Monitoring Location
110

Reach = 4A
River Mile = 175.4
X = -120.5966 Y = 37.0389
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 15321
Reference Elevation (ft NAVD88) = 111.9
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Quarterly
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:
Well 115, San Juan Drain, Canal, Slough

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

Last Updated: 5/23/2012
Preliminary Data

Merced County
Left Bank
X = -120.5966 Y = 37.0389
Reference Elevation (ft NAVD88) = 111.9
Status = Existing
(Horizontal Datum is NAD83)
Reach = 4A  Merced County
River Mile = 176.4  Left Bank
X = -120.5993  Y = 37.0251  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 15081
Reference Elevation (ft NAVD88) = 113
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 - 11/29/2010
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Influences:
Arroyo canal

Root Depth (ft bgs) =
GS Buffer (ft) =
Screen Depth (ft bgs) = 8.9-17.9
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

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

Last Updated: 5/23/2012
Preliminary Data
**Monitoring Location 118**

**Reach:** 4A  
**River Mile:** 175.4  
**Merced County**  
**Left Bank**  
**X = -120.5804 Y = 37.0395**  
**Status = Existing**  
*(Horizontal Datum is NAD83)*

**Distance From River (ft):** 11304  
**Reference Elevation (ft NAVD88):** 114.3  
**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 - 11/29/2010  
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):** 7.8-16.8  
**Capillary Rise (ft):**  
**Historical GW level (ft bgs):** 50  
**Field Threshold (ft bgs):**  
**Threshold Elevation (ft NAVD88):**

**Influences:**  
Well 115, San Juan Drain, Canal, Slough

Last Updated: 5/23/2012  
Preliminary Data

* = assumed value  
bgs = below ground surface  
NR = not recorded
Reach = 4A  
River Mile = 176.4  
Merced County  
Left Bank  
X = -120.5814  
Y = 37.0264  
Status = Existing  
(Horizontal Datum is NAD83)  
Distance From River (ft) = 14575  
Reference Elevation (ft NAVD88) = 113.6  
Site = CCID Well  
Land Use =  
Protocol Reference = ATR App F Sec 2  
Agency = CCID  

Measurements:  
1. Type = Electronic Sounder Measurement  
Interval = Quarterly  
2. Type =  
Interval =  
Date Range =  
3. Type =  
Interval =  
Date Range =  

Description:  
CCID well, no threshold  

Influences:  
San Juan Drain, well  

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) =  

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

Last Updated: 5/23/2012  
Preliminary Data
Reach = 4A
River Mile = 179.5
Fresno County
Left Bank
X = -120.5805  Y = 37.0027
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 15725
Reference Elevation (ft NAVD88) = 117.6
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 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) = 8.1-17.1
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =
Influences:
Arroyo Canal

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

Preliminary Data
Last Updated: 5/24/2012
Monitoring Location
121

Reach = 4A
River Mile = 180
Fresno County
Left Bank
X = -120.5813  Y = 36.9961
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 10548
Reference Elevation (ft NAVD88) = 116.7
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) = 8.6-17.7
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: 5/24/2012
Preliminary Data
Monitoring Location
126

Reach = 4A  
River Mile = 181.9  
Left Bank
X = -120.5642  Y = 36.9815  
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 10495
Reference Elevation (ft NAVD88) = 118.3
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 - 11/29/2010
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:
Shafter Canal

Fresno County

Land Use =

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:
Shafter Canal

Last Updated: 5/23/2012
Preliminary Data

* = assumed value  
bgs = below ground surface  
NR = not recorded
Reach = 4A
River Mile = 180
Fresno County
X = -120.5632 Y = 36.9961
Left Bank
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 13515
Reference Elevation (ft NAVD88) = 117.5
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Quarterly
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:

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

Last Updated: 5/23/2012
Preliminary Data
Reach = 4A
River Mile = 179
Fresno County
Left Bank
X = -120.5632  Y = 37.0082
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 8512
Reference Elevation (ft NAVD88) = 115.9
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 - 11/29/2010
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) = 8.6-17.6
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Arroyo Canal, San Juan Drain

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

Last Updated: 5/23/2012
Preliminary Data
Reach = 4A  Fresno County
River Mile = 176.5  Left Bank
X = -120.5632  Y = 37.0253  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 5225
Reference Elevation (ft NAVD88) = 114.9
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Quarterly
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) = 8.2 -17.2
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =
Influences:
Santa Rita Canal

Last Updated: 5/23/2012
Preliminary Data
Reach = 4A
River Mile = 175.4
Left Bank
X = -120.5633  Y = 37.0398
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 6272
Reference Elevation (ft NAVD88) = 114.8
Site = CCID Well
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = CCID

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Quarterly
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 4
GS Buffer (ft) =
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) = 110.8

Influences:
Santa Rita Slough

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

Last Updated: 5/23/2012

V:\SJRRP\Monitoring Well Data\Atlas_GWR4A_Well_130.mxd
Reach = 4A
Fresno County
River Mile = 175.4
Left Bank
X = -120.5437  Y = 37.0400
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 1329
Reference Elevation (ft NAVD88) = 115.3
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 = 3/1/1983 - 9/27/2010
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) = 8.7-17.7
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 111.3

Influences:
Riverside Canal

Last Updated:
5/23/2012

Preliminary Data
Monitoring Location 132

Reach = 4A
River Mile = 176.5
Fresno County
Left Bank

X = -120.5450  Y = 37.0242  Status = Existing
(Horizontal Datum is NAD83)

Distance From River (ft)= 686
Reference Elevation (ft NAVD88) = 118

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 - 8/1/2009
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) = 7.8-16.8
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 114.0

Influences:
Riverside Canal

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

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

132A

Reach = 4A
Fresno County
River Mile = 176.5
Left Bank
X = -120.5461 Y = 37.0243
Status = Existing

(Horizontal Datum is NAD83)
Distance From River (ft)= 822
Reference Elevation (ft NAVD88) = 116.9
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 = Currently Unavailable
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) = 112.9

