

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

Lake County Watershed Protection District

	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

Lake County Watershed Protection District

Waterway		Bank	Unit Miles
Unit No. 01 Middle Creek		Left	3.35

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/2/2016 - 5/2/2016			
DWR Inspector	Keith Millard			
Accompanied By	Tom Smythe Lake County			
	Will Evans Lake County			

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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	05/02/2016 05/02/2016	Keith Millard

LM Start		Rating **	A	Issue No.	1
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_NA0009_01_s_2013_1				
Comment Code					
Inspector Comment					
The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_NA0009_01_s_2013_9				
Comment Code					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_NA0009_01_s_2013_10				
Comment Code					
Inspector Comment					
The LMA completed flood fight training in 2014.					

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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	05/02/2016 05/02/2016	Keith Millard

LM Start	0.12	Rating **	C	Issue No.	12
LM End	0.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.188877 °	39.188877 °
				-122.907581 °	-122.907581 °
DWR ID	DWR_NA0009_01_s_2013_12				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

LM Start	0.14	Rating **	M	Issue No.	24
LM End	0.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.188465 °	39.187392 °
				-122.907687 °	-122.907885 °
DWR ID	DWR_NA0009_01_f_2015_24				
Comment Code					
FE : Fence					
Inspector Comment					
Remove the fence from the landside toe.					

Photo 1 of 1 : SP_2016_NA0009_3_24_20160321_00015.jpg



View of the fence along the landside toe.

LM Start	0.26	Rating **	M	Issue No.	29
LM End	0.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.186784 °	39.186460 °
				-122.908103 °	-122.908288 °
DWR ID	DWR_NA0009_01_s_2016_29				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	05/02/2016 05/02/2016	Keith Millard

LM Start	0.26	Rating **	M	Issue No.	11
LM End	0.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.186777 °	39.186777 °
				-122.908102 °	-122.908102 °
DWR ID	DWR_NA0009_01_s_2013_11				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove the trees from the landside slope.					

Photo 1 of 2 : SP_2016_NA0009_3_11_20160321_00005.jpg



Remove the trees from the landside slope.

LM Start	0.26	Rating **	M	Issue No.	11 (cont)
LM End	0.26	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2016_NA0009_3_11_20160321_00006.jpg



Remove the trees from the landside slope.

LM Start	0.32	Rating **	M	Issue No.	21
LM End	0.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.186055 °	39.186055 °
				-122.908583 °	-122.908583 °
DWR ID	DWR_NA0009_01_f_2015_21				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the landside slope.					

Photo 1 of 1 : SP_2016_NA0009_3_21_20160321_00013.jpg



Remove the prunings from the landside slope.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	05/02/2016 05/02/2016	Keith Millard

LM Start	0.56	Rating **	M	Issue No.	535
LM End	0.56	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.183519 °	39.183519 °
				-122.911379 °	-122.911379 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26943 DS_ID:21193 EP_NO: 5237 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch steel pipe possibly sleeved through an 8-inch steel pipe, 3.0-feet below the crown. Siphon breaker in 24-inch CMP riser on the landward slope. Reinforced concrete cutoff wall at center of levee. Butterfly valve on the waterward side at pump on concrete base on the waterward bank, installed under Permit No. 5237 (1971). Pole on the waterward berm, with overhead power line supplying electricity to pump. Originally included in the 1961 O+M manual. FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_SP_2016_26943_49782.jpg



Pipe and siphon breaker visible on LS slope.

LM Start	0.56	Rating **	M	Issue No.	535 (cont)
LM End	0.56	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_26943_49781.jpg



Power pole, meter, and pump visible on WS berm.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	05/02/2016 05/02/2016	Keith Millard

LM Start	0.84	Rating **	M	Issue No.	536
LM End	0.84	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.179534 °	39.179534 °
				-122.912512 °	-122.912512 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26946 DS_ID:21196 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump and pipe appear abandoned and should be done so properly. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 3.0 feet below the crown. Siphon breaker in 24-inch CMP riser on landward slope. Pump on the waterward bank with a butterfly valve. Service pole on the waterward berm. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.83). FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_SP_2016_26946_49789.jpg



Siphon breaker in 24-inch cmp riser with vent on LS shoulder.

LM Start	0.84	Rating **	M	Issue No.	536 (cont)
LM End	0.84	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_26946_49788.jpg



Pump, pole, and meter on WS berm.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	05/02/2016 05/02/2016	Keith Millard

LM Start	1.13	Rating **	U	Issue No.	28
LM End	1.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.175718 °	39.175718 °	
			-122.911618 °	-122.911618 °	
DWR ID	DWR_NA0009_01_s_2016_28				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0009_3_28_20160509_00031.jpg



5/2/2016: Trim trees and clear vegetation on L/S slope.

LM Start	1.15	Rating **	M	Issue No.	27
LM End	1.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.175465 °	39.172077 °	
			-122.912012 °	-122.914226 °	
DWR ID	DWR_NA0009_01_s_2016_27				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Orchard trees should be trimmed to 5' above LS slope.					

Photo 1 of 1 : SP_2016_NA0009_3_27_20160509_00030.jpg



5/2/2016: Trip trees on L/S slope.

LM Start	1.57	Rating **	M	Issue No.	290
LM End	1.57	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.169918 °	39.169918 °	
			-122.915197 °	-122.915197 °	
DWR ID	DWR_NA0009_01_f_2014_290				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0009_3_290_20160321_00016.jpg



View of the prunings along the landside 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 - Spring 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	05/02/2016 05/02/2016	Keith Millard

LM Start	2.12	Rating **	U	Issue No.	26
LM End	2.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.161995 °	39.161995 °
				-122.915383 °	-122.915383 °
DWR ID	DWR_NA0009_01_s_2016_26				
Comment Code					
MA : Material					
Inspector Comment					
Remove large gravel piles from LS toe.					

