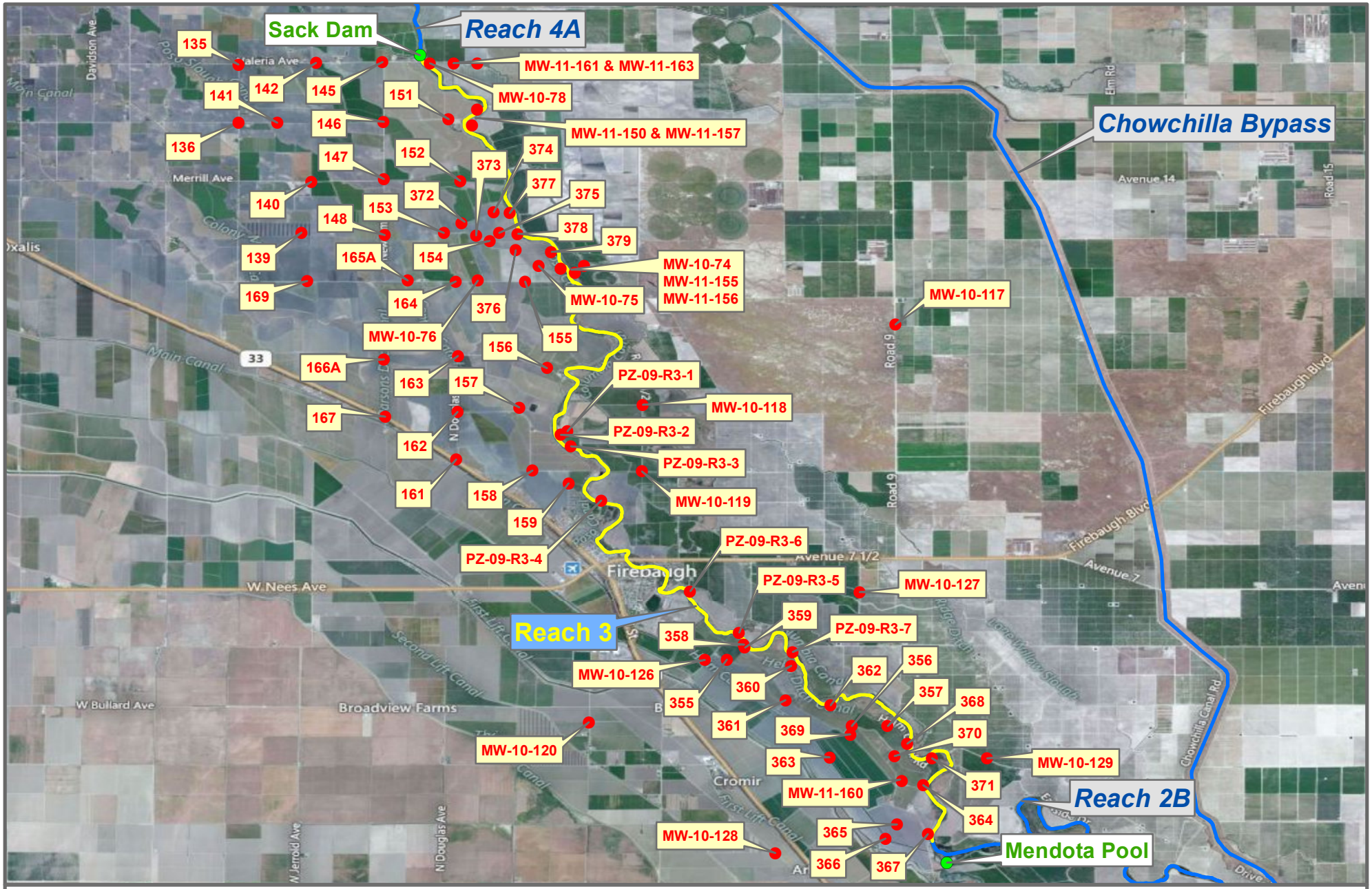


0 1 2 4 Miles

N

Reach 3
GW Monitoring Locations

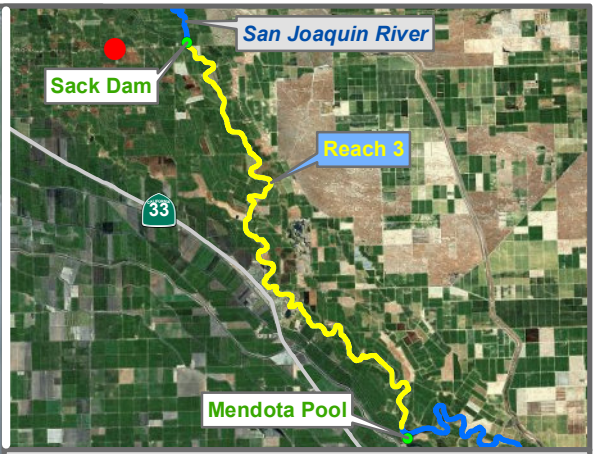
Preliminary Data

RECLAMATION
Managing Water in the West

SAN JOAQUIN RIVER RESTORATION PROGRAM

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

Last Updated: 5/29/2012



Reach = 3
River Mile = 182.1
X = -120.5454 Y = 36.9814
(Horizontal Datum is NAD83)
Distance From River (ft)= 12223
Reference Elevation (ft NAVD88) = 120.1
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/1/2009
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 8.4 -1 7.4
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Slough and Canal

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

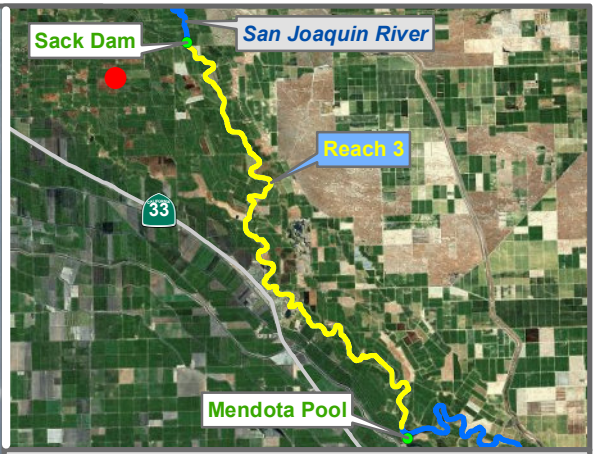
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_135.mxd

Monitoring Location
135



Reach = 3
River Mile = 183.8
X = -120.5454 Y = 36.9670
(Horizontal Datum is NAD83)
Distance From River (ft)= 14464
Reference Elevation (ft NAVD88) = 121.2
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 7.7 - 16.7
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Slough

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

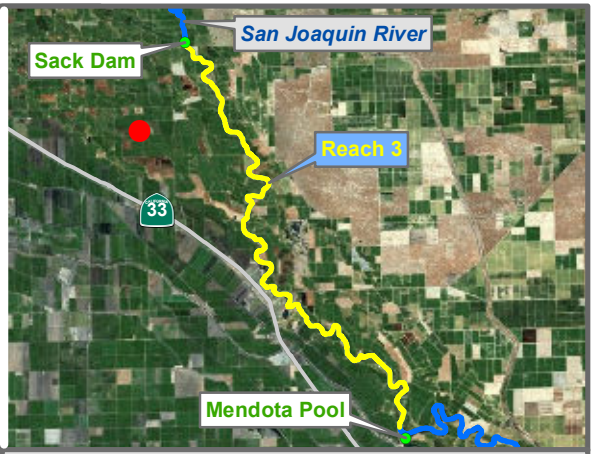
Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_136.mxd

Monitoring Location
136

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

Last Updated:
5/23/2012
Preliminary Data



Reach = 3 Fresno County
River Mile = 186 Left Bank
X = -120.5297 Y = 36.9396 Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 15137
Reference Elevation (ft NAVD88) = 125.6
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID
Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/1/2008
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 7.0 - 16.0
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Canal

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

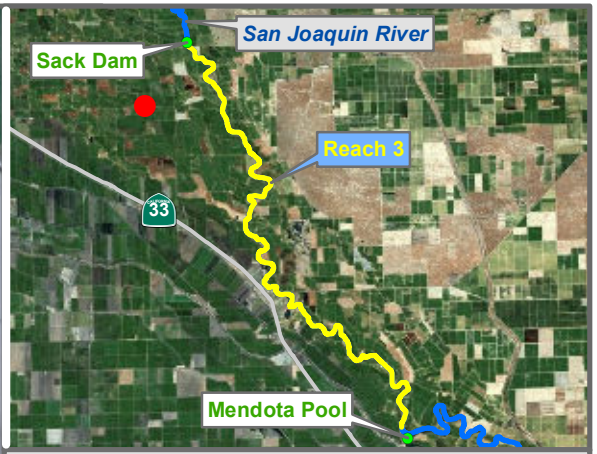
Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_139.mxd

Monitoring Location
139

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

Last Updated:
5/23/2012
Preliminary Data



Reach = 3 Fresno County
River Mile = 185 Left Bank
X = -120.5273 Y = 36.9523 Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 12186
Reference Elevation (ft NAVD88) = 124.1
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID
Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 8/1/2009
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 7.3 - 16.3
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

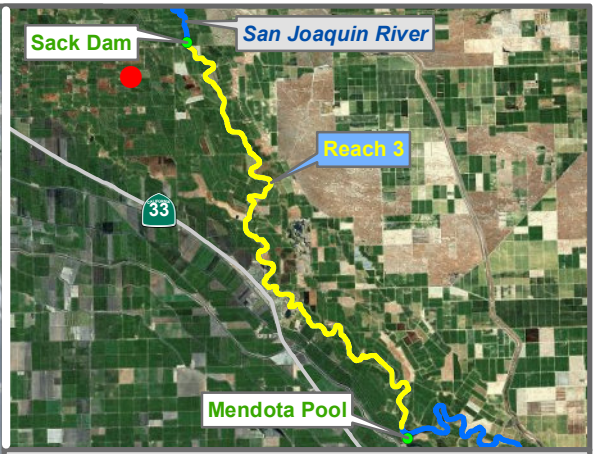
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_140.mxd

Monitoring Location
140



0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_141.mxd

Monitoring Location
141

Reach = 3
River Mile = 183.8
X = -120.5358 Y = 36.9669
(Horizontal Datum is NAD83)
Distance From River (ft)= 11912
Reference Elevation (ft NAVD88) = 120
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

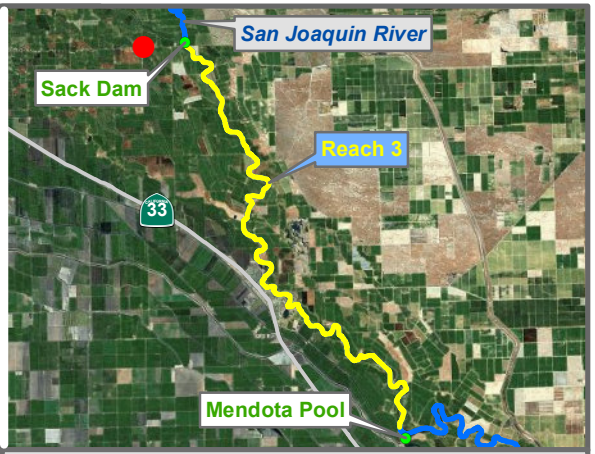
Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 8.3 - 17.3
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Poso Slough

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

Last Updated:
5/23/2012
Preliminary Data



Reach = 3
River Mile = 182.1
X = -120.5261 Y = 36.9818
(Horizontal Datum is NAD83)
Distance From River (ft)= 7602
Reference Elevation (ft NAVD88) = 121.8
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) = 0.44
Screen Depth (ft bgs) = 7.0 - 16.0
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Canal

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

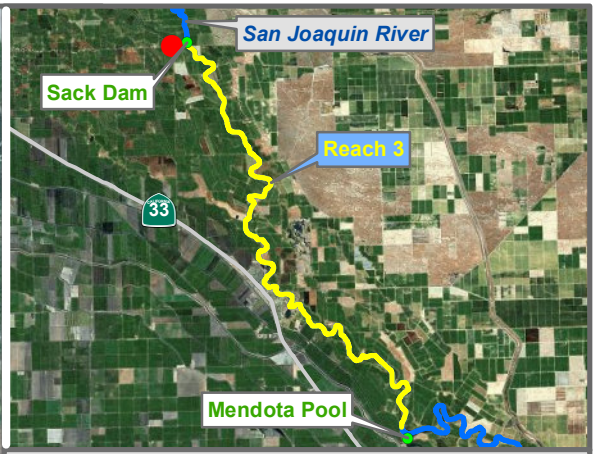
Groundwater

Monitoring Location
142

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_142.mxd



Reach = 3
River Mile = 182.1
X = -120.5096 Y = 36.9820
(Horizontal Datum is NAD83)
Distance From River (ft)= 2809
Reference Elevation (ft NAVD88) = 123.3
Site = CCID Well
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 3.1
Screen Depth (ft bgs) = 7.3 - 16.3
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 116.2

Influences:
Arroyo Canal, Central Canal

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

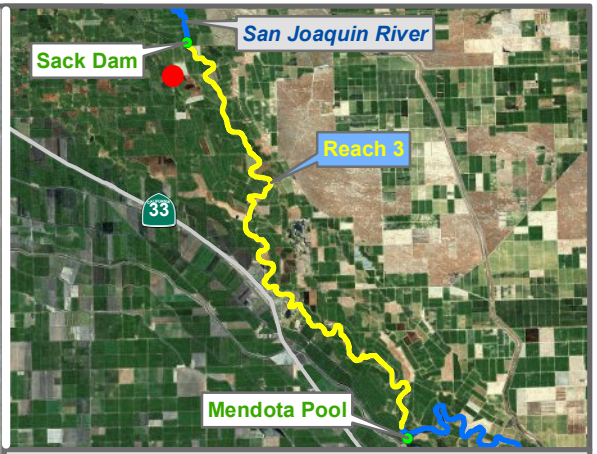
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_145.mxd