Influences:
Riverside Canal

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

Last Updated:
5/24/2012

Preliminary Data
Monitoring Location
133

Reach = 4A  Fresno County
River Mile = 177.4  Left Bank
X = -120.5428  Y = 37.0141  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 2522
Reference Elevation (ft NAVD88) = 117
Site = CCID Well
Land Use = Grain-Fallow
Protocol Reference = ATR App F Sec 2
Agency = CCID

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Quarterly
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) = 9.5-18.5
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 113.0

Influences:
San Juan Drain

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

Last Updated:
5/23/2012

Preliminary Data
Monitoring Location
134

Reach = 4A
River Mile = 180
Fresno County
Left Bank
X = -120.5449 Y = 36.9972
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 7103
Reference Elevation (ft NAVD88) = 117.6
Site = CCID Well
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = CCID

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Quarterly
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) = 8.2-17.2
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 113.6

Influences:
Canal, San Juan Drain

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

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

143

Reach = 4A
River Mile = 181
Fresno County
Left Bank
X = -120.5270 Y = 36.9956
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 5670
Reference Elevation (ft NAVD88) = 119.5
Site = CCID Well
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = CCID

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Quarterly
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 2.1
Screen Depth (ft bgs) = 8.1-17.1
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 113.4

Influences:
Arroyo Canal

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

Last Updated: 5/23/2012
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**Monitoring Location 144A**

Fresno County

River Mile = 178.332104769  Left Bank

X = -120.5314  Y = 37.0126  Status = Existing

*(Horizontal Datum is NAD83)*

Distance From River (ft) = 248

Reference Elevation (ft NAVD88) = 121.3

Site = CCID Well

Land Use =

Protocol Reference = ATR App F Sec 2

Agency = CCID

**Measurements:**

1. Type = Electronic Sounder Measurement
   
   Interval = Quarterly
   

2. Type =
   
   Interval =
   
   Date Range =

3. Type =
   
   Interval =
   
   Date Range =

**Description:**

2 inch ABS casing. CCID well, no threshold

Root Depth (ft bgs) =

GS Buffer (ft) = 2.1

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:**

Poso Canal, SJR

Last Updated: 5/23/2012

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* = assumed value

bgs = below ground surface

NR = not recorded

Preliminary Data
Monitoring Location 181

Reach = 4A               Merced County
River Mile = 173.9       Left Bank
X = -120.5999  Y = 37.0556  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 12884
Reference Elevation (ft NAVD88) = 114.4
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Quarterly
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) = 9.2-18.2
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Santa Rita Slough, Santa Rita Canal

Last Updated: 5/23/2012
Preliminary Data
Reach = 4A  Merced County
River Mile = 171.5  Left Bank
X = -120.5993  Y = 37.0686  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 10530
Reference Elevation (ft NAVD88) = 110.6
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) = 6.1-15.1
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Santa Rita Drain, well

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

Last Updated: 5/23/2012
Preliminary Data
Monitoring Location 183

Reach = 4A  
River Mile = 171.2  
Status = Existing  
(Horizontal Datum is NAD83)

Distance From River (ft) = 8216
Reference Elevation (ft NAVD88) = 107.8
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Measurements:
1. Type = Electronic Sounder Measurement  
   Interval = Quarterly  
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) = 7.4-16.4
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Santa Rita Ditch/Drain

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

Last Updated: 5/23/2012
Preliminary Data
## Monitoring Location 184

**Reach** = 4A  
**River Mile** = 168.9  
**Merced County**  
**Left Bank**  
**Status** = Existing  
**(Horizontal Datum is NAD83)**  
**Distance From River (ft)** = 5665  
**Reference Elevation (ft NAVD88)** = 104.2  
**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

### Influences:

- Drainage canals, Santa Rita Drain no. 1, slough

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**Root Depth (ft bgs)** =  
**GS Buffer (ft)** = 2.9  
**Screen Depth (ft bgs)** = 6.7-15.7  
**Capillary Rise (ft)** =  
**Historical GW level (ft bgs)** = 50  
**Field Threshold (ft bgs)** =  
**Threshold Elevation (ft NAVD88)** =

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**Groundwater**

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

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* = assumed value  
**bgs** = below ground surface  
**NR** = not recorded  
Preliminary Data
Monitoring Location
186A

Reach = 4A  Fresno County
River Mile = 171  Left Bank
X = -120.5819  Y = 37.0833  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 3570
Reference Elevation (ft NAVD88) = 108
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 = 11/1/1982 - 12/6/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 2.0
Screen Depth (ft bgs) = 9.0-18.0
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 3.5
Threshold Elevation (ft NAVD88) = 102.5

Influences:
Wood slough, Slough

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

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

187

Reach = 4A
River Mile = 173
Left Bank
X = -120.5812  Y = 37.0661  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 6448
Reference Elevation (ft NAVD88) = 108.5
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 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) =
GS Buffer (ft) = 0.3
Screen Depth (ft bgs) = 6.0-15.0
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Santa Rita canal

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

Last Updated:
5/23/2012
Preliminary Data

Merced County
San Joaquin River
Sand Slough Bypass
Control Structure
Sack Dam
X = -120.5812  Y = 37.0661
(X = Horizontal Datum is NAD83)
Distance From River (ft) = 6448
Reference Elevation (ft NAVD88) = 108.5
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = 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) =
GS Buffer (ft) = 0.3
Screen Depth (ft bgs) = 6.0-15.0
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Santa Rita canal

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

Last Updated:
5/23/2012
Preliminary Data
Monitoring Location 188A

Reach = 4A  |  River Mile = 173.5  |  Merced County
Left Bank  |  Status = Existing  |  (Horizontal Datum is NAD83)

Distance From River (ft) = 8270
Reference Elevation (ft NAVD88) = 112.4
Site = CCID Well
Land Use = UNMAPPED
Protocol Reference = ATR App F Sec 2
Agency = CCID

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Quarterly
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
CCID well, no threshold

Root Depth (ft bgd) = Needs More Info
GS Buffer (ft) =
Screen Depth (ft bgd) = 9.1-18.1
Capillary Rise (ft) =
Historical GW level (ft bgd) = 50
Field Threshold (ft bgd) =
Threshold Elevation (ft NAVD88) =