Photo 1 of 1 : SP_2016_NA0009_3_26_20160509_00029.jpg



5/2/2016: Remove large gravel piles from LS toe.

LM Start	2.29	Rating **	M	Issue No.	13
LM End	2.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.160285 °	39.160285 °
				-122.913481 °	-122.913481 °
DWR ID	DWR_NA0009_01_s_2013_13				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Unchanged from 2013 photo.					

Photo 1 of 1 : SP_2016_NA0009_3_13_20160321_00008.jpg



View of the vehicle erosion along the waterside slope.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	05/02/2016 05/02/2016	Keith Millard

LM Start	2.35	Rating **	M	Issue No.	537
LM End	2.35	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.161002 °	39.161002 °
				-122.912843 °	-122.912843 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27004 DS_ID:21199 EP_NO: 11460 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Heavy vegetation on LS at inlet should be removed. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 10.0 feet below the crown. Flap gate on waterward end. Concrete headwall on both ends. Originally included in 1961 O+M manual. Pipe retained under ABO No. 11460 (1975). FS Date: 1/14/2014					

Photo 1 of 2 : UCIP_SP_2016_27004_49862.jpg



Heavy vegetation at inlet on LS toe.

LM Start	2.35	Rating **	M	Issue No.	537 (cont)
LM End	2.35	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_27004_49861.jpg



Concrete U-shaped headwall on WS berm.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	05/02/2016 05/02/2016	Keith Millard

LM Start	2.36	Rating **	M	Issue No.	14
LM End	2.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.161153 °	39.161153 °	
			-122.912740 °	-122.912740 °	
DWR ID	DWR_NA0009_01_s_2013_14				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Unchanged from 2013 photo.					

Photo 1 of 1 : SP_2016_NA0009_3_14_20160321_00009.jpg



View of the vehicle erosion along the waterside slope.

LM Start	2.38	Rating **	M	Issue No.	15
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.161381 °	39.161708 °	
			-122.912551 °	-122.912168 °	
DWR ID	DWR_NA0009_01_s_2013_15				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0009_3_15_20160321_00010.jpg



Trim the trees up 5 feet to allow visibility.

LM Start	2.38	Rating **	M	Issue No.	23
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.161415 °	39.161722 °	
			-122.912493 °	-122.912153 °	
DWR ID	DWR_NA0009_01_f_2015_23				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the vegetation from the landside slope and toe.					

Photo 1 of 1 : SP_2016_NA0009_3_23_20160321_00014.jpg



View of the vegetation along the landside slope & 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 - Spring 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	05/02/2016 05/02/2016	Keith Millard

LM Start	2.40	Rating **	M	Issue No.	16
LM End	2.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.161601 °	39.161601 °	
			-122.912303 °	-122.912303 °	
DWR ID	DWR_NA0009_01_s_2013_16				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
unchanged from 2013 photo.					

Photo 1 of 1 : SP_2016_NA0009_3_16_20160321_00011.jpg



View of the vehicle erosion along the waterside slope.

LM Start	2.42	Rating **	M	Issue No.	17
LM End	2.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.161802 °	39.161802 °	
			-122.912020 °	-122.912020 °	
DWR ID	DWR_NA0009_01_s_2013_17				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
unchanged from 2013 photo					

Photo 1 of 1 : SP_2016_NA0009_3_17_20160321_00012.jpg



View of the erosion caused by vehicle along the landside slope.

LM Start	2.47	Rating **	M	Issue No.	7
LM End	2.59	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.161692 °	39.160217 °	
			-122.911748 °	-122.912957 °	
DWR ID	DWR_NA0009_01_s_2012_7				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0009_3_7_20160321_00004.jpg



View of a building & fence along the toe of 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 - Spring 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	05/02/2016 05/02/2016	Keith Millard

LM Start	2.48	Rating **	U	Issue No.	3
LM End	2.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.161615 °	39.160804 °	
			-122.911733 °	-122.912536 °	
DWR ID	DWR_NA0009_01_s_2012_3				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0009_3_3_20160321_00001.jpg



View of the vegetation along the landside slope.

LM Start	2.58	Rating **	M	Issue No.	5
LM End	2.66	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.160443 °	39.159308 °	
			-122.912845 °	-122.913417 °	
DWR ID	DWR_NA0009_01_s_2012_5				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0009_3_5_20160321_00003.jpg



View of the landscape along the landside slope.

LM Start	2.58	Rating **	M	Issue No.	4
LM End	2.61	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.160398 °	39.160020 °	
			-122.912837 °	-122.913186 °	
DWR ID	DWR_NA0009_01_s_2012_4				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0009_3_4_20160321_00002.jpg



View of the fences at the Landside 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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Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	05/02/2016 05/02/2016	Keith Millard

LM Start	2.66	Rating **	M	Issue No.	6
LM End	2.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.159304 °	39.157252 °	
			-122.913422 °	-122.913993 °	
DWR ID	DWR_NA0009_01_s_2012_6				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	2.85	Rating **	M	Issue No.	30
LM End	2.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.156588 °	39.156588 °	
			-122.914224 °	-122.914224 °	
DWR ID	DWR_NA0009_01_s_2016_30				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.93	Rating **	U	Issue No.	31
LM End	2.93	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.155553 °	39.155553 °	
			-122.914560 °	-122.914560 °	
DWR ID	DWR_NA0009_01_s_2016_31				
Comment Code					
BU : Building					
Inspector Comment					
Two wooden sheds, one large, one small, with metal roofs.					

