Flood Control Project Maintenance
Levee Inspections

LMA District Cover Sheet

Spring 2019 Levee Inspection Results

City of Sacramento

	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 indiction of risk.

Comments

Flood Control Project Maintenance
Levee Inspections

Unit Cover Sheet

Spring 2019 Levee Inspection Results

City of Sacramento

Waterway	Bank	Unit Miles
Unit No. 01 Sacramento River	Left	3.67

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/17/2019 - 4/17/2019			
DWR Inspector	Luz Dial			
Accompanied By	David Julian DWR			
	Dan Velez City of Sacramento			

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 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start		Rating **	A	Issue No.	**20**
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			° °	° °
DWR ID	DWR_NA0005_01_s _ 2013_20				

Comment Code

Inspector Comment

City of Sacramento has copies of the levee O&M manuals.

No Photos

LM Start		Rating **	A	Issue No.	**22**
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			° °	° °
DWR ID	DWR_NA0005_01_s _ 2013_22				

Comment Code

Inspector Comment

City of Sacramento maintains a stockpile of Flood Fight response material.

No Photos

LM Start		Rating **	A	Issue No.	**23**
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			° °	° °
DWR ID	DWR_NA0005_01_s _ 2013_23				

Comment Code

Inspector Comment

City of Sacramento has a written response plan and has taken flood fight methods training.

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.00**	Rating **	M	Issue No.	**92**
LM End	**0.00**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564778 °	38.564778 °
				-121.563064 °	-121.563064 °
DWR ID	24916				

Comment Code

Inspector Comment

FS_ID:38737
DS_ID:24916
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments:
FIELD_STRUCT_DESC: Storm drain manhole
FS Date: 3/6/2013

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.06**	Rating **	M	Issue No.	**93**
LM End	**0.06**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.589864 °	38.589864 °
				-121.505128 °	-121.505128 °
DWR ID	21559				

Comment Code

Inspector Comment

FS_ID:49955
DS_ID:21559
EP_NO: 14527
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP – O. Magana) 7/19/2016 Paddle marker missing from WS--owner will need to work with CVFPB to determine if paddle marker on WS is necessary. (DWR UCIP - omagana)3/22/2016 Need to contact owner to determine condition of crossing and last inspection date. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 12.75-inch steel gas line through levee (right bank), unable to confirm depth below the crown. Permit indicates the pipeline shall be buried with a minimum cover of 1 feet in the levee slopes and 2 feet through the levee crown. Line was directionally bored under the left bank levee and low water channel at a minimum cover of 44 feet and 21 feet, respectively. Paddle marker located approximately 150 feet from levee crown on landside (LS). (12.75-inch line authorized under Permit No. 14527, 1987 - Southern Pacific Pipelines, Inc.) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 7/19/2016

Photo 1 of 3 : UCIP_SP_2019_49955_33806.jpg

View of levee crown at crossing--sign visible on landward side near freeway underpass.

LM Start	**0.06**	Rating **	M	Issue No.	**93 (cont)**
LM End	**0.06**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_49955_33805.jpg

View of multiple markers indicating gas alignment.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.06**	Rating **	M	Issue No.	**93 (cont)**
LM End	**0.06**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.589864 °	38.589864 °
				-121.505128 °	-121.505128 °
DWR ID	21559				

Comment Code

Inspector Comment

FS_ID:49955
DS_ID:21559
EP_NO: 14527
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP – O. Magana) 7/19/2016 Paddle marker missing from WS--owner will need to work with CVFPB to determine if paddle marker on WS is necessary. (DWR UCIP - omagana)3/22/2016 Need to contact owner to determine condition of crossing and last inspection date. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 12.75-inch steel gas line through levee (right bank), unable to confirm depth below the crown. Permit indicates the pipeline shall be buried with a minimum cover of 1 feet in the levee slopes and 2 feet through the levee crown. Line was directionally bored under the left bank levee and low water channel at a minimum cover of 44 feet and 21 feet, respectively. Paddle marker located approximately 150 feet from levee crown on landside (LS). (12.75-inch line authorized under Permit No. 14527, 1987 - Southern Pacific Pipelines, Inc.) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 7/19/2016

Photo 3 of 3 : UCIP_SP_2019_49955_33807.jpg

Underground service alert (USA) markings indicate 12 inch crossing through levee.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.14**	Rating **	M	Issue No.	**94**
LM End	**0.14**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588768 °	38.588768 °
				-121.504891 °	-121.504891 °
DWR ID	24882				

Comment Code

Inspector Comment

FS_ID:41414
DS_ID:24882
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA engineer is investigating how to conduct inspection and defining levee toe. Crossing installed in the 1930s according to LMA engineer and not 1966.(DWR UCIP - O. Magana)
03/06/2013 Need to contact owner to determine status of crossing. No permit found during desk study review. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 42-inch water transmission main of unknown material through levee at unknown depth. Crossing installed in 1966. Crossing installed in the 1930s according to LMA engineer and not 1966.
FS Date: 3/6/2013

Photo 1 of 3 : UCIP_SP_2019_41414_72622.jpg

View of levee crown and waterward side.

LM Start	**0.14**	Rating **	M	Issue No.	**94 (cont)**
LM End	**0.14**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_41414_72621.jpg

Underground Service Alert (USA) markings indicating 42 inch line through levee.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.14**	Rating **	M	Issue No.	**94 (cont)**
LM End	**0.14**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588768 °	38.588768 °
				-121.504891 °	-121.504891 °
DWR ID	24882				

Comment Code

Inspector Comment

FS_ID:41414
DS_ID:24882
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA engineer is investigating how to conduct inspection and defining levee toe. Crossing installed in the 1930s according to LMA engineer and not 1966.(DWR UCIP - O. Magana)
03/06/2013 Need to contact owner to determine status of crossing. No permit found during desk study review. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 42-inch water transmission main of unknown material through levee at unknown depth. Crossing installed in 1966. Crossing installed in the 1930s according to LMA engineer and not 1966.
FS Date: 3/6/2013

Photo 3 of 3 : UCIP_SP_2019_41414_72620.jpg

View of alignment along levee.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.14**	Rating **	M	Issue No.	**95**
LM End	**0.14**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588738 °	38.588738 °
				-121.504891 °	-121.504891 °
DWR ID	24883				

Comment Code

Inspector Comment

FS_ID:41415
DS_ID:24883
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No Additional information was made available regarding the fate of this crossing. (DWR UCIP – O. Magana)
03/06/2013 Need to contact owner to confirm alignment and status of crossings. No permit found during desk study review. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: ARV communication line and 3-inch steel communication line through levee at unknown depth below the levee crown.
FS Date: 3/6/2013

Photo 1 of 2 : UCIP_SP_2019_41415_72630.jpg

Underground Service Alert (USA) markers visible on levee crown.

LM Start	**0.14**	Rating **	M	Issue No.	**95 (cont)**
LM End	**0.14**	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2019_41415_72623.jpg

Overview of levee crown looking downstream.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.15**	Rating **	M	Issue No.	**96**
LM End	**0.15**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588636 °	38.588636 °
				-121.504860 °	-121.504860 °
DWR ID	24884				

Comment Code

Inspector Comment

FS_ID:52599
DS_ID:24884
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2012 and 2016 to determine the condition of the line and no issues were identified by PG&E for this line. PG&E is currently conducting a leak survey of this area as of August 2, 2017 since the last leak survey for this area was conducted in October 2012. Based on the supporting documentation provided by PG&E this crossing has been downgraded from Urgent to Non-Urgent, once PG&E provides results of the August 2, 2017 leak test this crossing can re-evaluated. No permit was provided by PG&E. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and he can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP – O. Magana)
07/19/2016 same as previous inspection. Need to contact owner to determine status of crossing. Unable to confirm alignment or depth through the levee crown. (DWR UCIP - omagana)10/17/2014 No markers found. Need to contact owner to determine status of crossing and to determine last inspection date. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 3-inch steel gas line though levee at unknown depth. Underground alert service (USA) markings indicate this line is a PG&E line (USA markings visible in 2013). In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell).
FS Date: 7/19/2016

Photo 1 of 3 : UCIP_SP_2019_52599_72627.jpg

View of levee crown and alignment of PG&E line visible by yellow paint markings.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.15**	Rating **	M	Issue No.	**96 (cont)**
LM End	**0.15**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588636 °	38.588636 °
				-121.504860 °	-121.504860 °
DWR ID	24884				

Comment Code

Inspector Comment

FS_ID:52599
DS_ID:24884
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2012 and 2016 to determine the condition of the line and no issues were identified by PG&E for this line. PG&E is currently conducting a leak survey of this area as of August 2, 2017 since the last leak survey for this area was conducted in October 2012. Based on the supporting documentation provided by PG&E this crossing has been downgraded from Urgent to Non-Urgent, once PG&E provides results of the August 2, 2017 leak test this crossing can re-evaluated. No permit was provided by PG&E. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and he can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP – O. Magana)
07/19/2016 same as previous inspection. Need to contact owner to determine status of crossing. Unable to confirm alignment or depth through the levee crown. (DWR UCIP - omagana)10/17/2014 No markers found. Need to contact owner to determine status of crossing and to determine last inspection date. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 3-inch steel gas line though levee at unknown depth. Underground alert service (USA) markings indicate this line is a PG&E line (USA markings visible in 2013). In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell).
FS Date: 7/19/2016

Photo 2 of 3 : UCIP_SP_2019_52599_72626.jpg

Underground Service Alert (USA) markings of PG&E line through levee, Photo 1 of 2.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.15**	Rating **	M	Issue No.	**96 (cont)**
LM End	**0.15**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588636 °	38.588636 °
				-121.504860 °	-121.504860 °
DWR ID	24884				

Comment Code

Inspector Comment

FS_ID:52599
DS_ID:24884
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2012 and 2016 to determine the condition of the line and no issues were identified by PG&E for this line. PG&E is currently conducting a leak survey of this area as of August 2, 2017 since the last leak survey for this area was conducted in October 2012. Based on the supporting documentation provided by PG&E this crossing has been downgraded from Urgent to Non-Urgent, once PG&E provides results of the August 2, 2017 leak test this crossing can re-evaluated. No permit was provided by PG&E. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and he can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP – O. Magana)
07/19/2016 same as previous inspection. Need to contact owner to determine status of crossing. Unable to confirm alignment or depth through the levee crown. (DWR UCIP - omagana)10/17/2014 No markers found. Need to contact owner to determine status of crossing and to determine last inspection date. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 3-inch steel gas line though levee at unknown depth. Underground alert service (USA) markings indicate this line is a PG&E line (USA markings visible in 2013). In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell).
FS Date: 7/19/2016

Photo 3 of 3 : UCIP_SP_2019_52599_72625.jpg

Underground Service Alert (USA) markings of PG&E line through levee, Photo 2 of 2.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.16**	Rating **	M	Issue No.	**97**
LM End	**0.16**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588500 °	38.588500 °
				-121.504856 °	-121.504856 °
DWR ID	24885				

Comment Code

Inspector Comment

FS_ID:41416
DS_ID:24885
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Crossing belongs to AT&T. AT&T contact is Astrid Willard Manager Public Works Director of State R/R and can be reached at 916-971-3961 or by email at astrid.willard@att.com. (DWR UCIP – O. Magana)
03/06/2013 No markers visible as per Title 23. Recommend having utility owner coordinate with Central Valley Flood Protection Board (CVFPB). (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: ATT communication line through levee at unknown depth.
FS Date: 3/6/2013

Photo 1 of 2 : UCIP_SP_2019_41416_72629.jpg

Alignment of communication line through levee, Photo 1 of 2.

LM Start	**0.16**	Rating **	M	Issue No.	**97 (cont)**
LM End	**0.16**	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2019_41416_72628.jpg

Alignment of communication line through levee, Photo 2 of 2.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.17**	Rating **	M	Issue No.	**98**
LM End	**0.17**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588427 °	38.588427 °
				-121.504859 °	-121.504859 °
DWR ID	24886				

Comment Code

Inspector Comment

FS_ID:38707
DS_ID:24886
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: ATT communication line through levee.
FS Date: 3/6/2013

No Photos

LM Start	**0.22**	Rating **	M	Issue No.	**99**
LM End	**0.22**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587615 °	38.587615 °
				-121.505034 °	-121.505034 °
DWR ID	24887				

Comment Code

Inspector Comment

FS_ID:40848
DS_ID:24887
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Pipe is installed above crown. (DWR UCIP – O. Magana)
03/06/2013 Pump station appears non-functional. Owner will need to coordinate with DWR-Inspector and CVFPB to determine if crossing meets Title 23 requirements. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 12-inch steel drainage pipe connected to 10 inch pipe through levee at unknown depth.
FS Date: 3/6/2013

Photo 1 of 3 : UCIP_SP_2019_40848_72633.jpg

Pipe through levee visible next to building located on levee.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.22**	Rating **	M	Issue No.	**99 (cont)**
LM End	**0.22**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587615 °	38.587615 °
				-121.505034 °	-121.505034 °
DWR ID	24887				

Comment Code

Inspector Comment

FS_ID:40848
DS_ID:24887
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Pipe is installed above crown. (DWR UCIP – O. Magana)
03/06/2013 Pump station appears non-functional. Owner will need to coordinate with DWR-Inspector and CVFPB to determine if crossing meets Title 23 requirements. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 12-inch steel drainage pipe connected to 10 inch pipe through levee at unknown depth.
FS Date: 3/6/2013

Photo 2 of 3 : UCIP_SP_2019_40848_72632.jpg

View of levee crown at crossing.