Monitoring Location
145



Reach = 3
River Mile = 183.8
X = -120.5093 Y = 36.9671
(Horizontal Datum is NAD83)
Distance From River (ft)= 5217
Reference Elevation (ft NAVD88) = 124.5
Site = CCID Well
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 5.2
Screen Depth (ft bgs) = 8.6-17.6
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 115.4

Influences:
Central Canal

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

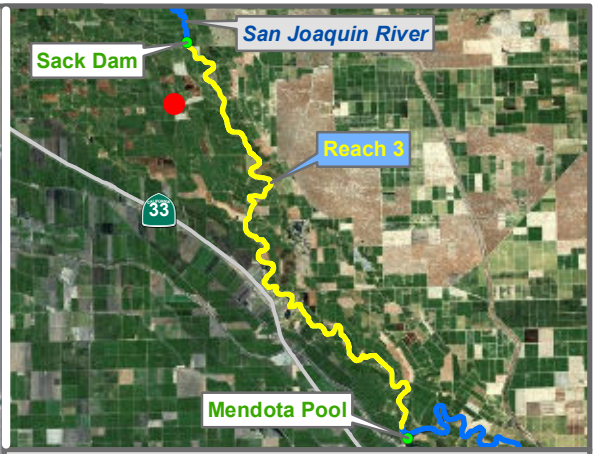
Groundwater

Monitoring Location
146

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_146.mxd



Reach = 3
River Mile = 185
X = -120.5092 Y = 36.9529
(Horizontal Datum is NAD83)
Distance From River (ft)= 7468
Reference Elevation (ft NAVD88) = 126.7
Site = CCID Well
Land Use = UNMAPPED
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = Needs More Info
GS Buffer (ft) =
Screen Depth (ft bgs) = 9.6 - 18.6
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Canal

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

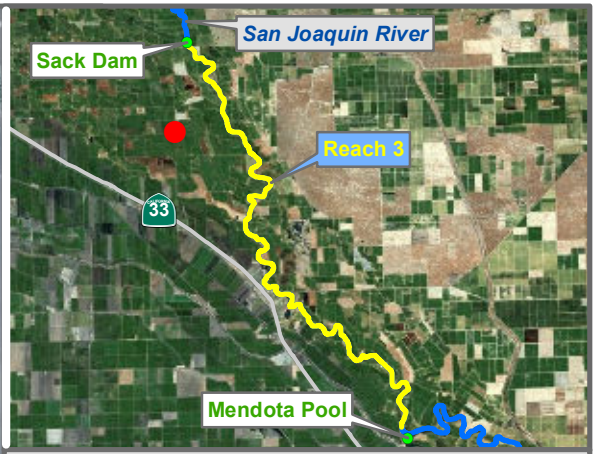
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_147.mxd

Monitoring Location
147



Reach = 3
River Mile = 186
X = -120.5090 Y = 36.9389
(Horizontal Datum is NAD83)
Distance From River (ft)= 9362
Reference Elevation (ft NAVD88) = 129.1
Site = CCID Well
Land Use = UNMAPPED
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/1/2009
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = Needs More Info
GS Buffer (ft) =
Screen Depth (ft bgs) = 6.9 - 15.9
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
-

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_148.mxd

Monitoring Location
148

Reach = 3 Fresno County
River Mile = 183.816599307 Left Bank
X = -120.4931 Y = 36.9677 Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 1160
Reference Elevation (ft NAVD88) = 127.9
Site = CCID Well
Land Use = Alfalfa
Protocol Reference = ATR App F Sec 2
Agency = CCID
Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/1/2008
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch ABS casing. CCID well, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 5.4
Screen Depth (ft bgs) = 7.5 - 16.5
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 120.9

Influences:
Poso Canal/Riverside Canal

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

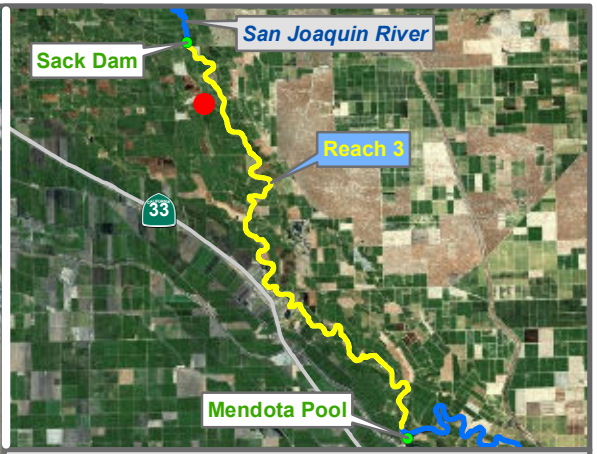
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_151.mxd

Monitoring Location
151



0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_152.mxd

Monitoring Location
152

Reach = 3
River Mile = 185
X = -120.4902 Y = 36.9524
(Horizontal Datum is NAD83)
Distance From River (ft)= 3319
Reference Elevation (ft NAVD88) = 130.8
Site = CCID Well
Land Use = UNMAPPED
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/1/2008
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

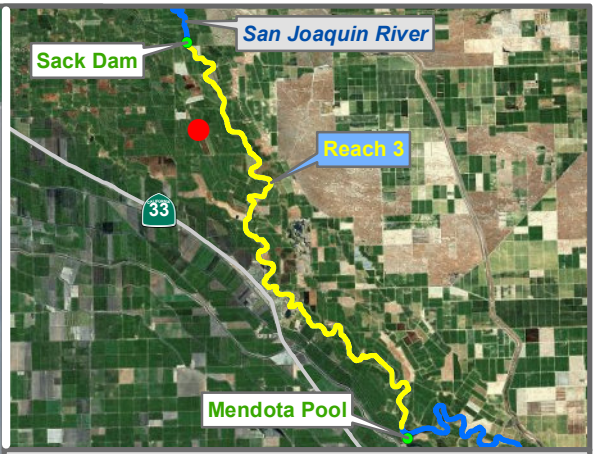
Description:
CCID well, no threshold

Root Depth (ft bgs) = Needs More Info
GS Buffer (ft) = 2.9
Screen Depth (ft bgs) = 4.4 - 13.4
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Poso Slough

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

Last Updated:
5/23/2012
Preliminary Data



Reach = 3 Fresno County
River Mile = 186 Left Bank
X = -120.4942 Y = 36.9395 Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Reference Elevation (ft NAVD88) = 131.4
Site = CCID Well
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = CCID
Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 9.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 4.7 - 13.7
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 9
Threshold Elevation (ft NAVD88) = 122.4

Influences:
Central Canal, Poso Slough

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

Last Updated:
5/29/2012
Preliminary Data

0 500 1,000 2,000 Feet

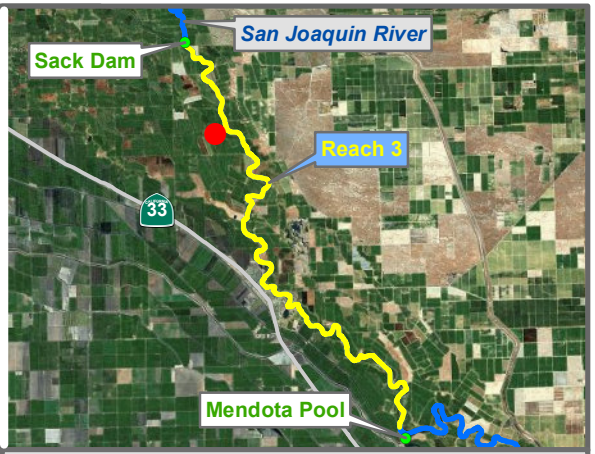
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_153.mxd

Monitoring Location
153



0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_154.mxd

Monitoring Location
154

Reach = 3
River Mile = 186.14
X = -120.4829 Y = 36.9375
(Horizontal Datum is NAD83)
Distance From River (ft)= 2311
Reference Elevation (ft NAVD88) = 130.4
Site = CCID Well
Land Use = UNMAPPED
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/2009 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

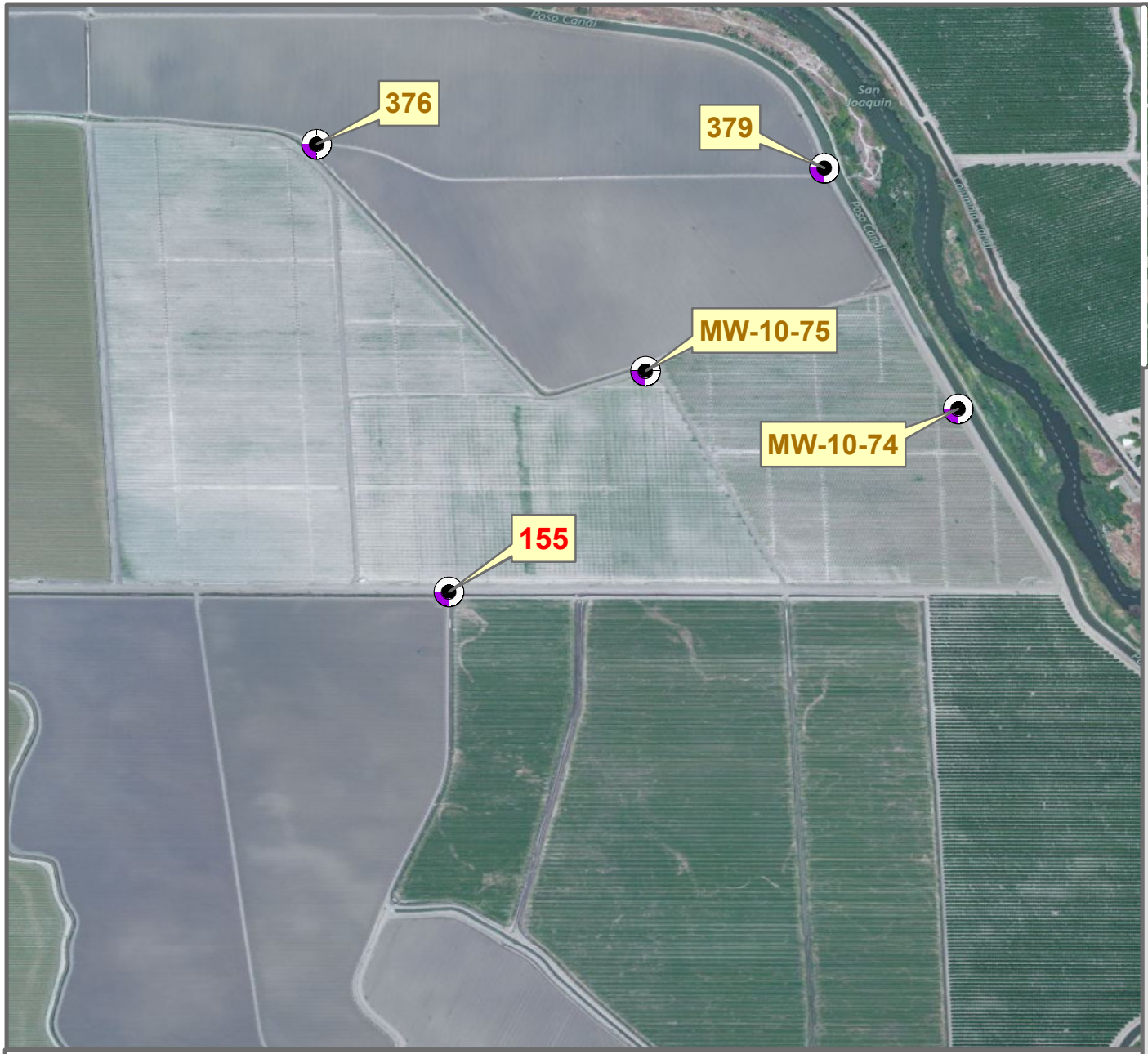
Description:
CCID well, no threshold

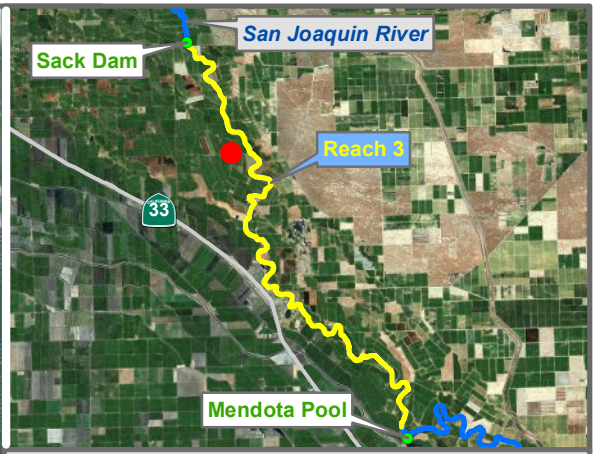
Root Depth (ft bgs) = Needs More Info
GS Buffer (ft) = 2.3
Screen Depth (ft bgs) = 8.6 - 17.6
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Poso Slough, Canal

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

Last Updated:
5/23/2012
Preliminary Data





Reach = 3
River Mile = 187.1
X = -120.4741 Y = 36.9274
(Horizontal Datum is NAD83)
Distance From River (ft)= 3097
Reference Elevation (ft NAVD88) = 132.9
Site = CCID Well
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 11/1/1982 - 10/19/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch ABS casing

Root Depth (ft bgs) = 9.0
GS Buffer (ft) = 3.3
Screen Depth (ft bgs) = 7.1 - 16.1
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 6.7
Threshold Elevation (ft NAVD88) = 125.2

