

## Flood Control Project Maintenance Levee Inspections

### Fall 2024 Levee Maintenance Deficiency Summary Report

#### San Joaquin River Basin

NA0010 ‡ Lower San Joaquin Levee District		Overall LMA Rating	Total LMA Miles						
		<b>M</b>	<b>191.27</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>									
Trim / Thin Trees	0.02		0.02	0.01%					
Encroachments					4.30	0.08			
Animal Control	2.48	1.41	8.12	4.25%					
Erosion / Bank Caving	0.05	0.02	0.13	0.07%					
Erosion / Livestock	3.12	2.86	14.56	7.61%					
Erosion / Vehicle Traffic	0.03	0.01	0.07	0.04%					
Crown Surface / Depressions / Rutting	0.01		0.01	0.01%					
Access Gates	0.05		0.05	0.03%					
<i>Supplemental</i>									
DWR Erosion Survey		1.03	4.12	2.15%					
DWR UCIP Field Study					0.21	0.08			
DWR UCIP LMA Responsibility	1.62	0.38	3.14	1.64%					
<i>LMA Totals:</i>	7.38	5.71	30.22	15.80%	4.51	0.16	0.00	0.00	
<b>Unit No. 01 San Joaquin River RB</b>		Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
NA0010		<b>M *</b>	<b>22.52</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>									
Encroachments					1.48	0.07			
Animal Control	0.06		0.06	0.27%					
Erosion / Livestock	0.02		0.02	0.09%					
Crown Surface / Depressions / Rutting	0.01		0.01	0.04%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.02	0.01			
DWR UCIP LMA Responsibility	0.31	0.20	1.11	4.93%					
<i>Unit Totals:</i>	0.40	0.20	1.20	5.33% *	1.50	0.08	0.00	0.00	
<b>Unit No. 02A San Joaquin River LB</b>		Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
NA0010		<b>M *</b>	<b>7.87</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>									
Encroachments					0.01				
<i>Supplemental</i>									
DWR UCIP LMA Responsibility	0.05	0.05	0.25	3.18%					
<i>Unit Totals:</i>	0.05	0.05	0.25	3.18% *	0.01	0.00	0.00	0.00	

## Flood Control Project Maintenance Levee Inspections

### Fall 2024 Levee Maintenance Deficiency Summary Report

#### San Joaquin River Basin (cont.)

Unit No. 02B San Joaquin River LB NA0010	Overall Unit Rating	Total Unit Miles						
	<b>A</b>	<b>5.92</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>								
Animal Control	0.01		0.01	0.17%				
<i>Supplemental</i>								
DWR UCIP LMA Responsibility	0.09		0.09	1.52%				
<i>Unit Totals:</i>	0.10	0.00	0.10	1.69%	0.00	0.00	0.00	0.00

Unit No. 03 San Joaquin River RB NA0010	Overall Unit Rating	Total Unit Miles						
	<b>A</b>	<b>2.10</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>								
Animal Control	0.03		0.03	1.43%				
<i>Supplemental</i>								
DWR UCIP Field Study						0.01		
DWR UCIP LMA Responsibility	0.03		0.03	1.43%				
<i>Unit Totals:</i>	0.06	0.00	0.06	2.86%	0.00	0.01	0.00	0.00

Unit No. 04 San Joaquin River LB NA0010	Overall Unit Rating	Total Unit Miles						
	<b>A</b>	<b>1.41</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>Supplemental</i>								
DWR UCIP LMA Responsibility	0.05		0.05	3.55%				
<i>Unit Totals:</i>	0.05	0.00	0.05	3.55%	0.00	0.00	0.00	0.00

Unit No. 05 East Side Bypass RB NA0010	Overall Unit Rating	Total Unit Miles						
	<b>M</b>	<b>34.85</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>								
Trim / Thin Trees	0.02		0.02	0.06%				
Encroachments					0.03	0.01		
Animal Control	0.30	0.12	0.78	2.24%				
Erosion / Bank Caving	0.05	0.02	0.13	0.37%				
Erosion / Livestock	0.76	0.22	1.64	4.71%				
<i>Supplemental</i>								
DWR Erosion Survey		0.88	3.52	10.10%				
DWR UCIP Field Study					0.03	0.01		
DWR UCIP LMA Responsibility	0.44	0.07	0.72	2.07%				
<i>Unit Totals:</i>	1.57	1.31	6.81	19.54%	0.06	0.02	0.00	0.00

