

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2016 Levee Inspection Results

Reclamation District No. 0537 Lovdal

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

* **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Reclamation District No. 0537 Lovdal

Waterway		Bank	Unit Miles
Unit No. 01 Sacramento River		Right	4.74

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/12/2016 - 5/12/2016			
DWR Inspector	Jai Lor			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start		Rating **	U	Issue No.	11
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_RD0537_01_s_2013_11				
Comment Code					
Inspector Comment					
RD0537 was not available for confirmation of the manual during inspection.					

No Photos

LM Start		Rating **	M	Issue No.	12
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_RD0537_01_s_2013_12				
Comment Code					
Inspector Comment					
RD0537 was not available for confirmation of supplies during inspection.					

No Photos

LM Start		Rating **	M	Issue No.	13
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_RD0537_01_s_2013_13				
Comment Code					
Inspector Comment					
RD0537 was not available for confirmation of flood training during inspection.					

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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	0.03	Rating **	N	Issue No.	22
LM End	0.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.643305 °	38.643305 °	
			-121.583749 °	-121.583749 °	
DWR ID	DWR_RD0537_01_f_2015_22				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD0537_173_22_20160304_00019.jpg



View of the tree stumps on the waterward side of the levee looking downstream. Fall 2015.

LM Start	0.03	Rating **	A	Issue No.	26
LM End	0.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.643246 °	38.647431 °	
			-121.583684 °	-121.575255 °	
DWR ID	DWR_RD0537_01_s_2016_26				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
LMA has maintained levee slopes.					

Photo 1 of 1 : SP_2016_RD0537_173_26_20160516_00061.jpg



View of the vegetation on the landward side of the levee looking downstream. Spring 2016.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	0.05	Rating **	U	Issue No.	482
LM End	0.05	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.643400 °	38.643400 °
				-121.583380 °	-121.583380 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46165 DS_ID:169 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Crossing appears abandoned; if so, must be done so properly. Cracking on pavement along pipe alignment. Holes visible on pipe along WS slope. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe thru levee, 18 ft below crown (not 6.7 ft per permit drawing). Pump on WS found. Concrete collar on WS per permit drawing not found. PVC standpipe and valve enclosed by concrete standpipe off LS toe. 1-inch electric conduit thru levee, 3.8 ft below crown (not 2-inch as per LL). Permit No. 558, 1932. FPIIB 2004 Levee Log (at LM 0.04). FS Date: 3/18/2013					

Photo 1 of 2 : UCIP_SP_2016_46165_17140.jpg



WS- an abandoned pump.

LM Start	0.05	Rating **	U	Issue No.	482 (cont)
LM End	0.05	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_46165_17141.jpg



WS- abandoned steel pipe.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	0.07	Rating **	M	Issue No.	478
LM End	0.07	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.643528 °	38.643528 °
				-121.583193 °	-121.583193 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46803 DS_ID:168 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing appears abandoned; if so, must be done so properly. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe, 3.8 FBC. Pump gone. Concrete pump pad on WS bank not found. 36-inch concrete standpipe off LS toe. 2-inch electric conduit not found (1-inch electric line found for 10-inch pipe located 50 ft upstream). Plate bolted on WW end of pipe. FPIIB 2004 Levee Logs. FS Date: 4/29/2015					

LM Start	0.07	Rating **	M	Issue No.	478 (cont)
LM End	0.07	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_SP_2016_46803_74402.jpg



Pipe visible along WS slope.

Photo 2 of 2 : UCIP_SP_2016_46803_74403.jpg



View of pipe into water.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	0.38	Rating **	M	Issue No.	47
LM End	0.38	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.646457 °	38.646457 °	
			-121.578663 °	-121.578663 °	
DWR ID	DWR_RD0537_01_s_2012_47				
Comment Code					
FW : Firewood					
Inspector Comment					

LM Start	0.38	Rating **	M	Issue No.	47 (cont)
LM End	0.38	Issue Type +	En	Location *	LS

Photo 1 of 2 : SP_2016_RD0537_173_47_20160304_00022.jpg



Perspective view of more firewood at the toe of the levee on the landward side looking downstream. Fall 2015.

Photo 2 of 2 : SP_2016_RD0537_173_47_20160304_00023.jpg



View of the firewood pile at the toe of the levee on the landward side. Fall 2015.

* 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 Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	0.39	Rating **	M	Issue No.	6
LM End	0.39	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.646557 °	38.646557 °	
			-121.578529 °	-121.578529 °	
DWR ID	DWR_RD0537_01_s_2013_6				
Comment Code					
EQ : Equipment					
Inspector Comment					
Also building is in the easement.					