Influences:
Poso Slough, Canal

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

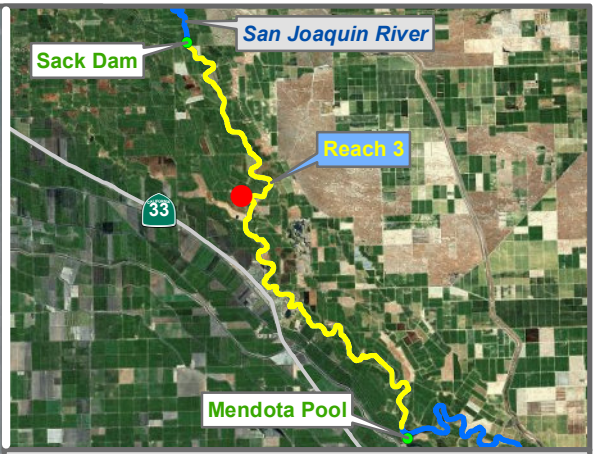
Groundwater

Monitoring Location
155

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_155.mxd



0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_156.mxd

Monitoring Location
156

Reach = 3
River Mile = 190.3
X = -120.4686 Y = 36.9059
(Horizontal Datum is NAD83)
Distance From River (ft)= 1380
Reference Elevation (ft NAVD88) = 135.7
Site = CCID Well
Land Use = Alfalfa
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/1/2008
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 6.0
Screen Depth (ft bgs) = 7.0 - 16.0
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 125.7

Influences:
Poso Canal

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

Last Updated:
5/23/2012
Preliminary Data

Reach = 3
River Mile = 191
X = -120.4756 Y = 36.8960
(Horizontal Datum is NAD83)
Distance From River (ft)= 2779
Reference Elevation (ft NAVD88) = 137.8
Site = CCID Well
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/1/2008
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 9.0
GS Buffer (ft) = 1.3
Screen Depth (ft bgs) = 5.3 - 14.3
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 9
Threshold Elevation (ft NAVD88) = 127.5

Influences:
Central Canal, Well

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

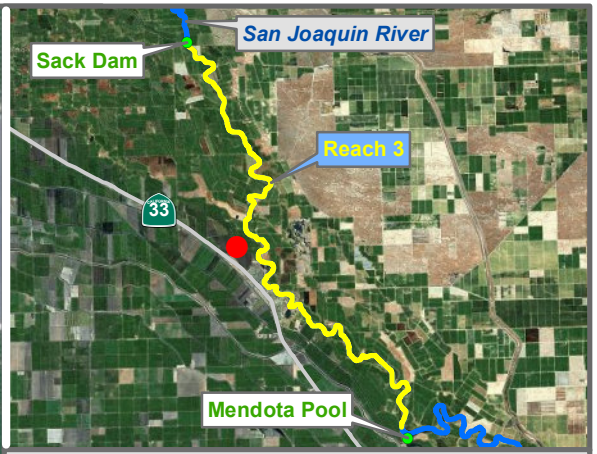
Groundwater

Monitoring Location
157

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_157.mxd



Reach = 3
River Mile = 192.1
X = -120.4722 Y = 36.8804
(Horizontal Datum is NAD83)
Distance From River (ft)= 3212
Reference Elevation (ft NAVD88) = 139.4
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) = 4.0
Screen Depth (ft bgs) = 7.1 - 16.1
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
-

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

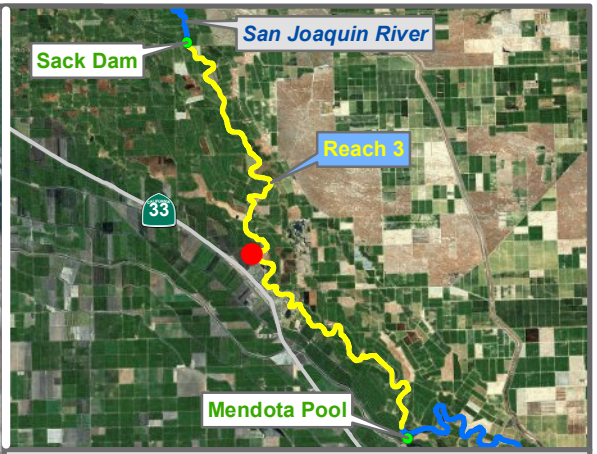
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_158.mxd

Monitoring Location
158



Reach = 3
River Mile = 193
X = -120.4633 Y = 36.8771
(Horizontal Datum is NAD83)
Distance From River (ft)= 1217
Reference Elevation (ft NAVD88) = 140.5
Site = CCID Well
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 2.3
Screen Depth (ft bgs) = 9.0 - 18.0
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 134.2

Influences:
Canal

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

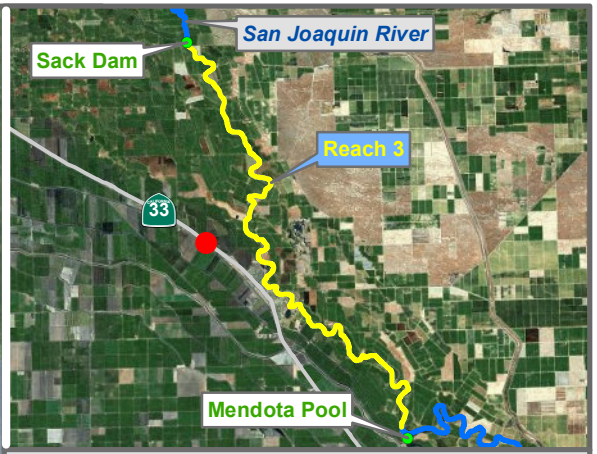
Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_159.mxd

Monitoring Location
159

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

Last Updated:
5/23/2012
Preliminary Data



Reach = 3
River Mile = 192.1
X = -120.4912 Y = 36.8831
(Horizontal Datum is NAD83)
Distance From River (ft)= 7550
Reference Elevation (ft NAVD88) = 142.8
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/1/2009
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 6.6 - 15.6
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Helm Canal, Silaxo Drain, Main Canal, Southern Pacific

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

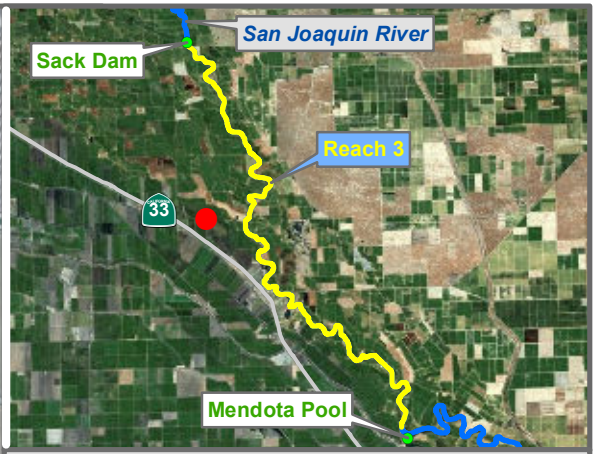
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_161.mxd

Monitoring Location
161



Reach = 3 Fresno County
River Mile = 191 Left Bank
X = -120.4909 Y = 36.8950 Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 7110
Reference Elevation (ft NAVD88) = 134.3
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID
Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/2009 - 11/1/2009
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 8.4 - 17.4
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Silaxo Drain

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

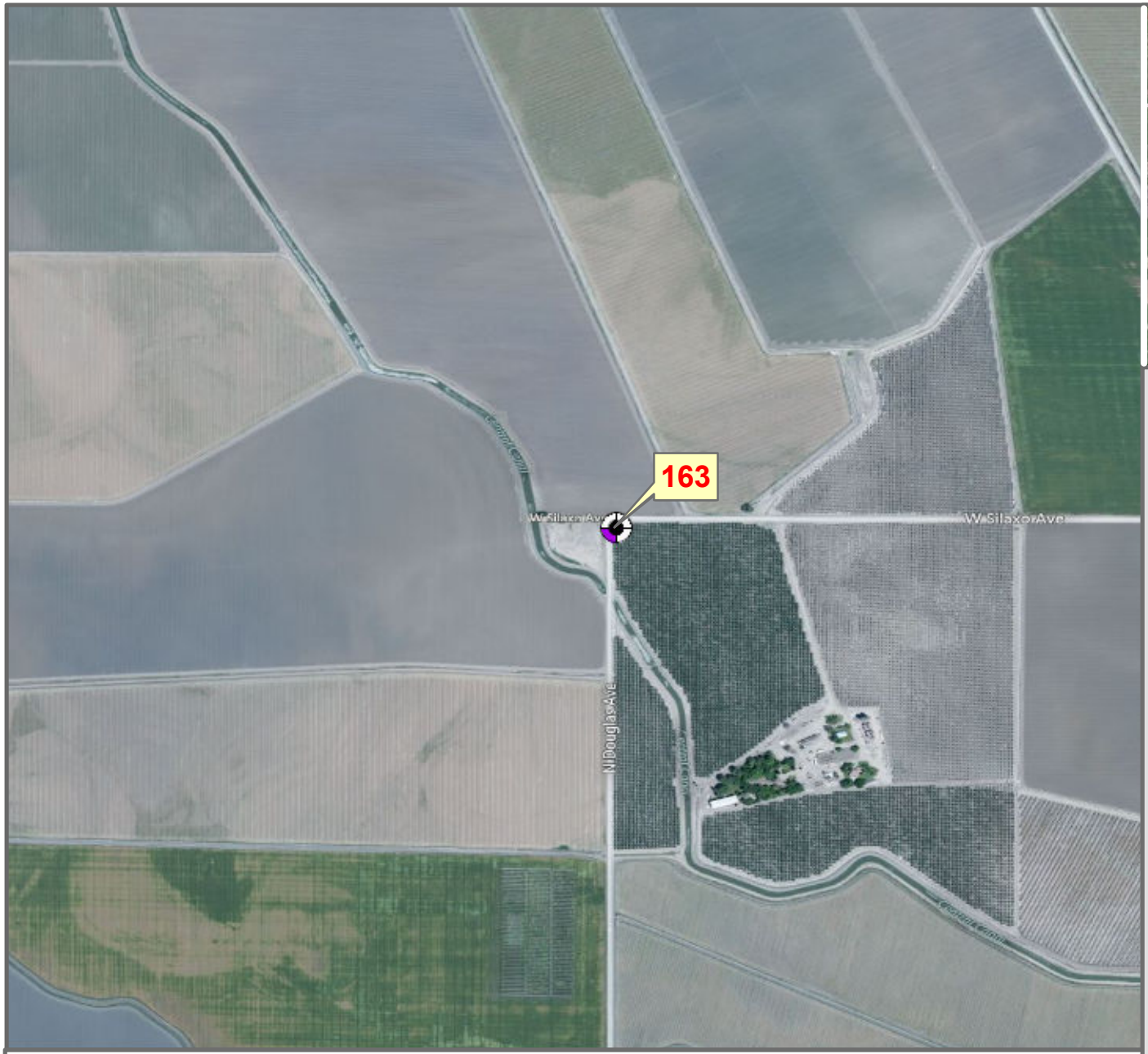
Groundwater

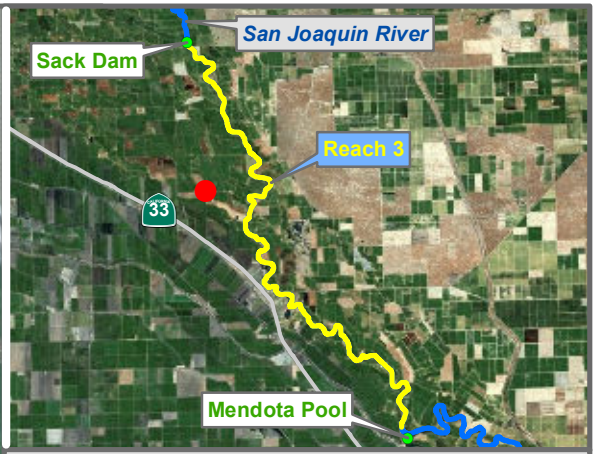
Monitoring Location
162

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_162.mxd





0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_163.mxd

Monitoring Location
163

Reach = 3
River Mile = 189.4
X = -120.4908 Y = 36.9089
(Horizontal Datum is NAD83)
Distance From River (ft)= 7957
Reference Elevation (ft NAVD88) = 132.5
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 8/1/2009
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

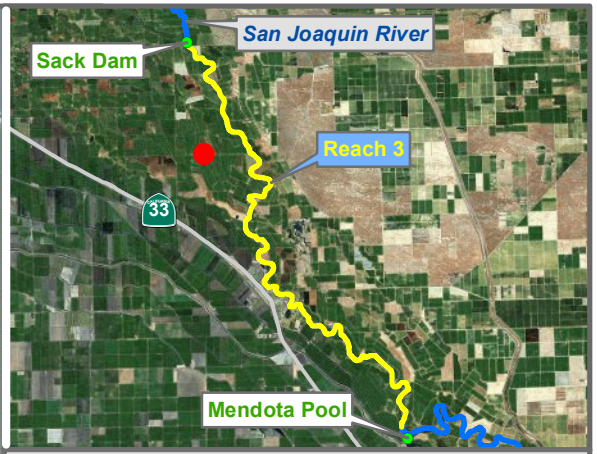
Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 7.8 - 16.8
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Central Canal, Drain

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

Last Updated:
5/23/2012
Preliminary Data



Reach = 3
River Mile = 187.1
X = -120.4914 Y = 36.9275
(Horizontal Datum is NAD83)
Distance From River (ft)= 6395
Reference Elevation (ft NAVD88) = 129.9
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) = 5.0
Screen Depth (ft bgs) = 8.4 - 17.4
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Poso Drain, Central Canal