Influences:
Landing Strip

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

Last Updated: 5/23/2012
Preliminary Data
**Monitoring Location 189**

- **Reach**: 4A
- **River Mile**: 173.7
- **X**: -120.5576
- **Y**: 37.0552
- **Status**: Existing
- **Reference Elevation (ft NAVD88)**: 115.3
- **Protocol Reference**: ATR App F Sec 2
- **Agency**: CCID
- **Measurements**:
  1. **Type**: Electronic Sounder Measurement
     - **Interval**: Quarterly
     - **Date Range**: Currently Unavailable
  2. **Type**: Electronic Sounder Measurement
     - **Interval**: Quarterly
     - **Date Range**: Currently Unavailable
  3. **Type**: Electronic Sounder Measurement
     - **Interval**: Quarterly
     - **Date Range**: Currently Unavailable
- **Description**: CCID well, no threshold
- **Influences**: Riverside Canal

**Site Information**

- **Site**: CCID Well
- **Land Use**: Tomato
- **Root Depth (ft bgs)**: 3.0
- **GS Buffer (ft)**: 3
- **Screen Depth (ft bgs)**: 7.0-16.0
- **Field Threshold (ft bgs)**: 3
- **Threshold Elevation (ft NAVD88)**: 112.3

**Groundwater**

- **Influences**: Riverside Canal
- **Groundwater**

**Last Updated**: 5/24/2012

**Preliminary Data**
Monitoring Location 190

- **Reach**: 4A
- **Merced County**
- **River Mile**: 172.7
- **Left Bank**
- **X**: -120.5630
- **Y**: 37.0689
- **Status**: Existing
- **(Horizontal Datum is NAD83)**
- **Distance From River (ft)**: 1993
- **Reference Elevation (ft NAVD88)**: 113.3
- **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**: 8/1/2009 - 9/27/2010
2. **Type**:
   - **Interval**:
   - **Date Range**:
3. **Type**:
   - **Interval**:
   - **Date Range**:

**Description:**
CCID well, no threshold

**Influences:**
Well, Riverside Canal, Canal

**Root Depth (ft bgs)**: 4.0
**GS Buffer (ft)**: 
**Screen Depth (ft bgs)**: 9.1-18.1
**Capillary Rise (ft)**: 
**Historical GW level (ft bgs)**: 50
**Field Threshold (ft bgs)**: 4
**Threshold Elevation (ft NAVD88)**: 109.3

**In Preliminary Data**

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

Last Updated: 5/23/2012
Monitoring Location 191

- Reach = 4A
- River Mile = 171.1
- Left Bank
- X = -120.5721 Y = 37.0854
- Status = Existing
- (Horizontal Datum is NAD83)
- Distance From River (ft) = 623
- Reference Elevation (ft NAVD88) = 110.9
- 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 = 3/1/1983 - 12/6/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

- Root Depth (ft bgs) = 4.0
- GS Buffer (ft) = 2.9
- Screen Depth (ft bgs) = 7.9-16.9
- Capillary Rise (ft) = 1.0*
- Historical GW level (ft bgs) = 50
- Field Threshold (ft bgs) = 5
- Threshold Elevation (ft NAVD88) = 103.0

Influences:
- Riverside Canal

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

Last Updated: 5/23/2012

V:\SJRRP\Monitoring Well Data\Atlas_GWRA4A_Well_191.mxd
Reach = 4A  Fresno County
River Mile = 181.4  Left Bank
X = -120.5024  Y = 36.9922  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 250
Reference Elevation (ft NAVD88) = 125.9
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) = 6.6-15.6
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) =
Threshold Elevation (ft NAVD88) =

Influences:
Riverside Canal

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

Last Updated: 5/24/2012
Preliminary Data
Monitoring Location 385

Reach = 4A  Merced County
River Mile = 173.1  Left Bank
X = -120.5568  Y = 37.0654  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 159
Reference Elevation (ft NAVD88) = 113.3
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 = Not Available
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

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) = 109.3

Influences:
Riverside Canal, SJR

Last Updated: 5/24/2012

* = assumed value
bgs = below ground surface
NR = not recorded
Preliminary Data
Monitoring Location 386

Reach = 4A
River Mile = 172.2
Merced County
Left Bank
X = -120.5584 Y = 37.0750
Status = Existing

*Horizontal Datum is NAD83*
Distance From River (ft)= 203
Reference Elevation (ft NAVD88) = 110.9
Site = CCID Well
Land Use =
Protocol Reference = ATR App F Sec 2
Agency = CCID

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Quarterly
   Date Range = Not Available
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:
Riverside Canal, SJR

**In Preliminary:**

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

**Last Updated:**
5/24/2012

**V:\SJRRP\Monitoring Well Data\Atlas_GWR4A_Well_386.mxd**
Reach = 4A
River Mile = 171.5
River = San Joaquin River
Merced County
Office = Left Bank
X = -120.5661  Y = 37.0806
Status = Existing

(Horizontal Datum is NAD83)
Distance From River (ft bgs) = 241
Reference Elevation (ft NAVD88) = 109.4
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:

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:
Riverside Canal, SJR

Last Updated:
5/24/2012

Preliminary Data

* = assumed value
bgs = below ground surface
NR = not recorded
Monitoring Location 388

Reach = 4A
River Mile = 172
X = -120.5662 Y = 37.0726
Distance From River (ft) = 1642
Reference Elevation (ft NAVD88) = 112.935

Site = CCID Well
Land Use = Cotton
Agency = CCID
Protocol Reference = ATR App F Sec 2

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

Description:
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) = 110.9

Influences:
Drain

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

Last Updated: 5/24/2012
Preliminary Data
Monitoring Location 389

Reach = 4A
River Mile = 171.8
Left Bank
X = -120.5703  Y = 37.0769  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 1914
Reference Elevation (ft NAVD88) = 111.668
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 = Not Available
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

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) = 109.5

Influences:
Drain

=bgs = below ground surface
NR = not recorded
Preliminary Data

Last Updated:
5/24/2012

V:\SJRRP\Monitoring Well Data\Atlas_GW\R4A_Well_389.mxd
Reach = 4A
River Mile = 171.2
Left Bank
X = -120.5723  Y = 37.0829  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 1277
Reference Elevation (ft NAVD88) = 110.337
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 = Currently Unavailable
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:

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) = 108.5

Influences:
Wood Slough

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

Preliminary Data

Last Updated: 5/24/2012
Monitoring Location
MW-09-83

Reach = 4A
Merced County
River Mile = 173.9
Right Bank
X = -120.5391 Y = 37.0663
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 4499
Reference Elevation (ft NAVD88) = 114.8
Site = Hwy. 152
Land Use = Public Land
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 11/17/2009 - 1/6/2012
2. Type = Datalogger
   Interval = Hourly
   Date Range = 11/20/2009 - 2/28/2011
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) = 51.5 - 61.5
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 109.8

Influences:
-

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

Last Updated: 5/23/2012
Preliminary Data

MW-09-83

MW-09-83B
Monitoring Location
MW-09-83B

MW-09-83

MW-09-83B

Reach = 4A
Merced County
River Mile = 173.9
Right Bank
X = -120.5391 Y = 37.0663 Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 4492
Reference Elevation (ft NAVD88) = 115
Site = Hwy. 152
Land Use = Public Land
Protocol Reference = ATR App F Sec 2
Agency = USBR
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 2/28/2011 - 1/6/2012
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM

Influences:

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 0.0*
Screen Depth (ft bgs) = 22.5 - 42.5
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 110.0

Last Updated: 5/23/2012

* = assumed value
bgs = below ground surface
NR = not recorded
Preliminary Data
Monitoring Location
MW-09-84

Reach = 4A
River Mile = 173.9
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 822
Reference Elevation (ft NAVD88) = 115.8
Site = Hwy. 152
Land Use = Public Land
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Weekly - Priority
   Date Range = 10/29/2009 - 1/6/2012
2. Type = Datalogger
   Interval = Hourly
   Date Range = 11/19/2009 - 2/28/2011
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 3.4
Screen Depth (ft bgs) = 32.0 - 52.0
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 107.4

Influences:

Last Updated: 5/23/2012

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

**MW-09-85**

- **Reach**: 4A
- **River Mile**: 173.9
- **River**: San Joaquin River
- **X**: -120.5492
- **Y**: 37.0564 (Horizontal Datum is NAD83)
- **Site**: Hwy. 152
- **Distance From River (ft)**: 252
- **Reference Elevation (ft NAVD88)**: 120.8
- **Screen Depth (ft bgs)**: 52.0 - 82.0
- **Field Threshold (ft bgs)**: 5
- **Threshold Elevation (ft NAVD88)**: 108.7
- **Root Depth (ft bgs)**: 4.0
- **GS Buffer (ft)**: 7.1
- **Capillary Rise (ft)**: 1.0
- **Historical GW level (ft bgs)**: 50
- **Influences**: SJR
- **Status**: Existing
- **River Mile**: 173.9
- **Protocol Reference**: ATR App F Sec 2
- **Agency**: USBR
- **Last Updated**: 5/23/2012

**Measurements:**
1. **Type**: Electronic Sounder Measurement
   - **Interval**: Monthly
   - **Date Range**: 10/29/2009 - 1/6/2012
2. **Type**: Datalogger
   - **Interval**: Hourly
   - **Date Range**: 11/19/2009 - 2/28/2011
3. **Interval**: 

**Description:**
2 inch PVC casing FM

**Screen Depth**: 52.0 - 82.0 ft bgs

**Capillary Rise**: 1.0 ft

**Historical GW Level**: 50 ft bgs

**Field Threshold**: 5 ft bgs

**Threshold Elevation**: 108.7 ft NAVD88

**Influences**: SJR

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

**Agency**: USBR

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

**Preliminary Data**
Monitoring Location

MW-09-85B

Site = Hwy. 152
Land Use = Public Land
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 2/25/2010 - 1/6/2012
2. Type = Datalogger
   Interval = Hourly
   Date Range = 11/19/2009 - 2/28/2011
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 6.9
Screen Depth (ft bgs) = 9.5 - 29.5
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 108.7

Influences:
SJR

Reach = 4A
River Mile = 173.9
X = -120.5493  Y = 37.0564
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 252
Reference Elevation (ft NAVD88) = 120.6
Site = Hwy. 152
Land Use = Public Land
Protocol Reference = ATR App F Sec 2
Agency = USBR

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 6.9
Screen Depth (ft bgs) = 9.5 - 29.5
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 108.7

Influences:
SJR

Last Updated:
5/23/2012

Preliminary Data

* = assumed value
bgs = below ground surface
NR = not recorded
Reach = 4A  Merced County
River Mile = 173.9  Left Bank
X = -120.5506  Y = 37.0556  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 251
Reference Elevation (ft NAVD88) = 121
Site = Hwy. 152
Land Use = Public Land
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 11/17/2009 - 1/6/2012
2. Type = Datalogger
   Interval = Hourly
   Date Range = 2/17/2010 - 2/28/2011
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 8.0
Screen Depth (ft bgs) = 52.0 - 72.0
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 108.0

Influences:
SJR

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

Preliminary Data

Last Updated: 5/23/2012
V:\SJJRP\Monitoring Well Data\Atlas_GWRA\Well_MW0986.mxd
Monitoring Location
MW-09-86B

Reach = 4A
River Mile = 173.9
X = -120.5506 Y = 37.0555
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 249
Reference Elevation (ft NAVD88) = 120.9
Site = Hwy. 152
Land Use = Public Land
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 4/8/2010 - 1/6/2012
2. Type = Datalogger
   Interval = Hourly
   Date Range = 4/23/2010 - 10/21/2010
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 7.9
Screen Depth (ft bgs) = 14.5 - 24.5
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 108.0

Influences:
SJR

Last Updated:
5/23/2012
Preliminary Data
Monitoring Location
MW-09-87

Reach = 4A
River Mile = 173.9
Left Bank
X = -120.5539 Y = 37.0542
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 1332
Reference Elevation (ft NAVD88) = 115.03
Site = Hwy. 152
Land Use = Public Land
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 11/17/2009 - 1/6/2012
2. Type = Datalogger
   Interval = Hourly
   Date Range = 11/20/2009 - 2/28/2011
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing FM