Photo 1 of 1 : SP_2016_NA0009_3_31_20160509_00032.jpg



5/2/2016: Remove or relocate 2 unpermitted sheds on L/S slope and 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 - Spring 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	05/02/2016 05/02/2016	Keith Millard

LM Start	2.95	Rating **	M	Issue No.	25
LM End	2.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.155301 °	39.154790 °	
			-122.914633 °	-122.914740 °	
DWR ID	DWR_NA0009_01_s_2016_25				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0009_3_25_20160420_00028.jpg



Trim trees to 5' above levee slope (LS). 4/19/2016

LM Start	3.09	Rating **	M	Issue No.	32
LM End	3.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.153239 °	39.153017 °	
			-122.914569 °	-122.914493 °	
DWR ID	DWR_NA0009_01_s_2016_32				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	3.10	Rating **	U	Issue No.	33
LM End	3.10	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.153017 °	39.153017 °	
			-122.914491 °	-122.914491 °	
DWR ID	DWR_NA0009_01_s_2016_33				
Comment Code					
BU : Building					
Inspector Comment					
Small metal shed should be removed.					

Photo 1 of 1 : SP_2016_NA0009_3_33_20160509_00033.jpg



5/2/2016: Remove or relocate unpermitted shed on L/S 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	05/02/2016 05/02/2016	Keith Millard

LM Start	3.25	Rating **	M	Issue No.	534
LM End	3.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.151062 °	39.150373 °
				-122.913551 °	-122.913171 °
DWR ID	DWR_NA0009_01_s_2015_534				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0009_3_534_20160321_00017.jpg



Remove the trees from the landside 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**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Lake County Watershed Protection District

Waterway	Bank	Unit Miles
Unit No. 02 Middle Creek	Right	2.66

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/2/2016 - 5/2/2016			
DWR Inspector	Keith Millard			
Accompanied By	Tom Smythe Lake County			
	Will Evans Lake County			

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.

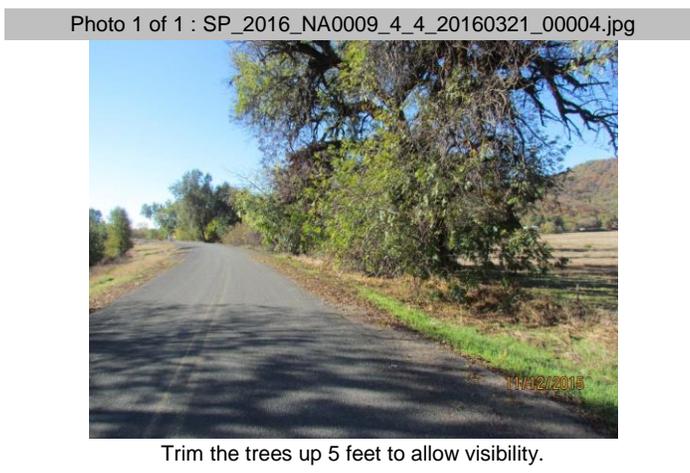
**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

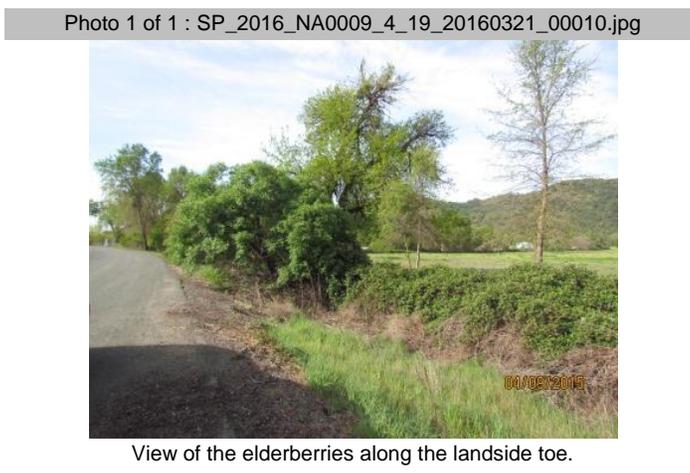
Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	05/02/2016 05/02/2016	Keith Millard

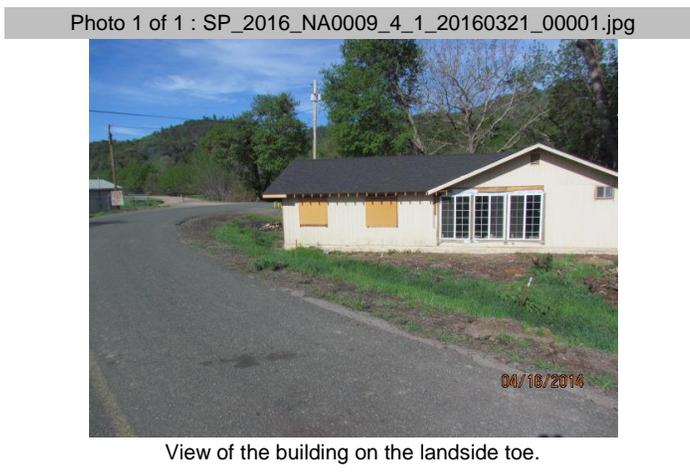
LM Start	0.02	Rating **	M	Issue No.	4
LM End	0.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.189540 °	39.187900 °	
			-122.908065 °	-122.908655 °	
DWR ID	DWR_NA0009_02_s_2013_4				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim the trees up 5 feet to allow visibility.					



LM Start	0.08	Rating **	M	Issue No.	19
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.188772 °	39.188772 °	
			-122.908465 °	-122.908465 °	
DWR ID	DWR_NA0009_02_s_2014_19				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					



LM Start	0.20	Rating **	U	Issue No.	1
LM End	0.20	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.187039 °	39.187039 °	
			-122.908880 °	-122.908880 °	
DWR ID	DWR_NA0009_02_s_2016_1				
Comment Code					
BU : Building					
Inspector Comment					



* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	05/02/2016 05/02/2016	Keith Millard

LM Start	0.24	Rating **	M	Issue No.	9
LM End	0.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.186739 °	39.186038 °	
			-122.909436 °	-122.909948 °	
DWR ID	DWR_NA0009_02_s_2013_9				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim the trees up 5 feet to allow visibility.					