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

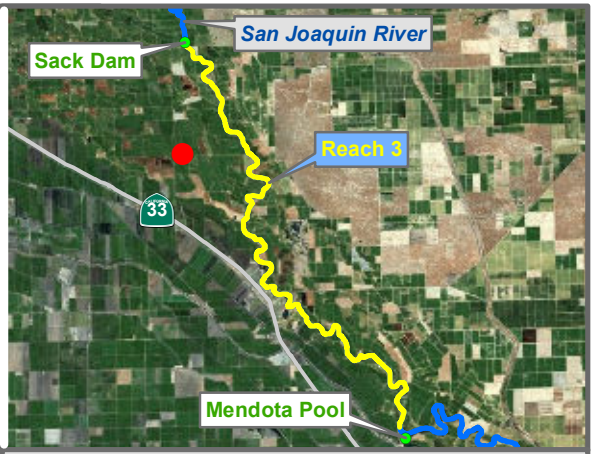
Groundwater

Monitoring Location
164

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_164.mxd



Reach = 3
River Mile = 187.1
X = -120.5033 Y = 36.9276
(Horizontal Datum is NAD83)
Distance From River (ft)= 9229
Reference Elevation (ft NAVD88) = 127.4
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 6.8-15.8
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Central Canal

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

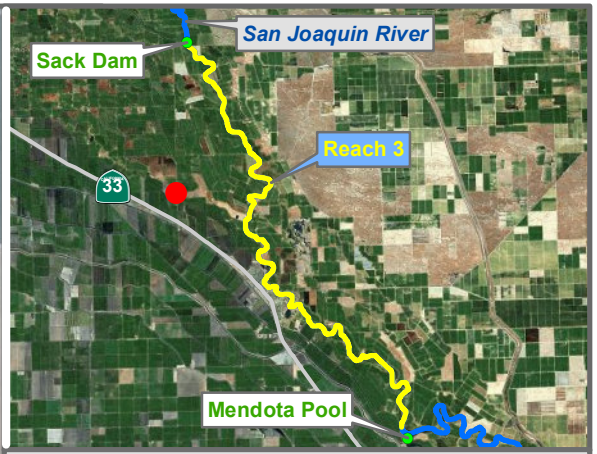
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_165A.mxd

Monitoring Location
165A



Reach = 3
River Mile = 189.4
X = -120.5092 Y = 36.9080
(Horizontal Datum is NAD83)
Distance From River (ft)= 13263
Reference Elevation (ft NAVD88) = 132.5
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 6.8-15.8
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Drain

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_166A.mxd

Monitoring Location
166A

Reach = 3
River Mile = 191
X = -120.5088 Y = 36.8938
(Horizontal Datum is NAD83)
Distance From River (ft)= 12314
Reference Elevation (ft NAVD88) = 140.8
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 6.9-15.9
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Main Canal, Southern Pacific

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

Monitoring Location
167

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

Last Updated:
5/24/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_167.mxd

Reach = 3
River Mile = 187.1
X = -120.5283 Y = 36.9276
(Horizontal Datum is NAD83)
Distance From River (ft)= 16052
Reference Elevation (ft NAVD88) = 127.7
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/1983 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 8.8-17.8
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
-

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

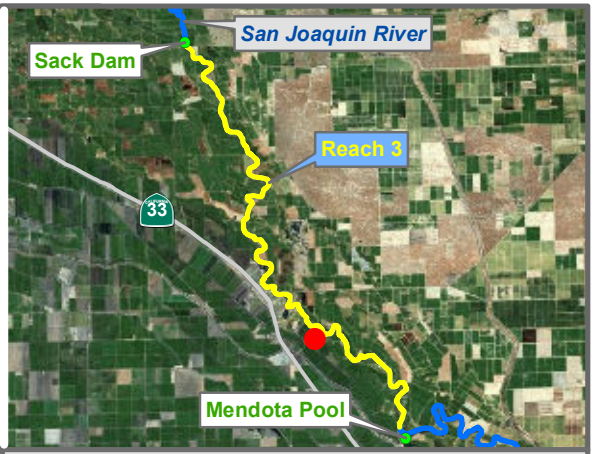
Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_169.mxd

Monitoring Location
169

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

Last Updated:
5/23/2012
Preliminary Data



Reach = 3
River Mile = 198
X = -120.4239 Y = 36.8333
(Horizontal Datum is NAD83)
Distance From River (ft)= 1910
Reference Elevation (ft NAVD88) = 145.3
Site = CCID Well
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 7/1/2009 - 9/14/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 9.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 7.7-16.7
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 9
Threshold Elevation (ft NAVD88) = 136.3

Influences:
Canal, Helm Canal

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

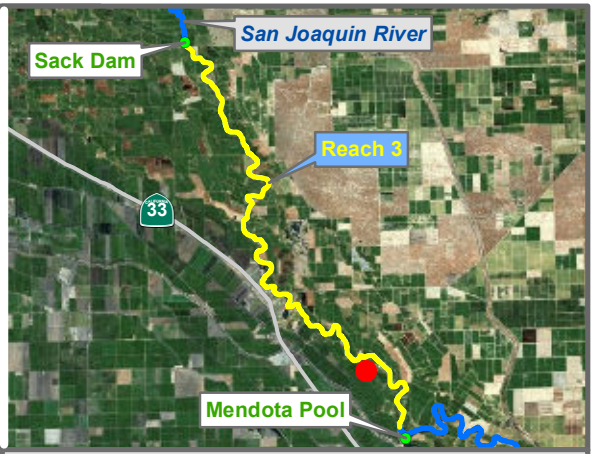
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_355.mxd

Monitoring Location
355



Reach = 3
River Mile = 201.3
X = -120.3928 Y = 36.8167
(Horizontal Datum is NAD83)
Distance From River (ft)= 2475
Reference Elevation (ft NAVD88) = 146.9
Site = CCID Well
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 7/1/2009 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 9.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 7.1-16.1
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 9
Threshold Elevation (ft NAVD88) = 137.9

Influences:
Helm Drain

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

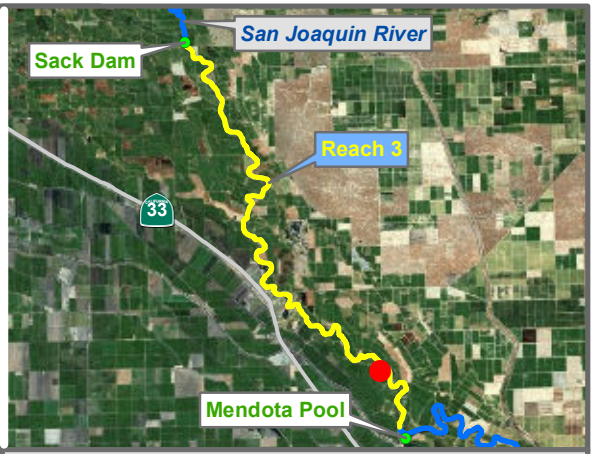
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_356.mxd

Monitoring Location
356



Reach = 3
River Mile = 201.7
X = -120.3839 Y = 36.8168
(Horizontal Datum is NAD83)
Distance From River (ft)= 1042
Reference Elevation (ft NAVD88) = 151.1
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 7/1/2009 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 8.0-17.0
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Canal, Well

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

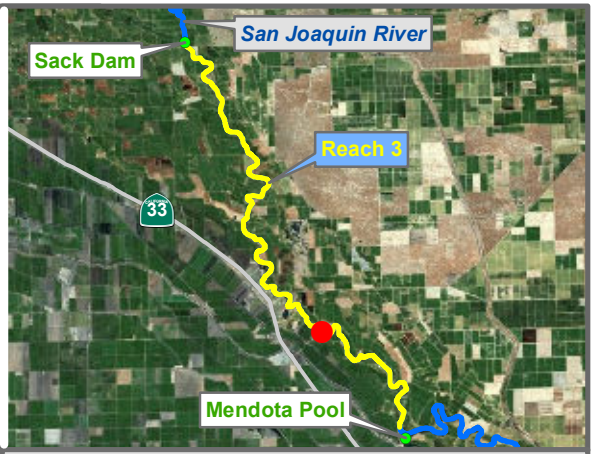
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_357.mxd

Monitoring Location
357



Reach = 3
River Mile = 198
X = -120.4197 Y = 36.8371
(Horizontal Datum is NAD83)
Distance From River (ft)= 127
Reference Elevation (ft NAVD88) = 148.3
Site = CCID Well
Land Use = Alfalfa
Protocol Reference = ATR App F Sec 2
Agency = CCID
Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 7/1/2009 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Fresno County
Left Bank
Status = Existing

Description:
CCID well, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 5.7-14.7
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 144.3

Influences:
Helm Canal, SJR

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

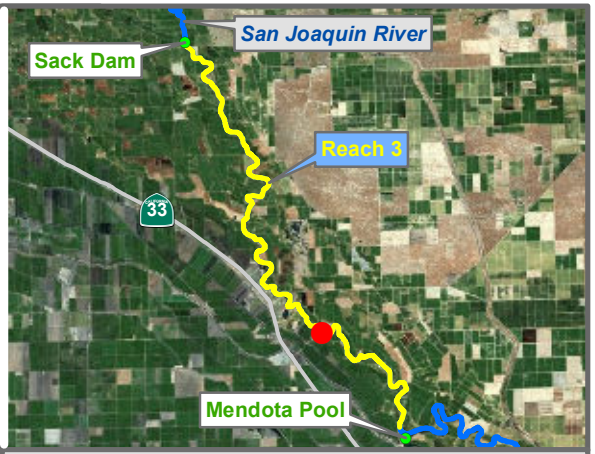
Groundwater

Monitoring Location
358

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_358.mxd



Reach = 3
River Mile = 198
X = -120.4194 Y = 36.8362
(Horizontal Datum is NAD83)
Distance From River (ft)= 223
Reference Elevation (ft NAVD88) = 148
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 7/1/2009 - 9/14/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 6.9-15.9
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Helm Canal, SJR

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

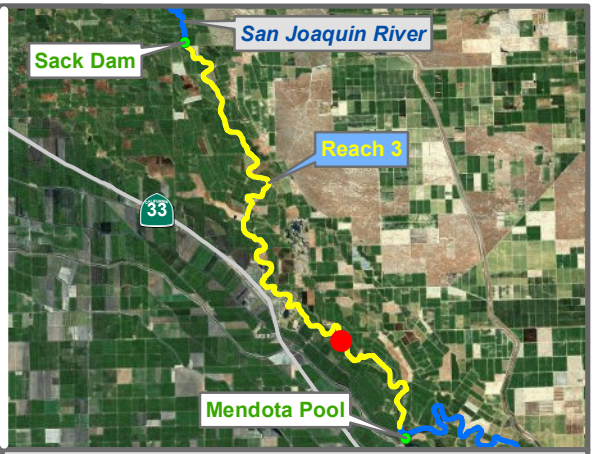
Groundwater

Monitoring Location
359

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_359.mxd



Reach = 3
River Mile = 199.3
X = -120.4079 Y = 36.8318
(Horizontal Datum is NAD83)
Distance From River (ft)= 598
Reference Elevation (ft NAVD88) = 151.1
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 7/1/2009 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 4.8-13.8
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Helm Canal, SJR

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

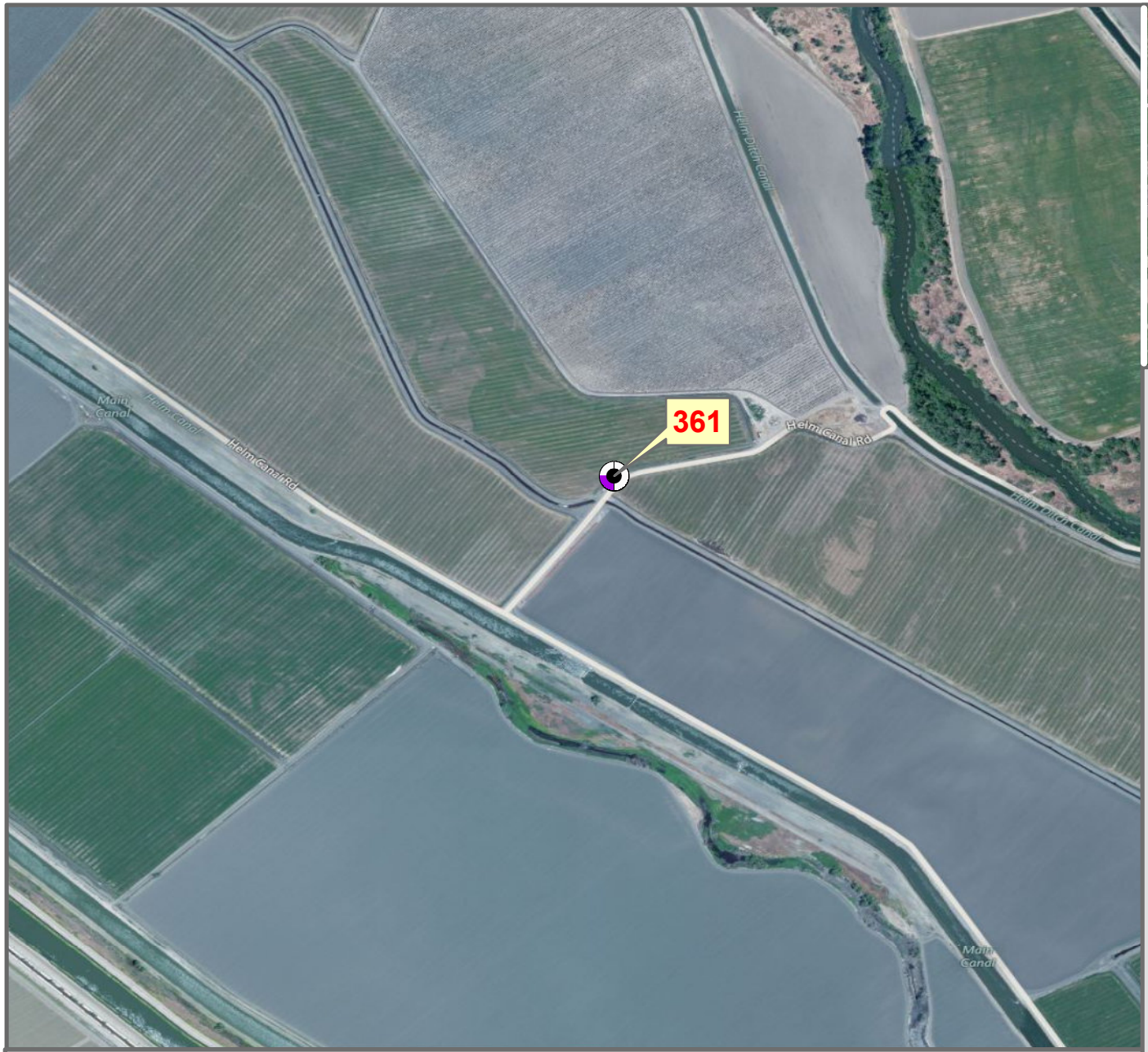
Groundwater

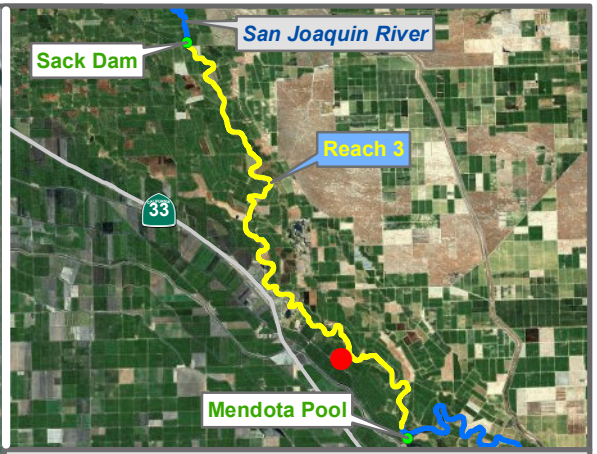
V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_360.mxd

