

**Flood Control Project Maintenance
Levee Inspections**

Fall 2015 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin

RD2058	Overall LMA Rating	Total LMA Miles	* 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.					
Reclamation District No. 2058	M *	6.58						
Pescadero								
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	0.02		0.02	0.30%				
Encroachments					0.06	0.03		
Erosion / Bank Caving		0.01	0.04	0.61%				
<i>Supplemental</i>								
DWR Erosion Survey	0.04		0.04	0.61%				
DWR UCIP Field Study					0.06	0.01		
<i>LMA Totals:</i>	0.06	0.01	0.10	1.52% *	0.12	0.04	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2015 Levee Inspection Results

Reclamation District No. 2058 Pescadero

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

** 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

Fall 2015 Levee Inspection Results

Reclamation District No. 2058 Pescadero

Waterway		Bank	Unit Miles
Unit No. 01 Paradise Cut		Left	6.58

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	05/12/2015 - 05/12/2015		10/27/2015 - 10/27/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Greg Pombo RD2058		Greg Pombo RD2058 Joe Navaro RD2058	

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 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD2058_01_s_2013_6				
Action/Comments					
Inspector Comments: The LMA has current flood fight training.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD2058_01_s_2013_7				
Action/Comments					
Inspector Comments: Flood fight supplies are available on-site at the office.					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD2058_01_s_2013_9				
Action/Comments					
Inspector Comments: The O&M Manual is available at the district office.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ 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 - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	Rating **	M	Issue No.	975
LM End	Issue Type +	En	Location *	N/A
Category	Supplemental	GPS Latitude/Longitude		
		Start	End	
Item	DWR UCIP Field Study	37.803886 °	37.803886 °	
		-121.386271 °	-121.386271 °	
DWR ID				
Action/Comments				
Inspector Comments: FS_ID:46770 DS_ID:22706 EP_NO: N/A FS_HLM: 2.142 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Leaky and damaged siphon breaker on waterside shoulder. Update: leaky siphon breaker at LM 2.14 repaired per Spring 2015 Inspection Report. Need to confirm repair was done at this location. FIELD_STRUCT_DESC: 16-inch steel stormdrain pipe 8.0-feet below the crown. Siphon Breaker on waterward shoulder. Pump on concrete sump on landside. Originally included in the 1964 O&M manual, SJR 10, March 1964. FS Date: 05/13/2015				

Photo 1 of 3 : UCIP_FA_2015_2637.jpg



WS view: Upper part of the siphon breaker missing.

Photo 2 of 3 : UCIP_FA_2015_2638.jpg



WS view: siphon breaker on concrete pad on levee slope.

LM Start	Rating **	M	Issue No.	975 (cont)
LM End	Issue Type +	En	Location *	N/A

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	Rating **	M	Issue No.	975 (cont)	
LM End	Issue Type +	En	Location *	N/A	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.803886 °	37.803886 °	
			-121.386271 °	-121.386271 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46770 DS_ID:22706 EP_NO: N/A FS_HLM: 2.142 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2639.jpg



WS view: exposed steel pipe (right) on channel bank.

LM Start	0.14	Rating **	C	Issue No.	562
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.803271 °	37.803271 °	
			-121.419533 °	-121.419533 °	
DWR ID	DWR_RD2058_01_s_2015_562				
Action/Comments					
Debris Inspector Comments: Debris contains asphalt.					

No Photos

LM Start	0.23	Rating **	A/W	Issue No.	4
LM End	0.23	Issue Type +	Ob	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.804351 °	37.804351 °	
			-121.418433 °	-121.418433 °	
DWR ID	DWR_RD2058_01_f_2013_4				
Action/Comments					
Environmental Requirements. Inspector Comments: Wild rose on the levee. This area is riparian rabbit habitat.					

Photo 1 of 1 : FA_2015_RD2058_111_4_20150910_00003.jpg



View of the wild rose habitat for the brush rabbit.

