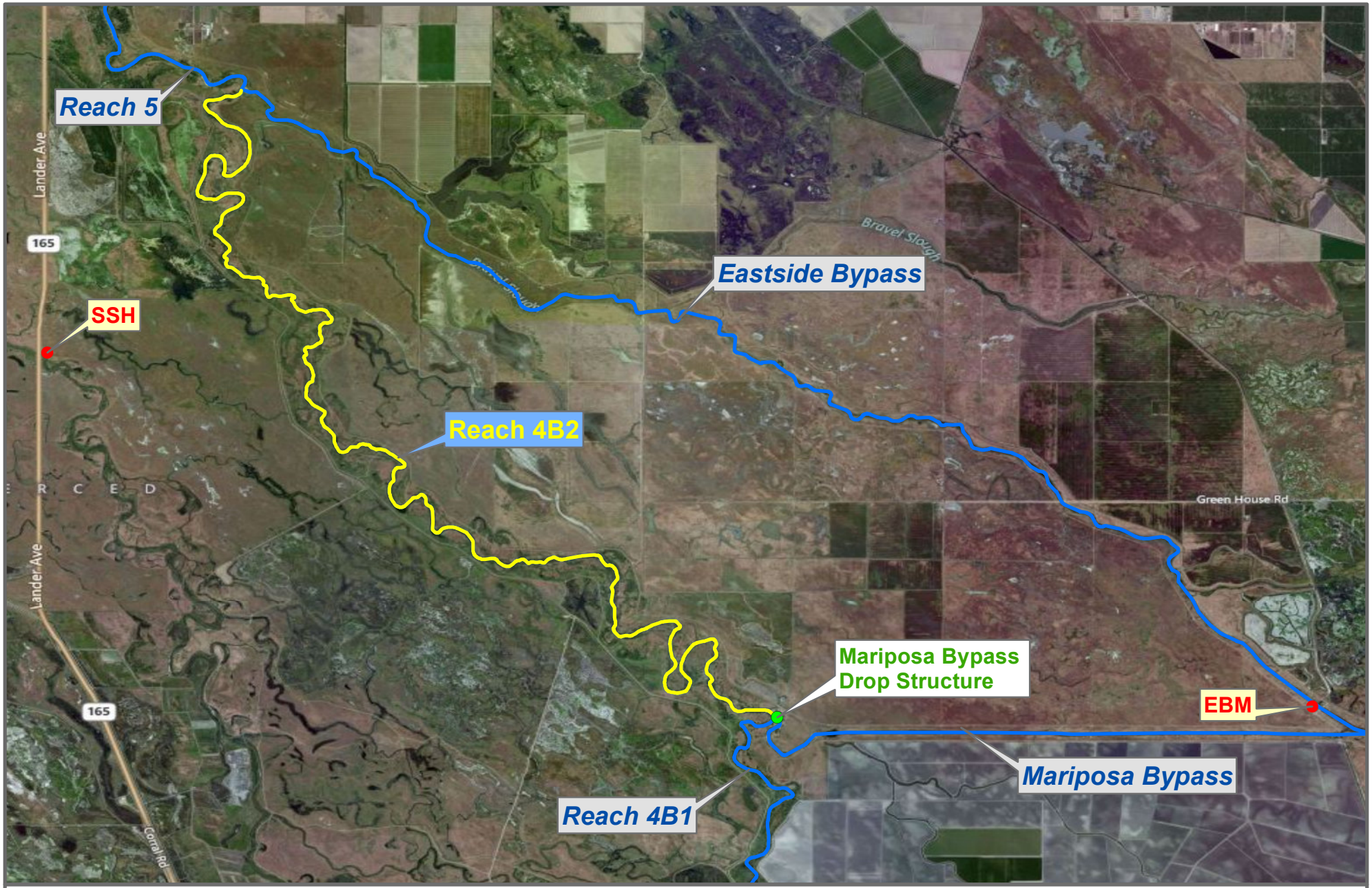
Flow

Monitoring Location
ELN

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_ELN.mxd



0 0.75 1.5 3 Miles

N

RECLAMATION
Managing Water in the West

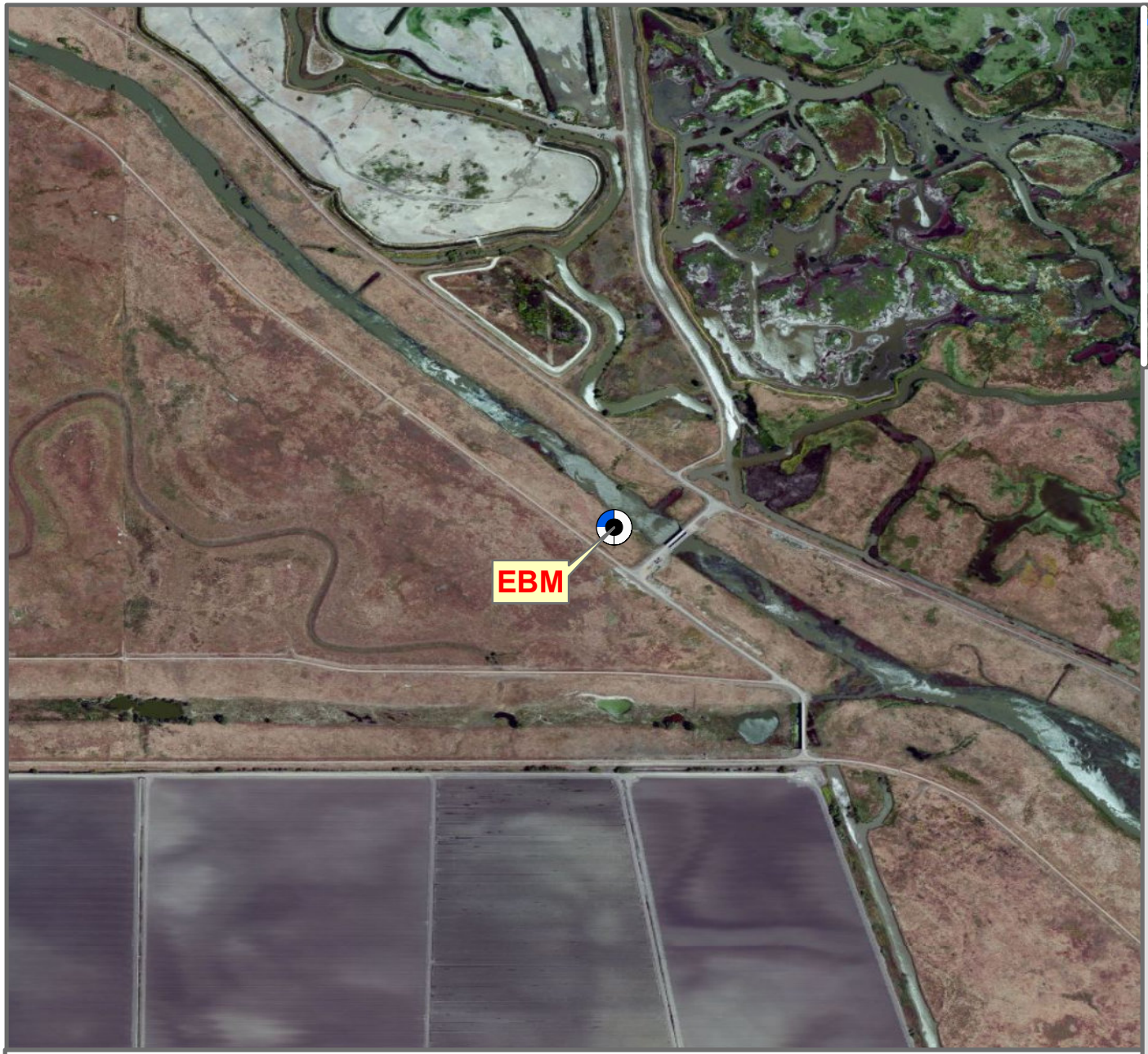
Reach 4B2
Flow Monitoring Locations

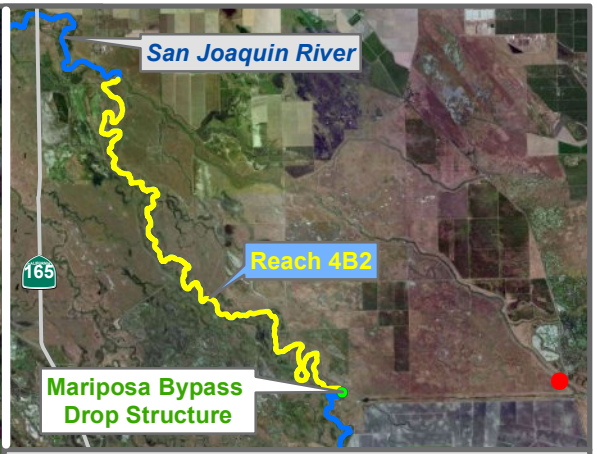
Preliminary Data

SAN JOAQUIN RIVER RESTORATION PROGRAM

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R4B2.mxd

Last Updated: 6/11/2012





Reach = 4B2 | Merced County
River Mile = 146 | Left Bank
X = -120.6981 Y = 37.2050 | Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 106.75
Site = Eastside Bypass blw Mariposa Bypass
Habitat =
Protocol Reference = ATR Appendix C
Organization = DWR
Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Mariposa bypass, East Side Bypass, East Side Irrigation Canal, Deep Slough

Notes:

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

0 500 1,000 2,000 Feet

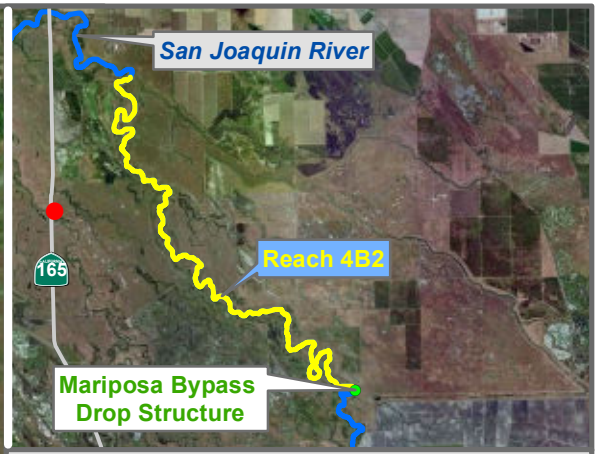
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Flow

Monitoring Location
EBM

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_EBM.mxd



Reach = 4B2 Merced County
River Mile = 132.8 Left Bank
X = -120.8511 Y = 37.2478 Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 79.14
Site = Salt Slough
Habitat =
Protocol Reference = ATR Appendix C
Organization = USGS
Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Salt Slough, San Luis Drain