Photo 1 of 1 : SP_2016_NA0009_4_9_20160321_00008.jpg



Trim the trees up 5 feet to allow visibility.

LM Start	0.48	Rating **	M	Issue No.	23
LM End	0.48	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.184080 °	39.184080 °	
			-122.912130 °	-122.912130 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27563 DS_ID:24761 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No Permit identified for crossing. FIELD_STRUCT_DESC: 1.5-inch HDPE irrigation pipe through the levee at unknown depth below the crown. Pipe visible on WS berm slope. Pumphouse on LS toe. FS Date: 1/14/2014 7:19:18 AM					

Photo 1 of 2 : UCIP_SP_2016_27563_51182.jpg



Pipe visible just downstream from stormdrain.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	05/02/2016 05/02/2016	Keith Millard

LM Start	0.48	Rating **	M	Issue No.	23 (cont)
LM End	0.48	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.184080 °	39.184080 °
				-122.912130 °	-122.912130 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27563 DS_ID:24761 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No Permit identified for crossing. FIELD_STRUCT_DESC: 1.5-inch HDPE irrigation pipe through the levee at unknown depth below the crown. Pipe visible on WS berm slope. Pumphouse on LS toe. FS Date: 1/14/2014 7:19:18 AM					

Photo 2 of 2 : UCIP_SP_2016_27563_51181.jpg



Pipe visible just downstream from storm drain.

LM Start	0.50	Rating **	U	Issue No.	30
LM End	0.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.183775 °	39.183775 °
				-122.912187 °	-122.912187 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43053 DS_ID:21209 EP_NO: 8513 Repair Type: Urgent Crossing Status: Found UCIP Comments: Appears pipe is leaking on WS toe of Levee at mud pit FIELD_STRUCT_DESC: 1 of 2: 1.25-inch steel pipe through the levee, 2.0 feet below the levee. Steel cutoff wall around pipe at center of levee. Well with 8-inch casing on waterward slope. (Permit No. 8513-1974) FS Date: 1/14/2014					

Photo 1 of 2 : UCIP_SP_2016_43053_50393.jpg



Pump and pipe visible at wooden box on WS berm.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	05/02/2016 05/02/2016	Keith Millard

LM Start	0.50	Rating **	U	Issue No.	30 (cont)
LM End	0.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.183775 °	39.183775 °
				-122.912187 °	-122.912187 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43053 DS_ID:21209 EP_NO: 8513 Repair Type: Urgent Crossing Status: Found UCIP Comments: Appears pipe is leaking on WS toe of Levee at mud pit FIELD_STRUCT_DESC: 1 of 2: 1.25-inch steel pipe through the levee, 2.0 feet below the levee. Steel cutoff wall around pipe at center of levee. Well with 8-inch casing on waterward slope. (Permit No. 8513-1974) FS Date: 1/14/2014					

Photo 2 of 2 : UCIP_SP_2016_43053_50392.jpg



Mudpit at WS berm were pipe may be leaking.

LM Start	0.51	Rating **	M	Issue No.	20
LM End	0.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.183677 °	39.183677 °
				-122.912183 °	-122.912183 °
DWR ID	DWR_NA0009_02_s_2016_20				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
remove large downed pine tree branch on LS toe					

Photo 1 of 1 : SP_2016_NA0009_4_20_20160420_00033.jpg



Remove fallen tree branch on LS slope and toe. 4/19/2016

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	05/02/2016 05/02/2016	Keith Millard

LM Start	0.55	Rating **	M	Issue No.	29
LM End	0.55	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.183130 °	39.183130 °	
			-122.912198 °	-122.912198 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27208 DS_ID:21210 EP_NO: 11482 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Fence on LS slope creates access issue. FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.54). This pipe was retained under ABO No. 11482 (1975). FS Date: 1/14/2014					

Photo 1 of 2 : UCIP_SP_2016_27208_50411.jpg



Concrete headwall on LS toe.

LM Start	0.55	Rating **	M	Issue No.	29 (cont)
LM End	0.55	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_27208_50410.jpg



Flapgate and concrete headwall on WS berm.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	05/02/2016 05/02/2016	Keith Millard

LM Start	0.97	Rating **	M	Issue No.	7
LM End	0.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.177218 °	39.176992 °
				-122.913673 °	-122.913642 °
DWR ID	DWR_NA0009_02_s_2012_7				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the vegetation from the landside toe.					

Photo 1 of 2 : SP_2016_NA0009_4_7_20160321_00006.jpg



Remove the vegetation from the landside toe.

LM Start	0.97	Rating **	M	Issue No.	7 (cont)
LM End	0.98	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2016_NA0009_4_7_20160321_00007.jpg



Remove the vegetation from the landside toe.

LM Start	0.99	Rating **	C	Issue No.	5
LM End	0.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.176875 °	39.176875 °
				-122.913685 °	-122.913685 °
DWR ID	DWR_NA0009_02_s_2012_5				
Comment Code					
BU : Building					
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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	05/02/2016 05/02/2016	Keith Millard

LM Start	0.99	Rating **	M	Issue No.	3
LM End	0.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.176835 °	39.176835 °	
			-122.913558 °	-122.913558 °	
DWR ID	DWR_NA0009_02_s_2012_3				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0009_4_3_20160321_00003.jpg



View of the tree prunings on the W/S toe.

LM Start	0.99	Rating **	U	Issue No.	2
LM End	0.99	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.176815 °	39.176815 °	
			-122.913540 °	-122.913540 °	
DWR ID	DWR_NA0009_02_s_2012_2				
Comment Code					
FE : Fence					
Inspector Comment					
Unpermitted fence and building.					

Photo 1 of 1 : SP_2016_NA0009_4_2_20160321_00002.jpg



View of the building & fence along the Landside toe.

