

## Flood Control Project Maintenance Levee Inspections

### Fall 2022 Levee Maintenance Deficiency Summary Report

#### Sacramento River Basin

<b>RD0369</b>	Overall LMA Rating	Total LMA Miles						
<b>Reclamation District No. 0369 Libby McNeil</b>	<b>U</b>	<b>0.78</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation					0.10	0.04		
Trim / Thin Trees	0.07	0.01	0.11	14.16%				
Encroachments	0.03		0.03	3.86%	0.03	0.10		
Erosion / Foot Traffic	0.02		0.02	2.58%				
Emergency Supplies & Equipment	0.01		0.01	1.29%				
Flood Preparedness & Training	0.01		0.01	1.29%				
<i>Supplemental</i>								
DWR UCIP Field Study						0.02		
<i>LMA Totals:</i>	0.14	0.01	0.18	23.17%	0.13	0.16	0.00	0.00

  

<b>Unit No. 01 Sacramento River LB</b>	Overall Unit Rating	Total Unit Miles						
<b>RD0369</b>	<b>U</b>	<b>0.78</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation					0.10	0.04		
Trim / Thin Trees	0.07	0.01	0.11	14.16%				
Encroachments	0.03		0.03	3.86%	0.03	0.10		
Erosion / Foot Traffic	0.02		0.02	2.58%				
<i>Supplemental</i>								
DWR UCIP Field Study						0.02		
<i>Unit Totals:</i>	0.12	0.01	0.16	20.60%	0.13	0.16	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet**

**Reclamation District No. 0369 Libby McNeil**

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

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

†	<p><b><u>SPRING INSPECTIONS:</u></b> 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.</p> <p><b><u>FALL INSPECTIONS:</u></b> 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.</p>
---	---

Comments


**Flood Control Project Maintenance  
Levee Inspections  
Unit Cover Sheet**

**Reclamation District No. 0369 Libby McNeil**

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	0.78
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/10/2022 - 3/10/2022		10/11/2022 - 10/11/2022	
DWR Inspector	David Julian		Saskia Donovan	
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 - Fall 2022**

**Reclamation District No. 0369 Libby McNeil**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.78	10/11/2022 10/11/2022	Saskia Donovan

LM Start		Rating **	M	Issue No.	22
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_RD0369_01_f_2012_22				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
RD 369 members have not been flood fight trained.					

No Photos

LM Start		Rating **	A	Issue No.	27	
LM End		Issue Type +	Ma	Location *		
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Operations & Maintenance Manuals				°	°
					°	
DWR ID	DWR_RD0369_01_f_2014_27					
Comment Code						
OM : O&M Manuals						
Inspector Comment						
The District has a copy of the O&M Manual on records.						

No Photos

LM Start		Rating **	M	Issue No.	28	
LM End		Issue Type +	Ma	Location *		
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Emergency Supplies & Equipment				°	°
					°	
DWR ID	DWR_RD0369_01_f_2014_28					
Comment Code						
ES : Emergency Supplies & Equipment						
Inspector Comment						
RD 369 has no emergency supplies on hand.						

No Photos

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2022**

**Reclamation District No. 0369 Libby McNeil**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.78	10/11/2022 10/11/2022	Saskia Donovan

LM Start	0.03	Rating **	U	Issue No.	24
LM End	0.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.258599 °	38.258599 °
				-121.517315 °	-121.517315 °
DWR ID	DWR_RD0369_01_s_2021_24				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_24\_20220831\_00012.jpg



View of thick tree on the landside slope (Spring 2021).

LM Start	0.04	Rating **	M	Issue No.	17
LM End	0.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.258386 °	38.258386 °
				-121.517269 °	-121.517269 °
DWR ID	DWR_RD0369_01_f_2021_17				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	0.07	Rating **	M	Issue No.	20
LM End	0.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.258223 °	38.257943 °
				-121.516918 °	-121.516490 °
DWR ID	DWR_RD0369_01_f_2019_20				
Comment Code					
FE : Fence					
Inspector Comment					
There is a chain-link fence on the LS shoulder.					