Monitoring Location
360

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

Last Updated:
5/23/2012
Preliminary Data





0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_361.mxd

Monitoring Location
361

Reach = 3
River Mile = 199.9
X = -120.4093 Y = 36.8232
(Horizontal Datum is NAD83)
Distance From River (ft)= 1762
Reference Elevation (ft NAVD88) = 147.4
Site = CCID Well
Land Use = Alfalfa
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 11/17/2009 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

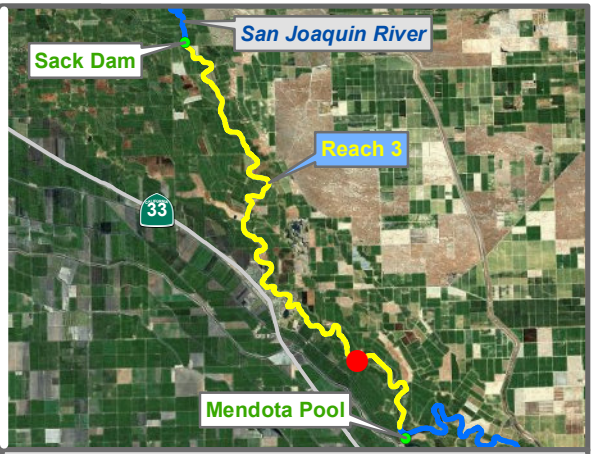
Description:
CCID well, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 5.9-14.9
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 143.4

Influences:
Helm Canal, SJR

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

Last Updated:
5/23/2012
Preliminary Data



0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_362.mxd

Monitoring Location
362

Reach = 3
River Mile = 200.2
X = -120.3981 Y = 36.8219
(Horizontal Datum is NAD83)
Distance From River (ft)= 162
Reference Elevation (ft NAVD88) = 148.3
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 7/1/2009 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 7.6-16.6
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Helm Canal, SJR

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

Last Updated:
5/23/2012
Preliminary Data

Reach = 3
River Mile = 202.2
X = -120.3984 Y = 36.8090
(Horizontal Datum is NAD83)
Distance From River (ft)= 4829
Reference Elevation (ft NAVD88) = 151.3
Site = CCID Well
Land Use = Alfalfa
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 7/1/2009 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 4.8-13.8
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 147.3

Influences:
Main Canal, Outside Canal, Delta Mendota Canal

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

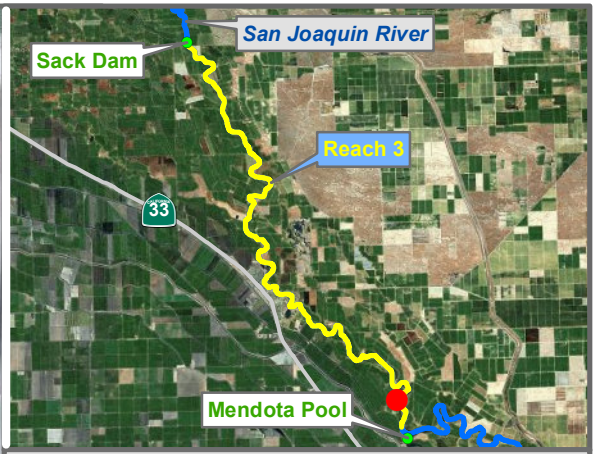
Groundwater

Monitoring Location
363

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_363.mxd



Reach = 3
River Mile = 203.5
X = -120.3751 Y = 36.8021
(Horizontal Datum is NAD83)
Distance From River (ft)= 265
Reference Elevation (ft NAVD88) = 154.5
Site = CCID Well
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 7/1/2009 - 9/14/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 9.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 4.4-13.4
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 9
Threshold Elevation (ft NAVD88) = 145.5

Influences:
Helm Canal, SJR

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

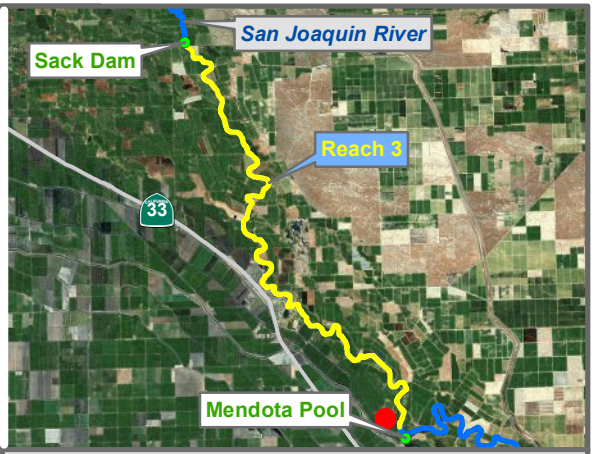
Groundwater

Monitoring Location
364

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_364.mxd



Reach = 3
River Mile = 204.4
X = -120.3816 Y = 36.7924
(Horizontal Datum is NAD83)
Distance From River (ft)= 2704
Reference Elevation (ft NAVD88) = 152.1
Site = CCID Well
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 7/1/2009 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 5.6-14.6
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 148.1

Influences:
Main Canal, Well

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_365.mxd

Monitoring Location
365

Reach = 3
River Mile = 204.5
X = -120.3844 Y = 36.7888
(Horizontal Datum is NAD83)
Distance From River (ft)= 3343
Reference Elevation (ft NAVD88) = 152.5
Site = CCID Well
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 10/12/2009 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 6.8-15.8
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 148.5

Influences:
Main Canal, Well, Outside Canal, Delta Mendota Canal

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

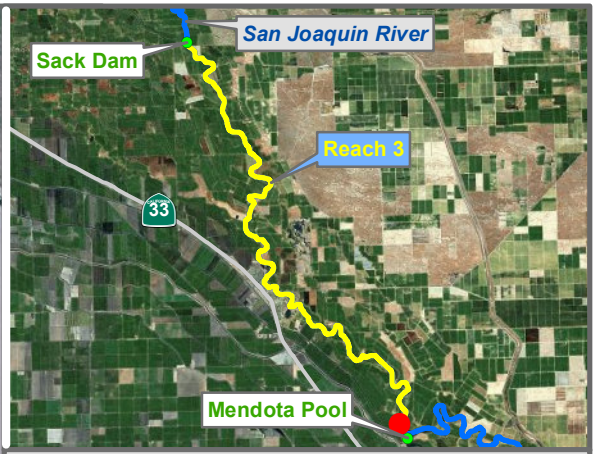
Groundwater

Monitoring Location
366

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_366.mxd



Reach = 3
River Mile = 204.5
X = -120.3739 Y = 36.7899
(Horizontal Datum is NAD83)
Distance From River (ft)= 299
Reference Elevation (ft NAVD88) = 157
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 7/1/2009 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 2.9-11.9
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Helm Canal, SJR

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

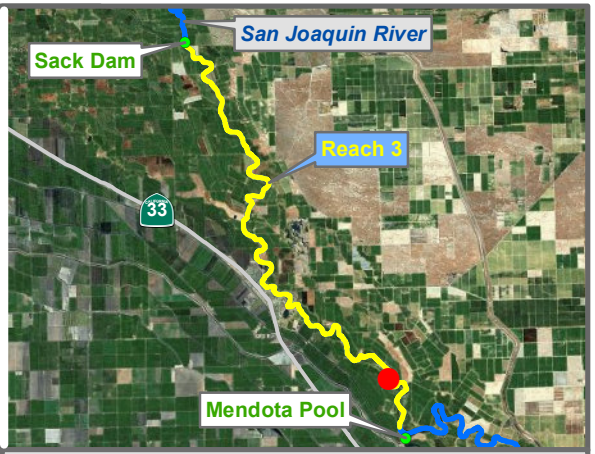
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_367.mxd

Monitoring Location
367



Reach = 3
River Mile = 202
X = -120.3790 Y = 36.8124
(Horizontal Datum is NAD83)
Distance From River (ft)= 257
Reference Elevation (ft NAVD88) = 153.9
Site = CCID Well
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = CCID
Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/2010 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Fresno County
Left Bank
Status = Existing

Description:
CCID well, no threshold

Root Depth (ft bgs) = 9.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 5.0-14.0
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 9
Threshold Elevation (ft NAVD88) = 144.9

Influences:
Helm Canal, Well

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

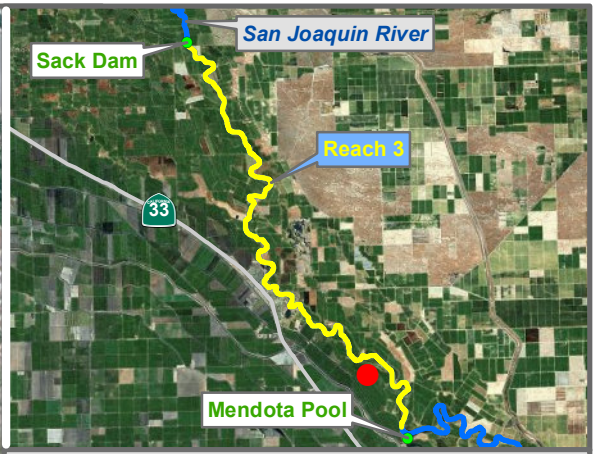
Groundwater

Monitoring Location
368

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_368.mxd



Reach = 3
River Mile = 201.9
X = -120.3932 Y = 36.8147
(Horizontal Datum is NAD83)
Distance From River (ft)= 3129
Reference Elevation (ft NAVD88) = 146.7
Site = CCID Well
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = CCID
Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/2010 - 9/14/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Fresno County
Left Bank
Status = Existing

Description:
CCID well, no threshold

Root Depth (ft bgs) = 9.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 8.4-17.4
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 9
Threshold Elevation (ft NAVD88) = 137.7

Influences:
Helm Drain

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

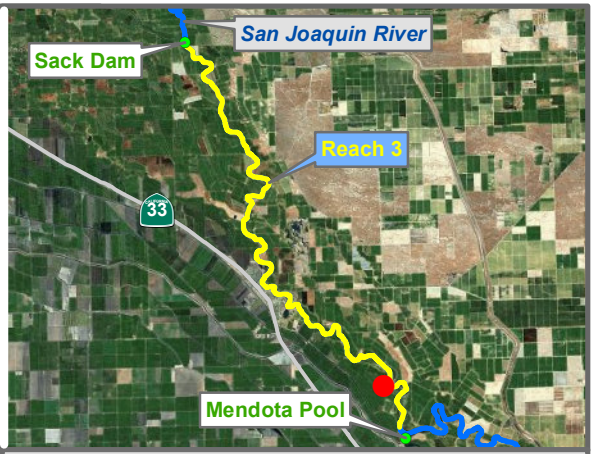
Groundwater

Monitoring Location
369

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_369.mxd



Reach = 3
River Mile = 202.2
X = -120.3822 Y = 36.8093
(Horizontal Datum is NAD83)
Distance From River (ft)= 1268
Reference Elevation (ft NAVD88) = 150.5
Site = CCID Well
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/2010 - 9/14/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 9.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 7.1-16.1
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 9
Threshold Elevation (ft NAVD88) = 141.5

Influences:
Helm Canal/Drain

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_370.mxd

Monitoring Location
370

Reach = 3
River Mile = 202.6
X = -120.3729 Y = 36.8088
(Horizontal Datum is NAD83)
Distance From River (ft)= 290
Reference Elevation (ft NAVD88) = 150.5
Site = CCID Well
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 3/1/2010 - 9/14/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 9.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 7.7-16.7
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 9
Threshold Elevation (ft NAVD88) = 141.5