Photo 1 of 1 : SP_2016_RD0537_173_6_20160516_00062.jpg



View of the equipment at the toe of the levee looking downstream. Spring 2016.

LM Start	0.40	Rating **	M	Issue No.	21
LM End	0.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.646696 °	38.646696 °	
			-121.578418 °	-121.578418 °	
DWR ID	DWR_RD0537_01_f_2015_21				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD0537_173_21_20160304_00018.jpg



View of the slope stability on the waterward side of the levee looking downstream. Fall 2015.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	0.42	Rating **	M	Issue No.	31
LM End	0.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.646811 °	38.646811 °	
			-121.578241 °	-121.578241 °	
DWR ID	DWR_RD0537_01_s_2016_31				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD0537_173_31_20160516_00076.jpg



View of the slope stability near the shoulder of the waterward side of the levee looking downstream. Spring 2016.

LM Start	0.42	Rating **	N	Issue No.	32
LM End	0.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.646811 °	38.646811 °	
			-121.578241 °	-121.578241 °	
DWR ID	DWR_RD0537_01_s_2016_32				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD0537_173_32_20160516_00077.jpg



View of the tree stump on the waterward side of the levee looking downstream. Spring 2016.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	0.42	Rating **	M	Issue No.	18
LM End	0.42	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.646803 °	38.646803 °	
			-121.578215 °	-121.578215 °	
DWR ID	DWR_RD0537_01_f_2013_18				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2016_RD0537_173_18_20160516_00063.jpg



View of the cactus at the toe of the levee. Spring 2016.

LM Start	0.42	Rating **	M	Issue No.	18 (cont)
LM End	0.42	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2016_RD0537_173_18_20160516_00064.jpg



Perspective view of the landscaping on the landward side of the levee looking downstream. Spring 2016.

LM Start	0.44	Rating **	M	Issue No.	50
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.647005 °	38.647005 °	
			-121.577813 °	-121.577813 °	
DWR ID	DWR_RD0537_01_s_2012_50				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 2 : SP_2016_RD0537_173_50_20160304_00026.jpg



View of the retaining wall at the levee toe on the landward side of the levee looking downstream. The wall is partially broken. Fall 2015.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	0.44	Rating **	M	Issue No.	50 (cont)
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.647005 °	38.647005 °
				-121.577813 °	-121.577813 °
DWR ID	DWR_RD0537_01_s_2012_50				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 2 of 2 : SP_2016_RD0537_173_50_20160516_00065.jpg



View of the retaining wall at the toe of the levee on the landward side. Spring 2016.

LM Start	0.56	Rating **	M	Issue No.	471
LM End	0.59	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.647589 °	38.647462 °
				-121.575844 °	-121.575348 °
DWR ID	DWR_RD0537_01_s_2015_471				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD0537_173_471_20160516_00066.jpg



View of the crown of the levee looking downstream. Spring 2016.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	0.68	Rating **	M	Issue No.	27
LM End	0.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.647065 °	38.647065 °	
			-121.573753 °	-121.573753 °	
DWR ID	DWR_RD0537_01_s_2016_27				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD0537_173_27_20160516_00067.jpg



View of the rodent holes on the landward side of the levee looking downstream. Spring 2016.

LM Start	1.05	Rating **	M	Issue No.	28
LM End	1.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.644973 °	38.644686 °	
			-121.568153 °	-121.567903 °	
DWR ID	DWR_RD0537_01_s_2016_28				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD0537_173_28_20160516_00072.jpg



View of the trees on the landward side of the levee looking downstream. Spring 2016.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	1.91	Rating **	U	Issue No.	40
LM End	1.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.633148 °	38.633148 °	
			-121.564520 °	-121.564520 °	
DWR ID	DWR_RD0537_01_s_2012_40				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP_2016_RD0537_173_40_20160304_00020.jpg



View of the rodent holes on the landward side of the levee looking down. Fall 2015.

LM Start	1.91	Rating **	U	Issue No.	40 (cont)
LM End	1.91	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2016_RD0537_173_40_20160304_00021.jpg



View of the rodent holes on the landward side of the levee looking upstream. There are more than 2 cubic feet of material from the hole. Fall 2015.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	1.93	Rating **	M	Issue No.	29
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.632874 °	38.632462 °	
			-121.564494 °	-121.564448 °	
DWR ID	DWR_RD0537_01_s_2016_29				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD0537_173_29_20160516_00073.jpg



View of the rodent holes on the landward side of the levee looking downstream. Spring 2016.

