

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 04/03/2015 04/03/2015 | Michael Pitta |

| | | | | | |
|---|----------------------------------|--------------|------------------------|------------|-----------|
| 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 | | | o | o |
| 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 | | | o | o |
| 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

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|--|-------------------------------|--------------|------------------------|------------|-----------|
| 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 | | | o | o |
| 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

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|--|--|---|---|
| * 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 |
|--|--|---|---|

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| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|------------------|
| Unit No. 02 American River | Right | 2.32 | 04/03/2015 04/03/2015 | Michael Pitta |

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| 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 : SP_2015_RD1000_32_2_20150330_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 |
|--|---|---|

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| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|------------------|
| Unit No. 03 Natomas East Canal | Right | 16.93 | 04/03/2015 04/03/2015 | Michael Pitta |

| | | | | | |
|---|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.51 | Rating ** | M | Issue No. | 16 |
| LM End | 2.41 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Vegetation | | 38.612803 ° | 38.640060 ° | |
| | | | -121.467967 ° | -121.473220 ° | |
| DWR ID | DWR_RD1000_03_s_2015_16 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.51 | Rating ** | M | Issue No. | 14 |
| LM End | 2.42 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Vegetation | | 38.612803 ° | 38.640158 ° | |
| | | | -121.467967 ° | -121.473242 ° | |
| DWR ID | DWR_RD1000_03_s_2015_14 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|-----------------|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 3.29 | Rating ** | M | Issue No. | 12 |
| LM End | 3.29 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Animal Control | | 38.652670 ° | 38.652670 ° | |
| | | | -121.475588 ° | -121.475588 ° | |
| DWR ID | DWR_RD1000_03_s_2015_12 | | | | |
| Action/Comments | | | | | |

Photo 1 of 1 : SP_2015_RD1000_33_12_20150407_00010.jpg



This photo was taken looking at the landside facing downstream.

| | | | |
|--|--|---|---|
| * 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
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Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|---------------|
| Unit No. 03 Natomas East Canal | Right | 16.93 | 04/03/2015 04/03/2015 | Michael Pitta |

| | | | | | |
|--|------------------------|--------------|-----|------------------------|---------------|
| LM Start | 4.78 | Rating ** | A/W | Issue No. | 1 |
| LM End | 4.89 | 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 3 : SP_2015_RD1000_33_1_20150407_00011.jpg



Updated view taken facing the landside looking upstream. Rodent holes have been filled and no new activity was observed.

| | | | | | |
|----------|-------------|--------------|-----|------------|-----------------|
| LM Start | 4.78 | Rating ** | A/W | Issue No. | 1 (cont) |
| LM End | 4.89 | Issue Type + | Ma | Location * | LS |

Photo 2 of 3 : SP_2015_RD1000_33_1_20150330_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 | 4.78 | Rating ** | A/W | Issue No. | 1 (cont) |
| LM End | 4.89 | Issue Type + | Ma | Location * | LS |

Photo 3 of 3 : SP_2015_RD1000_33_1_20150330_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.

| | | | |
|--|--|---|---|
| * 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 |
|--|--|---|---|

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Levee Inspections**

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Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|---------------|
| Unit No. 03 Natomas East Canal | Right | 16.93 | 04/03/2015 04/03/2015 | Michael Pitta |

| | | | | | |
|-----------------|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 5.24 | Rating ** | M | Issue No. | 11 |
| LM End | 5.24 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Encroachments | | 38.677913 ° | 38.677913 ° | |
| | | | -121.485477 ° | -121.485477 ° | |
| DWR ID | DWR_RD1000_03_s_2015_11 | | | | |
| Action/Comments | | | | | |
| Tree or limb | | | | | |

Photo 1 of 1 : SP_2015_RD1000_33_11_20150407_00012.jpg



Taken on the landside facing upstream.

| | | | | | |
|-----------------|------------------------|--------------|------------------------|---------------|----------|
| LM Start | 9.94 | Rating ** | C | Issue No. | 6 |
| LM End | 9.94 | 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 | | | | | |

No Photos

| | | | | | |
|---|------------------------|--------------|------------------------|---------------|----------|
| LM Start | 16.71 | Rating ** | A | Issue No. | 2 |
| LM End | 16.71 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Vegetation | | 38.822638 ° | 38.822638 ° | |
| | | | -121.540585 ° | -121.540585 ° | |
| DWR ID | DWR_RD1000_03_s_2015_2 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

Photo 1 of 1 : SP_2015_RD1000_33_2_20150407_00013.jpg



Taken on the waterside facing upstream.

| | | | |
|--|--|--|---|
| * 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 |
|--|--|--|---|

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Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|------------------|
| Unit No. 03 Natomas East Canal | Right | 16.93 | 04/03/2015 04/03/2015 | Michael Pitta |

| | | | | | |
|---|------------------------|--------------|------------------------|---------------|----------|
| LM Start | 16.71 | Rating ** | A | Issue No. | 8 |
| LM End | 16.71 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Vegetation | | 38.822638 ° | 38.822638 ° | |
| | | | -121.540585 ° | -121.540585 ° | |
| DWR ID | DWR_RD1000_03_s_2015_8 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

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 |
|--|---|---|

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Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------------|------|------------|--------------------------|------------------|
| Unit No. 04 Natomas Cross Canal | Left | 4.30 | 04/03/2015 04/03/2015 | Michael Pitta |

| | | | | | |
|---|------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.03 | Rating ** | A/W | Issue No. | 1 |
| LM End | 4.29 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Vegetation | | 38.820460 ° | 38.780695 ° | |
| | | | -121.544205 ° | -121.603508 ° | |
| DWR ID | DWR_RD1000_04_s_2015_1 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|---|------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.03 | Rating ** | A/W | Issue No. | 2 |
| LM End | 4.29 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Vegetation | | 38.820460 ° | 38.780695 ° | |
| | | | -121.544205 ° | -121.603508 ° | |
| DWR ID | DWR_RD1000_04_s_2015_2 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

Photo 1 of 1 : SP_2015_RD1000_34_2_20150505_00001.jpg



This view of the vegetation was taken on the landside facing downstream.

| | | |
|--|---|---|
| * 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 |
|--|---|---|