Influences:
Helm Canal, SJR

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

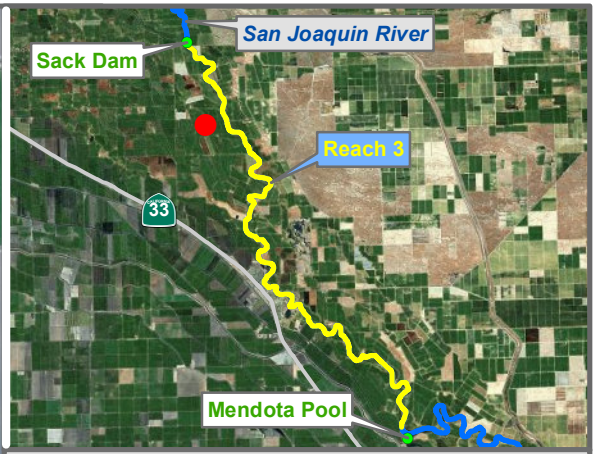
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_371.mxd

Monitoring Location
371



Reach = 3 Fresno County
River Mile = 185.9 Left Bank
X = -120.4899 Y = 36.9419 Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 3839
Reference Elevation (ft NAVD88) = 127.5
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID
Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 6.8-15.8
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Poso Slough

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

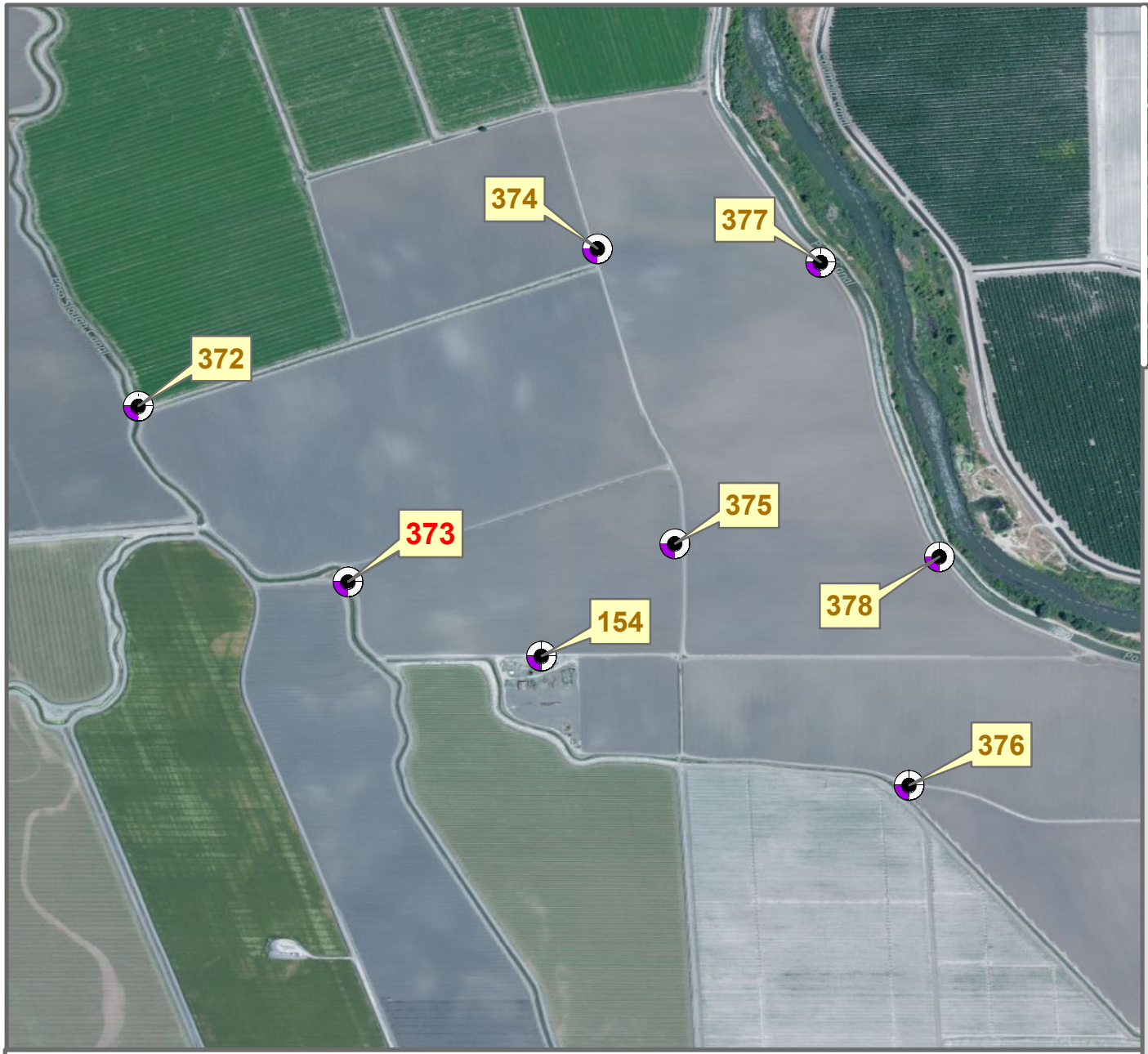
Groundwater

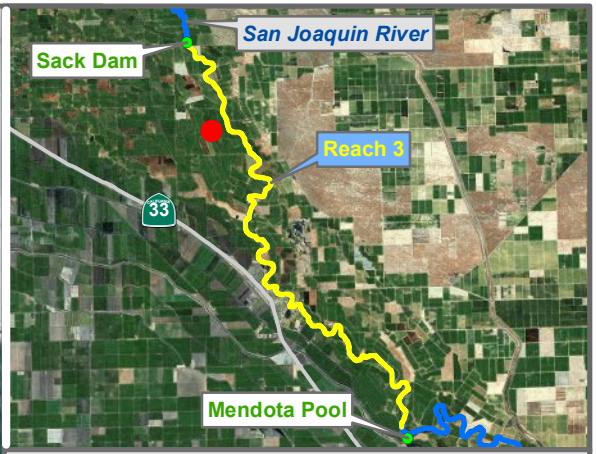
Monitoring Location
372

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

Last Updated:
5/24/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_372.mxd





Reach = 3
River Mile = 186.1
X = -120.4863 Y = 36.9388
(Horizontal Datum is NAD83)
Distance From River (ft)= 3123
Reference Elevation (ft NAVD88) = 129.6
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 6.5-15.5
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Poso Slough

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

Last Updated:
5/24/2012
Preliminary Data

0 500 1,000 2,000 Feet

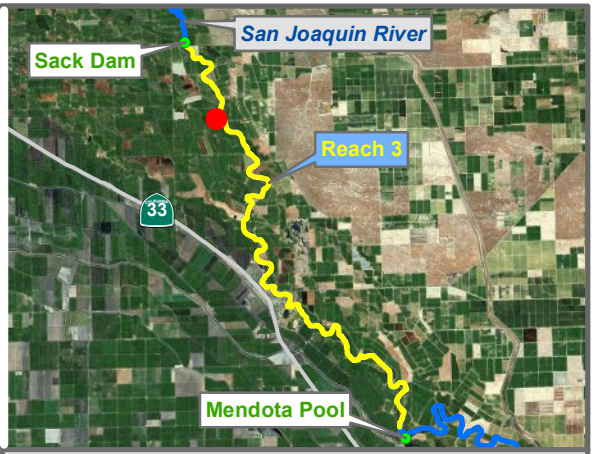
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_373.mxd

Monitoring Location
373



0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_374.mxd

Monitoring Location
374

Reach = 3
River Mile = 185.7
X = -120.4819 Y = 36.9446
(Horizontal Datum is NAD83)
Distance From River (ft)= 1303
Reference Elevation (ft NAVD88) = 128.5
Site = CCID Well
Land Use = Corn
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

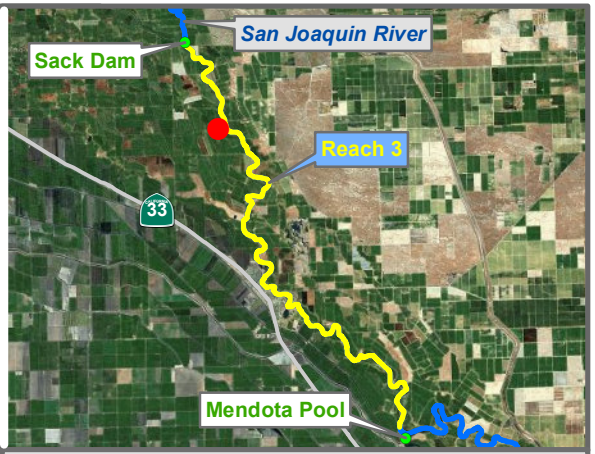
Description:
CCID well, no threshold

Root Depth (ft bgs) = 3.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 8.4-17.4
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 3
Threshold Elevation (ft NAVD88) = 125.5

Influences:
-

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

Last Updated:
5/24/2012
Preliminary Data



Reach = 3
River Mile = 186.1
X = -120.4805 Y = 36.9395
(Horizontal Datum is NAD83)
Distance From River (ft)= 1443
Reference Elevation (ft NAVD88) = 130.4
Site = CCID Well
Land Use = UNMAPPED
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = Needs More Info
GS Buffer (ft) =
Screen Depth (ft bgs) = 7.5-16.5
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
-

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

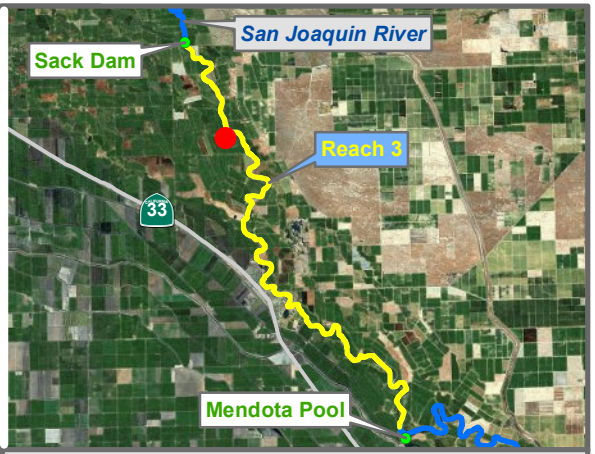
Groundwater

Monitoring Location
375

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

Last Updated:
5/24/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_375.mxd



Reach = 3
River Mile = 186.4
X = -120.4765 Y = 36.9352
(Horizontal Datum is NAD83)
Distance From River (ft)= 1432
Reference Elevation (ft NAVD88) = 131.2
Site = CCID Well
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = CCID
Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Fresno County
Left Bank
Status = Existing

Description:
CCID well, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 6.8-15.8
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 127.2

Influences:
-

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

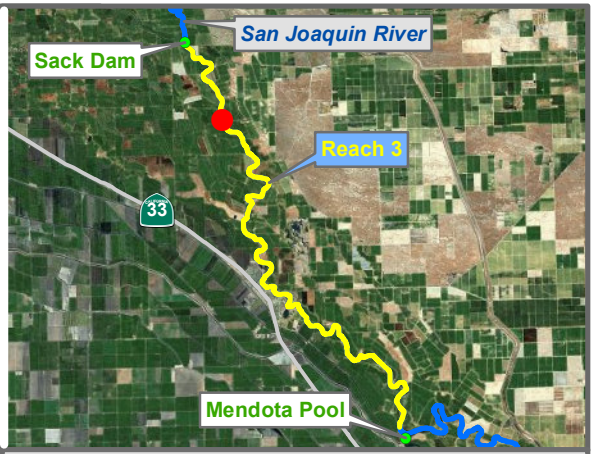
Groundwater

Monitoring Location
376

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

Last Updated:
5/24/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_376.mxd



Reach = 3
River Mile = 185.7
X = -120.4780 Y = 36.9444
(Horizontal Datum is NAD83)
Distance From River (ft)= 325
Reference Elevation (ft NAVD88) = 132.3
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 4.4-13.5
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Riverside Canal, SJR

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

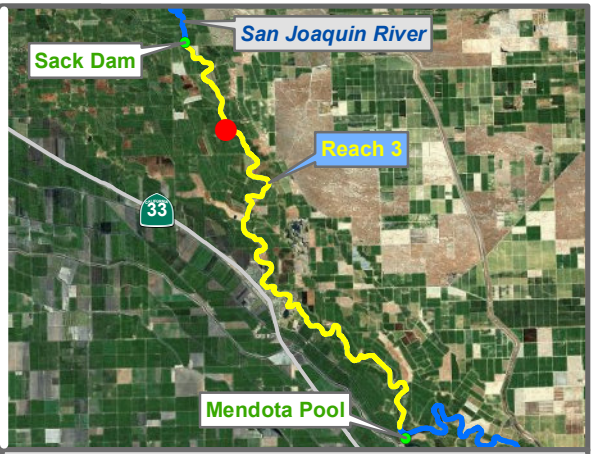
Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_377.mxd

Monitoring Location
377

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

Last Updated:
5/24/2012
Preliminary Data



Reach = 3
River Mile = 186.1
X = -120.4759 Y = 36.9392
(Horizontal Datum is NAD83)
Distance From River (ft)= 188
Reference Elevation (ft NAVD88) = 133.7
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 5.3-14.3
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Riverside Canal, SJR

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

Last Updated:
5/24/2012
Preliminary Data

0 500 1,000 2,000 Feet

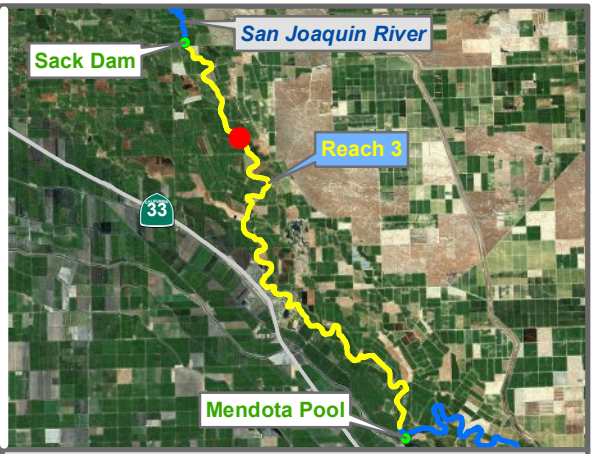
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_378.mxd