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

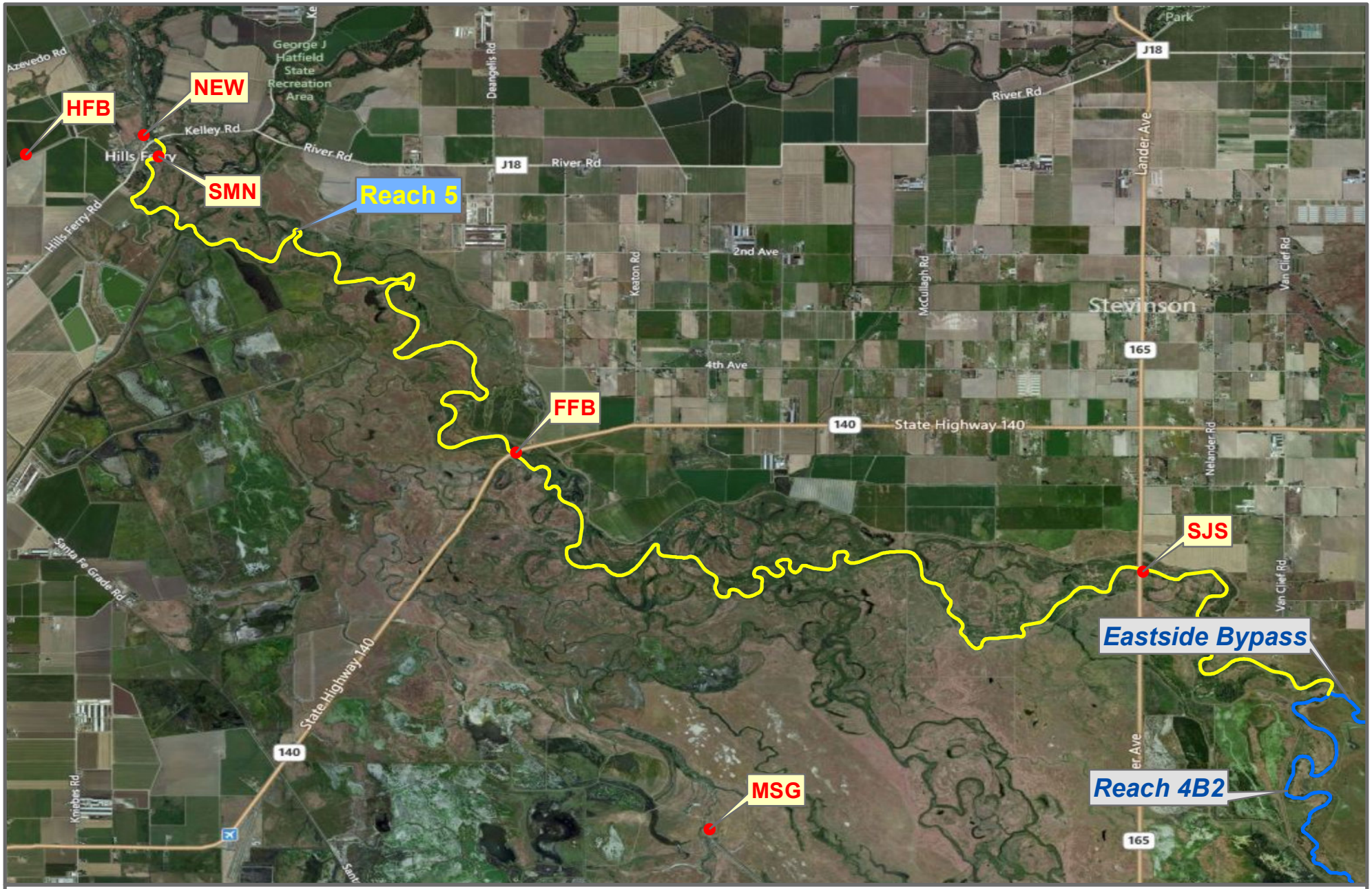
Flow

Monitoring Location
SSH

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_SSH.mxd



0 0.75 1.5 3 Miles

N

Reach 5
Flow Monitoring Locations

Preliminary Data

RECLAMATION
Managing Water in the West

SAN JOAQUIN RIVER RESTORATION PROGRAM

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R5.mxd

Last Updated: 6/11/2012

Reach = 5
River Mile = 125.1
X = -120.9300 Y = 37.3100
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 73.31
Site = San Joaquin R at Fremont Ford Bridge
Habitat =
Protocol Reference = ATR Appendix C
Organization = USGS

Merced County
Right Bank
Status = Existing

Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type = Measurement
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Bridge crossing, Shag Slough(w/Pump)

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Flow

Monitoring Location
FFB

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_FFB.mxd

Reach = 5
River Mile = 118.4
X = -120.9918 Y = 37.3476
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) =
Site = SJR above Merced River (Hills Ferry)
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR

Merced County
Left Bank
Status = Existing

Measurements:

1. Type = Measurement
   Interval =
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Newman Westway, Merced River, Bridge Crossing

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Flow

Monitoring Location
HFB

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_HFB.mxd

Reach = 5
River Mile = 128.5
X = -120.9056 Y = 37.2625
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 67.78
Site = Mud Slough
Habitat =
Protocol Reference = ATR Appendix C
Organization = USGS
Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Merced County
Left Bank
Status = Existing

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