## Flood Control Project Maintenance Levee Inspections

### Fall 2024 Levee Maintenance Deficiency Summary Report

#### San Joaquin River Basin (cont.)

Unit No. 06 East Side Bypass LB		Overall Unit Rating	Total Unit Miles						
NA0010		<b>U</b>	<b>36.47</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>									
Encroachments					2.72				
Animal Control	0.76	0.37	2.24	6.14%					
Erosion / Livestock	2.17	1.82	9.45	25.91%					
Access Gates	0.02		0.02	0.06%					
<i>Supplemental</i>									
DWR Erosion Survey		0.12	0.48	1.32%					
DWR UCIP Field Study					0.06				
DWR UCIP LMA Responsibility	0.23	0.03	0.35	0.96%					
<i>Unit Totals:</i>	3.18	2.34	12.54	34.38%	2.78	0.00	0.00	0.00	

  

Unit No. 07 Bear Creek Bypass RB		Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
NA0010		<b>M *</b>	<b>3.62</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>									
Animal Control	0.01		0.01	0.28%					
Erosion / Livestock	0.01		0.01	0.28%					
<i>Supplemental</i>									
DWR UCIP LMA Responsibility	0.06	0.01	0.10	2.76%					
<i>Unit Totals:</i>	0.08	0.01	0.12	3.32% *	0.00	0.00	0.00	0.00	

  

Unit No. 08 Bear Creek Bypass LB		Overall Unit Rating	Total Unit Miles						
NA0010		<b>A</b>	<b>3.63</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>									
Animal Control	0.03		0.03	0.83%					
Erosion / Livestock	0.02		0.02	0.55%					
<i>Supplemental</i>									
DWR UCIP LMA Responsibility	0.04		0.04	1.10%					
<i>Unit Totals:</i>	0.09	0.00	0.09	2.48%	0.00	0.00	0.00	0.00	

  

Unit No. 09 Owens Creek Bypass RB		Overall Unit Rating	Total Unit Miles						
NA0010		<b>A</b>	<b>0.87</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>									
Animal Control	0.02		0.02	2.29%					
<i>Supplemental</i>									
DWR UCIP LMA Responsibility	0.02		0.02	2.29%					
<i>Unit Totals:</i>	0.04	0.00	0.04	4.57%	0.00	0.00	0.00	0.00	

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### San Joaquin River Basin (cont.)

Unit No. 10 Owens Creek Bypass LB		Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
NA0010		M *	0.80						
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>									
Access Gates	0.01		0.01	1.26%					
<i>Supplemental</i>									
DWR UCIP LMA Responsibility		0.01	0.04	5.02%					
<i>Unit Totals:</i>	0.01	0.01	0.05	6.28% *	0.00	0.00	0.00	0.00	

  

Unit No. 11 Mariposa Bypass RB		Overall Unit Rating	Total Unit Miles						
NA0010		A	3.31						
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>Supplemental</i>									
DWR UCIP LMA Responsibility	0.04		0.04	1.21%					
<i>Unit Totals:</i>	0.04	0.00	0.04	1.21%	0.00	0.00	0.00	0.00	

  

Unit No. 12 Mariposa Bypass LB		Overall Unit Rating	Total Unit Miles						
NA0010		A	3.33						
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>									
Animal Control	0.01		0.01	0.30%					
<i>Supplemental</i>									
DWR UCIP LMA Responsibility	0.05		0.05	1.50%					
<i>Unit Totals:</i>	0.06	0.00	0.06	1.80%	0.00	0.00	0.00	0.00	

  

Unit No. 13 Ash Slough RB		Overall Unit Rating	Total Unit Miles						
NA0010		M	1.27						
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>									
Encroachments					0.01				
Animal Control		0.05	0.20	15.79%					
<i>Supplemental</i>									
DWR UCIP LMA Responsibility	0.02		0.02	1.58%					
<i>Unit Totals:</i>	0.02	0.05	0.22	17.37%	0.01	0.00	0.00	0.00	

  

Unit No. 14 Ash Slough LB		Overall Unit Rating	Total Unit Miles						
NA0010		A	1.28						
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>Supplemental</i>									
DWR UCIP Field Study					0.01				
DWR UCIP LMA Responsibility	0.01		0.01	0.78%					
<i>Unit Totals:</i>	0.01	0.00	0.01	0.78%	0.01	0.00	0.00	0.00	