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 2.0
Screen Depth (ft bgs) = 37.0 - 47.0
Capillary Rise (ft) = 0.5
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4.5
Threshold Elevation (ft NAVD88) = 108.6

Influences:
-

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

Last Updated:
5/23/2012

Preliminary Data
Monitoring Location
MW-09-88

Reach = 4A
River Mile = 173.9
Left Bank
X = -120.5717  Y = 37.0515
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 6013
Reference Elevation (ft NAVD88) = 112
Site = Hwy. 152
Land Use = Public Land
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) = 4.0
GS Buffer (ft) = 2.2
Screen Depth (ft bgs) = 25.0 - 45.0
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 104.8

Influences:
-

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

Last Updated: 5/24/2012
Preliminary Data
Monitoring Location
MW-10-115

Reach = 4A
River Mile = 170
X = -120.6174 Y = 37.0686
(Horizontal Datum is NAD83)
Left Bank
Status = Existing

Site = Roxbury Road
Land Use = Assumed Annual Crop
Protocol Reference = ATR App F Sec 2
Agency = USBR

Screen Depth (ft bgs) = 15.0 - 30.0
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 102.5

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 0.0*
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50

Description:
2 inch PVC casing FM

Influences:
Drain

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

Last Updated: 5/24/2012

V:\SJRRP\Monitoring Well Data\Atlas_GW\R4A_Well_MW10115.mxd

Preliminary Data
Monitoring Location
MW-10-116

Reach = 4A
River Mile = 170
River = San Joaquin River
X = -120.5647 Y = 37.1278
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 4971
Reference Elevation (ft NAVD88) = 104.68
Site = El Nido Road
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

Influences:

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) = 99.5

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

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

**MW-10-188**

- **River Mile**: 176.175455
- **Status**: Existing
- **Reach**: 4A
- **Land Use**: Cotton
- **Site**: TBD
- **Root Depth (ft bgs)**: 4.0
- **GS Buffer (ft)**: 2.1
- **Screen Depth (ft bgs)**: 8.6 - 13.6
- **Capillary Rise (ft)**: 1.0
- **Historical GW level (ft bgs)**: 50
- **Field Threshold (ft bgs)**: 5
- **Threshold Elevation (ft NAVD88)**: 109.8
- **Influences**: Canal, SJR
- **Date Range**: 6/2/2010 - 1/6/2012
- **Interval**: Monthly
- **Type**: Electronic Sounder Measurement

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**MW-11-162**

- **Site**: TBD
- **Land Use**: Cotton
- **Status**: Existing
- **Reach**: 4A
- **Root Depth (ft bgs)**: 4.0
- **GS Buffer (ft)**: 2.1
- **Screen Depth (ft bgs)**: 8.6 - 13.6
- **Capillary Rise (ft)**: 1.0
- **Historical GW level (ft bgs)**: 50
- **Field Threshold (ft bgs)**: 5
- **Threshold Elevation (ft NAVD88)**: 109.8
- **Influences**: Canal, SJR
- **Date Range**: 6/2/2010 - 1/6/2012
- **Interval**: Monthly
- **Type**: Electronic Sounder Measurement

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**MW-10-89**

- **Site**: TBD
- **Land Use**: Cotton
- **Status**: Existing
- **Reach**: 4A
- **Root Depth (ft bgs)**: 4.0
- **GS Buffer (ft)**: 2.1
- **Screen Depth (ft bgs)**: 8.6 - 13.6
- **Capillary Rise (ft)**: 1.0
- **Historical GW level (ft bgs)**: 50
- **Field Threshold (ft bgs)**: 5
- **Threshold Elevation (ft NAVD88)**: 109.8
- **Influences**: Canal, SJR
- **Date Range**: 6/2/2010 - 1/6/2012
- **Interval**: Monthly
- **Type**: Electronic Sounder Measurement

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**132A**

- **Site**: TBD
- **Land Use**: Cotton
- **Status**: Existing
- **Reach**: 4A
- **Root Depth (ft bgs)**: 4.0
- **GS Buffer (ft)**: 2.1
- **Screen Depth (ft bgs)**: 8.6 - 13.6
- **Capillary Rise (ft)**: 1.0
- **Historical GW level (ft bgs)**: 50
- **Field Threshold (ft bgs)**: 5
- **Threshold Elevation (ft NAVD88)**: 109.8
- **Influences**: Canal, SJR
- **Date Range**: 6/2/2010 - 1/6/2012
- **Interval**: Monthly
- **Type**: Electronic Sounder Measurement

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**132**

- **Site**: TBD
- **Land Use**: Cotton
- **Status**: Existing
- **Reach**: 4A
- **Root Depth (ft bgs)**: 4.0
- **GS Buffer (ft)**: 2.1
- **Screen Depth (ft bgs)**: 8.6 - 13.6
- **Capillary Rise (ft)**: 1.0
- **Historical GW level (ft bgs)**: 50
- **Field Threshold (ft bgs)**: 5
- **Threshold Elevation (ft NAVD88)**: 109.8
- **Influences**: Canal, SJR
- **Date Range**: 6/2/2010 - 1/6/2012
- **Interval**: Monthly
- **Type**: Electronic Sounder Measurement

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**132**

- **Site**: TBD
- **Land Use**: Cotton
- **Status**: Existing
- **Reach**: 4A
- **Root Depth (ft bgs)**: 4.0
- **GS Buffer (ft)**: 2.1
- **Screen Depth (ft bgs)**: 8.6 - 13.6
- **Capillary Rise (ft)**: 1.0
- **Historical GW level (ft bgs)**: 50
- **Field Threshold (ft bgs)**: 5
- **Threshold Elevation (ft NAVD88)**: 109.8
- **Influences**: Canal, SJR
- **Date Range**: 6/2/2010 - 1/6/2012
- **Interval**: Monthly
- **Type**: Electronic Sounder Measurement

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**Groundwater**

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

* = assumed value
bgs = below ground surface
NR = not recorded
Preliminary Data
Monitoring Location
MW-10-80