Monitoring Location
378



Reach = 3
River Mile = 186.7
X = -120.4676 Y = 36.9348
(Horizontal Datum is NAD83)
Distance From River (ft)= 420
Reference Elevation (ft NAVD88) = 135.5
Site = CCID Well
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = CCID
Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Fresno County
Left Bank
Status = Existing

Description:
CCID well, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) =
Screen Depth (ft bgs) = 6.1-15.1
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 131.5

Influences:
Riverside Canal, SJR

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

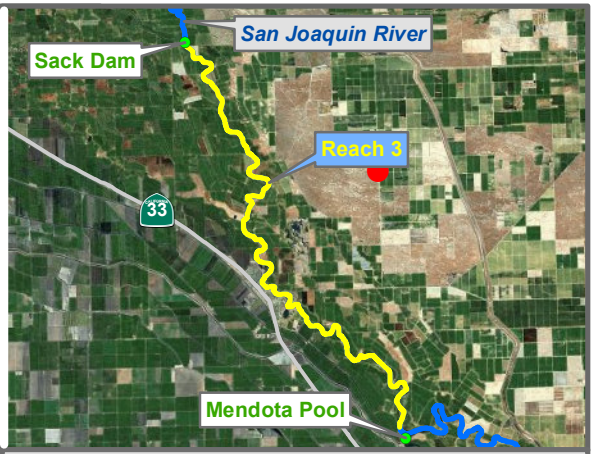
Groundwater

Monitoring Location
379

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

Last Updated:
5/24/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_379.mxd



Reach = 3
River Mile = 189
X = -120.3820 Y = 36.9166
(Horizontal Datum is NAD83)
Distance From River (ft)= 13015
Reference Elevation (ft NAVD88) = 147.5
Site = Road 9
Land Use = Assumed Annual Crop
Protocol Reference = ATR App F Sec 2
Agency = USBR

Madera County
Right Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 0.0*
Screen Depth (ft bgs) = 15.1 - 30.1
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 142.2

Influences:
-

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

Monitoring Location
MW-10-117

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

Last Updated:
5/24/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW10117.mxd

Reach = 3
River Mile = 191
X = -120.4449 Y = 36.8967
(Horizontal Datum is NAD83)
Distance From River (ft)= 4415
Reference Elevation (ft NAVD88) = 138.3
Site = Road 5 1/2
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = USBR

Madera County
Right Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 6/1/2011 - 1/4/2012
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM

Root Depth (ft bgs) = 9.0
GS Buffer (ft) = 2.4
Screen Depth (ft bgs) = 10.0 - 25.0
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 10
Threshold Elevation (ft NAVD88) = 125.6

Influences:
-

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW10118.mxd

Monitoring Location
MW-10-118

Reach = 3
River Mile = 192.5
X = -120.4450 Y = 36.8801
(Horizontal Datum is NAD83)
Distance From River (ft)= 2457
Reference Elevation (ft NAVD88) = 140.5
Site = Avenue 9 / Road 6
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = USBR

Madera County
Right Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 5/26/2011 - 1/4/2012
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM

Root Depth (ft bgs) = 9.0
GS Buffer (ft) = 2.4
Screen Depth (ft bgs) = 15.1 - 30.1
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 10
Threshold Elevation (ft NAVD88) = 127.8

Influences:
Drain

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

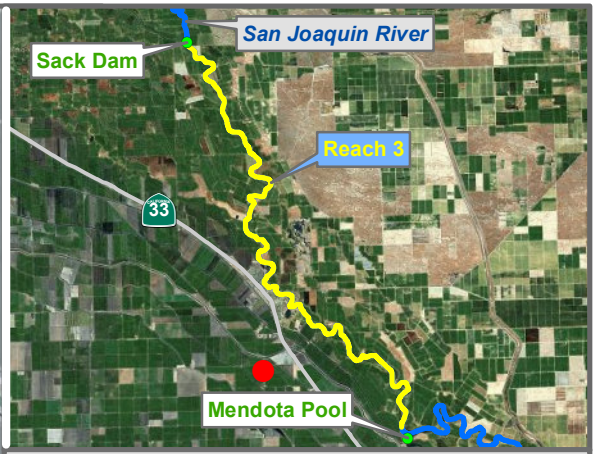
Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW10119.mxd

Monitoring Location
MW-10-119

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

Last Updated:
5/23/2012
Preliminary Data



Reach = 3
River Mile = 197.5
X = -120.4582 Y = 36.8178
(Horizontal Datum is NAD83)
Distance From River (ft)= 12308
Reference Elevation (ft NAVD88) = 166.9
Site = Washoe Ave
Land Use = Assumed Annual Crop
Protocol Reference = ATR App F Sec 2
Agency = USBR

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 0.0*
Screen Depth (ft bgs) = 18.0 - 28.0
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 161.6

Influences:
Canal

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

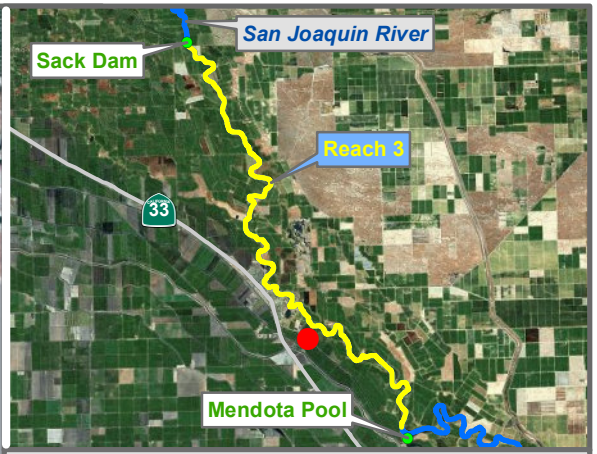
Groundwater

Monitoring Location
MW-10-120

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

Last Updated:
5/24/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW10120.mxd



Reach = 3
River Mile = 197.5
X = -120.4294 Y = 36.8332
(Horizontal Datum is NAD83)
Distance From River (ft)= 2661
Reference Elevation (ft NAVD88) = 150.4
Site = Sierra Ave & Helm Canal Ave
Land Use = Assumed Annual Crop
Protocol Reference = ATR App F Sec 2
Agency = USBR

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 0.0*
Screen Depth (ft bgs) = 15.0 - 30.0
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 144.9

Influences:
Helm Canal

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW10126.mxd

Monitoring Location
MW-10-126
(Previously MW-10-121)

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

Last Updated:
5/24/2012
Preliminary Data

Reach = 3
River Mile = 197.5
X = -120.3909 Y = 36.8501
(Horizontal Datum is NAD83)
Distance From River (ft)= 6725
Reference Elevation (ft NAVD88) = 147.8
Site = Road 8 1/2
Land Use = Assumed Annual Crop
Protocol Reference = ATR App F Sec 2
Agency = USBR

Madera County
Right Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 0.0*
Screen Depth (ft bgs) = 14.2 - 29.2
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 142.6

Influences:
Drain

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW10127.mxd

Monitoring Location
MW-10-127
(Previously MW-10-122)

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

Last Updated:
5/24/2012
Preliminary Data

Reach = 3 Fresno County
River Mile = 204.5 Left Bank
X = -120.4118 Y = 36.7852 Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 11468
Reference Elevation (ft NAVD88) = 168
Site = Midnight Sun Inc
Land Use = Assumed Annual Crop
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 0.0*
Screen Depth (ft bgs) = 15.1 - 31.1
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 162.8

Influences:
-

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW10128.mxd

Monitoring Location
MW-10-128
(Previously MW-10-123)

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

Last Updated:
5/24/2012
Preliminary Data

Reach = 3
River Mile = 203
X = -120.3592 Y = 36.8087
(Horizontal Datum is NAD83)
Distance From River (ft)= 2616
Reference Elevation (ft NAVD88) = 153.8
Site = Eastside Drive
Land Use = Assumed Annual Crop
Protocol Reference = ATR App F Sec 2
Agency = USBR

Madera County
Right Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 0.6
Screen Depth (ft bgs) = 10.0 - 30.0
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 147.8

Influences:
-

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW10129.mxd

Monitoring Location
MW-10-129
(Previously MW-10-124)

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

Last Updated:
5/24/2012
Preliminary Data

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW1074.mxd

Monitoring Location
MW-10-74

Reach = 3
River Mile = 187
X = -120.4652 Y = 36.9306
(Horizontal Datum is NAD83)
Distance From River (ft)= 328
Reference Elevation (ft NAVD88) = 136
Site = Oxalis Ave
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = USBR

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 3/26/2010 - 10/19/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

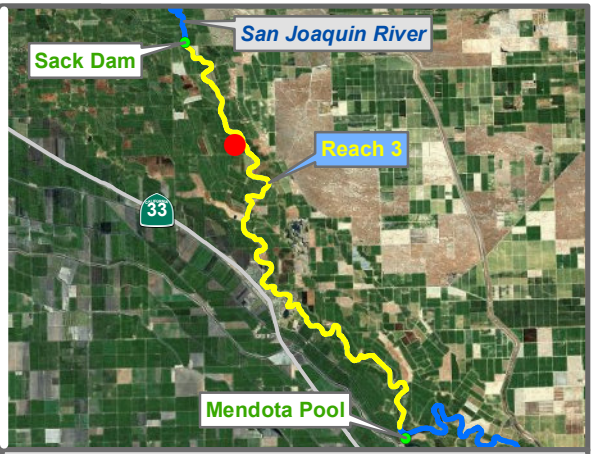
Description:
2 inch PVC casing AG

Root Depth (ft bgs) = 9.0
GS Buffer (ft) = 4.2
Screen Depth (ft bgs) = 10-25
Capillary Rise (ft) = 0.5
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 9.5
Threshold Elevation (ft NAVD88) = 122.3

Influences:
Canal, SJR

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

Last Updated:
5/23/2012
Preliminary Data



Reach = 3
River Mile = 187
X = -120.4707 Y = 36.9313
(Horizontal Datum is NAD83)
Distance From River (ft)= 1586
Reference Elevation (ft NAVD88) = 131.8
Site = Oxalis Ave
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = USBR

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Weekly - Priority
   Date Range = Currently Unavailable
2. Type = Realtime - W75
   Interval = Hourly
   Date Range = Currently Unavailable
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing AG

Root Depth (ft bgs) = 9.0
GS Buffer (ft) = 0.5
Screen Depth (ft bgs) = 13.7 - 28.7
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 6.3
Threshold Elevation (ft NAVD88) = 125.2

Influences:
-

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

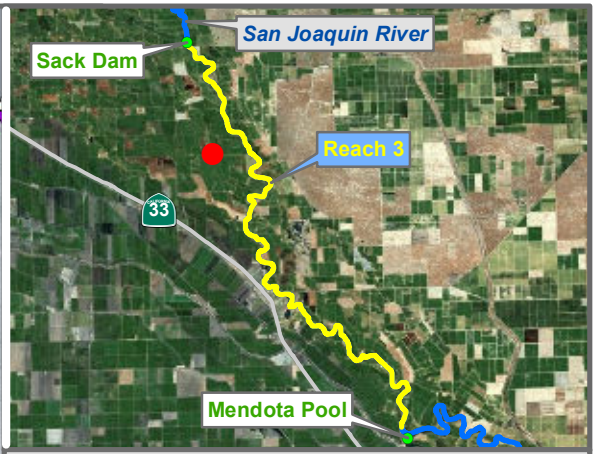
Groundwater

Monitoring Location
MW-10-75

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

Last Updated:
5/24/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW1075.mxd



Reach = 3
River Mile = 187.1
X = -120.4858 Y = 36.9276
(Horizontal Datum is NAD83)
Distance From River (ft)= 5257
Reference Elevation (ft NAVD88) = 130.7
Site = Oxalis Ave
Land Use = Corn
Protocol Reference = ATR App F Sec 2
Agency = USBR

Fresno County
Left Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 3/26/2010 - 10/19/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing AG

Root Depth (ft bgs) = 3.0
GS Buffer (ft) = 2.7
Screen Depth (ft bgs) = 10-25
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 2.7
Threshold Elevation (ft NAVD88) = 125.3

Influences:
Poso Drain, Slough

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

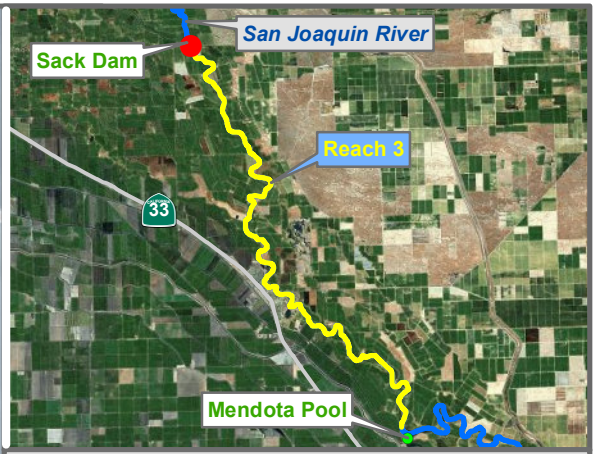
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW1076.mxd

Monitoring Location
MW-10-76



Reach = 3
River Mile = 182.203650456
X = -120.4978 Y = 36.9817
(Horizontal Datum is NAD83)
Distance From River (ft)= 288
Reference Elevation (ft NAVD88) = 125.3
Site = TBD
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 4/14/2010 - 10/19/2011
2. Type = Datalogger
   Interval = Hourly
   Date Range = 4/28/2010 - 8/15/2011
3. Type =
   Interval =
   Date Range =

Madera County
Right Bank
Status = Existing

Description:
2 inch PVC casing AG

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 3.0
Screen Depth (ft bgs) = 10-25
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 2.4
Threshold Elevation (ft NAVD88) = 119.9