No Photos

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2022**

**Reclamation District No. 0369 Libby McNeil**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.78	10/11/2022 10/11/2022	Saskia Donovan

LM Start	0.09	Rating **	U	Issue No.	33	
LM End	0.09	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.257953 °	38.257953 °	
				-121.516613 °	-121.516613 °	
DWR ID	25084					
Comment Code						
Inspector Comment						
DS_ID:25084 FS_ID:60725 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 06/09/2020 Record remains Urgent. Through holes in pipe on landside slope. Crossing appears abandoned. No pipe found on waterside. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 07/12/2018 Pipe shows more signs of corrosion. Unable to find pipe on WS. (O.Yakimov-DWR UCIP)06/01/2016 Same as last inspection. (K. Fazel - UCIP)03/04/2015 Severe corrosion and holes visible in pipe on LS shoulder. Pipe appears abandoned and should be done so properly. (W. Wyle - FPIIB) FIELD_STRUCT_DESC: 4-inch steel pipe of an unknown purpose through the levee, 1 foot below the crown. Pipe visible on the landside (LS) slope just in front of the gate on the LS shoulder. (4-inch pipe [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 8555, 1973 - Jordan Investment Co. c/o Walter E. Herman). [Additional Reference(s): DWR Levee Log, 2005 (HLM 0.08). USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 27.87 - O&M Manual misidentifies this location as RM 28.87), listed as 4-inch pipe. USACE As-Built Drawing No. 06-13-1100, Sheet 15, upstream of 'L' 1663+96, January 1933]. FS Date: 6/9/2020 9:26:37 AM						

LM Start	<b>0.09</b>	Rating **	U	Issue No.	<b>33 (cont)</b>
LM End	<b>0.09</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2022\_60725\_88054.jpg



Water-Side: View of levee slope looking from crown

Photo 2 of 3 : UCIP\_FA\_2022\_60725\_88052.jpg



Land-Side: View of pipe with through holes on levee slope

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2022**

**Reclamation District No. 0369 Libby McNeil**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.78	10/11/2022 10/11/2022	Saskia Donovan

LM Start	<b>0.09</b>	Rating **	U	Issue No.	<b>33 (cont)</b>
LM End	<b>0.09</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.257953 °	38.257953 °	
			-121.516613 °	-121.516613 °	
DWR ID	25084				

Photo 3 of 3 : UCIP\_FA\_2022\_60725\_75200.jpg



LS slope: holes in pipe still present.

LM Start	0.10	Rating **	M	Issue No.	4
LM End	0.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.257819 °	38.257819 °
				-121.516427 °	-121.516427 °
DWR ID	DWR_RD0369_01_s_2012_4				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping on landside shoulder needs to be maintained.					

No Photos

LM Start	0.11	Rating **	M	Issue No.	9
LM End	0.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.257757 °	38.257757 °
				-121.516347 °	-121.516347 °
DWR ID	DWR_RD0369_01_s_2020_9				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_9\_20220831\_00003.jpg



View looking down footpath on the waterside slope (Spring 2022).

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2022**

**Reclamation District No. 0369 Libby McNeil**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.78	10/11/2022 10/11/2022	Saskia Donovan

LM Start	0.11	Rating **	M	Issue No.	13
LM End	0.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.257772 °	38.257573 °
				-121.516248 °	-121.516190 °
DWR ID	DWR_RD0369_01_f _ 2019_13				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove ivy.					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_13\_20221031\_00044.jpg



View of the ivy on the LS slope (Fall 2022).

LM Start	0.13	Rating **	M	Issue No.	21
LM End	0.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.257673 °	38.257673 °
				-121.516052 °	-121.516052 °
DWR ID	DWR_RD0369_01_f _ 2018_21				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
Remove tree limbs from the landside slope and toe.					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_21\_20221031\_00043.jpg



View of the tree limbs on the LS slope and toe (Fall 2022).