LM Start	1.99	Rating **	C	Issue No.	472
LM End	1.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.631957 °	38.631957 °	
			-121.564435 °	-121.564435 °	
DWR ID	DWR_RD0537_01_s_2015_472				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

No Photos

LM Start	2.32	Rating **	C	Issue No.	20
LM End	2.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.627135 °	38.627135 °	
			-121.563756 °	-121.563756 °	
DWR ID	DWR_RD0537_01_f_2015_20				
Comment Code					
TR : Tree or limb					
Inspector Comment					

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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	2.50	Rating **	M	Issue No.	7
LM End	2.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.624549 °	38.624549 °	
			-121.563650 °	-121.563650 °	
DWR ID	DWR_RD0537_01_s_2013_7				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD0537_173_7_20160304_00006.jpg



View of the rodent hole on the landward side of the levee. Fall 2015.

LM Start	2.54	Rating **	U	Issue No.	17
LM End	2.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.623983 °	38.623983 °	
			-121.563503 °	-121.563503 °	
DWR ID	DWR_RD0537_01_f_2015_17				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD0537_173_17_20160304_00015.jpg



View of the rodent hole on the waterward side of the levee looking upstream. There are more than 2 cubic feet of material next to the hole. Fall 2015.

* 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**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	2.72	Rating **	M	Issue No.	480
LM End	2.72	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.621437 °	38.621437 °
				-121.563373 °	-121.563373 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46035 DS_ID:178 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Wasted pipe and valve not visible due to vegetation. FIELD_STRUCT_DESC: 12-inch pipe through the levee, 4.5 feet below the crown. Slant pump column on the waterward bank. Timber walkway (not found) mounted on pile structure across the berm. Siphon breaker in CM pipe riser on the landward slope. Concrete standpipe on the landward side. 6-inch wasted pipe down bank, gate valve on waste line. A 2" electrical conduit through the levee. FS Date: 3/18/2013					

Photo 1 of 2 : UCIP_SP_2016_46035_17008.jpg



WS- overview of pump, pipe and steel structure structure.

LM Start	2.72	Rating **	M	Issue No.	480 (cont)
LM End	2.72	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_46035_17007.jpg



WS- closer view of pump, pipe and steel structure.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	2.84	Rating **	M	Issue No.	481
LM End	2.84	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.619674 °	38.619674 °
				-121.563330 °	-121.563330 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46037 DS_ID:179 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: A 6-inch wasted pipe down bank, gate valve on waste line- not visible due to the vegetation. FIELD_STRUCT_DESC: 12-inch pipe through the levee, 7.0 feet below the crown. Slant pump column on the bank. Steel walkway mounted on pile structure across the berm to pump. Burried siphon breaker in CM pipe riser on the landward slope. Concrete standpipe not found on LS but a shallow CM standpipe found on cultivated field. FS Date: 3/18/2013					

Photo 1 of 2 : UCIP_SP_2016_46037_17027.jpg



WS- overview of slanted pump on steel structure.

LM Start	2.84	Rating **	M	Issue No.	481 (cont)
LM End	2.84	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_46037_17026.jpg



WS- slanted pump and pipe on steel structure.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	2.89	Rating **	M	Issue No.	3
LM End	2.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.618926 °	38.618644 °
				-121.563374 °	-121.563353 °
DWR ID	DWR_RD0537_01_s_2015_3				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Arundo starting to creep up on the levee slope.					

Photo 1 of 1 : SP_2016_RD0537_173_3_20160304_00002.jpg



View of the arundo at the levee toe on the landward side of the levee looking upstream. Fall 2015.

LM Start	2.93	Rating **	M	Issue No.	479
LM End	2.93	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.618334 °	38.618334 °
				-121.563318 °	-121.563318 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46806 DS_ID:180 EP_NO: 4656 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Broken gate valve handle on waste pipe. FIELD_STRUCT_DESC: 12-inch irrigation pipe through the levee, 7.0 feet below the crown. Slant pump column on the bank. Timber walkway mounted on pile structure across the berm to pump. Siphon breaker on CM pipe riser on the landward slope. Concrete pipe riser on the landward side. A waste pipe down bank. Gate valve on waste line. (Permit No. 4656) FS Date: 3/18/2013					

