**FA-1**

- **River Mile**: 229.2
- **Left Bank**: Fresno County
- **Distance From River (ft)**: 165
- **Reference Elevation (ft NAVD88)**: 202.47
- **Site**: Lake Ave.
- **Land Use**: Vineyard
- **Protocol Reference**: ATR App F Sec 2
- **Agency**: USBR

**Measurements:**

1. **Type**: Electronic Sounder Measurement
   - **Interval**: Monthly
   - **Date Range**: 10/23/2009 - 8/19/2011
2. **Interval**
3. **Interval**

**Description:**

2 inch PVC well

**Influences:**

- **SJR**

**Root Depth (ft bgs)**: 6.0
- **GS Buffer (ft)**: 1.8
- **Screen Depth (ft bgs)**: 
- **Capillary Rise (ft)**: 1.0*
- **Historical GW level (ft bgs)**: 50
- **Field Threshold (ft bgs)**: 7
- **Threshold Elevation (ft NAVD88)**: 

* = assumed value

bgs = below ground surface
NR = not recorded

**Last Updated:** 5/23/2012

Preliminary Data
Monitoring Location

FA-2

Reach = 1B
Fresno County
River Mile = 229.2
Left Bank
X = -120.1331  Y = 36.8086
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 483
Reference Elevation (ft NAVD88) = 205.32
Site = Lake 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

Root Depth (ft bgs) = 6.0
GS Buffer (ft) = 2.2
Screen Depth (ft bgs) =
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 7
Threshold Elevation (ft NAVD88) =

Influences:
SJR

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

Last Updated: 5/24/2012
Preliminary Data
Monitoring Location
FA-3

Reach = 1B  Fresno County
River Mile = 229.2  Left Bank
X = -120.1331  Y = 36.8084  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 561
Reference Elevation (ft NAVD88) = 204.53
Site = Lake Ave.
Land Use = Vineyard
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 10/23/2009 - 8/19/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC well

Influences:
SJR

Root Depth (ft bgs) = 6.0
GS Buffer (ft) = 1.5
Screen Depth (ft bgs) =
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 7
Threshold Elevation (ft NAVD88) =

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

Last Updated: 5/23/2012
Preliminary Data
Reach = 1B  Fresno County
River Mile = 229.2  Left Bank
X = -120.1337  Y = 36.8085  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 491
Reference Elevation (ft NAVD88) = 206.65
Site = Lake Ave.
Land Use = Fallow
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 10/23/2009 - 1/22/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC well

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 1.7
Screen Depth (ft bgs) =
Capillary Rise (ft) = 1.0*  
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) =

Influences:
SJR

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

Last Updated:
5/23/2012
Preliminary Data
Monitoring Location
MW-09-21

Reach = 1B  Fresno County
River Mile = 234.2  Left Bank
X = -120.0563  Y = 36.8185  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 1520
Reference Elevation (ft NAVD88) = 226.6
Site = Hwy 145 SkaggsBridge
Land Use = Public Land
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 10/27/2009 - 8/19/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC well FM

Influences:
- 

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 5.8
Screen Depth (ft bgs) = 31.5 - 51.5
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 215.8

Last Updated: 5/23/2012
Monitoring Location
MW-09-22

Reach = 1B
Fresno County
River Mile = 234.2
Left Bank
X = -120.0564 Y = 36.8214
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 553
Reference Elevation (ft NAVD88) = 222.8
Site = Hwy 145 Skaggs Bridge
Land Use = Public Land
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 10/27/2009 - 08/19/2011
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) = 3.4
Screen Depth (ft bgs) = 33.0 - 53.0
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 214.4

Influences:

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

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

MW-09-27
MW-09-26
MW-09-25
MW-09-23
MW-09-23B
MW-09-22
MW-09-21

Reach = 1B
Fresno County
River Mile = 234.2
Left Bank
X = -120.0565  Y = 36.8222
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 262
Reference Elevation (ft NAVD88) = 210.6
Site = Hwy 145 SkaggsBridge
Land Use = Public Land
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 10/27/2009 - 8/19/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC well FM

Influences:
SJR

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = -8.8
Screen Depth (ft bgs) = 14.5 - 34.5
Capillary Rise (ft) = 0.5
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4.5
Threshold Elevation (ft NAVD88) = 214.9

Groundwater

V:\SJRRP\Monitoring Well Data\Atlas\GW\GWR1B_Well_MW0923.mxd

Last Updated:
5/23/2012

* = assumed value
bgs = below ground surface
NR = not recorded
Preliminary Data
**MW-09-23B**