LM Start	0.15	Rating **	M	Issue No.	23
LM End	0.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.257368 °	38.257368 °
				-121.515752 °	-121.515752 °
DWR ID	DWR_RD0369_01_s_2020_23				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_23\_20220831\_00011.jpg



View of tree on the waterside slope (Spring 2022).

* 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**

**Levee Inspection Report By Mile - Fall 2022**

**Reclamation District No. 0369 Libby McNeil**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.78	10/11/2022 10/11/2022	Saskia Donovan

LM Start	0.17	Rating **	U	Issue No.	32
LM End	0.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.257197 °	38.257197 °
				-121.515403 °	-121.515403 °
DWR ID	DWR_RD0369_01_f _ 2021_32				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove cactus on the landside slope.					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_32\_20220831\_00017.jpg



View of cactus on the landside slope (Fall 2021).

LM Start	0.18	Rating **	M	Issue No.	10
LM End	0.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.257137 °	38.257137 °
				-121.515407 °	-121.515407 °
DWR ID	DWR_RD0369_01_f _ 2019_10				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Large path created by fishermen. Levee is extra wide in this section.					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_10\_20220831\_00004.jpg



View looking slightly upstream erosion due to foot traffic on the waterside slope (Spring 2022).

LM Start	0.19	Rating **	M	Issue No.	12
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.257024 °	38.256757 °
				-121.515175 °	-121.514843 °
DWR ID	DWR_RD0369_01_f_2021_12				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove remnants of chopped up tree.					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_12\_20220831\_00006.jpg



View of chopped up tree on the landside slope (Fall 2021).

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2022**

**Reclamation District No. 0369 Libby McNeil**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.78	10/11/2022 10/11/2022	Saskia Donovan

LM Start	<b>0.35</b>	Rating **	U	Issue No.	<b>34</b>
LM End	<b>0.35</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.255250 °	38.255250 °
				-121.513210 °	-121.513210 °
DWR ID	18972				

**Comment Code**

**Inspector Comment**

DS\_ID:18972  
FS\_ID:60752  
EP\_NO: 11117  
Repair Type: Urgent  
EVAL Issue: 1, Pipe Integrity  
Crossing Status: Found  
UCIP Comments: 06/10/2020 Record updated from Non-Urgent to Urgent. Hole in pipe on waterside slope above pump. Pipe is running - leak through the hole poses a threat to waterside levee slope. 6-inch pipe installed on landside slope right after siphon breaker. Levee slope was disturbed at this location. 6-inch pipe is running down diagonally on landside slope towards PVC pipe connection at the toe. Unable to find a permit for modification. No permit has been identified authorizing pipe through the levee. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)  
10/15/2012 Siphon breaker on LS slope needs protection. Water is leaking from pump station. Abandoned concrete structure found on WS. 10-inch abandoned pipe found on WS. Should be removed. 6-inch abandoned pipe found on WS. Should be removed.  
FIELD\_STRUCT\_DESC: 10-inch steel irrigation discharge pipe through the levee, 4.5 feet below the crown. Pump and gate valve on the waterside (WS) shoulder. Siphon breaker on the landside (LS) slope. Electric meter, panel at landside toe, 1.5-inch electrical conduit at same location. Abandoned concrete standpipe at landside levee toe. (10-inch pipe [HLM 0.36] authorized under Automatic Board Order (ABO) issued as Permit No. 11117, 1975 - Erma E. Locke et al). [Additional Reference(s): DWR Levee Log, 2005 (HLM 0.36). USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 27.63), listed as 10-inch pipe. USACE As-Built Drawing No. 50-04-2983, Sheets 2 and 3, Station 5+83, March 1954. USACE As-Built Drawing No. 06-13-1100, Sheet 15, downstream of 'L' 1671+00, January 1933].  
FS Date: 6/10/2020 10:27:02 AM

Photo 1 of 3 : UCIP\_FA\_2022\_60752\_88065.jpg



Water-Side: Pipe leak on levee slope above pump

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



# Reclamation District No. 0369 Libby McNeil

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2022**

**Reclamation District No. 0369 Libby McNeil**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.78	10/11/2022 10/11/2022	Saskia Donovan

LM Start	0.40	Rating **	A/W	Issue No.	2
LM End	0.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.254530 °	38.254530 °
				-121.512930 °	-121.512930 °
DWR ID	DWR_RD0369_01_s_2020_2				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
LMA mentioned repair in progress last fall but could not verify due to vegetation and high tide. Fall 2022: The erosion is caused by fallen tree with root ball.					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_2\_20220831\_00001.jpg



View from the channel at animal hole burrowed into the waterside toe (Summer 2020).