Photo 1 of 2 : UCIP_SP_2016_46806_17038.jpg



WS- slanted pipe and pump on timber structure.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	2.93	Rating **	M	Issue No.	479 (cont)
LM End	2.93	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.618334 °	38.618334 °
				-121.563318 °	-121.563318 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46806 DS_ID:180 EP_NO: 4656 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Broken gate valve handle on waste pipe. FIELD_STRUCT_DESC: 12-inch irrigation pipe through the levee, 7.0 feet below the crown. Slant pump column on the bank. Timber walkway mounted on pile structure across the berm to pump. Siphon breaker on CM pipe riser on the landward slope. Concrete pipe riser on the landward side. A waste pipe down bank. Gate valve on waste line. (Permit No. 4656) FS Date: 3/18/2013					

Photo 2 of 2 : UCIP_SP_2016_46806_17037.jpg



WS- main pipe and waste pipe with gate valve

LM Start	3.06	Rating **	M	Issue No.	264
LM End	3.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.616504 °	38.616504 °
				-121.563270 °	-121.563270 °
DWR ID	DWR_RD0537_01_s_2014_264				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
The previous erosions from Spring 2014 are corrected, however, there is erosion under the gangway.					

Photo 1 of 3 : SP_2016_RD0537_173_264_20160304_00028.jpg



Erosion cut 20 feet from the other one. Erosion 2-3 feet deep. 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	3.06	Rating **	M	Issue No.	264 (cont)
LM End	3.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.616504 °	38.616504 °
				-121.563270 °	-121.563270 °
DWR ID	DWR_RD0537_01_s_2014_264				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
The previous erosions from Spring 2014 are corrected, however, there is erosion under the gangway.					

LM Start	3.06	Rating **	M	Issue No.	264 (cont)
LM End	3.06	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP_2016_RD0537_173_264_20160304_00029.jpg



Erosion cut in levee slope 2-3 feet deep. Spring 2014

Photo 3 of 3 : SP_2016_RD0537_173_264_20160304_00030.jpg



There is erosion under the gangway on the waterward side of the levee looking downstream. Fall 2015.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	3.06	Rating **	M	Issue No.	477
LM End	3.06	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.616413 °	38.616413 °
				-121.563205 °	-121.563205 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46041 DS_ID:181 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Obstructed siphon breaker. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 7.0 feet below the crown. Slant pump column on the bank. Timber walkway mounted on pile structure across the berm to pump. Siphon breaker in CM pipe riser on the landward slope. Concrete standpipe on the landward side. 6-inch waste pipe down bank, gate valve on waste line. FS Date: 3/18/2013					

Photo 1 of 2 : UCIP_SP_2016_46041_17171.jpg



WS- overview of slanted pipe and pump on steel pile structure

LM Start	3.06	Rating **	M	Issue No.	477 (cont)
LM End	3.06	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_46041_17170.jpg



WS- covered slanted pump on timber platform.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	3.42	Rating **	M	Issue No.	9
LM End	3.42	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.611320 °	38.611320 °	
			-121.562059 °	-121.562059 °	
DWR ID	DWR_RD0537_01_f_2015_9				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD0537_173_9_20160304_00009.jpg



View of the prunings at the levee toe on the landward side of the levee. Fall 2015.

LM Start	3.51	Rating **	M	Issue No.	14
LM End	3.51	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.610128 °	38.610128 °	
			-121.561300 °	-121.561300 °	
DWR ID	DWR_RD0537_01_f_2015_14				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD0537_173_14_20160304_00010.jpg



View of concrete debris and a utility pole on the landward side of the levee. Fall 2015.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	3.63	Rating **	M	Issue No.	15
LM End	3.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.608656 °	38.608656 °
				-121.560333 °	-121.560333 °
DWR ID	DWR_RD0537_01_f_2015_15				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 3 : SP_2016_RD0537_173_15_20160304_00011.jpg



View of the rodent hole on the landward side of the levee looking downstream. Fall 2015.

LM Start	3.63	Rating **	M	Issue No.	15 (cont)
LM End	3.63	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2016_RD0537_173_15_20160304_00012.jpg



More rodent holes a little further upstream. Fall 2015.

LM Start	3.63	Rating **	M	Issue No.	15 (cont)
LM End	3.63	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2016_RD0537_173_15_20160304_00013.jpg



There is a rodent hole under the pipe spill way. Fall 2015.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	4.13	Rating **	U	Issue No.	8
LM End	4.31	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.602671 °	38.600687 °	
			-121.555351 °	-121.553297 °	
DWR ID	DWR_RD0537_01_s_2012_8				
Comment Code					
BU : Building					
Inspector Comment					

LM Start	4.13	Rating **	U	Issue No.	8 (cont)
LM End	4.31	Issue Type +	En	Location *	WS

Photo 1 of 2 : SP_2016_RD0537_173_8_20160304_00007.jpg



Abandoned building and fence on the levee crown. Spring 2013

Photo 2 of 2 : SP_2016_RD0537_173_8_20160304_00008.jpg



Building and old equipment within the fenced compound. 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	4.24	Rating **	M	Issue No.	483
LM End	4.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.601384 °	38.601384 °
				-121.554099 °	-121.554099 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45026 DS_ID:171 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 12-inch pipe off WS slope on concrete platform. FS Date: 4/28/2015					

Photo 1 of 2 : UCIP_SP_2016_45026_17073.jpg



Riparian Lands Trust- no access through gate.