* 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 - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	0.50	Rating **	C	Issue No.	301
LM End	0.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.802932 °	37.802932 °
				-121.414652 °	-121.414652 °
DWR ID	DWR_RD2058_01_s_2014_301				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.72	Rating **	M	Issue No.	976
LM End	0.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.801792 °	37.801792 °
				-121.410921 °	-121.410921 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45843 DS_ID:22700 EP_NO: 5055 FS_HLM: 0.728 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Excessive oil leakage. FIELD_STRUCT_DESC: 16-inch steel stormdrain pipe through levee 3.8 feet below crown. Pump on concrete sump on landside. Siphon breaker under protective cover on the waterward slope (Permit No. 5055, 1666). FS Date: 05/12/2015					

Photo 1 of 3 : UCIP_FA_2015_2635.jpg



LS view: exposed pipe and vertical pump on concrete sump on drain ditch.

* 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 - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	0.72	Rating **	M	Issue No.	976 (cont)
LM End	0.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.801792 °	37.801792 °
				-121.410921 °	-121.410921 °
DWR ID					

Action/Comments
 Inspector Comments: FS_ID:45843
 DS_ID:22700
 EP_NO: 5055
 FS_HLM: 0.728
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Excessive oil leakage.
 FIELD_STRUCT_DESC: 16-inch steel stormdrain pipe through levee 3.8 feet below crown. Pump on concrete sump on landside. Siphon breaker under protective cover on the waterward slope (Permit No. 5055, 1666).
 FS Date: 05/12/2015

LM Start	0.72	Rating **	M	Issue No.	976 (cont)
LM End	0.72	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_6316.jpg



WS view: siphon breaker in protective casing.

Photo 3 of 3 : UCIP_FA_2015_6317.jpg



LS view: closeup of pump showing excessive oil leakage.

* 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 - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	1.21	Rating **	M	Issue No.	977
LM End	1.21	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.802249 °	37.802249 °
				-121.402183 °	-121.402183 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45847 DS_ID:22693 EP_NO: 10426 FS_HLM: 1.225 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 1 : UCIP_FA_2015_5861.jpg



View of LS. Alignment of Crossing to right of canal at dirt access road.

LM Start	1.22	Rating **	U	Issue No.	978
LM End	1.22	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.802301 °	37.802301 °
				-121.401977 °	-121.401977 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45850 DS_ID:22694 EP_NO: 11546 FS_HLM: 1.237 Repair Type: Urgent Crossing Status: Found UCIP Comments: Erosion on west side of pipe at W/S toe. FIELD_STRUCT_DESC: 18-inch steel stormdrain pipe through the levee 2-feet below the crown. Pump in ditch on the landward side. Siphon breaker on waterside shoulder. Electrical service pole at the landward toe. Permit No. 11546, 1976. FS Date: 05/13/2015					

Photo 1 of 1 : UCIP_FA_2015_2636.jpg



WS view: siphon breaker hole. Siphon breaker removed for repair.

* 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 - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	1.70	Rating **	A/W	Issue No.	961
LM End	1.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.804333 °	37.804615 °	
			-121.393657 °	-121.392588 °	
DWR ID	DWR_RD2058_01_s_2012_961				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: LMA removed vegetation fall 2015.					

Photo 1 of 1 : FA_2015_RD2058_111_961_20150910_00020.jpg



View if the overgrown vegetation on the waterside slope to be removed.

LM Start	1.82	Rating **	U	Issue No.	11
LM End	1.82	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.804785 °	37.804785 °	
			-121.391524 °	-121.391524 °	
DWR ID	DWR_RD2058_01_f_2013_11				
Action/Comments					
Material Inspector Comments: Pile of concrete contains rebar on landside slope obstructing visibility and access.					

Photo 1 of 1 : FA_2015_RD2058_111_11_20150910_00004.jpg



View of the concrete with rebar placed on the landside slope.