LM Start	1.09	Rating **	U	Issue No.	10
LM End	1.11	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.175460 °	39.175075 °	
			-122.913400 °	-122.913392 °	
DWR ID	DWR_NA0009_02_s_2013_10				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0009_4_10_20160321_00009.jpg



View of the unauthorized fence along the landside 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	05/02/2016 05/02/2016	Keith Millard

LM Start	1.16	Rating **	M	Issue No.	31
LM End	1.16	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.174370 °	39.174370 °
				-122.913543 °	-122.913543 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42994 DS_ID:21212 EP_NO: 11483 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so, should be done so properly. Debris blocking flaggate at outlet. FIELD_STRUCT_DESC: 30-inch CM drainpipe through the levee, 17.8 feet below the crown. Slide gate in 44-inch diameter CMP riser waterward slope. Flap gate on the waterward end at concrete headwall. 6'X8' concrete sump at landward toe. (USACE-1961). Originally included in O&M manual (HLM 1.22). This pipe was retained under ABO No. 11483 (1975). FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_SP_2016_42994_51214.jpg



Slide gate in 44-inch CMP riser on WS shoulder.

LM Start	1.16	Rating **	M	Issue No.	31 (cont)
LM End	1.16	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_42994_51213.jpg



6'X8' concrete sump filled in with soil, visible at LS 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 - Spring 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	05/02/2016 05/02/2016	Keith Millard

LM Start	1.70	Rating **	M	Issue No.	24
LM End	1.70	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.167156 °	39.167156 °
				-122.916610 °	-122.916610 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27606 DS_ID:21214 EP_NO: 15825 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe with closure device not visible on WS toe. Clear soil from pipe and cover for better verification of closure. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 2.0 feet below the crown. Siphon breaker on apex of pipe at landward shoulder. Exposed filter at landward slope. Seasonal pump on waterward slope. (Permit No. 15825-1992) FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_SP_2016_27606_51250.jpg



Vent on LS shoulder with filter visible on LS toe.

LM Start	1.70	Rating **	M	Issue No.	24 (cont)
LM End	1.70	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_27606_51249.jpg



T-post at WS toe may indicate location of pipe end. Covered with soil.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	05/02/2016 05/02/2016	Keith Millard

LM Start	1.92	Rating **	M	Issue No.	18
LM End	1.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.163912 °	39.163912 °
				-122.916695 °	-122.916695 °
DWR ID	DWR_NA0009_02_s_2016_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
trim willow trees					

Photo 1 of 1 : SP_2016_NA0009_4_18_20160420_00032.jpg



Trim willow trees to 5' above LS levee slope. 4/19/2016

LM Start	1.95	Rating **	M	Issue No.	25
LM End	1.95	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.163509 °	39.163509 °
				-122.916726 °	-122.916726 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27607 DS_ID:21253 EP_NO: 18228 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Pipe not found and no indication it was installed. Contact inspector for further info. FIELD_STRUCT_DESC: To install a 3-inch diameter sewer pipeline through both the east and west levees of Middle Creek with the pipeline encased in a 6-inch diameter sleeve attached to the Hwy 20 Bridge across Middle Creek. (Permit No. 18228) FS Date: 1/22/2014					

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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	05/02/2016 05/02/2016	Keith Millard

LM Start	1.96	Rating **	M	Issue No.	26
LM End	1.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.163414 °	39.163414 °
				-122.916741 °	-122.916741 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27624 DS_ID:21243 EP_NO: 15865 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Permit number likely revised from 15865. Verify with inspector and modify entry as required. FIELD_STRUCT_DESC: 8-inch steel sewer line (pressurized) through the levee, 3.0 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on waterward levee shoulder. Pipe visible under bridge (Permit No. 15865-1991). FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_SP_2016_27624_51263.jpg



Pipe visible under bridge.

LM Start	1.96	Rating **	M	Issue No.	26 (cont)
LM End	1.96	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_27624_51262.jpg



Manhole and vent lids visible on LS shoulder.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	05/02/2016 05/02/2016	Keith Millard

LM Start	2.00	Rating **	M	Issue No.	27
LM End	2.00	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.162753 °	39.162753 °	
			-122.916811 °	-122.916811 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27629 DS_ID:21250 EP_NO: 17191 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned, if so it should be done so properly. FIELD_STRUCT_DESC: 2 of 2: 2-inch PVC pipe through the levee, 2.0 feet below the crown. Well and electric pump at waterward toe. Pole and meter(Permit No. 17191-2000) FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_SP_2016_27629_51280.jpg



Meter and control on LS slope next to pole.

LM Start	2.00	Rating **	M	Issue No.	27 (cont)
LM End	2.00	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_27629_51279.jpg



Meter and control on LS slope next to pole.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	05/02/2016 05/02/2016	Keith Millard

LM Start	2.69	Rating **	M	Issue No.	21
LM End	2.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.153399 °	39.153399 °
				-122.915741 °	-122.915741 °
DWR ID	DWR_NA0009_02_s_2016_21				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove thick brambles and trim trees to restore visibility and access to LS slope and toe.					

Photo 1 of 1 : SP_2016_NA0009_4_21_20160509_00035.jpg



5/2/2016: Trim landscaping on L/S toe and slope to allow visibility and access.

LM Start	2.76	Rating **	M	Issue No.	22
LM End	2.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.152322 °	39.152322 °
				-122.915380 °	-122.915380 °
DWR ID	DWR_NA0009_02_s_2016_22				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	05/02/2016 05/02/2016	Keith Millard

LM Start	2.84	Rating **	M	Issue No.	28
LM End	2.84	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.151257 °	39.151257 °
				-122.914908 °	-122.914908 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27630 DS_ID:21215 EP_NO: 11481 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Soil partially blocking inlet and outlet. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93). This pipe was retained under ABO No. 11481 (1975). FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_SP_2016_27630_51283.jpg



Concrete headwall and pipe visible at LS toe.

