

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 11/04/2014 11/04/2014 | Matthew Hoffman |

| | | | | | |
|---|----------------------------------|--------------|------------------------|------------|-----------|
| LM Start | | Rating ** | A | Issue No. | 18 |
| LM End | | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Operations & Maintenance Manuals | | ° | ° | ° |
| | | | ° | ° | ° |
| DWR ID | DWR_RD1000_01_f_2014_18 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: RD 1000 has a copy of the O&M manuals at their district office. | | | | | |

No Photos

| | | | | | |
|---|--------------------------------|--------------|------------------------|------------|-----------|
| LM Start | | Rating ** | A | Issue No. | 24 |
| LM End | | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Emergency Supplies & Equipment | | ° | ° | ° |
| | | | ° | ° | ° |
| DWR ID | DWR_RD1000_01_f_2014_24 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: RD 1000 has flood fight supplies on hand at their equipment yard located near Unit 4. | | | | | |

No Photos

| | | | | | |
|--|-------------------------------|--------------|------------------------|------------|-----------|
| LM Start | | Rating ** | A | Issue No. | 39 |
| LM End | | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Flood Preparedness & Training | | ° | ° | ° |
| | | | ° | ° | ° |
| DWR ID | DWR_RD1000_01_f_2014_39 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: RD 1000 employees attend the DWR flood fight class held at CalExpo annually. | | | | | |

No Photos

| | | | |
|--|--|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 11/04/2014 11/04/2014 | Matthew Hoffman |

| | | | | | |
|---|------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.51 | Rating ** | M | Issue No. | 3 |
| LM End | 0.61 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | USACE Erosion Survey | | 38.774507 ° | 38.772921 ° | |
| | | | -121.598865 ° | -121.597788 ° | |
| DWR ID | DWR_RD1000_01_f_2014_3 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: 1997 - Very cohesive toe. 2005 - Site was staked and rock was stockpiled along the top of the bank. 2010 - New adjacent levee under construction. 2011 - New animal burrow. 2013: No observed changes. [2013 Site ID: SAC_78-3_L] | | | | | |

Photo 1 of 1 : FA_2014_RD1000_31_3_20141103_00001.jpg



USACE 2013 Photo #1

| | | | | | |
|---|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 16.03 | Rating ** | M | Issue No. | 12 |
| LM End | 16.26 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Vegetation | | 38.603938 ° | 38.601448 ° | |
| | | | -121.552449 ° | -121.549782 ° | |
| DWR ID | DWR_RD1000_01_f_2014_12 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

Photo 1 of 1 : FA_2014_RD1000_31_12_20141124_00006.jpg



This photo was taken from the crown facing upstream looking down the landward levee slope at a strip of joint grass the requires annual maintenance. Fall 2014.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 American River | Right | 2.32 | 11/04/2014 11/04/2014 | Matthew Hoffman |

| | | | | | |
|---|------------------------|--------------|------------------------|---------------|----------|
| LM Start | 1.03 | Rating ** | A | Issue No. | 3 |
| LM End | 1.03 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Vegetation | | 38.608507 ° | 38.608507 ° | |
| | | | -121.493335 ° | -121.493335 ° | |
| DWR ID | DWR_RD1000_02_f_2014_3 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

Photo 1 of 1 : FA_2014_RD1000_32_3_20141124_00004.jpg



This photo was taken from the crown facing west looking down the landward levee slope at acceptable vegetation maintenance. Fall 2014.

| | | | | | |
|---|------------------------|--------------|------------------------|---------------|----------|
| LM Start | 1.54 | Rating ** | M | Issue No. | 2 |
| LM End | 1.54 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Trim / Thin Trees | | 38.607978 ° | 38.607978 ° | |
| | | | -121.483858 ° | -121.483858 ° | |
| DWR ID | DWR_RD1000_02_s_2014_2 | | | | |
| Action/Comments | | | | | |
| Thin trees to allow visibility of the ground and room to flood fight. | | | | | |

Photo 1 of 1 : FA_2014_RD1000_32_2_20141103_00003.jpg



This photo was taken from the crown facing west looking down the landward levee slope at trees requiring maintenance. Spring 2014.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Natomas East Canal | Right | 16.93 | 11/04/2014 11/04/2014 | Matthew Hoffman |

| | | | | | |
|--|------------------------|--------------|-----|------------------------|---------------|
| LM Start | 4.85 | Rating ** | A/W | Issue No. | 1 |
| LM End | 4.96 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.672913 ° | 38.673685 ° |
| | | | | -121.481364 ° | -121.483115 ° |
| DWR ID | DWR_RD1000_03_f_2013_1 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

Photo 1 of 2 : FA_2014_RD1000_33_1_20141103_00001.jpg



This photo was taken from the crown facing south looking down the landward slope at a rodent hole requiring maintenance. Spring 2014.

| | | | | | |
|----------|-------------|--------------|-----|------------|-----------------|
| LM Start | 4.85 | Rating ** | A/W | Issue No. | 1 (cont) |
| LM End | 4.96 | Issue Type + | Ma | Location * | LS |

Photo 2 of 2 : FA_2014_RD1000_33_1_20141103_00002.jpg



This photo was taken from the levee crown looking down the landward slope at a squirrel poking its head out of a hole.

| | | | | | |
|-----------------|------------------------|--------------|----|------------------------|---------------|
| LM Start | 10.07 | Rating ** | M | Issue No. | 6 |
| LM End | 10.07 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.743914 ° | 38.743914 ° |
| | | | | -121.493112 ° | -121.493112 ° |
| DWR ID | DWR_RD1000_03_f_2014_6 | | | | |
| Action/Comments | | | | | |
| Tree or limb | | | | | |

Photo 1 of 1 : FA_2014_RD1000_33_6_20141124_00009.jpg



This photo was taken from the crown facing south looking down the landward levee slope at a brush pile that should be removed. Fall 2014.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