LM Start	1.85	Rating **	A	Issue No.	14
LM End	1.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.804801 °	37.804801 °	
			-121.390950 °	-121.390950 °	
DWR ID	DWR_RD2058_01_f_2015_14				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2015_RD2058_111_14_20151112_00025.jpg



View of the acceptable vegetation control on the landside levee slope.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	2.63	Rating **	A/W	Issue No.	64
LM End	2.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.801876 °	37.801876 °	
			-121.377291 °	-121.377291 °	
DWR ID	DWR_RD2058_01_s_2012_64				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	2.64	Rating **	A/W	Issue No.	65
LM End	2.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.801823 °	37.801823 °	
			-121.377068 °	-121.377068 °	
DWR ID	DWR_RD2058_01_s_2012_65				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	2.72	Rating **	A/W	Issue No.	66
LM End	2.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.801497 °	37.801497 °	
			-121.375586 °	-121.375586 °	
DWR ID	DWR_RD2058_01_s_2012_66				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

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 - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	2.75	Rating **	A/W	Issue No.	17
LM End	2.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.801367 °	37.801367 °	
			-121.375094 °	-121.375094 °	
DWR ID	DWR_RD2058_01_f_2015_17				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: LMA removed vegetation fall 2015.					

Photo 1 of 1 : FA_2015_RD2058_111_17_20151112_00026.jpg



View of the willows on the waterside levee slope.

LM Start	3.37	Rating **	A/W	Issue No.	27
LM End	3.37	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.796421 °	37.796421 °	
			-121.366254 °	-121.366254 °	
DWR ID	DWR_RD2058_01_s_2012_27				
Action/Comments					
Pipe Inspector Comments: Drainage discharge.					

No Photos

LM Start	3.53	Rating **	A/W	Issue No.	68
LM End	3.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.794396 °	37.794396 °	
			-121.364944 °	-121.364944 °	
DWR ID	DWR_RD2058_01_s_2012_68				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: The LMA maintains the shrub to allow visibility.					

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
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Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	3.72	Rating **	M	Issue No.	974
LM End	3.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.791856 °	37.791856 °	
			-121.363514 °	-121.363514 °	
DWR ID	DWR_RD2058_01_s_2012_974				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Flagged bushes obstructing visibility and access.					

No Photos

LM Start	3.80	Rating **	A/W	Issue No.	20
LM End	3.80	Issue Type +	Ob	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.790807 °	37.790807 °	
			-121.362905 °	-121.362905 °	
DWR ID	DWR_RD2058_01_s_2012_20				
Action/Comments					
Environmental Requirements. Inspector Comments: Revegetation site.					

Photo 1 of 1 : FA_2015_RD2058_111_20_20150910_00008.jpg



11/08/2011 Revegetation site, cannot trim or cut vegetation in this area.

LM Start	3.91	Rating **	A/W	Issue No.	22
LM End	3.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.789434 °	37.789434 °	
			-121.361721 °	-121.361721 °	
DWR ID	DWR_RD2058_01_s_2014_22				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: LMA removed vegetation in Fall 2015.					

Photo 1 of 1 : FA_2015_RD2058_111_22_20150910_00009.jpg



View of the tall vegetation on the landside levee slope and toe.

* Location LS : Land Side 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. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	3.96	Rating **	M	Issue No.	26
LM End	3.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.789128 °	37.789128 °	
			-121.361042 °	-121.361042 °	
DWR ID	DWR_RD2058_01_s_2012_26				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry on landside hinge point.					

No Photos

LM Start	3.97	Rating **	A/W	Issue No.	69
LM End	3.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.789062 °	37.789062 °	
			-121.360848 °	-121.360848 °	
DWR ID	DWR_RD2058_01_s_2012_69				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	4.31	Rating **	A/W	Issue No.	71
LM End	4.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.789794 °	37.789794 °	
			-121.354883 °	-121.354883 °	
DWR ID	DWR_RD2058_01_s_2012_71				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

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 - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	4.43	Rating **	M	Issue No.	1
LM End	4.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.789810 °	37.789810 °
				-121.352490 °	-121.352490 °
DWR ID					