San Luis Drain, Santa Fe Canal

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Flow

Monitoring Location
MSG

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_MSG.mxd

Reach = 5
River Mile = 118.4
X = -120.9770 Y = 37.3500
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 71.39
Site = Newman
Habitat =
Protocol Reference = ATR Appendix C
Organization = USGS / DWR

Merced County
Left Bank
Status = Existing

Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Newman Westway, Merced River, Bridge Crossing

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Flow

Monitoring Location NEW

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_NEW.mxd

Reach = 5
River Mile = 132.8
X = -120.8510 Y = 37.2950
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 79.67
Site = Stevinson
Habitat =
Protocol Reference = ATR Appendix C
Organization = DWR

Merced County
Left Bank
Status = Existing

Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Deep Slough, East Side Irrigation Canal

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Flow

Monitoring Location
SJS

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_SJS.mxd

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data

Reach = 5
River Mile = 118.4
X = -120.9751 Y = 37.3473
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 71.39
Site = San Joaquin River near Newman
Habitat =
Protocol Reference = ATR Appendix C
Organization = USGS
Measurements:

1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Merced County
Left Bank
Status = Existing

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Newman Westway, Merced River, Bridge Crossing

Notes:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Flow

Monitoring Location
SMN

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_SMN.mxd

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/11/2012
Preliminary Data