LM Start	**0.22**	Rating **	M	Issue No.	**99 (cont)**
LM End	**0.22**	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2019_40848_72631.jpg

View of building and additional concrete structures located on levee crown at waterward side.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.42**	Rating **	M	Issue No.	**100**
LM End	**0.42**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584794 °	38.584794 °
				-121.505548 °	-121.505548 °
DWR ID	24889				

Comment Code

Inspector Comment

FS_ID:41247
DS_ID:24889
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 10/31/2013, PACP Sewer Report was provided. PACP report is missing rating evaluation. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and find out when the City is planning the next internal inspection for this pipe. (DWR UCIP – O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No Additional information was made available through the LMA. (DWR UCIP – O. Magana)
03/06/2013 Unable to confirm if crossing exists. Approximate alignment provided by the City of Sacramento. Need to confirm alignment and status of crossing.
FIELD_STRUCT_DESC: 10-inch corrugated metal drainage pipe through levee at an unknown depth. Record was obtained from the City of Sacramento's kml file with approximate utility alignment.
FS Date: 3/6/2013

Photo 1 of 1 : UCIP_SP_2019_41247_72740.jpg

Alignment provided by City of Sacramento of 10 inch line--not found during field inspection.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.42**	Rating **	M	Issue No.	**101**
LM End	**0.42**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584762 °	38.584762 °
				-121.505556 °	-121.505556 °
DWR ID	21561				

Comment Code

Inspector Comment

FS_ID:20384
DS_ID:21561
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Internal inspection expected in August 2016 by the City of Sacramento. (DWR UCIP – O. Magana)
03/06/2013 Only manhole was visible; need to determine condition of crossing; Will need to follow up with the City of Sacramento. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 18-inch drainage pipe of unknown material through the levee, 5 feet below the levee crown. Concrete surge box on the waterside (WS) of the retaining wall. Concrete box spillway.
[Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 1 of 3 : UCIP_SP_2019_20384_34410.jpg

View of levee crown downtown Sacramento--wide crown with railroad.

LM Start	**0.42**	Rating **	M	Issue No.	**101 (cont)**
LM End	**0.42**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_20384_34409.jpg

View of manhole located at the edge of waterward.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.42**	Rating **	M	Issue No.	**101 (cont)**
LM End	**0.42**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584762 °	38.584762 °
				-121.505556 °	-121.505556 °
DWR ID	21561				

Comment Code

Inspector Comment

FS_ID:20384
DS_ID:21561
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Internal inspection expected in August 2016 by the City of Sacramento. (DWR UCIP – O. Magana)
03/06/2013 Only manhole was visible; need to determine condition of crossing; Will need to follow up with the City of Sacramento. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 18-inch drainage pipe of unknown material through the levee, 5 feet below the levee crown. Concrete surge box on the waterside (WS) of the retaining wall. Concrete box spillway. [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 3 of 3 : UCIP_SP_2019_20384_34408.jpg

View of landward side close to railroad museum.

LM Start	**0.42**	Rating **	M	Issue No.	**102**
LM End	**0.42**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584745 °	38.584745 °
				-121.505460 °	-121.505460 °
DWR ID	24892				

Comment Code

Inspector Comment

FS_ID:38713
DS_ID:24892
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments:
FIELD_STRUCT_DESC: unknown
FS Date: 3/6/2013

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.42**	Rating **	M	Issue No.	**103**
LM End	**0.42**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584739 °	38.584739 °
				-121.505483 °	-121.505483 °
DWR ID	24891				

Comment Code

Inspector Comment

FS_ID:38712
DS_ID:24891
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments:
FIELD_STRUCT_DESC: unknown crossing
FS Date: 3/6/2013

No Photos

LM Start	**0.42**	Rating **	M	Issue No.	**104**
LM End	**0.42**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584767 °	38.584767 °
				-121.505700 °	-121.505700 °
DWR ID	24890				

Comment Code

Inspector Comment

FS_ID:41417
DS_ID:24890
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Need additional information about crossing--depth of pipe, owner, status, and permit.
FIELD_STRUCT_DESC: Submarine cable from the bed of the Sacramento River through and along the natural west levee of the river at a depth of 2 feet to a point in the town of Broderick, opposite a point approximately 434 feet downstream from the "I" Street Bridge, Sacramento. (submarine cable across river approximately 434 feet downstream from the "I" Street Bridge authorized under Permit No. 881, 1942 - The Pacific Telephone & Telegraph Company [PT&T]; installation and maintenance of an armored submarine cable in, and under and across river authorized under Permit No. 1628, 1952 - PT&T)
FS Date: 3/6/2013

Photo 1 of 3 : UCIP_SP_2019_41417_72642.jpg

PacBell manhole located on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.42**	Rating **	M	Issue No.	**104 (cont)**
LM End	**0.42**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584767 °	38.584767 °
				-121.505700 °	-121.505700 °
DWR ID	24890				

Comment Code

Inspector Comment

FS_ID:41417
DS_ID:24890
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Need additional information about crossing--depth of pipe, owner, status, and permit.
FIELD_STRUCT_DESC: Submarine cable from the bed of the Sacramento River through and along the natural west levee of the river at a depth of 2 feet to a point in the town of Broderick, opposite a point approximately 434 feet downstream from the "I" Street Bridge, Sacramento. (submarine cable across river approximately 434 feet downstream from the "I" Street Bridge authorized under Permit No. 881, 1942 - The Pacific Telephone & Telegraph Company [PT&T]; installation and maintenance of an armored submarine cable in, and under and across river authorized under Permit No. 1628, 1952 - PT&T)
FS Date: 3/6/2013

Photo 2 of 3 : UCIP_SP_2019_41417_72641.jpg

Manholes located along levee--waterward side.

LM Start	**0.42**	Rating **	M	Issue No.	**104 (cont)**
LM End	**0.42**	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2019_41417_72640.jpg

View of landward side.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.49**	Rating **	M	Issue No.	**105**
LM End	**0.49**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583853 °	38.583853 °
				-121.506061 °	-121.506061 °
DWR ID	24893				

Comment Code

Inspector Comment

FS_ID:38715
DS_ID:24893
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments:
FIELD_STRUCT_DESC: unknown
FS Date: 3/6/2013

No Photos

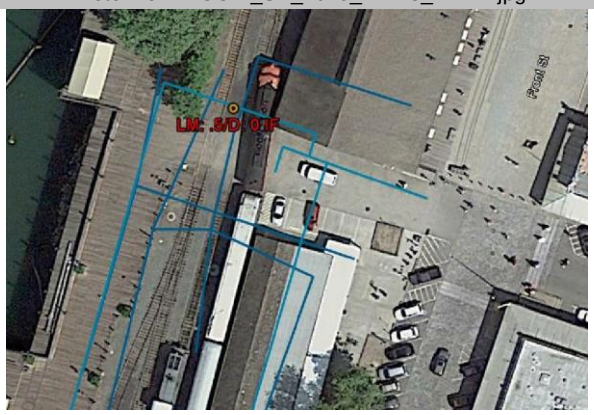
LM Start	**0.50**	Rating **	M	Issue No.	**106**
LM End	**0.50**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583693 °	38.583693 °
				-121.505909 °	-121.505909 °
DWR ID	24894				

Comment Code

Inspector Comment

FS_ID:41418
DS_ID:24894
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Need to confirm status of crossing and alignment through levee. Unable to find permit during review.
FIELD_STRUCT_DESC: 8-inch drainage pipe of unknown material through levee at unknown depth below the levee crown and along waterside (WS) for about 800 feet. Crosses levee again at 38.581544, -121.506688.
FS Date: 3/6/2013

Photo 1 of 1 : UCIP_SP_2019_41418_72741.jpg



Aproximate alignment provided by City of Sacramento -- unable to confirm if crossing is active.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

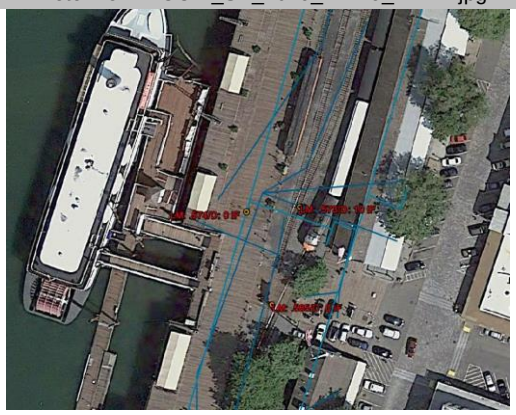
LM Start	**0.57**	Rating **	M	Issue No.	**107**
LM End	**0.57**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582700 °	38.582700 °
				-121.506266 °	-121.506266 °
DWR ID	24895				

Comment Code

Inspector Comment

FS_ID:41419
DS_ID:24895
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 10/28/2013, PACP Sewer Report was provided. PACP report is missing rating evaluation. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and find out when the City is planning the next internal inspection for this pipe. (DWR UCIP – O. Magana) 03/06/2013 Need to confirm if crossing is still present. No signs visible during site visit. No photos available.
FIELD_STRUCT_DESC: 10-inch vitrified clay drainage pipe through levee at an unknown depth. Record was obtained from the City of Sacramento's kml file with approximate utility alignment.
FS Date: 3/6/2013

Photo 1 of 1 : UCIP_SP_2019_41419_72742.jpg



Approximate alignment provided by the City of Sacramento--unable to confirm crossing in field.

LM Start	**0.57**	Rating **	M	Issue No.	**108**
LM End	**0.57**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582689 °	38.582689 °
				-121.506419 °	-121.506419 °
DWR ID	24896				

Comment Code

Inspector Comment

FS_ID:41260
DS_ID:24896
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Unable to determine if crossing is active--need to contact owner to determine status and additional details of crossing.
FIELD_STRUCT_DESC: Conduit group through floodwall.
FS Date: 3/6/2013

Photo 1 of 1 : UCIP_SP_2019_41260_72743.jpg

Conduit through floodwall.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.59**	Rating **	M	Issue No.	**109**
LM End	**0.59**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582482 °	38.582482 °
				-121.506346 °	-121.506346 °
DWR ID	24897				

Comment Code

Inspector Comment

FS_ID:41263
DS_ID:24897
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Need to contact owner. Need to determine permit issued for crossing.
FIELD_STRUCT_DESC: 8 -10 inch pipe through levee.
FS Date: 3/6/2013

Photo 1 of 1 : UCIP_SP_2019_41263_72744.jpg

Pipe through floodwall.

LM Start	**0.61**	Rating **	M	Issue No.	**110**
LM End	**0.61**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582167 °	38.582167 °
				-121.506537 °	-121.506537 °
DWR ID	24898				

Comment Code

Inspector Comment

FS_ID:41438
DS_ID:24898
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Unable to determine if crossing is active--need to contact owner to determine status and additional details of crossing.
FIELD_STRUCT_DESC: Sewer line through levee.
FS Date: 3/6/2013

Photo 1 of 1 : UCIP_SP_2019_41438_72745.jpg

View of crossing visible from waterward side looking at floodwall.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.64**	Rating **	M	Issue No.	**111**
LM End	**0.64**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581695 °	38.581695 °
				-121.506635 °	-121.506635 °
DWR ID	24899				

Comment Code

Inspector Comment

FS_ID:41420
DS_ID:24899
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Need to contact owner to determine permit issued for crossing.
FIELD_STRUCT_DESC: Group of conduits. Start 38.58169451, -121.5066352 End 38.581555, -121.506688
FS Date: 3/6/2013

Photo 1 of 1 : UCIP_SP_2019_41420_72746.jpg

View of conduits through floodwall visible from waterward side.