Photo 1 of 3 : SJR2015_RD2058U01RM3.97_13.jpg



Action/Comments

Inspector Comments: 08/04/2015: No significant change observed.
 08/26/2014: No significant change observed.
 08/28/2013: No significant change observed.
 07/26/2012: The site has been visited, and no significant change has been observed.
 09/02/2011: This site was not visited due to the time limit.
 09/22/2010: No significant change observed. Minor pocket erosions are lined at the lower bank. Two large Oak and Willow trees are on mid-slope and bench. The remaining bench was re-measured and found to be approximately 10 feet. There was no indication of active erosion on site during the site visit.
 08/05/2010: Recommended for annual assessment and monitoring of the site during flood events, per CLRO.
 07/23/2009: No major change observed since last visit; site is a 200-ft. long near-vertical berm erosion; recommend annual assessment and monitoring of the erosion site, per CLRO CES Evaluation 2008 Report; Site # is the same site previously reported as RM4.0,LM4.51; previously rated "U".
 09/10/2008: Two large trees (2-3' DBH) with partial roots exposed.
 2007: Visited site 03/13/2007. [2015 Site ID:RD2058U01RM3.97]

Direct view of the erosion near a tree.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	4.43	Rating **	M	Issue No.	1 (cont)
LM End	4.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.789810 °	37.789810 °
				-121.352490 °	-121.352490 °
DWR ID					

Photo 2 of 3 : SJR2015_RD2058U01RM3.97_2.jpg



Direct view of the erosion near a tree.

Action/Comments

Inspector Comments: 08/04/2015: No significant change observed.
 08/26/2014: No significant change observed.
 08/28/2013: No significant change observed.
 07/26/2012: The site has been visited, and no significant change has been observed.
 09/02/2011: This site was not visited due to the time limit.
 09/22/2010: No significant change observed. Minor pocket erosions are lined at the lower bank. Two large Oak and Willow trees are on mid-slope and bench. The remaining bench was re-measured and found to be approximately 10 feet. There was no indication of active erosion on site during the site visit.
 08/05/2010: Recommended for annual assessment and monitoring of the site during flood events, per CLRO.
 07/23/2009: No major change observed since last visit; site is a 200-ft. long near-vertical berm erosion; recommend annual assessment and monitoring of the erosion site, per CLRO CES Evaluation 2008 Report; Site # is the same site previously reported as RM4.0,LM4.51; previously rated "U".
 09/10/2008: Two large trees (2-3' DBH) with partial roots exposed.
 2007: Visited site 03/13/2007. [2015 Site ID:RD2058U01RM3.97]

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	4.43	Rating **	M	Issue No.	1 (cont)
LM End	4.47	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.789810 °	37.789810 °	
			-121.352490 °	-121.352490 °	
DWR ID					
Action/Comments					
Inspector Comments: 08/04/2015: No significant change observed. 08/26/2014: No significant change observed. 08/28/2013: No significant change observed. 07/26/2012: The site has been visited, and no significant change has been observed. 09/02/2011: This site was not visited due to the time limit. 09/22/2010: No significant change observed. Minor pocket erosions are lined at the lower bank. Two large Oak and Willow trees are on mid-slope and bench. The remaining bench was re-measured and found to be approximately 10 feet. There was no indication of active erosion on site during the site visit. 08/05/2010: Recommended for annual assessment and monitoring of the site during flood events, per CLRO. 07/23/2009: No major change observed since last visit; site is a 200-ft. long near-vertical berm erosion; recommend annual assessment and monitoring of the erosion site, per CLRO CES Evaluation 2008 Report; Site # is the same site previously reported as RM4.0,LM4.51; previously rated "U". 09/10/2008: Two large trees (2-3' DBH) with partial roots exposed. 2007: Visited site 03/13/2007. [2015 Site ID:RD2058U01RM3.97]					

Photo 3 of 3 : SJR2015_RD2058U01RM3.97_5.jpg



Direct view of a pocket erosion site.

LM Start	4.77	Rating **	U	Issue No.	15
LM End	4.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.785862 °	37.785862 °	
			-121.350303 °	-121.350303 °	
DWR ID	DWR_RD2058_01_f_2013_15				
Action/Comments					
Note and monitor erosion site. Inspector Comments: The erosion has about a 3 foot vertical cut at the waterside levee toe.					

