Reach 2A
GW Monitoring Locations

Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R2A.mxd
Last Updated: 5/29/2012
Reach = 2A  Fresno County
River Mile = 222.1  Left Bank
X = -120.2193  Y = 36.7850  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 564
Reference Elevation (ft NAVD88) = 179.84
Site = Napa Ave.
Land Use = River Channel
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 5/20/2008 - 1/3/2012
2. Type = 
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
2 inch PVC well
Root Depth (ft bgs) = 4.0
GS Buffer (ft) = -4.6
Screen Depth (ft bgs) = 15-25
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 179.4
Influences:
SJR, Canal

* = assumed value
bgs = below ground surface
NR = not recorded
Last Updated: 5/23/2012
Preliminary Data
Reach = 2A Fresno County
River Mile = 222.1 Left Bank
X = -120.2201 Y = 36.7850 Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 346
Reference Elevation (ft NAVD88) = 179.45
Site = Napa Ave.
Land Use = River Channel
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type = Datalogger
   Interval = Hourly
   Date Range = Currently Unavailable
3. Type = 
   Interval = 
   Date Range = 

Description:
2 inch PVC well

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = -4.7
Screen Depth (ft bgs) = 15-20
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 179.2

Influences:
SJR, Canal

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

Last Updated:
5/24/2012

Preliminary Data
Reach = 2A  Fresno County
River Mile = 219.8  Left Bank
X = -120.2375  Y = 36.7693  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 127
Reference Elevation (ft NAVD88) = 178.41
Site = Transect 10
Land Use = River Channel
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type = Datalogger
   Interval = Hourly
   Date Range = Currently Unavailable
3. Type =
   Interval =
   Date Range =
Description:
2 inch PVC casing
Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 4.8
Screen Depth (ft bgs) = 15-20
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 168.6
Influences:
Groundwater

* = assumed value
bgs = below ground surface
NR = not recorded
Last Updated: 5/24/2012
Preliminary Data
FA-7

MA-3

T10-2

FA-6

T10-1 (1m)

T10-1 (3m)

MW-09-44

FA-7

Monitoring Location
FA-7

Reach = 2A
Fresno County
River Mile = 219.8
Left Bank
X = -120.2375
Y = 36.7689
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 262
Reference Elevation (ft NAVD88) = 178.96
Site = Transect 10
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type = Datalogger
   Interval = Hourly
   Date Range = Currently Unavailable
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing

Root Depth (ft bgs) = 9.0
GS Buffer (ft) = 5.6
Screen Depth (ft bgs) = 12-32
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 10
Threshold Elevation (ft NAVD88) = 163.4

Influences:
Groundwater

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

Last Updated: 5/24/2012
Preliminary Data
**Monitoring Location FA-8**

**Monitoring Location**

**Groundwater**

**San Joaquin River**

**Reach 2A**

**Chowchilla Bifurcation Structure**

**Gravelly Ford**

**Monitoring Location FA-8**

**V:\SJRRP\Monitoring Well Data\Atlas_GWR2A_Well_FA8.mxd**

**San Joaquin River Restoration Program**

**Reach = 2A**

**Fresno County**

**River Mile = 218.2**

**Left Bank**

**X = -120.2608 Y = 36.7711**

**Status = Existing**

*(Horizontal Datum is NAD83)*

**Distance From River (ft) = 350**

**Reference Elevation (ft NAVD88) = 172.7**

**Site = Transect 12**

**Land Use = River Channel**

**Protocol Reference = ATR App F Sec 2**

**Agency = USBR**

**Measurements:**

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

2. **Type = Datalogger**
   **Interval = Hourly**
   **Date Range = Currently Unavailable**

3. **Type =**
   **Interval =**
   **Date Range =**

**Description:**

2 inch PVC casing

**Root Depth (ft bgs) = 4.0**

**GS Buffer (ft) = 1.7**

**Screen Depth (ft bgs) = 15-30**

**Capillary Rise (ft) = 1.0*"**

**Historical GW level (ft bgs) = 50**

**Field Threshold (ft bgs) = 5**

**Threshold Elevation (ft NAVD88) = 166.0**

**Influences:**

SJRR

* = assumed value

bgs = below ground surface

NR = not recorded

Preliminary Data

Last Updated: 5/24/2012
Monitoring Location
FA-9

Reach = 2A  Fresno County
River Mile = 218.2  Left Bank
X = -120.2604  Y = 36.7705  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 369
Reference Elevation (ft NAVD88) = 173.98
Site = Transect 12
Land Use = Alfalfa
Protocol Reference = ATR App F Sec 2
Agency = USBR

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:
2 inch PVC casing

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 3.7
Screen Depth (ft bgs) = 12-32
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 167.8