LM Start	**0.67**	Rating **	M	Issue No.	**112**
LM End	**0.67**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581332 °	38.581332 °
				-121.506853 °	-121.506853 °
DWR ID	24900				

Comment Code

Inspector Comment

FS_ID:41266
DS_ID:24900
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Line does not cross levee--delete record. (DWR UCIP – O. Magana)
03/06/2013 Unable to confirm if crossing goes through levee. Need to contact owner to determine alignment for crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: *DELETE* Fire hydrant visible on levee crown located in downtown Sacramento.
FS Date: 3/6/2013

Photo 1 of 1 : UCIP_SP_2019_41266_72747.jpg

Fire hydrant visible on levee crown.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.68**	Rating **	M	Issue No.	**113**
LM End	**0.68**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581197 °	38.581197 °
				-121.506819 °	-121.506819 °
DWR ID	24901				

Comment Code

Inspector Comment

FS_ID:38722
DS_ID:24901
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments:
FIELD_STRUCT_DESC: water line penetration
FS Date: 3/6/2013

No Photos

LM Start	**0.68**	Rating **	M	Issue No.	**114**
LM End	**0.68**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581131 °	38.581131 °
				-121.506819 °	-121.506819 °
DWR ID	24902				

Comment Code

Inspector Comment

FS_ID:38723
DS_ID:24902
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments:
FIELD_STRUCT_DESC: line penetration
FS Date: 3/6/2013

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.71**	Rating **	M	Issue No.	**115**
LM End	**0.71**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580743 °	38.580743 °
				-121.506986 °	-121.506986 °
DWR ID	24903				

Comment Code

Inspector Comment

FS_ID:38766
DS_ID:24903
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Need to contact owner to determine type of crossing and status of crossing.
FIELD_STRUCT_DESC: Crossing visible through floodwall visible on waterward side.
FS Date: 3/6/2013

No Photos

LM Start	**0.73**	Rating **	M	Issue No.	**116**
LM End	**0.73**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580472 °	38.580472 °
				-121.507147 °	-121.507147 °
DWR ID	24904				

Comment Code

Inspector Comment

FS_ID:38726
DS_ID:24904
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments:
FIELD_STRUCT_DESC: electrical conduit box
FS Date: 3/6/2013

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.74**	Rating **	M	Issue No.	**117**
LM End	**0.74**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580413 °	38.580413 °
				-121.507166 °	-121.507166 °
DWR ID	24905				

Comment Code

Inspector Comment

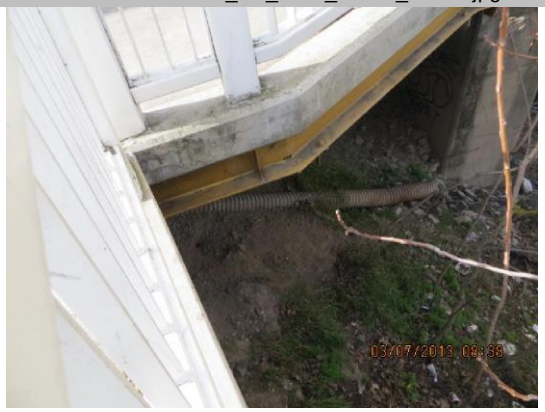
FS_ID:41421
DS_ID:24905
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. This crossing appears to be a Caltrans pipe and is part of the permit for the Bridge. Pipe might not go through levee. Need to pull Bridge permit to review As-built drawings. (DWR UCIP – O. Magana)
03/06/2013 Need to contact owner to determine status and permit number for crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: Corrugated metal drainage pipe through floodwall visible on waterside (WS).
FS Date: 3/6/2013

Photo 1 of 3 : UCIP_SP_2019_41421_72750.jpg

View of waterward side.

LM Start	**0.74**	Rating **	M	Issue No.	**117 (cont)**
LM End	**0.74**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_41421_72749.jpg



Pipe visible on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.74**	Rating **	M	Issue No.	**117 (cont)**
LM End	**0.74**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580413 °	38.580413 °
				-121.507166 °	-121.507166 °
DWR ID	24905				

Comment Code

Inspector Comment

FS_ID:41421
DS_ID:24905
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. This crossing appears to be a Caltrans pipe and is part of the permit for the Bridge. Pipe might not go through levee. Need to pull Bridge permit to review As-built drawings. (DWR UCIP – O. Magana)
03/06/2013 Need to contact owner to determine status and permit number for crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: Corrugated metal drainage pipe through floodwall visible on waterside (WS).
FS Date: 3/6/2013

Photo 3 of 3 : UCIP_SP_2019_41421_72748.jpg

View of general area immediately downstream from crossing.

LM Start	**0.79**	Rating **	M	Issue No.	**118**
LM End	**0.79**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579661 °	38.579661 °
				-121.507480 °	-121.507480 °
DWR ID	24906				

Comment Code

Inspector Comment

FS_ID:38728
DS_ID:24906
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments:
FIELD_STRUCT_DESC: 3 inch conduit
FS Date: 3/6/2013

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.79**	Rating **	M	Issue No.	**119**
LM End	**0.79**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579598 °	38.579598 °
				-121.507368 °	-121.507368 °
DWR ID	24907				

Comment Code

Inspector Comment

FS_ID:38729
DS_ID:24907
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments:
FIELD_STRUCT_DESC: backflow line
FS Date: 3/6/2013

No Photos

LM Start	**0.81**	Rating **	M	Issue No.	**120**
LM End	**0.81**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579353 °	38.579353 °
				-121.507560 °	-121.507560 °
DWR ID	24908				

Comment Code

Inspector Comment

FS_ID:41422
DS_ID:24908
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No Additional information was made available through the LMA. (DWR UCIP – O. Magana)
03/06/2013 Need to contact owner to determine status, purpose for lines, and permit number. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: Cluster of conduits through floodwall visible from waterside (WS).
FS Date: 3/6/2013

Photo 1 of 3 : UCIP_SP_2019_41422_72754.jpg

View of levee just downstream from crossings.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.81**	Rating **	M	Issue No.	**120 (cont)**
LM End	**0.81**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579353 °	38.579353 °
				-121.507560 °	-121.507560 °
DWR ID	24908				

Comment Code

Inspector Comment

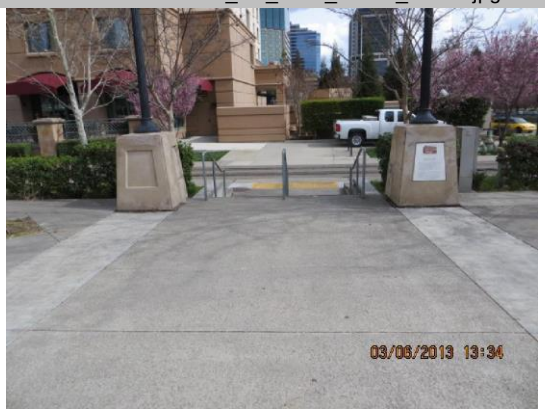
FS_ID:41422
DS_ID:24908
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No Additional information was made available through the LMA. (DWR UCIP – O. Magana)
03/06/2013 Need to contact owner to determine status, purpose for lines, and permit number. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: Cluster of conduits through floodwall visible from waterside (WS).
FS Date: 3/6/2013

Photo 2 of 3 : UCIP_SP_2019_41422_72753.jpg

Conduits through floodwayll.

LM Start	**0.81**	Rating **	M	Issue No.	**120 (cont)**
LM End	**0.81**	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2019_41422_72752.jpg



View of landward side.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.84**	Rating **	A/W	Issue No.	**83**
LM End	**0.84**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.578955 °	38.578955 °
				-121.507703 °	-121.507703 °
DWR ID	DWR_NA0005_01_f _ 2018_83				

Comment Code

TR : Tree or limb

Inspector Comment

Removal of log next to floodwall could not be verified due to high water.

Photo 1 of 1 : SP_2019_NA0005_251_83_20190307_00008.jpg

Tree debris against floodwall. Fall 2018

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.84**	Rating **	M	Issue No.	**121**
LM End	**0.84**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.578906 °	38.578906 °
				-121.507750 °	-121.507750 °
DWR ID	21562				

Comment Code

Inspector Comment

FS_ID:52601
DS_ID:21562
EP_NO: 5695
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/05/2018 Received reply from Joseph C. Estepa regarding status of “O St. Outfall”. The maintenance project to remove and replace the headwall and flapper gate (not the pipe) was pushed out due to additional time and resources required by Caltrans’ Environmental Unit to complete the Environmental Document. The project is scheduled to be in Construction on 2022-2023. Caltrans has contacted the CVFPB and met with Mr. Sungho Lee on June 7, 2017 to discuss the scope of the project. For program and project schedule updates Caltrans’ contact is Mr. Aloysius Pelly at 530-741-5197. Need to contact Mr. Brian Korte with Caltrans’ District Culvert Inspection Coordinator, at 530-741-5377, to request current maintenance records to determine condition of internal pipe. (DWR UCIP – O. Magana)
03/02/2018 Spoke with Mike Gonsalves, North Area Drainage Supervisor, and he said that Caltrans is still planning on replacing the pipe this year. Need to contact Joseph C. Estepa with Caltrans to determine status of pipe replacement project and determine if the CVFPB will issue a new permit. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Mike Gonsalves mentioned that inspection completed in 2016 by Caltrans revealed structure needed some repairs. Caltrans is working at replacing/repairing pipe by 2018. (DWR UCIP – O. Magana)
FIELD_STRUCT_DESC: [O Street Outfall] 30-inch concrete encased drainage pipe through the levee, 6.2 feet below the crown. Gate valves and siphon breaker in concrete box in the waterside (WS) shoulder. Concrete headwall on the WS. Pump on the landside (LS). Ramp on LS "O" Street. (30-inch pipe authorized under Permit No. 5695-A, 1970 - State of California, Department of Public Works Division of Highways [Caltrans]) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 1 of 3 : UCIP_SP_2019_52601_34414.jpg

View of landward side--wide levee crown.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.84**	Rating **	M	Issue No.	**121 (cont)**
LM End	**0.84**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.578906 °	38.578906 °
				-121.507750 °	-121.507750 °
DWR ID	21562				

Comment Code

Inspector Comment

FS_ID:52601
DS_ID:21562
EP_NO: 5695
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/05/2018 Received reply from Joseph C. Estepa regarding status of “O St. Outfall”. The maintenance project to remove and replace the headwall and flapper gate (not the pipe) was pushed out due to additional time and resources required by Caltrans’ Environmental Unit to complete the Environmental Document. The project is scheduled to be in Construction on 2022-2023. Caltrans has contacted the CVFPB and met with Mr. Sungho Lee on June 7, 2017 to discuss the scope of the project. For program and project schedule updates Caltrans’ contact is Mr. Aloysius Pelly at 530-741-5197. Need to contact Mr. Brian Korte with Caltrans’ District Culvert Inspection Coordinator, at 530-741-5377, to request current maintenance records to determine condition of internal pipe. (DWR UCIP – O. Magana)
03/02/2018 Spoke with Mike Gonsalves, North Area Drainage Supervisor, and he said that Caltrans is still planning on replacing the pipe this year. Need to contact Joseph C. Estepa with Caltrans to determine status of pipe replacement project and determine if the CVFPB will issue a new permit. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Mike Gonsalves mentioned that inspection completed in 2016 by Caltrans revealed structure needed some repairs. Caltrans is working at replacing/repairing pipe by 2018. (DWR UCIP – O. Magana)
FIELD_STRUCT_DESC: [O Street Outfall] 30-inch concrete encased drainage pipe through the levee, 6.2 feet below the crown. Gate valves and siphon breaker in concrete box in the waterside (WS) shoulder. Concrete headwall on the WS. Pump on the landside (LS). Ramp on LS "O" Street. (30-inch pipe authorized under Permit No. 5695-A, 1970 - State of California, Department of Public Works Division of Highways [Caltrans]) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 2 of 3 : UCIP_SP_2019_52601_34413.jpg

Valve box located along walkway on levee crown.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**0.84**	Rating **	M	Issue No.	**121 (cont)**
LM End	**0.84**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.578906 °	38.578906 °
				-121.507750 °	-121.507750 °
DWR ID	21562				

Comment Code

Inspector Comment

FS_ID:52601
DS_ID:21562
EP_NO: 5695
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/05/2018 Received reply from Joseph C. Estepa regarding status of “O St. Outfall”. The maintenance project to remove and replace the headwall and flapper gate (not the pipe) was pushed out due to additional time and resources required by Caltrans’ Environmental Unit to complete the Environmental Document. The project is scheduled to be in Construction on 2022-2023. Caltrans has contacted the CVFPB and met with Mr. Sungho Lee on June 7, 2017 to discuss the scope of the project. For program and project schedule updates Caltrans’ contact is Mr. Aloysius Pelly at 530-741-5197. Need to contact Mr. Brian Korte with Caltrans’ District Culvert Inspection Coordinator, at 530-741-5377, to request current maintenance records to determine condition of internal pipe. (DWR UCIP – O. Magana)
03/02/2018 Spoke with Mike Gonsalves, North Area Drainage Supervisor, and he said that Caltrans is still planning on replacing the pipe this year. Need to contact Joseph C. Estepa with Caltrans to determine status of pipe replacement project and determine if the CVFPB will issue a new permit. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Mike Gonsalves mentioned that inspection completed in 2016 by Caltrans revealed structure needed some repairs. Caltrans is working at replacing/repairing pipe by 2018. (DWR UCIP – O. Magana)
FIELD_STRUCT_DESC: [O Street Outfall] 30-inch concrete encased drainage pipe through the levee, 6.2 feet below the crown. Gate valves and siphon breaker in concrete box in the waterside (WS) shoulder. Concrete headwall on the WS. Pump on the landside (LS). Ramp on LS "O" Street. (30-inch pipe authorized under Permit No. 5695-A, 1970 - State of California, Department of Public Works Division of Highways [Caltrans]) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 3 of 3 : UCIP_SP_2019_52601_34412.jpg

View of pipe crossing through floodwall--waterward side.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.12**	Rating **	M	Issue No.	**73**
LM End	**1.13**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.575255 °	38.575095 °
				-121.509765 °	-121.509895 °
DWR ID	DWR_NA0005_01_s _ 2019_73				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**1.12**	Rating **	M	Issue No.	**77**
LM End	**1.13**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.575255 °	38.575095 °
				-121.509765 °	-121.509895 °
DWR ID	DWR_NA0005_01_s _ 2019_77				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	**1.19**	Rating **	M	Issue No.	**79**
LM End	**1.20**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.574460 °	38.574355 °
				-121.510495 °	-121.510570 °
DWR ID	DWR_NA0005_01_s _ 2019_79				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.24**	Rating **	M	Issue No.	**122**
LM End	**1.24**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.573901 °	38.573901 °
				-121.511025 °	-121.511025 °
DWR ID	21565				