LM Start	0.52	Rating **	M	Issue No.	19
LM End	0.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.253273 °	38.253273 °
				-121.511505 °	-121.511505 °
DWR ID	DWR_RD0369_01_f_2018_19				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
Remove tree limb from the landside slope.					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_19\_20221031\_00040.jpg



View of the tree limb on the LS slope (Fall 2022).

LM Start	0.56	Rating **	U	Issue No.	25
LM End	0.60	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.252692 °	38.252247 °
				-121.511167 °	-121.510922 °
DWR ID	DWR_RD0369_01_s_2019_25				
Comment Code					
FE : Fence					
Inspector Comment					
A chain-link fence is located on the waterside slope.					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_25\_20221031\_00037.jpg



View of the fence on the WS slope (Fall 2022).

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2022**

**Reclamation District No. 0369 Libby McNeil**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.78	10/11/2022 10/11/2022	Saskia Donovan

LM Start	0.57	Rating **	U	Issue No.	26
LM End	0.60	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.252662 °	38.252247 °
				-121.511138 °	-121.510922 °
DWR ID	DWR_RD0369_01_s_2019_26				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vegetation on chain-link fence is blocking view down waterside slope.					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_26\_20221031\_00038.jpg



View of the vegetation and fence on the WS slope (Fall 2022).

LM Start	0.58	Rating **	M	Issue No.	14
LM End	0.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.252494 °	38.252494 °
				-121.510961 °	-121.510961 °
DWR ID	DWR_RD0369_01_s_2018_14				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
Fallen tree and branches should be removed from landside toe.					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_14\_20221031\_00045.jpg



View of the fallen tree on the LS toe (Fall 2022).

LM Start	0.59	Rating **	M	Issue No.	31
LM End	0.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.252414 °	38.252414 °
				-121.510931 °	-121.510931 °
DWR ID	DWR_RD0369_01_f_2021_31				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_31\_20220831\_00016.jpg



View of tree needing trimming on the landside slope (Fall 2021).

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2022**

**Reclamation District No. 0369 Libby McNeil**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.78	10/11/2022 10/11/2022	Saskia Donovan

LM Start	0.62	Rating **	U	Issue No.	29
LM End	0.67	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.251982 °	38.251267 °
				-121.510853 °	-121.510480 °
DWR ID	DWR_RD0369_01_s_2019_29				
Comment Code					
FE : Fence					
Inspector Comment					
A fence is blocking the view of the waterside slope.					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_29\_20221031\_00039.jpg



View of the fence on the WS shoulder (Fall 2022).

LM Start	0.66	Rating **	U	Issue No.	15
LM End	0.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.251403 °	38.251403 °
				-121.510532 °	-121.510532 °
DWR ID	DWR_RD0369_01_s_2012_15				
Comment Code					
FE : Fence					
Inspector Comment					
A tall, white, solid fence is blocking the view of the landside levee slope.					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_15\_20220831\_00008.jpg



View of white fence on the landside shoulder (Fall 2020).

LM Start	0.70	Rating **	M	Issue No.	8
LM End	0.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.250904 °	38.249930 °
				-121.510223 °	-121.509880 °
DWR ID	DWR_RD0369_01_s_2017_8				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping needs to be thinned and maintained to allow inspection and access to landside slope and toe.					

Photo 1 of 1 : FA\_2022\_RD0369\_207\_8\_20220831\_00002.jpg



View looking upstream at landscaping on the landside slope (Fall 2019).

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