Influences:
SJR

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

Last Updated:
5/24/2012
Reach = 2A  Madera County
River Mile = 222.1  Right Bank
X = -120.2219  Y = 36.7856  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 206
Reference Elevation (ft NAVD88) = 182.69
Site = Napa Ave.
Land Use = Annual Crops
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type = Datalogger
   Interval = Hourly
   Date Range = Currently Unavailable
3. Type = 
   Interval = 
   Date Range =
Description:
2 inch PVC well
Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 2.9
Screen Depth (ft bgs) = 12-32
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 174.8
Influences:
Groundwater

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

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Last Updated:
5/24/2012
Preliminary Data
Gravelly Ford
Chuckchilla Bifurcation Structure
San Joaquin River

Reach = 2A
River Mile = 219.8
X = -120.2372  Y = 36.7713
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 637
Reference Elevation (ft NAVD88) = 179
Site = Transect 10
Land Use = Annual Crops
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type = Datalogger
   Interval = Hourly
   Date Range = Currently Unavailable
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 0.9
Screen Depth (ft bgs) = 14.5-34.5
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 173.1

Influences:
Groundwater

Last Updated:
5/24/2012
Preliminary Data

* = assumed value
bgs = below ground surface
NR = not recorded
**Monitoring Location MA-4**

- **Reach:** 2A
- **Madera County**
- **River Mile:** 217.2
- **Right Bank**
- **X:** -120.2692
- **Y:** 36.7730
- **Status:** Existing
- **(Horizontal Datum is NAD83)**
- **Distance From River (ft):** 536
- **Reference Elevation (ft NAVD88):** 174.45
- **Site:** Transect 13
- **Land Use:** Vineyard w Drains
- **Protocol Reference:** ATR App F Sec 2
- **Agency:** USBR

**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:**
- 2 inch PVC casing

**Influences:**
- SJR

- **Root Depth (ft bgs):** 6.0
- **GS Buffer (ft):** 6.1
- **Screen Depth (ft bgs):** 15-25
- **Capillary Rise (ft):** 1.0*
- **Historical GW level (ft bgs):** 50
- **Field Threshold (ft bgs):** 7
- **Threshold Elevation (ft NAVD88):** 166.0

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

**Last Updated:**
5/24/2012
Reach = 2A
River Mile = 223.8
X = -120.1996  Y = 36.7819
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 305
Reference Elevation (ft NAVD88) = 191
Site = Shields Ave.
Land Use = Annual Crops
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 10/16/2009 - 1/3/2012
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC well FM

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 4.5
Screen Depth (ft bgs) = 17.0 - 37.0
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 181.5

Influences:
SJR

Monitoring Location
MW-09-36

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

Last Updated: 5/23/2012
Monitoring Location
MW-09-37

Reach = 2A
Fresno County
River Mile = 223.8
Left Bank
X = -120.1990  Y = 36.7794
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 389
Reference Elevation (ft NAVD88) = 191.8
Site = Shields Ave.
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type = Datalogger
   Interval = Hourly
   Date Range = Currently Unavailable
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC well FM, deep well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) = 4.2
Screen Depth (ft bgs) = 67.0 - 87.0
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
SJR

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

Last Updated: 5/24/2012
Preliminary Data
Monitoring Location
MW-09-37B

Reach = 2A
Fresno County
River Mile = 223.8
Left Bank
X = -120.1990  Y = 36.7795  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 384
Reference Elevation (ft NAVD88) = 192.1
Site = Shields Ave.
Land Use = Vineyard
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type = Datalogger
   Interval = Hourly
   Date Range = Currently Unavailable
3. Type = 
   Interval =
   Date Range =

Description:
2 inch PVC well FM
Root Depth (ft bgs) = 6.0
GS Buffer (ft) = 3.1
Screen Depth (ft bgs) = 15.0 - 25.0
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 7
Threshold Elevation (ft NAVD88) = 182.1

Influences:
Monitoring Location
MW-09-37B

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Last Updated: 5/24/2012
Preliminary Data

* = assumed value
bgs = below ground surface
NR = not recorded
Reach = 2A  Fresno County
River Mile = 222.1  Left Bank
X = -120.2186  Y = 36.7849  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 774
Reference Elevation (ft NAVD88) = 184.9
Site = Napa Ave.
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 9/25/2009 - 1/3/2012
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM, deep well, no threshold

Root Depth (ft bgs) = GS
Buffer (ft) = 1.6
Screen Depth (ft bgs) = 72.0 - 87.0
Capillary Rise (ft) = 0.5
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
Monitoring Location
MW-09-39B

Reach = 2A
Fresno County
River Mile = 222.1
Left Bank
X = -120.2186  Y = 36.7849  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 774
Reference Elevation (ft NAVD88) = 184.9
Site = Napa Ave.
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type = Datalogger
   Interval = Hourly
   Date Range = Currently Unavailable
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM

Root Depth (ft bgs) = 9.0
GS Buffer (ft) = 0.5
Screen Depth (ft bgs) = 14.5 - 24.5
Capillary Rise (ft) = 0.5
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 9.5
Threshold Elevation (ft NAVD88) = 174.9

Influences:
- Groundwater

Last Updated: 5/24/2012
Preliminary Data

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

V:\SJRRP\Monitoring Well Data\Atlas_GW\R2A_Well_MW0939B.mxd
Reach 2A  Fresno County
River Mile = 222.1  Left Bank
X = -120.2201  Y = 36.7851  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 342
Reference Elevation (ft NAVD88) = 180.7
Site = Napa Ave.
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type = Datalogger
   Interval = Hourly
   Date Range = Currently Unavailable
3. Type =
   Interval =
   Date Range =
Description:
2 inch PVC casing FM, deep well, no threshold
Root Depth (ft bgs) =
GS Buffer (ft) = -3.4
Screen Depth (ft bgs) = 62.0 - 82.0
Capillary Rise (ft) = 0.5
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
SJRR

Monitoring Location
MW-09-41
Monitoring Location
MW-09-44

Reach = 2A
Fresno County
River Mile = 219.8
Left Bank
X = -120.2375  Y = 36.7692
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 136
Reference Elevation (ft NAVD88) = 179.2
Site = Transect 10
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type = Datalogger
   Interval = Hourly
   Date Range = Currently Unavailable
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM, deep well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) = 4.4
Screen Depth (ft bgs) = 41.5 - 61.5
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Groundwater

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

Last Updated: 5/24/2012
Preliminary Data
Monitoring Location
MW-09-46

Reach = 2A Fresno County
River Mile = 218.2 Left Bank
X = -120.2608 Y = 36.7710 Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 357
Reference Elevation (ft NAVD88) = 173.5
Site = Transect 12
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type = Datalogger
   Interval = Hourly
   Date Range = Currently Unavailable
3. Type =
   Interval =
   Date Range =
Description:
2 inch PVC casing FM, deep well, no threshold
Root Depth (ft bgs) =
GS Buffer (ft) = 4.3
Screen Depth (ft bgs) = 42.0 - 62.0
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
SJR

Last Updated: 5/24/2012
* = assumed value
gs = below ground surface
NR = not recorded
Preliminary Data
Monitoring Location
MW-09-47

Reach = 2A
Madera County
River Mile = 218.2
Right Bank
X = -120.2598  Y = 36.7721  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 121
Reference Elevation (ft NAVD88) = 174.7
Site = Transect 12
Land Use = Vineyard w Drains
Protocol Reference = ATR App F Sec 2
Agency = USBR

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:
2 inch PVC casing FM

Root Depth (ft bgs) = 6.0
GS Buffer (ft) = 3.5
Screen Depth (ft bgs) = 20.0 - 40.0
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 7
Threshold Elevation (ft NAVD88) = 167.5

Influences:
SJR

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

Last Updated: 5/24/2012
Monitoring Location
MW-09-49

Reach = 2A
Fresno County
River Mile = 217.2
Left Bank
X = -120.2702  Y = 36.7712  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 114
Reference Elevation (ft NAVD88) = 171
Site = Transect 13
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = Currently Unavailable
2. Type = Datalogger
   Interval = Hourly
   Date Range = Currently Unavailable
3. Type =
   Interval =
   Date Range =
Description:
2 inch PVC casing FM, deep well, no threshold

Root Depth (ft bgs) =
GS Buffer (ft) = 1.8
Screen Depth (ft bgs) = 50.0 - 60.0
Capillary Rise (ft) = 0.5
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
SJR

* = assumed value
bgs = below ground surface
NR = not recorded
Preliminary Data
Monitoring Location
MW-09-49B

Reach = 2A  Fresno County
River Mile = 217.2  Left Bank
X = -120.2702  Y = 36.7712  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 110
Reference Elevation (ft NAVD88) = 170.9
Site = Transect 13
Land Use = Annual Crops w Drains
Protocol Reference = ATR App F Sec 2
Agency = USBR

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:
2 inch PVC casing FM

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 1.7
Screen Depth (ft bgs) = 10.0 - 20.0
Capillary Rise (ft) = 0.5
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4.5
Threshold Elevation (ft NAVD88) = 167.1

Influences:
SJR

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Last Updated:
5/24/2012

*= assumed value
bgs = below ground surface
NR = not recorded
Preliminary Data
Monitoring Location
MW-11-151

Reach = 2A    Madera County
River Mile = Right Bank
X = -120.2627  Y = 36.7813  Status = (Horizontal Datum is NAD83)
Distance From River Centerline (ft) = 
Reference Elevation (ft NAVD88) = 171.615
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
Preliminary Data