Comment Code

Inspector Comment

FS_ID:41425
DS_ID:21565
EP_NO: 5140
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Pipe was abandoned in February 2016. Pipe was slurry filled, cut on the LS, and capped. Pipe was abandoned, see Permit No. 5140 records, as part of the Central Plant Renovation Project #113072 Outfall and Pipeline Abandonment at the Ranney Well Site Letter of Authorization (2015). (DWR UCIP – O. Magana)
03/06/2013 Need to determine more details pertaining to crossing, coordinate with City of Sacramento. Is crossing active? (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: *ABANDONED* 30-inch reinforced concrete condensing water pipe sleeved through 40-inch diameter pipe through the levee, 5 feet below the levee crown. Annular space between 30-inch pipe and 40-inch pipe grouted. Anchor blocks on both ends, concrete pipes under pads over pipe under railroad. Cap on the waterside (WS) end. A 1.5-foot thick by 8-foot high by 8-foot wide reinforced concrete headwall supported on a 2-foot thick by 5.5-foot wide by 12-foot long concrete footing. An 8-foot high by 64-foot wide apron constructed around the waterside (WS) end of the pipe at the WS shoulder of the levee. 18-inch temporary diameter welded steel pipe sleeved through existing 30 inch used to convey water from construction site. (30-inch pipe authorized under Permit No. 5140, 1966 - State of California-Department of General Services, abandonment of 30-inch pipe request as part of the Central Plant Renovation Project #113072 Outfall and Pipeline Abandonment at the Ranney Well Site Letter of Authorization (2015); 18-inch pipe sleveed through existing 30-inch pipe authorized under Permit No. 5745, 1967 - Ranney Method Western Corporation) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 1 of 3 : UCIP_SP_2019_41425_34145.jpg

View of railroad and bike path located on levee crown--wide levee.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.24**	Rating **	M	Issue No.	**122 (cont)**
LM End	**1.24**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.573901 °	38.573901 °
				-121.511025 °	-121.511025 °
DWR ID	21565				

Comment Code

Inspector Comment

FS_ID:41425
DS_ID:21565
EP_NO: 5140
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Pipe was abandoned in February 2016. Pipe was slurry filled, cut on the LS, and capped. Pipe was abandoned, see Permit No. 5140 records, as part of the Central Plant Renovation Project #113072 Outfall and Pipeline Abandonment at the Ranney Well Site Letter of Authorization (2015). (DWR UCIP – O. Magana)
03/06/2013 Need to determine more details pertaining to crossing, coordinate with City of Sacramento. Is crossing active? (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: *ABANDONED* 30-inch reinforced concrete condensing water pipe sleeved through 40-inch diameter pipe through the levee, 5 feet below the levee crown. Annular space between 30-inch pipe and 40-inch pipe grouted. Anchor blocks on both ends, concrete pipes under pads over pipe under railroad. Cap on the waterside (WS) end. A 1.5-foot thick by 8-foot high by 8-foot wide reinforced concrete headwall supported on a 2-foot thick by 5.5-foot wide by 12-foot long concrete footing. An 8-foot high by 64-foot wide apron constructed around the waterside (WS) end of the pipe at the WS shoulder of the levee. 18-inch temporary diameter welded steel pipe sleeved through existing 30 inch used to convey water from construction site. (30-inch pipe authorized under Permit No. 5140, 1966 - State of California-Department of General Services, abandonment of 30-inch pipe request as part of the Central Plant Renovation Project #113072 Outfall and Pipeline Abandonment at the Ranney Well Site Letter of Authorization (2015); 18-inch pipe sleveed through existing 30-inch pipe authorized under Permit No. 5745, 1967 - Ranney Method Western Corporation) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 2 of 3 : UCIP_SP_2019_41425_34144.jpg

Headwall with 1 crossing capped off.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.24**	Rating **	M	Issue No.	**122 (cont)**
LM End	**1.24**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.573901 °	38.573901 °
				-121.511025 °	-121.511025 °
DWR ID	21565				

Comment Code

Inspector Comment

FS_ID:41425
DS_ID:21565
EP_NO: 5140
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Pipe was abandoned in February 2016. Pipe was slurry filled, cut on the LS, and capped. Pipe was abandoned, see Permit No. 5140 records, as part of the Central Plant Renovation Project #113072 Outfall and Pipeline Abandonment at the Ranney Well Site Letter of Authorization (2015). (DWR UCIP – O. Magana)
03/06/2013 Need to determine more details pertaining to crossing, coordinate with City of Sacramento. Is crossing active? (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: *ABANDONED* 30-inch reinforced concrete condensing water pipe sleeved through 40-inch diameter pipe through the levee, 5 feet below the levee crown. Annular space between 30-inch pipe and 40-inch pipe grouted. Anchor blocks on both ends, concrete pipes under pads over pipe under railroad. Cap on the waterside (WS) end. A 1.5-foot thick by 8-foot high by 8-foot wide reinforced concrete headwall supported on a 2-foot thick by 5.5-foot wide by 12-foot long concrete footing. An 8-foot high by 64-foot wide apron constructed around the waterside (WS) end of the pipe at the WS shoulder of the levee. 18-inch temporary diameter welded steel pipe sleeved through existing 30 inch used to convey water from construction site. (30-inch pipe authorized under Permit No. 5140, 1966 - State of California-Department of General Services, abandonment of 30-inch pipe request as part of the Central Plant Renovation Project #113072 Outfall and Pipeline Abandonment at the Ranney Well Site Letter of Authorization (2015); 18-inch pipe sleveed through existing 30-inch pipe authorized under Permit No. 5745, 1967 - Ranney Method Western Corporation) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 3 of 3 : UCIP_SP_2019_41425_34143.jpg

Metal plate used to cap off pipe.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.25**	Rating **	M	Issue No.	**81**
LM End	**1.26**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.573732 °	38.573585 °
				-121.511178 °	-121.511367 °
DWR ID	DWR_NA0005_01_s _ 2019_81				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**1.31**	Rating **	C	Issue No.	**74**
LM End	**1.31**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.573096 °	38.573096 °
				-121.511813 °	-121.511813 °
DWR ID	DWR_NA0005_01_f _ 2018_74				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.31**	Rating **	M	Issue No.	**72**
LM End	**1.39**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.573169 °	38.572277 °
				-121.511998 °	-121.513063 °
DWR ID	DWR_NA0005_01_s _ 2019_72				

Comment Code

Inspector Comment

2017 Site ID: SAC 58.5 L
Status: Eroding
2017 Field Notes: Slump sections along mid bank. (SCDU-03).
Site History: 2008 - Oversized levee, should be repaired under maintenance. 2009 - Shallow slumps at the mid bank. 2010 - Some minor erosion at the toe, likely from wave wash. Some new shallow slumps. 2011 - One new tree has fallen. 2013 - Erosion continues on the slope surface, site extended upstream.

No Photos

LM Start	**1.36**	Rating **	M	Issue No.	**84**
LM End	**1.41**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.572482 °	38.571930 °
				-121.512550 °	-121.513130 °
DWR ID	DWR_NA0005_01_s _ 2019_84				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.41**	Rating **	M	Issue No.	**123**
LM End	**1.41**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572019 °	38.572019 °
				-121.513082 °	-121.513082 °
DWR ID	21580				

Comment Code

Inspector Comment

FS_ID:49767
DS_ID:21580
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No Additional information was made available regarding the fate of this crossing. (DWR UCIP – O. Magana)
03/06/2013 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [SUMP 1] 1 of 3: 6-inch steel water line through the levee, 8 feet below the crown. Gate valves located on the waterside (WS) slope. Manhole located on landside (LS) berm. [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 1 of 2 : UCIP_SP_2019_49767_34067.jpg

View of landward side where crossing should be running through.

LM Start	**1.41**	Rating **	M	Issue No.	**123 (cont)**
LM End	**1.41**	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2019_49767_34066.jpg

View of pipe and gate valve located on waterward slope.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.41**	Rating **	M	Issue No.	**124**
LM End	**1.41**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572018 °	38.572018 °
				-121.513081 °	-121.513081 °
DWR ID	21969				

Comment Code

Inspector Comment

FS_ID:49957
DS_ID:21969
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Line is 60-inch force main not 72-inch, dwg was provided by the City of Sacramento. (DWR UCIP – O. Magana)
07/19/2016 Crossing has been re-classified from Urgent to Non-Urgent leak has been repaired. Need to coordinate with owner to determine alignment of crossing and depth through the levee. (DWR UCIP - omagana)10/17/2014 Subsidence visible on landward side--DWR inspector was notified during field visit. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: [SUMP 1] 2 of 3: 60-inch concrete sewer line through the levee at low elevation. Slide gate inside concrete well located on the waterside (WS) slope. Manhole located on landside (LS) berm. Discharge gate located on the WS. Multiple manholes are located on LS berm. [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 7/19/2016

Photo 1 of 3 : UCIP_SP_2019_49957_34071.jpg

View of 6 inch pipe and shut-off valve located on waterward slope.

LM Start	**1.41**	Rating **	M	Issue No.	**124 (cont)**
LM End	**1.41**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_49957_34072.jpg

View of landward side--tall grass along slope limit inspection.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.41**	Rating **	M	Issue No.	**124 (cont)**
LM End	**1.41**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572018 °	38.572018 °
				-121.513081 °	-121.513081 °
DWR ID	21969				

Comment Code

Inspector Comment

FS_ID:49957
DS_ID:21969
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Line is 60-inch force main not 72-inch, dwg was provided by the City of Sacramento. (DWR UCIP – O. Magana)
07/19/2016 Crossing has been re-classified from Urgent to Non-Urgent leak has been repaired. Need to coordinate with owner to determine alignment of crossing and depth through the levee. (DWR UCIP - omagana)10/17/2014 Subsidence visible on landward side--DWR inspector was notified during field visit. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: [SUMP 1] 2 of 3: 60-inch concrete sewer line through the levee at low elevation. Slide gate inside concrete well located on the waterside (WS) slope. Manhole located on landside (LS) berm. Discharge gate located on the WS. Multiple manholes are located on LS berm. [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 7/19/2016

Photo 3 of 3 : UCIP_SP_2019_49957_75769.jpg

View of WS--gate inside concrete structure.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.41**	Rating **	M	Issue No.	**125**
LM End	**1.41**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571976 °	38.571976 °
				-121.513060 °	-121.513060 °
DWR ID	21968				

Comment Code

Inspector Comment

FS_ID:49766
DS_ID:21968
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Line does not exist, no additional information was obtained to determine fate of line (was line removed or abandoned). (DWR UCIP – O. Magana) 03/06/2013 Need to coordinate with City of Sacramento to determine if crossing is active. Urgent was issued for this crossing due to the subsidence evident on landward berm. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: [SUMP 1] 3 of 3: 8-inch cast iron pipe through levee, 8 feet below the crown. [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

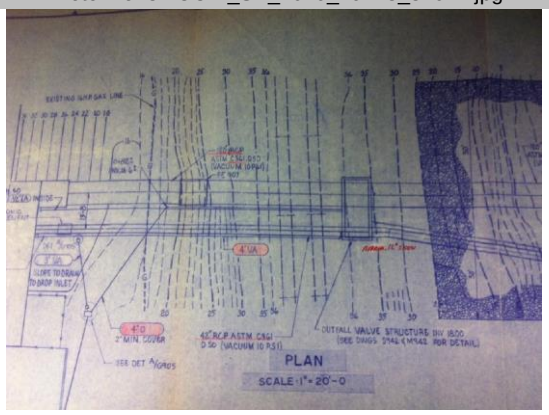
LM Start	**1.43**	Rating **	M	Issue No.	**126**
LM End	**1.43**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571790 °	38.571790 °
				-121.513323 °	-121.513323 °
DWR ID	22483				

Comment Code

Inspector Comment

FS_ID:49778
DS_ID:22483
EP_NO: 12196
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Wash water line brings clean water to pump station to clean and then discharged into the 120-inch line. (DWR UCIP – O. Magana)
03/06/2013 Vault located on levee crown (bike path) and siphon breaker located on waterward shoulder. Coordinate with City of Sacramento to determine the condition of this crossing and last inspection. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Pioneer Outfall] 1 of 2: 42-inch reinforced concrete water pipe through levee, 10 feet below the levee crown. Crossing is a wash water intake pipe used to clean out the larger pipe. Line extends approximately 145 feet from the intake to the outfall valve structure located on the waterside (WS) shoulder of the levee. Pipe is skewed approximately 12 degrees upstream. Water Intake structure has a screen located on the WS intake. WS slope is armored by rock slope protection. Rock slope protection perimeter exists at river intake. Stairway is located on the landside (LS). (42-inch pipe was installed under Permit No. 12196, 1981 - Sacramento Regional County Sanitation District; pipe was relined under Permit No. 16611, 1996 - City of Sacramento, Department of Utilities) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

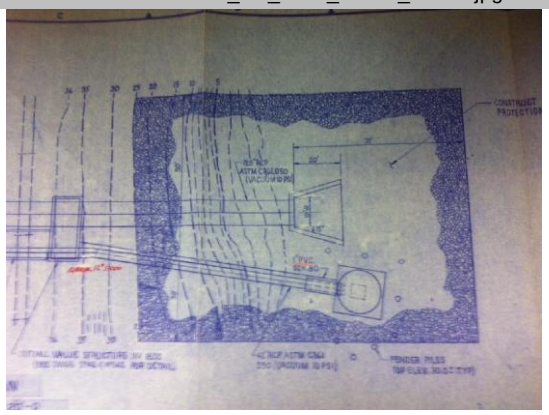
Photo 1 of 3 : UCIP_SP_2019_49778_34024.jpg



DWG showing 42-inch and 120-inch pipes through levee and connection to outfall valve structure.