Photo 1 of 1 : FA_2015_RD2058_111_15_20150910_00006.jpg



View of the erosion at the waterside levee toe.

* 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 - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	4.81	Rating **	A/W	Issue No.	18
LM End	4.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.785265 °	37.785265 °	
			-121.350060 °	-121.350060 °	
DWR ID	DWR_RD2058_01_f_2015_18				
Action/Comments					
Trim trees to at least five feet above ground level. Inspector Comments: LMA trimmed the tree fall 2015.					

Photo 1 of 1 : FA_2015_RD2058_111_18_20151112_00027.jpg



View of the branch touching the waterside levee slope.

LM Start	5.10	Rating **	U	Issue No.	29
LM End	5.10	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.783102 °	37.783102 °	
			-121.345682 °	-121.345682 °	
DWR ID	DWR_RD2058_01_s_2012_29				
Action/Comments					
Ramp Inspector Comments: New ramp construction connecting dairy to levee. Construction of ramp results in a new pond on the landside of the levee. 2/21/2012, owner has said that he will contact the CVFPB to resolve this issue.					

Photo 1 of 3 : FA_2015_RD2058_111_29_20150910_00011.jpg



11/08/2011 New ramp has been constructed by Dairy farmer connecting his barns to the levee.

LM Start	5.10	Rating **	U	Issue No.	29 (cont)
LM End	5.10	Issue Type +	En	Location *	LS

Photo 2 of 3 : FA_2015_RD2058_111_29_20150910_00012.jpg



Completed new ramp constructed by Dairy farmer connecting his barns to the levee.

* 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 - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	5.10	Rating **	U	Issue No.	29 (cont)
LM End	5.10	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.783102 °	37.783102 °	
			-121.345682 °	-121.345682 °	
DWR ID	DWR_RD2058_01_s_2012_29				
Action/Comments					
Ramp Inspector Comments: New ramp construction connecting dairy to levee. Construction of ramp results in a new pond on the landside of the levee. 2/21/2012, owner has said that he will contact the CVFPB to resolve this issue.					

Photo 3 of 3 : FA_2015_RD2058_111_29_20150910_00013.jpg



11/08/2011 New ramp has been constructed by Dairy farmer connecting his barns to the levee.

LM Start	5.29	Rating **	U	Issue No.	30
LM End	5.29	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.782268 °	37.782268 °	
			-121.342257 °	-121.342257 °	
DWR ID	DWR_RD2058_01_s_2012_30				
Action/Comments					
Ramp Inspector Comments: Ramp constructed to dairy. Raised ramps, see issue 29 are creating new holding ponds for dairy at levee toe.					

Photo 1 of 3 : FA_2015_RD2058_111_30_20150910_00014.jpg



11/08/2011 Photo shows existing middle ramp to the levee which has been raised.

LM Start	5.29	Rating **	U	Issue No.	30 (cont)
LM End	5.29	Issue Type +	En	Location *	LS

Photo 2 of 3 : FA_2015_RD2058_111_30_20150910_00015.jpg



Completed new ramp constructed by Dairy farmer connecting his barns to the levee.

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	5.29	Rating **	U	Issue No.	30 (cont)
LM End	5.29	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.782268 °	37.782268 °	
			-121.342257 °	-121.342257 °	
DWR ID	DWR_RD2058_01_s_2012_30				
Action/Comments					
Ramp Inspector Comments: Ramp constructed to dairy. Raised ramps, see issue 29 are creating new holding ponds for dairy at levee toe.					

Photo 3 of 3 : FA_2015_RD2058_111_30_20150910_00016.jpg



11/08/2011 Photo shows view from the levee looking to the left of the middle ramp.