**Monitoring Location**

**San Joaquin River**

**Reach 1B**

**Fresno County**

**Left Bank**

- **River Mile**: 234.2
- **Status**: Existing
- **Distance From River (ft)**: 261
- **Reference Elevation (ft NAVD88)**: 210.6
- **Protocol Reference**: ATR App F Sec 2
- **Agency**: USBR

**Screen Depth (ft bgs)**: 12.0 - 22.0

**Field Threshold (ft bgs)**: 4.5

**Threshold Elevation (ft NAVD88)**: 214.9

**Influences**: SJR

**Groundwater**

**Preliminary Data**

**Last Updated**: 5/23/2012

**Measurements**:

1. **Type**: Electronic Sounder Measurement
   - **Interval**: Monthly
   - **Date Range**: 10/27/2009 - 8/19/2011

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)**: -8.8

**Screen Depth (ft bgs)**: 12.0 - 22.0

**Capillary Rise (ft)**: 0.5

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

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

**Agency**: USBR
Monitoring Location
MW-09-25

MW-09-21
MW-09-22
MW-09-23
MW-09-23B
MW-09-25
MW-09-26
MW-09-27

San Joaquin River
Gravelly Ford
Reach 1B

Reach = 1B
River Mile = 234.2
X = -120.0565  Y = 36.8235
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 210
Reference Elevation (ft NAVD88) = 224.9
Site = Hwy 145 Skaggs Bridge
Land Use = Public Land
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 10/27/2009 - 8/19/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC well FM

Influences:
SJR

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

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

**MW-09-26**

**Site = Hwy 145 Skaggs Bridge**
**Land Use = Public Land**
**Root Depth (ft bgs) = 4.0**
**Capillary Rise (ft) = 1.0**
**GS Buffer (ft) = -5.9**
**Historical GW level (ft bgs) = 50**
**Screen Depth (ft bgs) = 37.0 - 57.0**
**Field Threshold (ft bgs) = 5**

**Description:**
2 inch PVC well FM

**Influences:**

**Monitoring Well Data**

**Right Bank**
**Distance From River (ft) = 675**

**Measurements:**
1. **Date Range = 10/27/2009 - 8/19/2011**
   **Interval = Monthly**
   **Type = Electronic Sounder Measurement**
2. **Date Range =**
   **Interval =**
   **Type =**
3. **Interval =**
   **Date Range =**

**Agency = USBR**
**Protocol Reference = ATR App F Sec 2**
**Status = Existing**
**Horizontal Datum is NAD83**

**Last Updated:** 5/23/2012
Monitoring Location
MW-09-27

Reach = 1B
Madera County
River Mile = 234.2
Right Bank
X = -120.0564  Y = 36.8265
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 1275
Reference Elevation (ft NAVD88) = 236.8
Site = Hwy 145 SkaggsBridge
Land Use = Public Land
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 10/27/2009 - 8/19/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC well FM

Influences:
- 

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = -6.7
Screen Depth (ft bgs) = 50.0 - 70.0
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 238.5

Last Updated: 5/23/2012

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

Preliminary Data
Monitoring Location
R1-1

Reach = 1B  Madera County
River Mile = 238.4  Right Bank
X = -119.9924  Y = 36.8297  Status = Temporary
(Horizontal Datum is NAD83)
Distance From River (ft) = 180
Reference Elevation (ft NAVD88) = 216.85
Site = Whitmore Orchard
Land Use = Pomegranate
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 3/19/2010 - 8/5/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
1.25 inch galv pipe

Influences:
Landing Strip

Root Depth (ft bgs) = 6.0
GS Buffer (ft) = 1.6
Screen Depth (ft bgs) = 2
Capillary Rise (ft) = 0.5
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 6.5
Threshold Elevation (ft NAVD88) =

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

Last Updated: 5/23/2012
Preliminary Data
Reach = 1B
River Mile = 238.4
Right Bank
X = -119.9931  Y = 36.8302  Status = Temporary
(Horizontal Datum is NAD83)
Distance From River (ft) = 453
Reference Elevation (ft NAVD88) = 218.38
Site = Whitmore Orchard
Land Use = Pomegranate
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 3/19/2010 - 12/29/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
1.25 inch galv pipe

Influences:
Landing Strip

Root Depth (ft bgs) = 6.0
GS Buffer (ft) = 3.1
Screen Depth (ft bgs) = 6.5
Capillary Rise (ft) = 0.5
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 6.5
Threshold Elevation (ft NAVD88) =

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

Last Updated: 5/23/2012
Preliminary Data