LM Start	**1.43**	Rating **	M	Issue No.	**126 (cont)**
LM End	**1.43**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_49778_34027.jpg



Rip rap protection around outfall structure for 42-inch and 120-inch pipes.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.43**	Rating **	M	Issue No.	**126 (cont)**
LM End	**1.43**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571790 °	38.571790 °
				-121.513323 °	-121.513323 °
DWR ID	22483				

Comment Code

Inspector Comment

FS_ID:49778
DS_ID:22483
EP_NO: 12196
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Wash water line brings clean water to pump station to clean and then discharged into the 120-inch line. (DWR UCIP – O. Magana)
03/06/2013 Vault located on levee crown (bike path) and siphon breaker located on waterward shoulder. Coordinate with City of Sacramento to determine the condition of this crossing and last inspection. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Pioneer Outfall] 1 of 2: 42-inch reinforced concrete water pipe through levee, 10 feet below the levee crown. Crossing is a wash water intake pipe used to clean out the larger pipe. Line extends approximately 145 feet from the intake to the outfall valve structure located on the waterside (WS) shoulder of the levee. Pipe is skewed approximately 12 degrees upstream. Water Intake structure has a screen located on the WS intake. WS slope is armored by rock slope protection. Rock slope protection perimeter exists at river intake. Stairway is located on the landside (LS). (42-inch pipe was installed under Permit No. 12196, 1981 - Sacramento Regional County Sanitation District; pipe was relined under Permit No. 16611, 1996 - City of Sacramento, Department of Utilities) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 3 of 3 : UCIP_SP_2019_49778_34025.jpg

Walkway present on waterward shoulder.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.43**	Rating **	M	Issue No.	**127**
LM End	**1.43**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571776 °	38.571776 °
				-121.513364 °	-121.513364 °
DWR ID	21569				

Comment Code

Inspector Comment

FS_ID:49958
DS_ID:21569
EP_NO: 12196
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Wash water line brings clean water to pump station to clean and then discharged into the 120-inch line. (DWR UCIP – O. Magana)
7/19/2016 Leak was repaired. Leak was caused by failed gasket. Sink hole present on LS was pressure grouted. (DWR UCIP - omagana)10/17/2014 Check with City of Sacramento to determine last inspection and condition of crossing. Vegetation on waterward and landward slope makes it difficult to inspect and identify any potential leaks visible from surface. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: [Pioneer Outfall] 2 of 2: 120-inch reinforced concrete outfall pipe through the levee, 3 feet below the crown. Pipe extends approximately 117 feet from the discharge point to a reinforced concrete outfall valve structure located on the waterside (WS) shoulder. WS slope is armored by rock slope protection. Rock slope protection perimeter exists at outlet. (120-inch pipe installed under Permit No. 12196, 1977 - Sacramento Regional County Sanitation District)
[Additional Reference(s): DWR Levee Log, 1993]
FS Date: 7/19/2016

Photo 1 of 3 : UCIP_SP_2019_49958_34051.jpg

View of levee crown--outlet valve structure located along bike path and siphon breaker on waterward shoulder.

LM Start	**1.43**	Rating **	M	Issue No.	**127 (cont)**
LM End	**1.43**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_49958_34050.jpg

View of waterward side--outlet submerged.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.43**	Rating **	M	Issue No.	**127 (cont)**
LM End	**1.43**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571776°	38.571776°
				-121.513364°	-121.513364°
DWR ID	21569				

Comment Code

Inspector Comment

FS_ID:49958
DS_ID:21569
EP_NO: 12196
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Wash water line brings clean water to pump station to clean and then discharged into the 120-inch line. (DWR UCIP – O. Magana)
7/19/2016 Leak was repaired. Leak was caused by failed gasket. Sink hole present on LS was pressure grouted. (DWR UCIP - omagana)10/17/2014 Check with City of Sacramento to determine last inspection and condition of crossing. Vegetation on waterward and landward slope makes it difficult to inspect and identify any potential leaks visible from surface. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: [Pioneer Outfall] 2 of 2: 120-inch reinforced concrete outfall pipe through the levee, 3 feet below the crown. Pipe extends approximately 117 feet from the discharge point to a reinforced concrete outfall valve structure located on the waterside (WS) shoulder. WS slope is armored by rock slope protection. Rock slope protection perimeter exists at outlet. (120-inch pipe installed under Permit No. 12196, 1977 - Sacramento Regional County Sanitation District)
[Additional Reference(s): DWR Levee Log, 1993]
FS Date: 7/19/2016

Photo 3 of 3 : UCIP_SP_2019_49958_34049.jpg

Tall grass along pipe alignment--limited inspection.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.46**	Rating **	A/W	Issue No.	**91**
LM End	**1.46**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.571397 °	38.571397 °
				-121.513797 °	-121.513797 °
DWR ID	DWR_NA0005_01_f _ 2017_75				

Comment Code

Inspector Comment

Levee Evaluation Comments
Description:
Site ID No:50
Site Designation:SCDU-03
Repair Type: Erosion
Rating:Critical
Field Date:7/18/2017
Notes:

Photo 1 of 3 : LEVAL_SP_2019_50_1745.jpg

LM Start	**1.46**	Rating **	A/W	Issue No.	**91 (cont)**
LM End	**1.46**	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL_SP_2019_50_1748.jpg

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.46**	Rating **	A/W	Issue No.	**91 (cont)**
LM End	**1.46**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.571397 °	38.571397 °
				-121.513797 °	-121.513797 °
DWR ID	DWR_NA0005_01_f _ 2017_75				

Comment Code

Inspector Comment

Levee Evaluation Comments
Description:
Site ID No:50
Site Designation:SCDU-03
Repair Type: Erosion
Rating:Critical
Field Date:7/18/2017
Notes:

Photo 3 of 3 : LEVAL_SP_2019_50_1749.jpg

LM Start	**1.49**	Rating **	M	Issue No.	**85**
LM End	**1.49**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.571203 °	38.571203 °
				-121.514160 °	-121.514160 °
DWR ID	DWR_NA0005_01_s _ 2019_85				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.59**	Rating **	M	Issue No.	**128**
LM End	**1.59**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570116 °	38.570116 °
				-121.515352 °	-121.515352 °
DWR ID	21610				

Comment Code

Inspector Comment

FS_ID:38733
DS_ID:21610
EP_NO: 6627
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 03/07/2018 Permit records show that temporary pipe will be completely removed from the project works prior to October 15, 1969. However, there is no record to confirm this requirement. Additional research is recommended for this crossing to be able to update record as removed. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No Additional information was made available through the LMA. (DWR UCIP – O. Magana)
FIELD_STRUCT_DESC: 34-inch steel discharge pipe through levee, 3 feet below the levee crown. (34-inch pipe authorized under Permit No. 6627, C. K. Moseman Construction Co., temporary pipe)
FS Date: 3/6/2013

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.59**	Rating **	M	Issue No.	**129**
LM End	**1.59**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515402 °	-121.515402 °
DWR ID	21558				

Comment Code

Inspector Comment

FS_ID:32883
DS_ID:21558
EP_NO: 2371
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line (referred to as L-172A) and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017, and a 2012 Integrity Assessment to determine the condition of the line and no issues were identified by PG&E for this line. In 2012, PG&E coordinated with the CVFPB a gas line integrity excavation at the location behind Leiva Park off of V Street in Sacramento. Based on the supporting documentation provided by PG&E this crossing is current with updated inspections by owner, no action needed. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP – O. Magana)
03/06/2013 Need to coordinate with PG&E to clarify all appurtenances associated with crosssing. Need maintenance records for this crossing (last inspection). (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 12-inch gas line of unknown material through the levee, 5 feet below the levee crown. Gas pipeline sign on the waterside (WS) slope and rectangular concrete box is located on the WS berm. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (12-inch line authorized under Permit No. 2371, 1959 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 1 of 3 : UCIP_SP_2019_32883_59502.jpg

PG&E warning gas line crossing--waterward side view.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

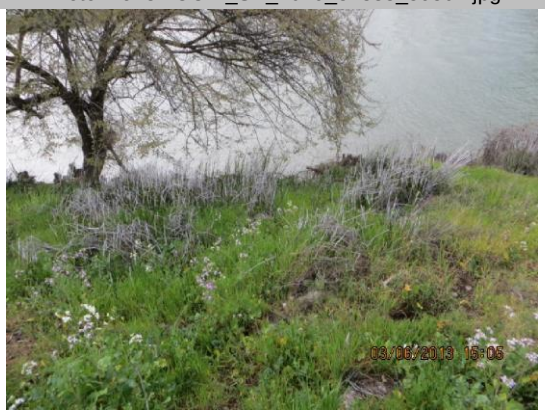
LM Start	**1.59**	Rating **	M	Issue No.	**129 (cont)**
LM End	**1.59**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515402 °	-121.515402 °
DWR ID	21558				

Comment Code

Inspector Comment

FS_ID:32883
DS_ID:21558
EP_NO: 2371
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line (referred to as L-172A) and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017, and a 2012 Integrity Assessment to determine the condition of the line and no issues were identified by PG&E for this line. In 2012, PG&E coordinated with the CVFPB a gas line integrity excavation at the location behind Leiva Park off of V Street in Sacramento. Based on the supporting documentation provided by PG&E this crossing is current with updated inspections by owner, no action needed. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP – O. Magana)
03/06/2013 Need to coordinate with PG&E to clarify all appurtenances associated with crosssing. Need maintenance records for this crossing (last inspection). (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 12-inch gas line of unknown material through the levee, 5 feet below the levee crown. Gas pipeline sign on the waterside (WS) slope and rectangular concrete box is located on the WS berm. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (12-inch line authorized under Permit No. 2371, 1959 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 2 of 3 : UCIP_SP_2019_32883_59501.jpg



View of waterward slope--tall grass limits inspection.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.59**	Rating **	M	Issue No.	**129 (cont)**
LM End	**1.59**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515402 °	-121.515402 °
DWR ID	21558				

Comment Code

Inspector Comment

FS_ID:32883
DS_ID:21558
EP_NO: 2371
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line (referred to as L-172A) and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017, and a 2012 Integrity Assessment to determine the condition of the line and no issues were identified by PG&E for this line. In 2012, PG&E coordinated with the CVFPB a gas line integrity excavation at the location behind Leiva Park off of V Street in Sacramento. Based on the supporting documentation provided by PG&E this crossing is current with updated inspections by owner, no action needed. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP – O. Magana)
03/06/2013 Need to coordinate with PG&E to clarify all appurtenances associated with crosssing. Need maintenance records for this crossing (last inspection). (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 12-inch gas line of unknown material through the levee, 5 feet below the levee crown. Gas pipeline sign on the waterside (WS) slope and rectangular concrete box is located on the WS berm. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (12-inch line authorized under Permit No. 2371, 1959 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/6/2013

Photo 3 of 3 : UCIP_SP_2019_32883_59500.jpg

View of levee crown (trail) near waterward dhoulder edge.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.59**	Rating **	M	Issue No.	**130**
LM End	**1.59**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515402 °	-121.515402 °
DWR ID	24909				

Comment Code

Inspector Comment

FS_ID:41288
DS_ID:24909
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line (referred to as L-172A) and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017, and a 2012 Integrity Assessment to determine the condition of the line and no issues were identified by PG&E for this line. In 2012, PG&E coordinated with the CVFPB a gas line integrity excavation at the location behind Leiva Park off of V Street in Sacramento. Based on the supporting documentation provided by PG&E this crossing is current with updated inspections by owner, no action needed. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. (DWR UCIP – O. Magana)
03/06/2013 Need to contact owner to determine status. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: Gas line through levee. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (12-inch line authorized under Permit No. 2371, 1959 - Pacific Gas and Electric Company [PG&E])
FS Date: 3/6/2013

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.61**	Rating **	M	Issue No.	**131**
LM End	**1.61**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569806 °	38.569806 °
				-121.515546 °	-121.515546 °
DWR ID	21617				

Comment Code

Inspector Comment

FS_ID:41442
DS_ID:21617
EP_NO: 14732
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line (referred to as L-116) and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017, a 2012 Integrity Assessment, and a 2016 in-line inspection to determine the condition of the line and no issues were identified by PG&E for this line. Based on the supporting documentation provided by PG&E this crossing is current with updated inspections by owner, no action needed. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. Need to review permit 544 to see if this permit is related to crossing. (DWR UCIP – O. Magana)
03/07/2013 Need to obtain maintenance records for pipe line--Inspector was able to obtain inspection status from PG&E. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch natural gas line of unknown material under the levee and channel at a depth of 25 feet minimum. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (24-inch line authorized under Permit No. 14732, 1988 - Pacific Gas and Electric Company [PG&E])
FS Date: 3/7/2013

Photo 1 of 3 : UCIP_SP_2019_41442_59560.jpg

View of crossing approximately 110 feet downstream--stand pipes located on landward shoulder.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.61**	Rating **	M	Issue No.	**131 (cont)**
LM End	**1.61**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569806 °	38.569806 °
				-121.515546 °	-121.515546 °
DWR ID	21617				