Reach = 4A
Madera County
River Mile = 179.9
Right Bank
X = -120.5081  Y = 37.0018
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 109
Reference Elevation (ft NAVD88) = 124.9
Site = TBD
Land Use = Grain-Fallow
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 = 4/27/2010 - 8/15/2011
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing AG

Influences:
SJR

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 5.1
Screen Depth (ft bgs) = 10-25
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 114.8

Last Updated: 5/23/2012
Prepared By: Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GWR4A_Well_MW1080.mxd

* = assumed value
bgs = below ground surface
NR = not recorded
Monitoring Location
MW-10-89

Reach = 4A
River Mile = 176.4
X = -120.5444  Y = 37.0280
Status = Existing

Distance From River (ft) = 236
Reference Elevation (ft NAVD88) = 118.8
Site = TBD
Land Use = Almond
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Weekly - Priority
   Date Range = 4/14/2010 - 11/4/2011
2. Type = Realtime - W89
   Interval = Hourly
   Date Range = 5/10/2010 - 8/15/2011
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing AG

Root Depth (ft bgs) = 9.0
GS Buffer (ft) = 3.4
Screen Depth (ft bgs) = 10-25
Capillary Rise (ft) = 0.5
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 7.6
Threshold Elevation (ft NAVD88) = 107.8

Influences:
SJR

Last Updated:
5/23/2012
V:\SJRRP\Monitoring Well Data\Atlas_GWR4A_Well_MW1089.mxd
Monitoring Location
MW-10-91

Reach = 4A  Merced County
River Mile = 168.9  Left Bank
X = -120.5895  Y = 37.1064  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 338
Reference Elevation (ft NAVD88) = 107.2
Site = San Juan Ranch
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 4/13/2010 - 12/6/2011
2. Type = Datalogger
   Interval = Hourly
   Date Range = 4/27/2010 - 1/20/2012
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing AG

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 3.7
Screen Depth (ft bgs) = 12.8 - 27.8
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 98.5

Influences:
Riverside Canal, SJR

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

Last Updated: 5/23/2012
Preliminary Data
Monitoring Location
MW-10-93

San Joaquin River
Reach = 4A
River Mile = 168.9
Left Bank
X = -120.5940  Y = 37.1024
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 2254
Reference Elevation (ft NAVD88) = 105.4
Site = San Juan Ranch
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly
   Date Range = 4/13/2010 - 12/6/2011
2. Type = Datalogger
   Interval = Hourly
   Date Range = 4/27/2010 - 1/20/2012
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing AG

Influences:
Slough

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 2.2
Screen Depth (ft bgs) = 8.5 - 23.5
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 98.2

* = assumed value
bgs = below ground surface
NR = not recorded
Preliminary Data
Last Updated: 5/23/2012
V:\SJRRP\Monitoring Well Data\Atlas_GWR4A_Well_MW1093.mxd
监测位置：MW-11-130

监控位置

- 监测点 MW-11-130
- 监测点 MW-11-132
- 监测点 MW-10-80

- 地下水

监测点 MW-11-130
- 监测点类型：电子声纳测量
- 间隔： weekly

- 监测点类型：实时 - 130
- 间隔： hourly

- 监测点类型
- 间隔
- 日期范围

描述：
2英寸PVC套管，地面以上

影响因素：
未衬砌的头部水沟

- 根深度（ft bgs）= 4.0
- GS缓冲（ft）= 0.0
- 筛深（ft bgs）= 5.0-15.0
- 毛管上升（ft）= 1.0
- 历史性GW水平（ft bgs）= 50
- 字阈值（ft bgs）= 5
- 字阈值水平（ft NAVD88）= 117.0

- 假设值：
- bgs = 地面以下
- NR = 未记录

- 最后更新：5/23/2012
- 参考文献：PATR App F Sec 2
- 前沿数据

- 收录于：V:\SJRRP\Monitoring Well Data\Atlas_GW\R4A_Well_MW11130.mxd

- 地理坐标：X = -120.5149 Y = 36.9982

- 地形参照：NAD83
**Monitoring Location**

**MW-11-131**

- **Reach**: 4A
- **Fresno County**
- **River Mile**: 180
- **Left Bank**
- **X**: -120.5117  
  **Y**: 36.9987
- **Status**: Existing
- **(Horizontal Datum is NAD83)**
- **Distance From River (ft)**: 1107
- **Reference Elevation (ft NAVD88)**: 121.961
- **Site**: Home Ranch
- **Land Use**: Tomato
- **Protocol Reference**: ATR App F Sec 2
- **Agency**: USBR

**Measurements:**

1. **Type**: Electronic Sounder Measurement  
   **Interval**: Weekly  
   **Date Range**: 6/2/2011 - 11/16/2011
2. **Type**: Datalogger  
   **Interval**: Hourly  
   **Date Range**: 6/10/2011 - 11/16/2011
3. **Type**:  
   **Interval**:  
   **Date Range**:

**Description:**

2 inch PVC casing, above ground

**Influences:**

Unlined Open Drain, Poso Canal

**Root Depth (ft bgs)**: 3.0  
**GS Buffer (ft)**: 0.0  
**Screen Depth (ft bgs)**: 12.5-27.5  
**Capillary Rise (ft)**: 1.0  
**Historical GW level (ft bgs)**: 50  
**Field Threshold (ft bgs)**: 4  
**Threshold Elevation (ft NAVD88)**: 118.0

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

**Preliminary Data**
Monitoring Location

MW-11-132

San Joaquin River

Reach = 4A
River Mile = 180
Fresno County
Left Bank
X = -120.5104 Y = 37.0001
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 564
Reference Elevation (ft NAVD88) = 123.781
Site = Home Ranch
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Weekly
   Date Range = 6/2/2011 - 11/16/2011
2. Type = Datalogger
   Interval = Hourly
   Date Range = 6/10/2011 - 11/16/2011
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing, above ground

Influences:
Unlined Head ditch, Poso Canal, SJR

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 0.0
Screen Depth (ft bgs) = 10-25
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 118.8