Last Updated: 5/24/2012
Monitoring Location
MW-11-158

Reach 2A
Madera County
River Mile = Right Bank
X = -120.1592  Y = 36.7991  Status =
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Reference Elevation (ft NAVD88) = 199.869
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
Monitoring Location

MW-11-159

Reach = 2A  Madera County
River Mile = Right Bank
X = -120.1619  Y = 36.8054  Status =
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Reference Elevation (ft NAVD88) = 200.116
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
Monitoring Location

T10-1 (1m)

Reach = 2A
River Mile = 219.8
X = -120.2376  Y = 36.7697
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 39
Reference Elevation (ft NAVD88) = 171.1
Site = Transect 10
Land Use = River Channel
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 11/7/2009 - 12/1/2009
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing, in channel, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) =
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 167.1

Influences:
Groundwater

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

Last Updated: 5/23/2012
Preliminary Data
Monitoring Location

T10-1 (3m)

Reach 2A
River Mile = 219.8
Center Bank
Status = Existing
(Horizontal Datum is NAD83)

Distance From River (ft) = 39
Reference Elevation (ft NAVD88) = 171.1
Site = Transect 10
Land Use = River Channel
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 7/21/2008 - 3/2/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch steel casing, in channel, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) =
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 167.1

Influences:

Groundwater

Last Updated: 5/23/2012
Preliminary Data
Monitoring Location
T10-2

Reach 2A
River Mile = 219.8
X = -120.2376  Y = 36.7700
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 145
Reference Elevation (ft NAVD88) = 171.44
Site = Transect 10
Land Use = River Channel
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 4/18/2008 - 4/20/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing, in channel, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) =
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 167.4

Influences:
Groundwater

Last Updated: 5/23/2012
Preliminary Data
Monitoring Location

T12-1

Reach = 2A
Fresno County
River Mile = 218.2
Left Bank
X = -120.2607
Y = 36.7712
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 294
Reference Elevation (ft NAVD88) = 163.65
Site = Transect 12
Land Use = River Channel
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 4/16/2008 - 8/10/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch steel casing, in channel, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) =
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 159.7

Influences:
SJR

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

Last Updated: 5/23/2012
Preliminary Data
Monitoring Location
T12-2

Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 162.8

Influences:
SJR

Root Depth (ft bgs) = 4.0
GS Buffer (ft) =
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50

Description:
2 inch PVC casing, in channel, no threshold

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 5/16/2008 - 10/19/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Reference Elevation (ft NAVD88) = 166.8
Distance From River (ft) = 118
Site = Transect 12
Land Use = River Channel
Protocol Reference = ATR App F Sec 2
Agency = USBR

MW-09-46
MW-09-49
MW-09-49B
T13-2
T13-3
MA-4
MW-09-47
T12-1
T12-3
FA-8
T12-2
FA-9

Reach = 2A Fresno County
River Mile = 218.2 Left Bank
X = -120.2603 Y = 36.7716 Status = Existing
(Horizontal Datum is NAD83)

Vertical Datum is NAVD88
Distance From River (ft) = 118
Reference Elevation (ft NAVD88) = 166.8
Site = Transect 12
Land Use = River Channel
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 5/16/2008 - 10/19/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing, in channel, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) =
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50

Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 162.8

Influences:
SJR

Groundwater

Last Updated:
5/23/2012

* = assumed value
bgs = below ground surface
NR = not recorded
Preliminary Data
Monitoring Location
T12-3

Reach = 2A
Fresno County
River Mile = 218.2
Left Bank
X = -120.2601 Y = 36.7718
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 29
Reference Elevation (ft NAVD88) = 163.98
Site = Transect 12
Land Use = River Channel
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 4/16/2008 - 10/19/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch steel casing, in channel, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) =
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 160.0

Influences:
SJR

V:\SJRRP\Monitoring Well Data\Atlas_GWR2A_Well_T123.mxd

Last Updated:
5/23/2012
Preliminary Data
Monitoring Location

T13-2

Reach = 2A
Madera County
River Mile = 217.2
Right Bank
X = -120.2701  Y = 36.7717
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 48
Reference Elevation (ft NAVD88) =
Site = Transect 13
Land Use = River Channel
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 4/18/2008 - 9/17/2008
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing, in channel, no threshold

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

Influences:
SJR

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

Last Updated:
5/23/2012
Preliminary Data
Monitoring Location
T13-3

Reach = 2A
Madera County
River Mile = 217.2
Right Bank
X = -120.2700  Y = 36.7722
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 220
Reference Elevation (ft NAVD88) = 169.11
Site = Transect 13
Land Use = River Channel
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 5/30/2008 - 1/3/2012
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing, in channel, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) =
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 165.1

Influences:
SJR

Last Updated:
5/23/2012

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