## Flood Control Project Maintenance Levee Inspections

### Fall 2024 Levee Maintenance Deficiency Summary Report

#### San Joaquin River Basin (cont.)

Unit No. 15 Berenda Slough RB		Overall Unit Rating	Total Unit Miles						
NA0010		<b>A</b>	<b>2.03</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>									
Animal Control	0.02		0.02	0.99%					
<i>Supplemental</i>									
DWR UCIP LMA Responsibility	0.03		0.03	1.48%					
<i>Unit Totals:</i>	0.05	0.00	0.05	2.46%	0.00	0.00	0.00	0.00	

  

Unit No. 16 Berenda Slough LB		Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
NA0010		<b>M *</b>	<b>1.96</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>									
Animal Control	0.03	0.03	0.15	7.64%					
<i>Supplemental</i>									
DWR UCIP LMA Responsibility	0.01		0.01	0.51%					
<i>Unit Totals:</i>	0.04	0.03	0.16	8.15% *	0.00	0.00	0.00	0.00	

  

Unit No. 17 Chowchilla Canal Bypass RB		Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
NA0010		<b>M *</b>	<b>16.09</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>									
Animal Control	0.17	0.02	0.25	1.55%					
Erosion / Vehicle Traffic	0.01		0.01	0.06%					
<i>Supplemental</i>									
DWR UCIP LMA Responsibility	0.05		0.05	0.31%					
<i>Unit Totals:</i>	0.23	0.02	0.31	1.93% *	0.00	0.00	0.00	0.00	

  

Unit No. 18 Chowchilla Canal Bypass LB		Overall Unit Rating	Total Unit Miles						
NA0010		<b>U</b>	<b>15.35</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>									
Encroachments					0.01				
Animal Control	0.86	0.65	3.46	22.54%					
Erosion / Vehicle Traffic	0.01	0.01	0.05	0.33%					
Access Gates	0.01		0.01	0.07%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.04				
<i>Unit Totals:</i>	0.88	0.66	3.52	22.93%	0.05	0.00	0.00	0.00	

## Flood Control Project Maintenance Levee Inspections

### Fall 2024 Levee Maintenance Deficiency Summary Report

#### San Joaquin River Basin (cont.)

Unit No. 22A East Side Canal LB NA0010	Overall Unit Rating	Total Unit Miles						
	<b>U</b>	<b>5.51</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>								
Encroachments					0.01			
Animal Control	0.04		0.04	0.73%				
Erosion / Livestock	0.14	0.82	3.42	62.12%				
Access Gates	0.01		0.01	0.18%				
<i>Supplemental</i>								
DWR Erosion Survey		0.03	0.12	2.18%				
DWR UCIP Field Study					0.02	0.01		
DWR UCIP LMA Responsibility	0.01		0.01	0.18%				
<i>Unit Totals:</i>	0.20	0.85	3.60	65.39%	0.03	0.01	0.00	0.00

Unit No. 23 San Joaquin River RB NA0010	Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
	<b>M *</b>	<b>10.24</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>								
Encroachments					0.01			
Animal Control	0.06		0.06	0.59%				
Erosion / Vehicle Traffic	0.01		0.01	0.10%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.03	0.03		
DWR UCIP LMA Responsibility	0.03	0.01	0.07	0.68%				
<i>Unit Totals:</i>	0.10	0.01	0.14	1.37% *	0.04	0.03	0.00	0.00

Unit No. 24 San Joaquin River LB NA0010	Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
	<b>M *</b>	<b>8.36</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>								
Encroachments					0.02			
Animal Control	0.07	0.17	0.75	8.97%				
<i>Supplemental</i>								
DWR UCIP Field Study						0.01		
DWR UCIP LMA Responsibility	0.05		0.05	0.60%				
<i>Unit Totals:</i>	0.12	0.17	0.80	9.57% *	0.02	0.01	0.00	0.00

Unit No. 25 Salt Slough RB NA0010	Overall Unit Rating	Total Unit Miles						
	<b>A</b>	<b>2.49</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
No Items								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%				

‡ Some areas within the LMA are under construction and as such, the contractor has operation and maintenance obligations in those areas during project construction and closeout.

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

**Lower San Joaquin Levee District**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			<b>M</b>	

\*\* 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**

**Lower San Joaquin Levee District**

Waterway		Bank	Unit Miles
Unit No. 01 San Joaquin River		Right	22.52

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M *	
Date of Inspection	3/12/2024 - 3/12/2024		10/21/2024 - 10/24/2024	
DWR Inspector	Corey Fujitani		Corey Fujitani	
Accompanied By				

\* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

**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.*