Comment Code

Inspector Comment

FS_ID:41442
DS_ID:21617
EP_NO: 14732
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line (referred to as L-116) and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017, a 2012 Integrity Assessment, and a 2016 in-line inspection to determine the condition of the line and no issues were identified by PG&E for this line. Based on the supporting documentation provided by PG&E this crossing is current with updated inspections by owner, no action needed. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. Need to review permit 544 to see if this permit is related to crossing. (DWR UCIP – O. Magana)
03/07/2013 Need to obtain maintenance records for pipe line--Inspector was able to obtain inspection status from PG&E. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch natural gas line of unknown material under the levee and channel at a depth of 25 feet minimum. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (24-inch line authorized under Permit No. 14732, 1988 - Pacific Gas and Electric Company [PG&E])
FS Date: 3/7/2013

Photo 2 of 3 : UCIP_SP_2019_41442_59559.jpg

View of crossing approximately 110 feet downstream--large sign located on waterward slope.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.61**	Rating **	M	Issue No.	**131 (cont)**
LM End	**1.61**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569806 °	38.569806 °
				-121.515546 °	-121.515546 °
DWR ID	21617				

Comment Code

Inspector Comment

FS_ID:41442
DS_ID:21617
EP_NO: 14732
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line (referred to as L-116) and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017, a 2012 Integrity Assessment, and a 2016 in-line inspection to determine the condition of the line and no issues were identified by PG&E for this line. Based on the supporting documentation provided by PG&E this crossing is current with updated inspections by owner, no action needed. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. Need to review permit 544 to see if this permit is related to crossing. (DWR UCIP – O. Magana)
03/07/2013 Need to obtain maintenance records for pipe line--Inspector was able to obtain inspection status from PG&E. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch natural gas line of unknown material under the levee and channel at a depth of 25 feet minimum. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (24-inch line authorized under Permit No. 14732, 1988 - Pacific Gas and Electric Company [PG&E])
FS Date: 3/7/2013

Photo 3 of 3 : UCIP_SP_2019_41442_59558.jpg

View of stand pipes located on landward side.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.69**	Rating **	M	Issue No.	**86**
LM End	**1.69**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.568677 °	38.568677 °
				-121.515972 °	-121.515972 °
DWR ID	DWR_NA0005_01_s _ 2019_86				

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.70**	Rating **	M	Issue No.	**132**
LM End	**1.70**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568544 °	38.568544 °
				-121.515993 °	-121.515993 °
DWR ID	21615				

Comment Code

Inspector Comment

FS_ID:41444
DS_ID:21615
EP_NO: 17185
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Accoding to LMA this site appears to be owned by Phillips 66. Phillips 66 contact is Ed Ralston, Ed.C.Ralston@p66.com. (DWR UCIP – O. Magana) 03/07/2013 Some buildings, structures, and equipment remain -- monitoring wells still present within acre footprint. Need to contact owner to determine status of monitoring site. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *REMOVED* oil tanks, holding racks, underground pipes, buildings and associated concrete slabs, footings, and foundations from the left bank of the Sacramento River. Demo site located on waterward berm from LM 1.68 (38.56893227, -121.5158786) to LM 1.74 (38.568074, -121.5160597). Demolition acceptance form signed November 2000. Exceptions or remaining features are present: 1. product piping and conduits through levee on the east side of site, abandoned in pace, 2. existing electrical house located at the southeast corner of the property, 3. active conduits coming from existing electrical house and proceeding west approximately 30 feet, then south under Broadway to Tosco's active tanks located south of Broadway, and 4. 16 wooden piles 10 feet below ground surface in the middle of the site (former Tank #5009 area) (remove oil tanks, holding racks, underground pipes, buildings and associated concrete slabs, footings, foundations, and abandoning 8 or more pipe through the levee work authorized under Permit No. 17185, 2000 - Tosco Corporation/BHL Industries, Inc.)
FS Date: 3/7/2013

Photo 1 of 1 : UCIP_SP_2019_41444_59572.jpg

Concrete structure still remain in lot on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.70**	Rating **	M	Issue No.	**133**
LM End	**1.70**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568491 °	38.568491 °
				-121.515977 °	-121.515977 °
DWR ID	21604				

Comment Code

Inspector Comment

FS_ID:41282
DS_ID:21604
EP_NO: 18009
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Site is still an active monitoring remediation site. (DWR UCIP – O. Magana)
03/07/2013 Project has reached 5 years is this project still in use? Permit issued for abandonment of treatment? Assumed installation date of 7/1/2005 per inspector's notes indicating work was completed in the summer of 2005. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: Ozone Injection and Soil Vapor Extraction Treatment System for Former Tosco Bulk Fuel Terminal #3493. To authorize and retain (for approximately 5 years) twenty-three 2 to 4-inch-diameter extraction wells and thirty-six 2-inch-diameter ozone wells; to excavate approximately 2,050 linear-feet of trench and install required PVC piping and electrical conduits from the wells to main and sub-compounds with necessary equipment to complete an ozone injection and soil vapor extraction treatment system on the overflow area of the left (east) bank levee of the Sacramento River. (authorized and retail (for about 5 years) twenty-three 2 to 4-inch extraction wells and thirty-six 2-inch ozone wells, and additional work authorized under Permit No. 18009, 2006 - Conoco Phillips)
FS Date: 3/7/2013

Photo 1 of 3 : UCIP_SP_2019_41282_59575.jpg

Structures present inside lot--site of Ozone Injection and Soil Vapor Extration System for the former Tosco Bulk Fuel.

LM Start	**1.70**	Rating **	M	Issue No.	**133 (cont)**
LM End	**1.70**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_41282_59574.jpg

Several vapor wells present inside fenced area.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.70**	Rating **	M	Issue No.	**133 (cont)**
LM End	**1.70**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568491 °	38.568491 °
				-121.515977 °	-121.515977 °
DWR ID	21604				

Comment Code

Inspector Comment

FS_ID:41282
DS_ID:21604
EP_NO: 18009
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Site is still an active monitoring remediation site. (DWR UCIP – O. Magana)
03/07/2013 Project has reached 5 years is this project still in use? Permit issued for abandonment of treatment? Assumed installation date of 7/1/2005 per inspector's notes indicating work was completed in the summer of 2005. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: Ozone Injection and Soil Vapor Extraction Treatment System for Former Tosco Bulk Fuel Terminal #3493. To authorize and retain (for approximately 5 years) twenty-three 2 to 4-inch-diameter extraction wells and thirty-six 2-inch-diameter ozone wells; to excavate approximately 2,050 linear-feet of trench and install required PVC piping and electrical conduits from the wells to main and sub-compounds with necessary equipment to complete an ozone injection and soil vapor extraction treatment system on the overflow area of the left (east) bank levee of the Sacramento River. (authorized and retail (for about 5 years) twenty-three 2 to 4-inch extraction wells and thirty-six 2-inch ozone wells, and additional work authorized under Permit No. 18009, 2006 - Conoco Phillips)
FS Date: 3/7/2013

Photo 3 of 3 : UCIP_SP_2019_41282_59573.jpg

More vapor wells present on levee crown.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.74**	Rating **	M	Issue No.	**134**
LM End	**1.74**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568026 °	38.568026 °
				-121.516070 °	-121.516070 °
DWR ID	24910				

Comment Code

Inspector Comment

FS_ID:38735
DS_ID:24910
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 08/11/2017 Received supporting documentation from PG&E regarding the status of the line and the line is still in use. PG&E has conducted various inspections and monitoring activities in 2016 and 2017 to determine the condition of the line and no issues were identified by PG&E for this line. Based on the supporting documentation provided by PG&E this crossing has been downgraded from Urgent to Non-Urgent, once PG&E provides results of the August 2, 2017 leak test this crossing can re-evaluated. No permit was provided by PG&E. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. LMA has been coordinating with owner and according to their records this pipe is a PG&E line. PG&E contact is Don Triplet and can be reached at 1-559-493-8007 or by email at DxTb@pge.com. LMA is working with the CVFPB to obtain status information. Need photos of approximate levee crossing--looking for markers. (DWR UCIP – O. Magana)
FIELD_STRUCT_DESC: 3-inch gas main through the east levee of the Sacramento River approximately 3 feet below crown. In case of an emergency related to this crossing PG&E has identified the following contact: PG&E's local pipeline engineer, Mike Aronoff, at (916) 307-9472 (cell) and Gas Control (North) 800-442-4743. For non-emergency issues please contact the local PG&E Gas Pipeline Operations & Maintenance (GPOM) Supervisors for the Sacramento region, David Wade at (209) 639-1039 (cell) or Ron Hicks at (916) 396-9038 (cell). (3-inch line authorized under Permit No. 1419, 1949 - Pacific Gas and Electric Company [PG&E], PG&E has install date of 1976)
FS Date: 3/6/2013

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.74**	Rating **	M	Issue No.	**135**
LM End	**1.74**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567980 °	38.567980 °
				-121.516088 °	-121.516088 °
DWR ID	24911				

Comment Code

Inspector Comment

FS_ID:38736
DS_ID:24911
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. 8-inch active water line encased used to supply water to the Marina Facilities. 8-inch could be sleeved through 12-inch pipe. No additonal information was provided. (DWR UCIP – O. Magana)
FIELD_STRUCT_DESC: 12-inch pipe of unknown material or purpose through levee at an unknown depth below the levee crown. Records provided by Sacramento County. Installed 1935.
FS Date: 3/6/2013

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.74**	Rating **	M	Issue No.	**136**
LM End	**1.74**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567981°	38.567981°
				-121.516077°	-121.516077°
DWR ID	21575				

Comment Code

Inspector Comment

FS_ID:41427
DS_ID:21575
EP_NO: 9259
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No Additional information was made available through the LMA. (DWR UCIP – O. Magana)
03/07/2013 Backflow device next to fence area angled--unable to confirm if device is part of crossing appurtenances. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 12-inch cast iron water main pipe sleeved through a 20-inch steel casing through the levee, 3 feet below the levee crown. (12-inch pipe through a 20-inch pipe authorized under Permit No. 9259, 1974 - City of Sacramento City Hall) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/7/2013

Photo 1 of 3 : UCIP_SP_2019_41427_59507.jpg

View of wide levee crown--old railroad tracks, former Tosco Bulk Fuel Terminal #3493, utility poles, and fire hydrant.

LM Start	**1.74**	Rating **	M	Issue No.	**136 (cont)**
LM End	**1.74**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_41427_59506.jpg

Backflow prevention device on shoulder.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.74**	Rating **	M	Issue No.	**136 (cont)**
LM End	**1.74**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567981°	38.567981°
				-121.516077°	-121.516077°
DWR ID	21575				

Comment Code

Inspector Comment

FS_ID:41427
DS_ID:21575
EP_NO: 9259
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No Additional information was made available through the LMA. (DWR UCIP – O. Magana)
03/07/2013 Backflow device next to fence area angled--unable to confirm if device is part of crossing appurtenances. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 12-inch cast iron water main pipe sleeved through a 20-inch steel casing through the levee, 3 feet below the levee crown. (12-inch pipe through a 20-inch pipe authorized under Permit No. 9259, 1974 - City of Sacramento City Hall) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/7/2013

Photo 3 of 3 : UCIP_SP_2019_41427_59505.jpg

Close up of positive closure device.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.75**	Rating **	M	Issue No.	**137**
LM End	**1.75**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567779 °	38.567779 °
				-121.516006 °	-121.516006 °
DWR ID	21598				

Comment Code

Inspector Comment

FS_ID:41452
DS_ID:21598
EP_NO: 8816
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe section to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana)
03/07/2013 High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 1 of 4: 10-inch steel fuel line (regular) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company)
FS Date: 3/7/2013

Photo 1 of 3 : UCIP_SP_2019_41452_59525.jpg

View of crossings from levee shoulder.

LM Start	**1.75**	Rating **	M	Issue No.	**137 (cont)**
LM End	**1.75**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_41452_59524.jpg

Dense burrow activity along landward slope.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.75**	Rating **	M	Issue No.	**137 (cont)**
LM End	**1.75**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567779 °	38.567779 °
				-121.516006 °	-121.516006 °
DWR ID	21598				

Comment Code

Inspector Comment

FS_ID:41452
DS_ID:21598
EP_NO: 8816
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe section to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana)
03/07/2013 High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 1 of 4: 10-inch steel fuel line (regular) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company)
FS Date: 3/7/2013

Photo 3 of 3 : UCIP_SP_2019_41452_59523.jpg

Pipe markers visible along chain link fence on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.76**	Rating **	M	Issue No.	**138**
LM End	**1.76**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567772 °	38.567772 °
				-121.516006 °	-121.516006 °
DWR ID	22383				

Comment Code

Inspector Comment

FS_ID:41448
DS_ID:22383
EP_NO: 8816
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe sectio to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana)
03/07/2013 High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 2 of 4: 10-inch steel fuel line (premium) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company)
FS Date: 3/7/2013

Photo 1 of 3 : UCIP_SP_2019_41448_59511.jpg

View of levee crown looking upstream--rail road traffic signal box located on right side.