LM Start	2.84	Rating **	M	Issue No.	28 (cont)
LM End	2.84	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_27630_51282.jpg



Concrete headwall and flapgate visible at WS berm.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles
Unit No. 03 Scotts Creek	Left	1.36

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/2/2016 - 5/2/2016			
DWR Inspector	Keith Millard			
Accompanied By	Tom Smythe Lake County			
	Will Evans Lake County			

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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	05/02/2016 05/02/2016	Keith Millard

LM Start	0.49	Rating **	M	Issue No.	9
LM End	0.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.154195 °	39.154195 °	
			-122.918134 °	-122.918134 °	
DWR ID	DWR_NA0009_03_s_2016_9				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Tree should be trimmed and surrounding brush and weeds should be cleared to allow visibility and access.					

Photo 1 of 1 : SP_2016_NA0009_5_9_20160509_00023.jpg



5/2/2016: Trim trees and vegetation to allow visibility and access to L/S slope and toe.

LM Start	0.54	Rating **	M	Issue No.	10
LM End	0.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.154706 °	39.154706 °	
			-122.918622 °	-122.918622 °	
DWR ID	DWR_NA0009_03_s_2016_10				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	05/02/2016 05/02/2016	Keith Millard

LM Start	0.54	Rating **	M	Issue No.	14
LM End	0.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.154786 °	39.154786 °
				-122.918703 °	-122.918703 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27863 DS_ID:21217 EP_NO: 11492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Vegetation at inlet and wooden box failing at LS toe. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends with a wooden retaining wall drop inlet at LS toe (USACE-1961). Originally included in O&M manual (HLM 0.55). This pipe was retained under ABO No. 11492 (1975). USACE O&M DWG No. CC-4-4-29. FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_SP_2016_27863_51542.jpg



Pipe visible at LS toe covered with vegetation.

LM Start	0.54	Rating **	M	Issue No.	14 (cont)
LM End	0.54	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_27863_51541.jpg



Concrete headwall and flapgate visible at WS berm.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	05/02/2016 05/02/2016	Keith Millard

LM Start	0.75	Rating **	M	Issue No.	15
LM End	0.75	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.157443 °	39.157443 °
				-122.920110 °	-122.920110 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27891 DS_ID:21219 EP_NO: 11492 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 4-inch steel pipe through the levee, 2.5 feet below the crown. Siphon breaker in 24-inch CMP riser on LS shoulder. Pump on concrete platform on waterward side. Hose chute and concrete stairway on waterward slope. This pipe was retained under ABO No. 11492 (1975). FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_SP_2016_27891_51587.jpg



Valve visible at bottom of CMP riser on LS shoulder.

LM Start	0.75	Rating **	M	Issue No.	15 (cont)
LM End	0.75	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_27891_51586.jpg



Siphon at LS shoulder inside 24-inch CMP riser.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	05/02/2016 05/02/2016	Keith Millard

LM Start	0.77	Rating **	M	Issue No.	16
LM End	0.77	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.157759 °	39.157759 °
				-122.920301 °	-122.920301 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27892 DS_ID:21220 EP_NO: 11492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some sediment buildup at inlet. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 10.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Concrete spillway on waterward slope to bottom of channel. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.79). This pipe was retained under ABO No. 11492 (1975). FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_SP_2016_27892_51591.jpg



Concrete headwall visible next to concrete standpipe on LS toe.

LM Start	0.77	Rating **	M	Issue No.	16 (cont)
LM End	0.77	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_27892_51590.jpg



Concrete outfall visible off WS berm.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	05/02/2016 05/02/2016	Keith Millard

LM Start	0.93	Rating **	M	Issue No.	17
LM End	0.93	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.159736°	39.159736°	
			-122.921042°	-122.921042°	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27894 DS_ID:21221 EP_NO: 11488 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Concrete headwall on WS berm is being undermined. 2-foot of scour under headwall. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 16.5 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.94). This pipe was retained under ABO No. 11488 (1975). FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_SP_2016_27894_51599.jpg



Flapgate and headwall off WS toe.

LM Start	0.93	Rating **	M	Issue No.	17 (cont)
LM End	0.93	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_27894_51598.jpg



Concrete headwall on LS 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 - Spring 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	05/02/2016 05/02/2016	Keith Millard

LM Start	0.99	Rating **	M	Issue No.	18
LM End	0.99	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.160129 °	39.160129 °	
			-122.922117 °	-122.922117 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27903 DS_ID:21248 EP_NO: 11488 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Siphon breaker standpipe knocked over and covered with dirt. Pipe and appurtances appear to be in disrepair. Gate valves next to tank broken. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 2.5 feet below the crown. Siphon breaker in 24-cmp riser on LS shoulder. Screw gate on waterside slope next to pump and 300-gallon tank. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.02). This pipe was retained under ABO No. 11488 (1975). FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_SP_2016_27903_51622.jpg



Pump at concrete pad on WS berm.

LM Start	0.99	Rating **	M	Issue No.	18 (cont)
LM End	0.99	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_27903_51621.jpg



Gate valves at tank appear to be in disrepair.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	05/02/2016 05/02/2016	Keith Millard

LM Start	0.99	Rating **	M	Issue No.	19
LM End	0.99	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.160117 °	39.160117 °
				-122.922144 °	-122.922144 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:27943 DS_ID:21222 EP_NO: 11488 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some vegetation buildup at inlet and outlet. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 14.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.01). This pipe was retained under ABO No. 11488 (1975). FS Date: 1/22/2014					

Photo 1 of 2 : UCIP_SP_2016_27943_51642.jpg



Concrete Headwall on WS berm.

LM Start	0.99	Rating **	M	Issue No.	19 (cont)
LM End	0.99	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_27943_51641.jpg



Headwall and flapgate on WS berm.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	05/02/2016 05/02/2016	Keith Millard

LM Start	1.07	Rating **	U	Issue No.	13
LM End	1.13	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.159789 °	39.159613 °	
			-122.923515 °	-122.924643 °	
DWR ID	DWR_NA0009_03_s_2016_13				
Comment Code					
AV : Abandoned vehicles					
Inspector Comment					
Junk yard full of abandoned vehicles, some stacked at levee toe obstructing visibility and access to levee toe.					