LM Start	6.46	Rating **	M	Issue No.	979
LM End	6.46	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.770158 °	37.770158 °	
			-121.329430 °	-121.329430 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45769 DS_ID:25078 EP_NO: 13262 FS_HLM: 6.583 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Owner needs to install sign at crossing. FIELD_STRUCT_DESC: 3 of 3: 4-inch communication conduit encased in concrete through levee 3.0 feet below crown. Sign on both banks of levee. Manhole on both sides of Manthey Rd at utility crossing. (Permit No. 13262, 1981) FS Date: 05/13/2015					

Photo 1 of 3 : UCIP_FA_2015_5855.jpg



Cuts in pavement visible appr. 450 ft from WS toe.

* 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 - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	6.46	Rating **	M	Issue No.	979 (cont)
LM End	6.46	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.770158 °	37.770158 °
				-121.329430 °	-121.329430 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45769 DS_ID:25078 EP_NO: 13262 FS_HLM: 6.583 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Owner needs to install sign at crossing. FIELD_STRUCT_DESC: 3 of 3: 4-inch communication conduit encased in concrete through levee 3.0 feet below crown. Sign on both banks of levee. Manhole on both sides of Manthey Rd at utility crossing. (Permit No. 13262, 1981) FS Date: 05/13/2015					

Photo 2 of 3 : UCIP_FA_2015_5856.jpg



Comm sign and Pac Bell manhole appr. 600 ft from LS toe.

LM Start	6.46	Rating **	M	Issue No.	979 (cont)
LM End	6.46	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_FA_2015_5857.jpg



Pipes visible under Manthey Rd Bridge at Paradise Cut.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	6.46	Rating **	M	Issue No.	980
LM End	6.46	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.770158 °	37.770158 °
				-121.329430 °	-121.329430 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45871 DS_ID:22701 EP_NO: 13262 FS_HLM: 6.583 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP_FA_2015_6020.jpg



Pipes visible under Manthey Rd Bridge at Paradise Cut.

LM Start	6.46	Rating **	M	Issue No.	980 (cont)
LM End	6.46	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_6021.jpg



Pipes visible under Manthey Rd Bridge at Paradise Cut.

* 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 - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	6.46	Rating **	M	Issue No.	980 (cont)
LM End	6.46	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.770158 °	37.770158 °
				-121.329430 °	-121.329430 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45871 DS_ID:22701 EP_NO: 13262 FS_HLM: 6.583 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_6320.jpg



Comm sign and Pac Bell manhole appr. 600 ft from LS toe.

LM Start	6.46	Rating **	M	Issue No.	981
LM End	6.46	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.770159 °	37.770159 °
				-121.329426 °	-121.329426 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45768 DS_ID:25077 EP_NO: 13262 FS_HLM: 6.583 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Owner needs to install signs at crossing. FIELD_STRUCT_DESC: 2 of 3: 4-inch communication conduit encased in concrete through levee 3.0 feet below crown. Sign on both banks of levee. Manhole on both sides of Manthey Rd at utility crossing. (Permit No. 13262, 1981) FS Date: 05/13/2015					

Photo 1 of 3 : UCIP_FA_2015_5852.jpg



Pipes visible under Manthey Rd Bridge at Paradise Cut

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	10/27/2015 10/27/2015	Maksim Khashchuk

LM Start	6.46	Rating **	M	Issue No.	981 (cont)
LM End	6.46	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.770159 °	37.770159 °
				-121.329426 °	-121.329426 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45768 DS_ID:25077 EP_NO: 13262 FS_HLM: 6.583 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Owner needs to install signs at crossing. FIELD_STRUCT_DESC: 2 of 3: 4-inch communication conduit encased in concrete through levee 3.0 feet below crown. Sign on both banks of levee. Manhole on both sides of Manthey Rd at utility crossing. (Permit No. 13262, 1981) FS Date: 05/13/2015					

Photo 2 of 3 : UCIP_FA_2015_5853.jpg



Cuts in pavement visible appr. 450 ft from WS toe.

LM Start	6.46	Rating **	M	Issue No.	981 (cont)
LM End	6.46	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_FA_2015_5854.jpg



Comm sign and Pac Bell manhole appr. 600 ft from LS toe.

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