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

Last Updated: 5/23/2012
Preliminary Data
Monitoring Location
MW-11-133

Reach = 4A
River Mile = 180
Fresno County
Left Bank
X = -120.5310  Y = 36.9983
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 5193
Reference Elevation (ft NAVD88) = 119.101
Site = Home Ranch
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Weekly
   Date Range = 6/2/2011 - 11/16/2011
2. Type = Datalogger
   Interval = Hourly
   Date Range = 6/10/2011 - 11/16/2011
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing, above ground

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 0.0
Screen Depth (ft bgs) = 14.4-29.4
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 114.1

Influences:
Open Drain, Unlined Tailwater ditch, Arroyo canal

Last Updated: 5/23/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_GW\R4A_Well_MW11133.mxd
Monitoring Location
MW-11-134

Reach = 4A
Fresno County
River Mile = 177.4
Left Bank
X = -120.5388  Y = 37.0162
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 1338
Reference Elevation (ft NAVD88) =
Site = Home Ranch
Land Use = Grain-Fallow
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Weekly
   Date Range = 6/2/2011 - 11/16/2011
2. Type = Datalogger
   Interval = Hourly
   Date Range = 6/10/2011 - 11/16/2011
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing, flush mounted (9/16" hex)

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 0.0
Screen Depth (ft bgs) = 9.0-24.0
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 112.2

Influences:
San Juan Drain no. 4

Groundwater

Last Updated: 5/23/2012
Preliminary Data
Monitoring Location
MW-11-135

Reach = 4A
Fresno County
River Mile = 177.4
Left Bank
X = -120.5407  Y = 37.0155
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 1711
Reference Elevation (ft NAVD88) = 119.118
Site = Home Ranch
Land Use = Grain-Fallow
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Weekly
   Date Range = 6/2/2011 - 11/16/2011
2. Type = Datalogger
   Interval = Hourly
   Date Range = 6/10/2011 - 11/16/2011
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing, above ground

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) = 114.1

Influences:
San Juan Drain no. 5

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

Last Updated: 5/23/2012
Preliminary Data
Monitoring Location
MW-11-136

Reach = 4A
River Mile = 177.4
Fresno County
Left Bank
X = -120.5450  Y = 37.0150
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 2695
Reference Elevation (ft NAVD88) =
Site = Home Ranch
Land Use = Grain-Fallow
Protocol Reference = ATR App F Sec 2
Agency = USBR

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Weekly
   Date Range = 6/2/2011 - 11/16/2011
2. Type = Datalogger
   Interval = Hourly
   Date Range = 6/10/2011 - 11/16/2011
3. Type =
   Interval =
   Date Range =

Description:
2 inch PVC casing, flush mounted (5/16" Allen)

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 0.0
Screen Depth (ft bgs) = 10.0-20.0
Capillary Rise (ft) = 1.0
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 111.7

Influences:
Drainage ditch (dry), San Juan Drain no. 6

Last Updated: 5/23/2012

* = assumed value
bgs = below ground surface
NR = not recorded
Preliminary Data
Monitoring Location
MW-11-148

Reach = 4A
River Mile = Left Bank
X = -120.5674  Y = 37.0696  Status = (Horizontal Datum is NAD83)
Distance From River Centerline (ft) =
Reference Elevation (ft NAVD88) = 111.212
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:

Last Updated: 5/24/2012
Preliminary Data
Monitoring Location
MW-11-149

Reach = 4A
River Mile = Left Bank
X = -120.5568  Y = 37.0654  Status =
(Horizontal Datum is NAD83)
Distance From River Centerline (ft) =
Reference Elevation (ft NAVD88) = 113.566
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-11-162**

**Reach = 4A**  
**Madera County**

**River Mile =**  
**Right Bank**

**X = -120.5370**  
**Y = 37.0287**  
**Status =**

*(Horizontal Datum is NAD83)*

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

**Reference Elevation (ft NAVD88) = 115.659**

**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**

**V:\SJRRP\Monitoring Well Data\Atlas_GWR4A_Well_MW11162.mxd**
Monitoring Location

SJR W-10

Root Depth (ft bgs) = 3.0
GS Buffer (ft) = 1.8
Screen Depth (ft bgs) =
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 3.94
Threshold Elevation (ft NAVD88) = 101.0

Influences:
Wood Slough

Description:

Last Updated: 5/23/2012
Preliminary Data

* = assumed value
bgs = below ground surface
NR = not recorded
Monitoring Location
SJR W-11

Reach = 4A
River Mile = 170.4
Left Bank
X = -120.5740 Y = 37.0922
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 216
Reference Elevation (ft NAVD88) = 108.23
Site = San Juan Ranch - NFF
Land Use = Tomato
Protocol Reference = ATR App F Sec 2
Agency = NFF
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly by USBR
   Date Range = 8/26/2010 - 12/6/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
Root Depth (ft bgs) = 3.0
GS Buffer (ft) = 1.8
Screen Depth (ft) =
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 102.4

Influences:
Riverside Canal, SJR

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

Last Updated:
5/23/2012
Preliminary Data
Monitoring Location
SJR W-12

Reach = 4A
River Mile = 169.6
Status = Existing

(Specific data and locations are provided in the text)

Influences:
Wood Slough

Last Updated: 5/23/2012

Preliminary Data
**Monitoring Location**

**SJR W-4**

**Reach:** 4A  
**River Mile:** 169.3  
**Left Bank:** Merced County  
**Site:** San Juan Ranch - NFF  
**Status:** Existing  

**Influences:** Riverside Canal, SJR  

**Distance From River (ft):** 1,174  
**Screen Depth (ft bgs):**  
**Field Threshold (ft bgs):**  
**Threshold Elevation (ft NAVD88):** 101.2