Photo 1 of 1 : SP_2016_NA0009_5_13_20160513_00026.jpg



5/2/2016: Vehicle junk yard behind fence covered in dense growth of bushes and vines.

LM Start	1.07	Rating **	U	Issue No.	12
LM End	1.13	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.159787 °	39.159616 °	
			-122.923517 °	-122.924645 °	
DWR ID	DWR_NA0009_03_s_2016_12				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense vegetation growing on fence blocks visibility and access.					

Photo 1 of 1 : SP_2016_NA0009_5_12_20160513_00025.jpg



5/2/2016: Dense bushes and vines covering fence along vehicle junk yard.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	05/02/2016 05/02/2016	Keith Millard

LM Start	1.07	Rating **	U	Issue No.	11
LM End	1.13	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.159783 °	39.159615 °	
			-122.923517 °	-122.924645 °	
DWR ID	DWR_NA0009_03_s_2016_11				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0009_5_11_20160513_00024.jpg



5/2/2016: Fence along vehicle junk yard is covered in dense growth of bushes and vines.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/2/2016 - 5/2/2016			
DWR Inspector	Keith Millard			
Accompanied By	Tom Smythe Lake County			
	Will Evans Lake County			

Summer & Winter Inspections

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

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	05/02/2016 05/02/2016	Keith Millard

LM Start	0.05	Rating **	U	Issue No.	11
LM End	0.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.176442 °	39.176407 °
				-122.911544 °	-122.903027 °
DWR ID	DWR_NA0009_04_s_2016_11				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense vegetation occurs on LS only.					

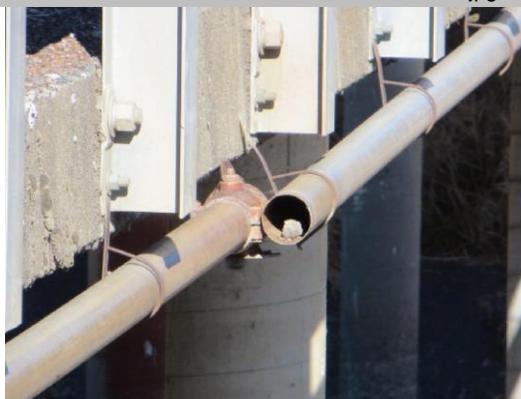
Photo 1 of 1 : SP_2016_NA0009_6_11_20160509_00015.jpg



5/2/2016: Remove or trim dense vegetation growing on fence along L/S toe to allow visibility and access.

LM Start	0.53	Rating **	M	Issue No.	12
LM End	0.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.176410 °	39.176410 °
				-122.902740 °	-122.902740 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26907 DS_ID:21226 EP_NO: 6303 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on waterward side and should be plugged. FIELD_STRUCT_DESC: 4-inch steel irrigation pipe through the levee, 1.5-feet below the crown. Steel cutoff wall around the pipe at center of levee. Pipe connects to 4-inch exposed aluminum pipe connected to upstream side of bridge (Permit No. 6303, -A, 1969). FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_SP_2016_26907_49751.jpg



Pipe open on waterward end.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	05/02/2016 05/02/2016	Keith Millard

LM Start	0.53	Rating **	M	Issue No.	12 (cont)
LM End	0.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.176410 °	39.176410 °
				-122.902740 °	-122.902740 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26907 DS_ID:21226 EP_NO: 6303 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on waterward side and should be plugged. FIELD_STRUCT_DESC: 4-inch steel irrigation pipe through the levee, 1.5-feet below the crown. Steel cutoff wall around the pipe at center of levee. Pipe connects to 4-inch exposed aluminum pipe connected to upstream side of bridge (Permit No. 6303, -A, 1969). FS Date: 1/9/2014					

Photo 2 of 2 : UCIP_SP_2016_26907_49750.jpg



Pipe visible on upstream side of bridge.

LM Start	0.75	Rating **	U	Issue No.	13
LM End	0.75	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.177676 °	39.177676 °
				-122.898917 °	-122.898917 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43043 DS_ID:21227 EP_NO: 11501 Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe rusted through at connection to flapgate. Good indication pipe may need replacement. Video inspection recommended. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 13.8 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in the 1961 O&M manual This pipe was retained under ABO No. 11501 (1975). FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_SP_2016_43043_49754.jpg



Drainage canal at inlet on LS 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 - Spring 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	05/02/2016 05/02/2016	Keith Millard

LM Start	0.75	Rating **	U	Issue No.	13 (cont)
LM End	0.75	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.177676 °	39.177676 °
				-122.898917 °	-122.898917 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43043 DS_ID:21227 EP_NO: 11501 Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe rusted through at connection to flapgate. Good indication pipe may need replacement. Video inspection recommended. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 13.8 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in the 1961 O&M manual This pipe was retained under ABO No. 11501 (1975). FS Date: 1/9/2014					

Photo 2 of 2 : UCIP_SP_2016_43043_49753.jpg



Pipe and concrete headwall visible in drainage channel on LS toe.

LM Start	0.93	Rating **	M	Issue No.	5
LM End	0.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.178953 °	39.178953 °
				-122.896629 °	-122.896629 °
DWR ID	DWR_NA0009_04_s_2016_5				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	05/02/2016 05/02/2016	Keith Millard

LM Start	0.93	Rating **	C	Issue No.	4
LM End	0.93	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.178990 °	39.178990 °	
			-122.896668 °	-122.896668 °	
DWR ID	DWR_NA0009_04_f_2015_4				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings pile burned/removed.					

No Photos

LM Start	1.05	Rating **	M	Issue No.	2
LM End	1.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.180479 °	39.181947 °	
			-122.896567 °	-122.895112 °	
DWR ID	DWR_NA0009_04_s_2012_2				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim the trees up 5 feet for better visibility.					