LM Start	4.24	Rating **	M	Issue No.	483 (cont)
LM End	4.24	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_45026_17072.jpg



No access through gate. Area behind gated area along WS slope accessible.

* 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	4.27	Rating **	M	Issue No.	1
LM End	4.32	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.601388 °	38.600907 °
				-121.553250 °	-121.552815 °
DWR ID	DWR_RD0537_01_s_2016_1				
Comment Code					
Inspector Comment					
1997 - This may have been a cobble rehabilitation site to the 1957 cobble that was place all the way to the I-80 Bridge. 2000 - Local damage induced by human use. 2003 - Site is still very close to the levee and into the levee toe. 2011 - One new tree has fallen. 2015: 62.9 and 63.0 have been combined into one site. [2015 Site ID: SAC_62-9_R]					

Photo 1 of 1 : SP_2016_RD0537_173_1_20160304_00001.jpg



USACE 2013 Photo #1

LM Start	4.35	Rating **	M	Issue No.	476
LM End	4.35	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.600310 °	38.600310 °
				-121.552816 °	-121.552816 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45024 DS_ID:235 EP_NO: 17993 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need signs on WS slope for all gas lines in area. FIELD_STRUCT_DESC: To install a 20-inch-diameter natural gas pipeline (bored) under the channel and levees of the Sacramento River. Sign on opposite bank. Sign off LS toe on other side of railroad tracks at base of tower. Application No. 17993, 2006. FS Date: 4/28/2015					

Photo 1 of 2 : UCIP_SP_2016_45024_74020.jpg



Red circle shows location of sign on opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.74	05/12/2016 05/12/2016	Jai Lor

LM Start	4.55	Rating **	M	Issue No.	30
LM End	4.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.598022 °	38.598022 °
				-121.550396 °	-121.550396 °
DWR ID	DWR_RD0537_01_s_2016_30				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD0537_173_30_20160516_00074.jpg



View of the slope stability caused by vehicles on the waterward side of the levee looking downstream. Spring 2016.

LM Start	4.56	Rating **	C	Issue No.	16
LM End	4.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.597959 °	38.597959 °
				-121.550311 °	-121.550311 °
DWR ID	DWR_RD0537_01_f_2015_16				
Comment Code					
DE : Debris					
Inspector Comment					

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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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Reclamation District No. 0537 Lovdal

Waterway		Bank	Unit Miles
Unit No. 02 Yolo Bypass		Left	1.19

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/24/2016 - 3/24/2016			
DWR Inspector	Jai Lor			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	1.19	03/24/2016 03/24/2016	Jai Lor

LM Start	0.01	Rating **	M	Issue No.	2
LM End	1.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.597158 °	38.582727 °	
			-121.577215 °	-121.568915 °	
DWR ID	DWR_RD0537_02_f_2015_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD0537_174_2_20160407_00006.jpg



View of the vegetation on the landward side of the levee looking upstream. Spring 2016.

LM Start	0.21	Rating **	A/W	Issue No.	4
LM End	1.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.594549 °	38.582330 °	
			-121.575817 °	-121.567938 °	
DWR ID	DWR_RD0537_02_f_2013_4				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Trees along the toe of the waterside levee at the bottom of the rip rap.					

Photo 1 of 2 : SP_2016_RD0537_174_4_20160304_00004.jpg



Photo of the willows at the toe of the rip rap and levee. No other trees in the rip rap. 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0537 Lovdal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	1.19	03/24/2016 03/24/2016	Jai Lor

LM Start	0.21	Rating **	A/W	Issue No.	4 (cont)
LM End	1.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.594549 °	38.582330 °	
			-121.575817 °	-121.567938 °	
DWR ID	DWR_RD0537_02_f_2013_4				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Trees along the toe of the waterside levee at the bottom of the rip rap.					

Photo 2 of 2 : SP_2016_RD0537_174_4_20160304_00005.jpg



View of the willows at the toe of the waterward side of the levee looking upstream. Fall 2015.

* 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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