**Date Range:** 8/17/2010 - 12/6/2011  
**Interval:** Monthly by USBR  
**Type:** Electronic Sounder Measurement

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

**Land Use:** Tomato  
**Protocol Reference:** ATR App F Sec 2  
**Agency:** NFF

**Root Depth (ft bgs):** 3.0  
**GS Buffer (ft):** 1.1  
**Historical GW level (ft bgs):** 50

**Capillary Rise (ft):** 1.0*  
**Historical GW level (ft bgs):** 50

**Field Threshold (ft bgs):** 4  
**Threshold Elevation (ft NAVD88):** 101.2

---

* = assumed value  

bgs = below ground surface  
NR = not recorded  

**Preliminary Data**  

Last Updated: 5/23/2012
Monitoring Location
SJR W-5

Reach = 4A
Fresno County
River Mile = 168.1
Left Bank
X = -120.5991 Y = 37.1115
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 1080
Reference Elevation (ft NAVD88) = 103.42
Site = San Juan Ranch - NFF
Land Use = Tomato
Protocol Reference = ATR App F Sec 2
Agency = NFF
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly by USBR
   Date Range = 8/17/2010 - 12/6/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
Root Depth (ft bgs) = 3.0
GS Buffer (ft) = 1.9
Screen Depth (ft bgs) =
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 97.5

Influences:
Drain No. Two

* = assumed value
bgs = below ground surface
NR = not recorded
Preliminary Data
Last Updated: 5/23/2012
Monitoring Location

SJR W-6

Reach = 4A
Fresno County
River Mile = 168.6
Left Bank
X = -120.5976  Y = 37.1094
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 1324
Reference Elevation (ft NAVD88) = 105.65
Site = San Juan Ranch - NFF
Land Use = Tomato
Protocol Reference = ATR App F Sec 2
Agency = NFF
Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly by USBR
   Date Range = 8/17/2010 - 12/6/2011
2. Type =  
   Interval =  
   Date Range =  
3. Type =  
   Interval =  
   Date Range =  

Description:

Root Depth (ft bgs) = 3.0
GS Buffer (ft) = 4.4
Screen Depth (ft bgs) = 
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 40
Threshold Elevation (ft NAVD88) = 97.3

Influences:
Riverside Canal, Drain No. 2

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

**SJR W-7**

- **Reach** = 4A
- **Fresno County**
- **River Mile** = 168.6
- **Left Bank**
- **X = -120.5922 Y = 37.1096**
- **Status** = Existing
- **(Horizontal Datum is NAD83)**
- **Distance From River (ft)** = 573
- **Reference Elevation (ft NAVD88)** = 106.99
- **Site** = San Juan Ranch - NFF
- **Land Use** = Tomato
- **Protocol Reference** = ATR App F Sec 2
- **Agency** = NFF

**Measurements:**

1. **Type** = Electronic Sounder Measurement
   - **Interval** = Monthly by USBR
   - **Date Range** = 8/17/2010 - 12/6/2011

2. **Type** =
   - **Interval** =
   - **Date Range** =

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

**Description:**

- **Root Depth (ft bgs)** = 3.0
- **GS Buffer (ft)** = 4.0
- **Screen Depth (ft bgs)** =
- **Capillary Rise (ft)** = 1.0*
- **Historical GW level (ft bgs)** = 50
- **Field Threshold (ft bgs)** = 4
- **Threshold Elevation (ft NAVD88)** = 99.0

**Influences:**

- **Riverside Canal, SJR**

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

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

**Preliminary Data**
Monitoring Location
SJR W-8

Reach = 4A
River Mile = 170.1
Left Bank
X = -120.5856  Y = 37.0883  Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft)= 3558
Reference Elevation (ft NAVD88) = 108.88
Site = San Juan Ranch - NFF
Land Use = Cotton
Protocol Reference = ATR App F Sec 2
Agency = NFF

Measurements:
1. Type = Electronic Sounder Measurement
Interval = Monthly by USBR
Date Range = 8/17/2010 - 12/6/2011
2. Type =
Interval =
Date Range =
3. Type =
Interval =
Date Range =

Description:
Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 3.4
Screen Depth (ft bgs) =
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 5
Threshold Elevation (ft NAVD88) = 100.5

Influences:
Slough, Wood Slough

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

Last Updated: 5/23/2012
Preliminary Data
Monitoring Location
SJRW-9

Reach = 4A
River Mile = 170
Left Bank
X = -120.5835  Y = 37.0925
Status = Existing
(Horizontal Datum is NAD83)
Distance From River (ft) = 2114
Reference Elevation (ft NAVD88) = 105.07
Site = San Juan Ranch - NFF
Land Use = Tomato
Protocol Reference = ATR App F Sec 2
Agency = NFF

Measurements:
1. Type = Electronic Sounder Measurement
   Interval = Monthly by USBR
   Date Range = 8/26/2010 - 12/6/2011
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
Root Depth (ft bgs) = 3.0
GS Buffer (ft) = 1.1
Screen Depth (ft bgs) =
Capillary Rise (ft) = 1.0*
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = 100.0

Influences:
Wood Slough

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

Last Updated:
5/23/2012

V:\SJRRP\Monitoring Well Data\Atlas_GWR4A_Well_SJR W9.mxd
Monitoring Location
SJRSB1

Reach = 4A
River Mile = 170
Left Bank
X = -120.5790  Y = 37.0947
Status = Tmp-Decom
(Horizontal Datum is NAD83)
Distance From River (ft)= 599
Reference Elevation (ft NAVD88) = 107.75
Site = San Juan Ranch
Land Use = Cotton
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:
Hand Augered, temporary, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 3.7
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = TBD

Influences:
Riverside Canal, SJR

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

Last Updated: 5/24/2012

V:\SJRRP\Monitoring Well Data\Atlas_GWR4A_Well_SJRSB1.mxd
Monitoring Location
SJRSB2

Reach = 4A  Merced County
River Mile = 170  Left Bank
X = -120.5789  Y = 37.0980  Status = Tmp-Decom
(Horizontal Datum is NAD83)
Distance From River (ft) = 396
Reference Elevation (ft NAVD88) = 105.38

Site = San Juan Ranch
Land Use = Cotton
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:
Hand Augered, temporary, no threshold

Root Depth (ft bgs) = 4.0
GS Buffer (ft) = 1.1
Screen Depth (ft bgs) =
Capillary Rise (ft) =
Historical GW level (ft bgs) = 50
Field Threshold (ft bgs) = 4
Threshold Elevation (ft NAVD88) = TBD

Influences:
Riverside Canal, SJR

Last Updated:
5/24/2012

V:\SJRRP\Monitoring Well Data\Atlas_GWR4A_Well_SJRSB2.mxd

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

Reach 4B1

Preliminary Data