Photo 1 of 2 : SP_2016_NA0009_6_2_20160321_00001.jpg



Trim the trees for better visibility.

LM Start	1.05	Rating **	M	Issue No.	2 (cont)
LM End	1.18	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2016_NA0009_6_2_20160321_00002.jpg



Trim the trees up 5 feet for better visibility.

* 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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	05/02/2016 05/02/2016	Keith Millard

LM Start	1.19	Rating **	M	Issue No.	9
LM End	1.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.182154 °	39.182951 °
				-122.895005 °	-122.894409 °
DWR ID	DWR_NA0009_04_s_2012_9				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the vegetation from the landside toe.					

Photo 1 of 2 : SP_2016_NA0009_6_9_20160321_00004.jpg



View of the vegetation growing at the toe.

LM Start	1.19	Rating **	M	Issue No.	9 (cont)
LM End	1.26	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2016_NA0009_6_9_20160321_00005.jpg



View of the vegetation at the landside toe.

LM Start	1.33	Rating **	M	Issue No.	8
LM End	1.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.183708 °	39.184717 °
				-122.893480 °	-122.893418 °
DWR ID	DWR_NA0009_04_s_2016_8				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Orchard trees obstruct visibility and access to LS.					

Photo 1 of 1 : SP_2016_NA0009_6_8_20160509_00013.jpg



5/2/2016: Trim trees to allow visibility and access to L/S slope and toe.

* 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**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Lake County Watershed Protection District

Waterway	Bank	Unit Miles
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/2/2016 - 5/2/2016			
DWR Inspector	Keith Millard			
Accompanied By	Tom Smythe Lake County			
	Will Evans Lake County			

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

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	05/02/2016 05/02/2016	Keith Millard

LM Start	0.30	Rating **	M	Issue No.	3
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.176957 °	39.176957 °	
			-122.898673 °	-122.898673 °	
DWR ID	DWR_NA0009_05_s_2012_3				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0009_7_3_20160321_00001.jpg



View of the elderberry along the landside toe.

LM Start	0.31	Rating **	M	Issue No.	15
LM End	0.31	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.177076 °	39.177076 °	
			-122.898879 °	-122.898879 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26897 DS_ID:21235 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some sediment buildup at LS toe. FIELD_STRUCT_DESC: 1 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Slide gate on waterward end. Steel walkway on waterward slope to slide gate. Concrete headwall on both ends. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975). FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_SP_2016_26897_49712.jpg



Slide gate at steel walkway on 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 - Spring 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	05/02/2016 05/02/2016	Keith Millard

LM Start	0.31	Rating **	M	Issue No.	15 (cont)
LM End	0.31	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.177076 °	39.177076 °
				-122.898879 °	-122.898879 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26897 DS_ID:21235 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some sediment buildup at LS toe. FIELD_STRUCT_DESC: 1 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Slide gate on waterward end. Steel walkway on waterward slope to slide gate. Concrete headwall on both ends. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975). FS Date: 1/9/2014					

Photo 2 of 2 : UCIP_SP_2016_26897_49711.jpg



Outlet visible at concrete headwall on LS toe.

LM Start	0.31	Rating **	M	Issue No.	16
LM End	0.31	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.177074 °	39.177074 °
				-122.898902 °	-122.898902 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26891 DS_ID:21234 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some sediment buildup on LS toe. FIELD_STRUCT_DESC: 2 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Slide gate on waterward end. Steel walkway on waterward slope to slide gate. Concrete headwalls on both ends. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975). FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_SP_2016_26891_49682.jpg



Slide gate on steel walkway at 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 - Spring 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	05/02/2016 05/02/2016	Keith Millard

LM Start	0.31	Rating **	M	Issue No.	16 (cont)
LM End	0.31	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.177074 °	39.177074 °
				-122.898902 °	-122.898902 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26891 DS_ID:21234 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some sediment buildup on LS toe. FIELD_STRUCT_DESC: 2 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Slide gate on waterward end. Steel walkway on waterward slope to slide gate. Concrete headwalls on both ends. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975). FS Date: 1/9/2014					

Photo 2 of 2 : UCIP_SP_2016_26891_49681.jpg



Outlet visible at concrete headwall on LS toe.

LM Start	0.32	Rating **	M	Issue No.	14
LM End	0.32	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.177078 °	39.177078 °
				-122.898926 °	-122.898926 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26888 DS_ID:21233 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: 3 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Concrete headwall on both ends. Steel slide gate plate blocks inlet on WS toe. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975). FS Date: 1/9/2014					

Photo 1 of 2 : UCIP_SP_2016_26888_49666.jpg



Steel slide gate visible at concrete headwall on 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 - Spring 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	05/02/2016 05/02/2016	Keith Millard

LM Start	0.32	Rating **	M	Issue No.	11 (cont)
LM End	0.32	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.177066 °	39.177066 °
				-122.898986 °	-122.898986 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26877 DS_ID:21229 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: 6 of 6: 36-inch CM pipe through the levee, 12.0 feet below the crown [Clover Creek Diversion Structure]. Concrete headwall on both ends. Steel slide gate covers WS inlet. Structure and pipes retained under ABO Permit No. 11507 (1975). Originally included in 1961 O+M manual. FS Date: 1/9/2014					

Photo 2 of 2 : UCIP_SP_2016_26877_49609.jpg



Concrete headwall on LS toe.

LM Start	0.63	Rating **	M	Issue No.	10
LM End	0.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.175758 °	39.175758 °
				-122.904353 °	-122.904353 °
DWR ID	DWR_NA0009_05_s_2016_10				
Comment Code					
DE : Debris					
Inspector Comment					
Remove prunings and wooden lumber debris.					

Photo 1 of 1 : SP_2016_NA0009_7_10_20160509_00020.jpg



5/2/2016: Remove prunings and lumber debris from L/S 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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