Influences:
SJR

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

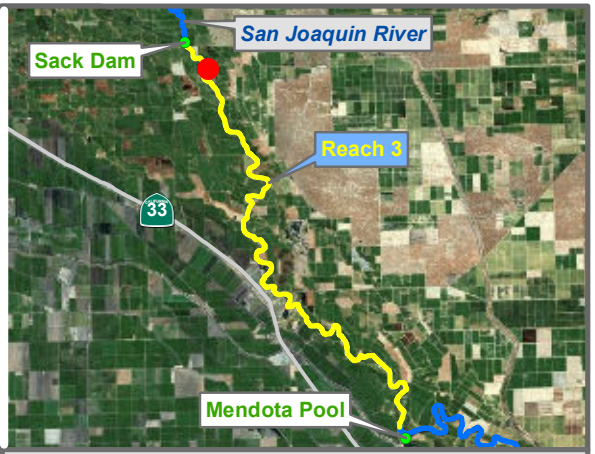
Groundwater

Monitoring Location
MW-10-78

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW1078.mxd



Reach = 3 Fresno County
River Mile = Left Bank
X = -120.4861 Y = 36.9702 Status =
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Reference Elevation (ft NAVD88) = 128.871
Site =
Land Use =
Protocol Reference =
Agency = USBR
Measurements:

1. Type = Electronic Sounder Measurement
   Interval =
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

Monitoring Location
MW-11-150

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

Last Updated:
5/24/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW11150.mxd

Reach = 3
River Mile =
X = -120.4617 Y = 36.9295
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Reference Elevation (ft NAVD88) = 133.988
Site =
Land Use =
Protocol Reference =
Agency = USBR

Madera County
Right Bank
Status =

Measurements:

1. Type = Electronic Sounder Measurement
   Interval =
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

Monitoring Location
MW-11-155

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

Last Updated:
5/24/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW11155.mxd

Reach = 3
River Mile =
X = -120.4594 Y = 36.9314
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Reference Elevation (ft NAVD88) = 134.656
Site =
Land Use =
Protocol Reference =
Agency = USBR
Measurements:

1. Type = Electronic Sounder Measurement
   Interval =
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Madera County
Right Bank
Status =

Description:

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

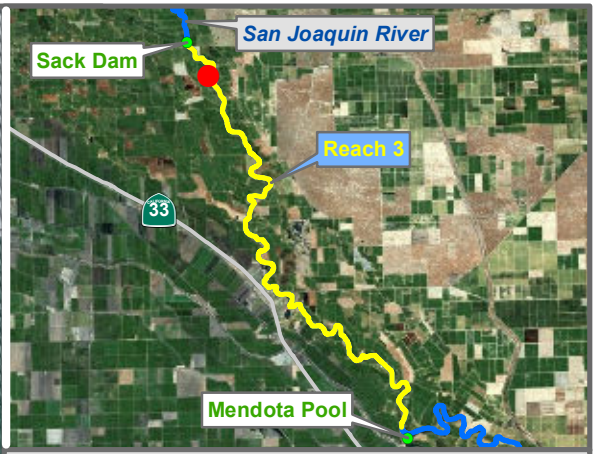
Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW11156.mxd

Monitoring Location
MW-11-156

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

Last Updated:
5/24/2012
Preliminary Data



Reach = 3
River Mile =
X = -120.4873 Y = 36.9663
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Reference Elevation (ft NAVD88) = 126.078
Site =
Land Use =
Protocol Reference =
Agency = USBR

Madera County
Right Bank
Status =

Measurements:

1. Type = Electronic Sounder Measurement
   Interval =
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:

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

Last Updated:
5/24/2012
Preliminary Data

0 500 1,000 2,000 Feet

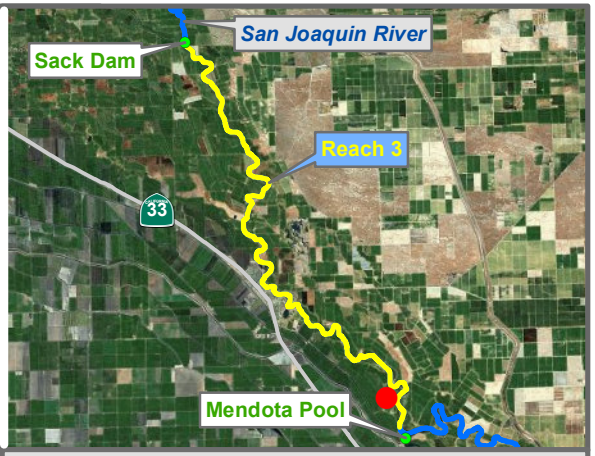
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW11157.mxd

Monitoring Location
MW-11-157



Reach = 3
River Mile =
X = -120.3804 Y = 36.8031
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Reference Elevation (ft NAVD88) = 149.216
Site =
Land Use =
Protocol Reference =
Agency = USBR
Measurements:

1. Type = Electronic Sounder Measurement
   Interval =
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Fresno County
Left Bank
Status =

Description:

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

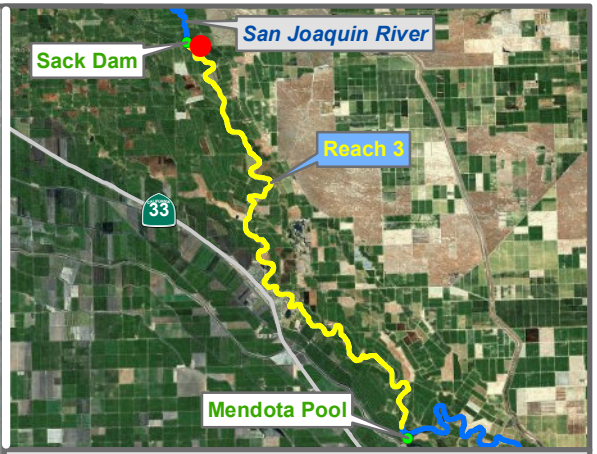
Groundwater

Monitoring Location
MW-11-160

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

Last Updated:
5/24/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW11160.mxd



Reach = 3 Madera County
River Mile = Right Bank
X = -120.4918 Y = 36.9816 Status =
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Reference Elevation (ft NAVD88) = 123.045
Site =
Land Use =
Protocol Reference =
Agency = USBR
Measurements:

1. Type = Electronic Sounder Measurement
   Interval =
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:

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

Last Updated:
5/24/2012
Preliminary Data

0 500 1,000 2,000 Feet

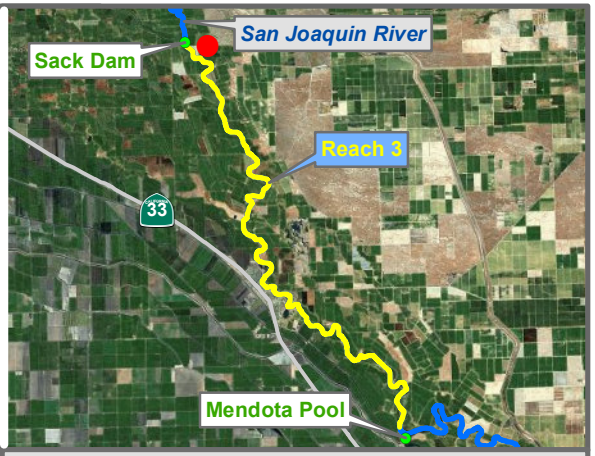
N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW11161.mxd

Monitoring Location
MW-11-161



Reach = 3
River Mile =
X = -120.4859 Y = 36.9817
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Reference Elevation (ft NAVD88) = 120.581
Site =
Land Use =
Protocol Reference =
Agency = USBR
Measurements:

1. Type = Electronic Sounder Measurement
   Interval =
   Date Range = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Madera County
Right Bank
Status =

Description:

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

Monitoring Location
MW-11-163

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

Last Updated:
5/24/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_MW11163.mxd

Reach = 3
River Mile = 191.555797453
X = -120.4636 Y = 36.8901
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Reference Elevation (ft NAVD88) = 137.12
Site = NA
Land Use = Assumed Annual Crop
Protocol Reference = ATR App F Sec 2
Agency = USBR

Madera County
Right Bank
Status = Decom

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type = Realtime - R31
   Interval = Hourly
   Date Range = Currently Unavailable
3. Type =
   Interval =
   Date Range =

Description:
1.25 inch galv pipe

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 4.1
Screen Depth (ft bgs) = 9-24
Capillary Rise (ft) = 0.5
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4.5
Threshold Elevation (ft NAVD88) = TBD

Influences:
SJR

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

Last Updated:
5/29/2012
Preliminary Data

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_PZ09R31.mxd

Monitoring Location
PZ-09-R3-1

Reach = 3
River Mile = 191.629426335
X = -120.4652 Y = 36.8893
(Horizontal Datum is NAD83)
Distance From River (ft)= 366
Reference Elevation (ft NAVD88) = 138.39
Site = NA
Land Use = Assumed Annual Crop
Protocol Reference = ATR App F Sec 2
Agency = USBR

Madera County
Right Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 10/21/2009 - 9/8/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 1.5
Screen Depth (ft bgs) = 12-15
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = TBD

Influences:
SJR

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_PZ09R32.mxd

Monitoring Location
PZ-09-R3-2

Reach = 3
River Mile = 191.908898196
X = -120.4627 Y = 36.8864
(Horizontal Datum is NAD83)
Distance From River (ft)= 145
Reference Elevation (ft NAVD88) = 140.5
Site = NA
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = USBR

Madera County
Right Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 10/21/2009 - 9/8/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
1.25 inch galv pipe

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 4.3
Screen Depth (ft bgs) = 17-20
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 131.4

Influences:
SJR

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_PZ09R33.mxd

Monitoring Location
PZ-09-R3-3

Reach = 3
River Mile = 193.447315114
X = -120.4552 Y = 36.8729
(Horizontal Datum is NAD83)
Distance From River (ft)= 142
Reference Elevation (ft NAVD88) = 140.1
Site = NA
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 10/21/2009 - 9/8/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Madera County
Right Bank
Status = Existing

Description:
1.25 inch galv pipe

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 3.5
Screen Depth (ft bgs) = 13-16
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 131.6

Influences:
SJR

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

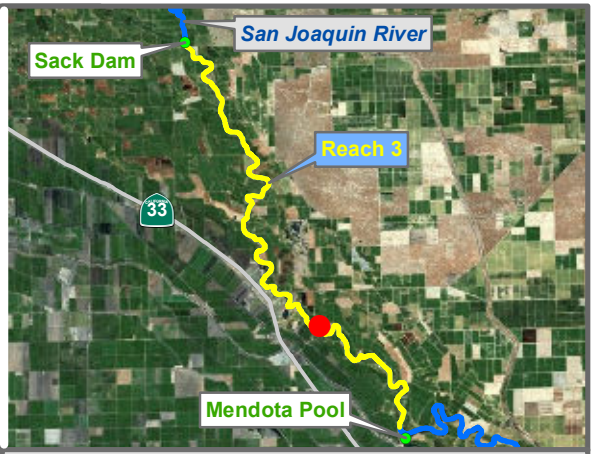
Groundwater

Monitoring Location
PZ-09-R3-4

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_PZ09R34.mxd



Reach = 3
River Mile = 197.773378943
X = -120.4209 Y = 36.8400
(Horizontal Datum is NAD83)
Distance From River (ft)= 201
Reference Elevation (ft NAVD88) = 145.4
Site = NA
Land Use = Assumed Annual Crop
Protocol Reference = ATR App F Sec 2
Agency = USBR

Madera County
Right Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Weekly - Priority
   Date Range = 10/21/2009 - 9/8/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
1.25 inch galv pipe

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 1.2
Screen Depth (ft bgs) = 17-20
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 139.3

Influences:
Columbia Canal, SJR

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

Monitoring Location
PZ-09-R3-5

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

Last Updated:
5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_PZ09R35.mxd

Reach = 3
River Mile = 196.607416868
X = -120.4330 Y = 36.8503
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Reference Elevation (ft NAVD88) = 143
Site = NA
Land Use = Corn
Protocol Reference = ATR App F Sec 2
Agency = USBR

Madera County
Right Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Weekly - Priority
   Date Range = Currently Unavailable
2. Type = Datalogger
   Interval = Hourly
   Date Range = Currently Unavailable
3. Type =
   Interval =
   Date Range =

Description:
1.25 inch galv pipe

Root Depth (ft bgs) = 3.0
GS Buffer (ft) = 1.5
Screen Depth (ft bgs) = 17-20
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 137.7

Influences:
Columbia Canal, SJR

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

Monitoring Location
PZ-09-R3-6

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

Last Updated:
5/29/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_PZ09R36.mxd

Reach = 3
River Mile = 199.168263502
X = -120.4076 Y = 36.8352
(Horizontal Datum is NAD83)
Distance From River (ft)= 185
Reference Elevation (ft NAVD88) = 144.6
Site = NA
Land Use = Corn
Protocol Reference = ATR App F Sec 2
Agency = USBR

Madera County
Right Bank
Status = Existing

Measurements:

1. Type = Electronic Sounder Measurement
   Interval = Weekly - Priority
   Date Range = 10/21/2009 - 9/8/2011
2. Type = Realtime - R37
   Interval = Hourly
   Date Range = 11/10/2009 - 2/3/2010
3. Type =
   Interval =
   Date Range =

Description:
2 inch galv casing

Root Depth (ft bgs) = 3.0
GS Buffer (ft) = 0.7
Screen Depth (ft bgs) = 17-20
Capillary Rise (ft) = 0.5
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 3.5
Threshold Elevation (ft NAVD88) = 140.3

Influences:
SJR

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

Last Updated:
5/23/2012
Preliminary Data

0 500 1,000 2,000 Feet

N

SAN JOAQUIN RIVER RESTORATION PROGRAM

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas_GW\R3_Well_PZ09R37.mxd

Monitoring Location
PZ-09-R3-7