LM Start	**1.76**	Rating **	M	Issue No.	**138 (cont)**
LM End	**1.76**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_41448_59510.jpg

Overview of 4-10 inch lines through levee--landward side.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.76**	Rating **	M	Issue No.	**138 (cont)**
LM End	**1.76**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567772 °	38.567772 °
				-121.516006 °	-121.516006 °
DWR ID	22383				

Comment Code

Inspector Comment

FS_ID:41448
DS_ID:22383
EP_NO: 8816
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe sectio to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana)
03/07/2013 High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 2 of 4: 10-inch steel fuel line (premium) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company)
FS Date: 3/7/2013

Photo 3 of 3 : UCIP_SP_2019_41448_59512.jpg

Dense vegetation and large burrow holes located on shoulder.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.76**	Rating **	M	Issue No.	**139**
LM End	**1.76**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567765 °	38.567765 °
				-121.516007 °	-121.516007 °
DWR ID	22384				

Comment Code

Inspector Comment

FS_ID:41449
DS_ID:22384
EP_NO: 8816
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe sectio to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana)
03/07/2013 High rodent activity on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 3 of 4: 10-inch steel fuel line (no lead) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company)
FS Date: 3/7/2013

Photo 1 of 3 : UCIP_SP_2019_41449_59518.jpg

View of 4-10 inch pipes through levee located on landward side.

LM Start	**1.76**	Rating **	M	Issue No.	**139 (cont)**
LM End	**1.76**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_41449_59517.jpg

View of waterward side--markers visible along chain link fence.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.76**	Rating **	M	Issue No.	**139 (cont)**
LM End	**1.76**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567765 °	38.567765 °
				-121.516007 °	-121.516007 °
DWR ID	22384				

Comment Code

Inspector Comment

FS_ID:41449
DS_ID:22384
EP_NO: 8816
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe sectio to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana)
03/07/2013 High rodent activity on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 3 of 4: 10-inch steel fuel line (no lead) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company)
FS Date: 3/7/2013

Photo 3 of 3 : UCIP_SP_2019_41449_59516.jpg

Pipes protected by metal post fence--landward side.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.76**	Rating **	M	Issue No.	**140**
LM End	**1.76**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567759 °	38.567759 °
				-121.516007 °	-121.516007 °
DWR ID	22385				

Comment Code

Inspector Comment

FS_ID:48322
DS_ID:22385
EP_NO: 8816
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe sectio to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana)
03/07/2013 *5th pipe present (mystery pipe) 38.567748966, -121.516011521 not listed in permit* High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 4 of 4: 10-inch steel fuel line (diesel) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company)
FS Date: 3/7/2013

Photo 1 of 3 : UCIP_SP_2019_48322_59521.jpg

View multiple crossings visible on landward side.

LM Start	**1.76**	Rating **	M	Issue No.	**140 (cont)**
LM End	**1.76**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_48322_59520.jpg

Dense burrow activity along levee slope.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.76**	Rating **	M	Issue No.	**140 (cont)**
LM End	**1.76**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567759 °	38.567759 °
				-121.516007 °	-121.516007 °
DWR ID	22385				

Comment Code

Inspector Comment

FS_ID:48322
DS_ID:22385
EP_NO: 8816
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. The City is working with the CVFPB (J. Tice) on enforcement issue. According to City, Phillips owns the pipe sectio to the fence and Kinder Morgan owns the pipe section that come from the Bay Area to the fence. (DWR UCIP – O. Magana)
03/07/2013 *5th pipe present (mystery pipe) 38.567748966, -121.516011521 not listed in permit* High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 4 of 4: 10-inch steel fuel line (diesel) encased in 16-inch casing through the levee, 4 feet below the levee crown. Vent pipes installed at each end of the conductor pipe. (four 10-inch pipes were authorized under Permit No. 8816, 1974 - Phillips Petroleum Company)
FS Date: 3/7/2013

Photo 3 of 3 : UCIP_SP_2019_48322_59519.jpg

Pipe markers visible along the chain link fence on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.78**	Rating **	M	Issue No.	**141**
LM End	**1.78**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567352 °	38.567352 °
				-121.516102 °	-121.516102 °
DWR ID	21576				

Comment Code

Inspector Comment

FS_ID:41457
DS_ID:21576
EP_NO: 4914
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 03/07/2013 Need records confirming crossing is free of leaks. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 8-inch steel oil product line through the levee, 5 feet below the crown and along the waterside (WS) to Levee Mile 2.41, for river crossing under the channel. (8-inch line authorized under Permit No. 4914, -A, -B, -C, 1965 - Standard Oil Co.) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/7/2013

Photo 1 of 3 : UCIP_SP_2019_41457_59529.jpg

View of waterard side--markers visible through levee.

LM Start	**1.78**	Rating **	M	Issue No.	**141 (cont)**
LM End	**1.78**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_41457_59528.jpg

Contact information before excation or in case of emergency.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.78**	Rating **	M	Issue No.	**141 (cont)**
LM End	**1.78**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567352 °	38.567352 °
				-121.516102 °	-121.516102 °
DWR ID	21576				

Comment Code

Inspector Comment

FS_ID:41457
DS_ID:21576
EP_NO: 4914
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 03/07/2013 Need records confirming crossing is free of leaks. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 8-inch steel oil product line through the levee, 5 feet below the crown and along the waterside (WS) to Levee Mile 2.41, for river crossing under the channel. (8-inch line authorized under Permit No. 4914, -A, -B, -C, 1965 - Standard Oil Co.) [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/7/2013

Photo 3 of 3 : UCIP_SP_2019_41457_59527.jpg

Markers visible on landward side.

LM Start	**1.94**	Rating **	M	Issue No.	**142**
LM End	**1.94**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.565113 °	38.565113 °
				-121.516291 °	-121.516291 °
DWR ID	24913				

Comment Code

Inspector Comment

FS_ID:41292
DS_ID:24913
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Line is tied to dsid 21575. No additional information was provided by LMA. (DWR UCIP – O. Magana)
03/06/2013 unable to confirm if crossing is still active--multiple manholes present near sump pump need to determine additional details of lines connecting to sump station 3. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 8-inch water main pipe of unknown material through levee.
FS Date: 3/6/2013

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.95**	Rating **	A/W	Issue No.	**7**
LM End	**2.34**	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564900 °	38.559460 °
				-121.516253 °	-121.515085 °
DWR ID	DWR_NA0005_01_f _ 2015_7				

Comment Code

EQ : Equipment

Inspector Comment

Railroad tracks run on crown of levee. Paved roadway runs along toe on waterside. This is Miller Park Marina area.

Photo 1 of 2 : SP_2019_NA0005_251_7_20190307_00001.jpg

View of the railroad tracks on the crown of the levee looking downstream at levee mile 1.95. Spring 2016.

LM Start	**1.95**	Rating **	A/W	Issue No.	**7 (cont)**
LM End	**2.34**	Issue Type +	En	Location *	CR

Photo 2 of 2 : SP_2019_NA0005_251_7_20190307_00003.jpg

View of the railroad tracks at levee mile 2.34 on the crown of the levee looking upstream. Spring 2016.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.96**	Rating **	M	Issue No.	**143**
LM End	**1.96**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564843 °	38.564843 °
				-121.516246 °	-121.516246 °
DWR ID	21613				

Comment Code

Inspector Comment

FS_ID:41430
DS_ID:21613
EP_NO: 7434
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 03/07/2013 2 manholes and sump pump present. Need to update description to confirm if this permit is for Sump-3. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Sump 3] 4-inch sanitary sewer force main 0.375-inch steel with 0.125-inch mortar liner and asphalt coated on the outside through the levee at an unknown depth below the levee crown to serve Miller Park area. Line runs along the center of the levee for approximately 1700 feet. City of Sacramento Dept. of Utilities, Sump 3 lift station, contact information in case of emergency - 916-808-5461. (6-inch pipe authorized under Permit No. 7434, City of Sacramento-1972)
FS Date: 3/7/2013

Photo 1 of 3 : UCIP_SP_2019_41430_72757.jpg

Manhole present on roadway.

LM Start	**1.96**	Rating **	M	Issue No.	**143 (cont)**
LM End	**1.96**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_41430_72756.jpg

Sump pump station 3.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.96**	Rating **	M	Issue No.	**143 (cont)**
LM End	**1.96**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564843 °	38.564843 °
				-121.516246 °	-121.516246 °
DWR ID	21613				

Comment Code

Inspector Comment

FS_ID:41430
DS_ID:21613
EP_NO: 7434
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 03/07/2013 2 manholes and sump pump present. Need to update description to confirm if this permit is for Sump-3. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Sump 3] 4-inch sanitary sewer force main 0.375-inch steel with 0.125-inch mortar liner and asphalt coated on the outside through the levee at an unknown depth below the levee crown to serve Miller Park area. Line runs along the center of the levee for approximately 1700 feet. City of Sacramento Dept. of Utilities, Sump 3 lift station, contact information in case of emergency - 916-808-5461. (6-inch pipe authorized under Permit No. 7434, City of Sacramento-1972)
FS Date: 3/7/2013

Photo 3 of 3 : UCIP_SP_2019_41430_72755.jpg

Service vault visible on levee crown.

LM Start	**1.97**	Rating **	M	Issue No.	**144**
LM End	**1.97**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564642 °	38.564642 °
				-121.516441 °	-121.516441 °
DWR ID	24920				

Comment Code

Inspector Comment

FS_ID:38742
DS_ID:24920
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments:
FIELD_STRUCT_DESC: sump pump station
FS Date: 3/6/2013

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.97**	Rating **	M	Issue No.	**145**
LM End	**1.97**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564846 °	38.564846 °
				-121.515857 °	-121.515857 °
DWR ID	24914				

Comment Code

Inspector Comment

FS_ID:38740
DS_ID:24914
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments:
FIELD_STRUCT_DESC: SMUD line
FS Date: 3/6/2013

No Photos

LM Start	**1.97**	Rating **	M	Issue No.	**146**
LM End	**1.97**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564774 °	38.564774 °
				-121.515938 °	-121.515938 °
DWR ID	24918				

Comment Code

Inspector Comment

FS_ID:38741
DS_ID:24918
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: unable to determine if crossing goes through levee.
FIELD_STRUCT_DESC: storm drain manhole
FS Date: 3/6/2013

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**1.99**	Rating **	M	Issue No.	**87**
LM End	**3.67**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.564443°	38.541075°
				-121.516140°	-121.511413°
DWR ID	DWR_NA0005_01_s _ 2019_87				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0005_251_87_20190418_00108.jpg

View looking downstream at tall waterside vegetation. Spring 2019

LM Start	**2.04**	Rating **	M	Issue No.	**147**
LM End	**2.04**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563702°	38.563702°
				-121.515876°	-121.515876°
DWR ID	24921				

Comment Code

Inspector Comment

FS_ID:41293
DS_ID:24921
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Pipe section along the LS levee removed and the pipe section through the levee was grouted. Pipe is linked to PI issue, issue was coordinated with the CVFPB. No permit was issued. (DWR UCIP – O. Magana) 03/06/2013 Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: *ABANDONED* 1 of 4. Crossing found through railroad/levee visible on landside (LS).
FS Date: 3/6/2013

Photo 1 of 2 : UCIP_SP_2019_41293_72760.jpg

PVC pipe through levee.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**2.04**	Rating **	M	Issue No.	**147 (cont)**
LM End	**2.04**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563702 °	38.563702 °
				-121.515876 °	-121.515876 °
DWR ID	24921				

Comment Code

Inspector Comment

FS_ID:41293
DS_ID:24921
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Pipe section along the LS levee removed and the pipe section through the levee was grouted. Pipe is linked to PI issue, issue was coordinated with the CVFPB. No permit was issued. (DWR UCIP – O. Magana) 03/06/2013 Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: *ABANDONED* 1 of 4. Crossing found through railroad/levee visible on landside (LS).
FS Date: 3/6/2013

Photo 2 of 2 : UCIP_SP_2019_41293_72759.jpg

View of landward side.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**2.05**	Rating **	M	Issue No.	**148**
LM End	**2.05**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563562 °	38.563562 °
				-121.515867 °	-121.515867 °
DWR ID	24922				

Comment Code

Inspector Comment

FS_ID:41294
DS_ID:24922
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Pipe section along the LS levee removed and the pipe section through the levee was grouted. Pipe is linked to PI issue, issue was coordinated with the CVFPB. No permit was issued. (DWR UCIP – O. Magana) 03/06/2013 Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: *ABANDONED* 2 of 4. Crossing found through railroad/levee visible on landside (LS).
FS Date: 3/6/2013

Photo 1 of 2 : UCIP_SP_2019_41294_72762.jpg

PVC pipe through levee.

LM Start	**2.05**	Rating **	M	Issue No.	**148 (cont)**
LM End	**2.05**	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2019_41294_72761.jpg

View of landward side.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**2.08**	Rating **	M	Issue No.	**149**
LM End	**2.08**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563196 °	38.563196 °
				-121.515833 °	-121.515833 °
DWR ID	24923				

Comment Code

Inspector Comment

FS_ID:41295
DS_ID:24923
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Pipe section along the LS levee removed and the pipe section through the levee was grouted. Pipe is linked to PI issue, issue was coordinated with the CVFPB. No permit was issued. (DWR UCIP – O. Magana) 03/06/2013 Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: *ABANDONED* 3 of 4. Crossing found through railroad/levee visible on landside (LS).
FS Date: 3/6/2013

Photo 1 of 2 : UCIP_SP_2019_41295_72764.jpg

View of landward side.

LM Start	**2.08**	Rating **	M	Issue No.	**149 (cont)**
LM End	**2.08**	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2019_41295_72763.jpg

Dense vegetation along landward slope.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**2.12**	Rating **	M	Issue No.	**150**
LM End	**2.12**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.562532 °	38.562532 °
				-121.515763 °	-121.515763 °
DWR ID	24924				

Comment Code

Inspector Comment

FS_ID:38827
DS_ID:24924
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Pipe section along the LS levee removed and the pipe section through the levee was grouted. Pipe is linked to PI issue, issue was coordinated with the CVFPB. No permit was issued. (DWR UCIP – O. Magana) 03/06/2013 Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: *ABANDONED* 4 of 4. Crossing found through railroad/levee visible on landside (LS).
FS Date: 3/6/2013

Photo 1 of 2 : UCIP_SP_2019_38827_72766.jpg

View of landward side.

LM Start	**2.12**	Rating **	M	Issue No.	**150 (cont)**
LM End	**2.12**	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2019_38827_72765.jpg

Dense vegetation on landward side.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**2.29**	Rating **	M	Issue No.	**151**
LM End	**2.29**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.560088 °	38.560088 °
				-121.515150 °	-121.515150 °
DWR ID	24925				

Comment Code

Inspector Comment

FS_ID:41431
DS_ID:24925
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Pipe might be abandoned. No additional information was provided by LMA. (DWR UCIP – O. Magana)
03/06/2013 Need to coordinate with owner to determine status of crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 18-inch drainage pipe of unknown material through the levee at an unknown depth below the levee crown. Crossing information was obtained from the City of Sacramento GIS records.
FS Date: 3/6/2013

Photo 1 of 1 : UCIP_SP_2019_41431_72800.jpg

Approximate alignment through levee provided by the City of Sacramento GIS.

LM Start	**2.31**	Rating **	A/W	Issue No.	**82**
LM End	**2.31**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.559767 °	38.559767 °
				-121.515264 °	-121.515264 °
DWR ID	DWR_NA0005_01_s _ 2016_82				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No animal holes were visible during this inspection due to vegetation.

Photo 1 of 1 : SP_2019_NA0005_251_82_20190307_00007.jpg

View of rodent hole on waterside slope. Fall 2017.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**2.34**	Rating **	M	Issue No.	**152**
LM End	**2.34**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.559451 °	38.559451 °
				-121.514894 °	-121.514894 °
DWR ID	24917				

Comment Code

Inspector Comment

FS_ID:52602
DS_ID:24917
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 03/07/2018 Drawings available under Permit No. 4914-C provided approximate levee crossing fors dsid 24917, which crosses levee at CLM 2.34, this crossing was previously listed under CLM 1.966. Crossing description, coordinates, and CLM have been updated. Photo from 2013 of paddle marker was taken at CLM 1.966. Need to take photo of paddle marker at CLM 2.34 to update this record. If no marker is present at CLM 2.34, LMA will need to coordinate with owner about adding marker. (DWR UCIP - O. Magana)
07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Line goes through crown, goes along WS, and then goes across channel and through West Sacramento Levees (RD0900). (DWR UCIP – O. Magana)
03/06/2013 Need to contact owner to determine addtional details--permit, alignment, depth, and last inspection. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 8-inch steel oil product line through the levee, 3.5 feet below the levee crown. (8-inch pipe authorized under Permit No. 4914, -B, 1965 - Standard Oil Company of California, HLM 2.04; 8-inch pipe removed and replaced with new 8-inch pipe (only through RD0900 levee) authorized under Permit No. 4914-C, 2010 - Chevron Pipeline Company) [Additional Reference(s): DWR Levee Log, 2003]
FS Date: 3/6/2013

Photo 1 of 1 : UCIP_SP_2019_52602_72758.jpg

Marker of gas line visible on levee crwon next to railroad tracks.

LM Start	**2.38**	Rating **	M	Issue No.	**88**
LM End	**2.44**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.558875 °	38.558038 °
				-121.514662 °	-121.514272 °
DWR ID	DWR_NA0005_01_s _ 2019_88				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**2.39**	Rating **	M	Issue No.	**153**
LM End	**2.39**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558793 °	38.558793 °
				-121.514460 °	-121.514460 °
DWR ID	24926				

Comment Code

Inspector Comment

FS_ID:41433
DS_ID:24926
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No additional information was provided by LMA. (DWR UCIP – O. Magana) 03/06/2013 Need to coordinate with owner to determine status of crossing. Unable to find crossing in the field. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: Drainage pipe of unknown size through levee at an unknown depth below the levee crown. Crossing information was obtained from Sacramento County GIS records.
FS Date: 3/6/2013

Photo 1 of 1 : UCIP_SP_2019_41433_72801.jpg

Approximate alignment for crossing provided by City of Sacramento GIS.

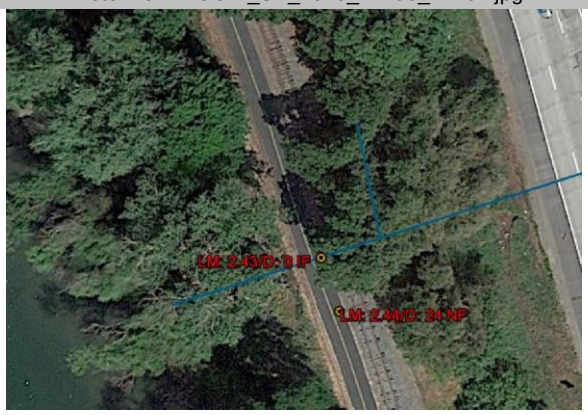
LM Start	**2.43**	Rating **	M	Issue No.	**154**
LM End	**2.43**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558224 °	38.558224 °
				-121.514365 °	-121.514365 °
DWR ID	24927				

Comment Code

Inspector Comment

FS_ID:41296
DS_ID:24927
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. No additional information was provided by LMA. (DWR UCIP – O. Magana) 03/06/2013 Need to coordinate with owner to determine status of crossing--unable to locate in field. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 18-inch drainage pipe of unknown material through the levee at an unknown depth below the levee crown. Crossing information was obtained from Sacramento County GIS records.
FS Date: 3/6/2013

Photo 1 of 1 : UCIP_SP_2019_41296_72767.jpg



Approximate alignment of crossing provided by the City of Sacramento.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**2.43**	Rating **	M	Issue No.	**89**
LM End	**2.43**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.558208 °	38.558208 °
				-121.514308 °	-121.514308 °
DWR ID	DWR_NA0005_01_s _ 2019_89				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	**2.45**	Rating **	A/W	Issue No.	**8**
LM End	**2.45**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.557937 °	38.557937 °
				-121.514237 °	-121.514237 °
DWR ID	DWR_NA0005_01_s _ 2012_8				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

No Photos

LM Start	**2.46**	Rating **	A/W	Issue No.	**21**
LM End	**2.75**	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.557828 °	38.553710 °
				-121.514193 °	-121.512863 °
DWR ID	DWR_NA0005_01_s _ 2012_21				

Comment Code

V8 : Environmental Requirements.

Inspector Comment

Revegetation site is at the toe of the levee on the waterward side.

Photo 1 of 2 : SP_2019_NA0005_251_21_20190307_00004.jpg

View of the revegetation site on the waterward side looking downstream. Fall 2015.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**2.46**	Rating **	A/W	Issue No.	**21 (cont)**
LM End	**2.75**	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.557828 °	38.553710 °
				-121.514193 °	-121.512863 °
DWR ID	DWR_NA0005_01_s _ 2012_21				

Comment Code

V8 : Environmental Requirements.

Inspector Comment

Revegetation site is at the toe of the levee on the waterward side.

Photo 2 of 2 : SP_2019_NA0005_251_21_20190307_00005.jpg

This area is a revegetation site. Fall 2015.

LM Start	**2.80**	Rating **	C	Issue No.	**75**
LM End	**2.80**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.553114 °	38.553114 °
				-121.512566 °	-121.512566 °
DWR ID	DWR_NA0005_01_f _ 2018_75				

Comment Code

TR : Tree or limb

Inspector Comment

Tree log and limbs along levee slope.

No Photos

LM Start	**2.86**	Rating **	M	Issue No.	**90**
LM End	**2.87**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.552282 °	38.552073 °
				-121.512223 °	-121.512173 °
DWR ID	DWR_NA0005_01_s _ 2019_90				

Comment Code

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**2.89**	Rating **	A/W	Issue No.	**71**
LM End	**2.90**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.551764 °	38.551578 °
				-121.512395 °	-121.512336 °
DWR ID	DWR_NA0005_01_s _ 2019_71				

Comment Code

Inspector Comment

2017 Site ID: SAC 56.6 L
Status: Eroding
2017 Field Notes: Upstream portion repaired by locals.
Site History: 1997 - Erosion at pump station, concrete debris and plastic showing. 2000 - Separation scour of bank due to poor transition.
2004 - New large tree pop out; city dumped fill dirt/rock into hole.
2006 - Minor new erosion at top of bank. 2010 - Some new rock placed in tree pop-out. 2011 - A large tree has fallen and flood fighting was performed by the city on the upper levee slope. 2012 - Small rock placed in hole from tree popout.

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**2.89**	Rating **	M	Issue No.	**155**
LM End	**2.89**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.551797 °	38.551797 °
				-121.511859 °	-121.511859 °
DWR ID	21578				

Comment Code

Inspector Comment

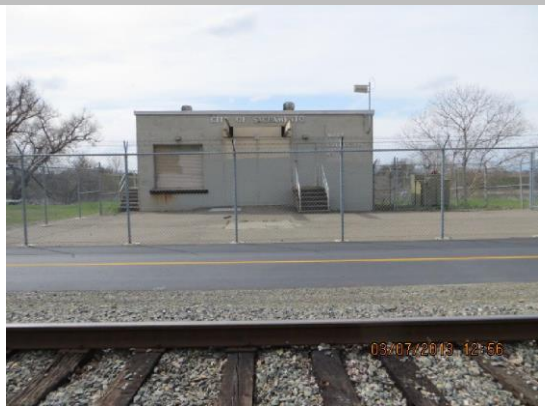
FS_ID:52603
DS_ID:21578
EP_NO: 2043
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Crossing is not abandoned. The City of Sacramento is currently working at trying to refurbish the Ranney Collector site. According to LMA, pipe is a 30-inch and not a 24-inch pipe. Pipe size and system description updated to reflect LMAs records. This pipe is linked to the USACE's PI issue USACE_CESPK_SACD_2013_a_0211. (DWR UCIP – O. Magana) 03/07/2013 This crossing has been abandoned. According to City of Sacramento Staff the last time this crossing was fired up to see if it was functioning was 3 years ago. Recommend owner coordinating with Central Valley Flood Protection Board (CVFPB) to abandon facility per Title 23. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Ranney Collector] 30-inch discharge pipe through levee at an unknown depth below the levee crown. Collector system located on waterside (WS) slope. (construct one Ranney Water Collector authorized under Permit No. 2043, 1955 - City of Sacramento). [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/7/2013

Photo 1 of 3 : UCIP_SP_2019_52603_59534.jpg

Concrete vault located on landward shoulder.

LM Start	**2.89**	Rating **	M	Issue No.	**155 (cont)**
LM End	**2.89**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_52603_59532.jpg



Ranney collector facility operated by the City of Sacramento.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**2.89**	Rating **	M	Issue No.	**155 (cont)**
LM End	**2.89**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.551797 °	38.551797 °
				-121.511859 °	-121.511859 °
DWR ID	21578				

Comment Code

Inspector Comment

FS_ID:52603
DS_ID:21578
EP_NO: 2043
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/21/2016 Meet with City of Sacramento North Area Drainage representatives: Mick Smith and Mike Gonsalves. Crossing is not abandoned. The City of Sacramento is currently working at trying to refurbish the Ranney Collector site. According to LMA, pipe is a 30-inch and not a 24-inch pipe. Pipe size and system description updated to reflect LMAs records. This pipe is linked to the USACE's PI issue USACE_CESPK_SACD_2013_a_0211. (DWR UCIP – O. Magana) 03/07/2013 This crossing has been abandoned. According to City of Sacramento Staff the last time this crossing was fired up to see if it was functioning was 3 years ago. Recommend owner coordinating with Central Valley Flood Protection Board (CVFPB) to abandon facility per Title 23. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Ranney Collector] 30-inch discharge pipe through levee at an unknown depth below the levee crown. Collector system located on waterside (WS) slope. (construct one Ranney Water Collector authorized under Permit No. 2043, 1955 - City of Sacramento). [Additional Reference(s): DWR Levee Log, 1993]
FS Date: 3/7/2013

Photo 3 of 3 : UCIP_SP_2019_52603_59531.jpg

Close up view of vault located on landward levee shoulder.

LM Start	**3.17**	Rating **	C	Issue No.	**76**
LM End	**3.17**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.548027 °	38.548027 °
				-121.510305 °	-121.510305 °
DWR ID	DWR_NA0005_01_f _ 2018_76				

Comment Code

TR : Tree or limb

Inspector Comment

Caltrans needs to clear fallen tree debris.

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	04/17/2019 04/17/2019	Luz Dial

LM Start	**3.51**	Rating **	M	Issue No.	**78**
LM End	**3.51**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.543211 °	38.543211 °
				-121.510168 °	-121.510168 °
DWR ID	DWR_NA0005_01_f _ 2018_78				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	**3.55**	Rating **	M	Issue No.	**80**
LM End	**3.55**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.542698 °	38.542698 °
				-121.510532 °	-121.510532 °
DWR ID	DWR_NA0005_01_f _ 2018_80				

Comment Code

T2 : Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

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