

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

Reclamation District No. 0341 Sherman Island

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

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

* **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles
Unit No. 01 Threemile Slough	Right	3.36

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/10/2016 - 3/10/2016			
DWR Inspector	Herman Phillips			
Accompanied By	Joel McElroy RD 341			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

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

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start		Rating **	A	Issue No.	13
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_RD0341_01_f_2014_13				
Comment Code					
Inspector Comment					
District has the O+M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_RD0341_01_f_2014_14				
Comment Code					
Inspector Comment					
District has emergency supplies stored.					

No Photos

LM Start		Rating **	A	Issue No.	15
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_RD0341_01_f_2014_15				
Comment Code					
Inspector Comment					
District is prepared for a flood fight.					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	20
LM End	3.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.085535 °	38.105238 °	
			-121.686463 °	-121.702391 °	
DWR ID	DWR_RD0341_01_s_2016_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation from 0.00 - 3.35.					

Photo 1 of 1 : SP_2016_RD0341_167_20_20160316_00045.jpg



Looking upstream from levee mile 0.00 landside unit 1 RD 341.

LM Start	0.00	Rating **	A	Issue No.	21
LM End	3.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.085535 °	38.105238 °	
			-121.686463 °	-121.702391 °	
DWR ID	DWR_RD0341_01_s_2016_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
District has mowed the landside shoulder and slope.					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	22
LM End	0.00	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.085507 °	38.085507 °
				-121.686528 °	-121.686528 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22063 DS_ID:24215 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, 11.1 feet below the crown. CM cutoff wall around pipe at center of levee. Siphon breaker on both sides. Pump on landward side approximately 300 feet from landward toe. Pipe exposed on both levee slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.0). Marine Station number 1 located on waterward side with attached small solar panel on top. FS Date: 5/5/2009					

Photo 1 of 2 : UCIP_SP_2016_22063_37640.jpg



Marine station posts in river identified as Station 1 near crossing.

LM Start	0.00	Rating **	M	Issue No.	22 (cont)
LM End	0.00	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_22063_37644.jpg



View of pipe and siphon breaker located on waterward side--dense vegetation on slope.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start	0.48	Rating **	M	Issue No.	23
LM End	0.48	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.092464 °	38.092464 °
				-121.686962 °	-121.686962 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22064 DS_ID:24110 EP_NO: 6297 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Markers Missing. No markers found to confirm crossing is still in use--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 3-inch electrical conduit through the levee, 3.5 feet below the crown. Location marker on waterward shoulder--no marker found. Pole on landward side. Rock revetment on waterward slope. (Permit No. 6297-1969) FS Date: 5/5/2009					

Photo 1 of 2 : UCIP_SP_2016_22064_37647.jpg



Underground Service Alert (USA) markings on road surface indicating line is still present.

LM Start	0.48	Rating **	M	Issue No.	23 (cont)
LM End	0.48	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_22064_37646.jpg



Underground Service Alert (USA) markings on road shoulder.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start	1.07	Rating **	M	Issue No.	25
LM End	1.07	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.100972 °	38.100972 °
				-121.686813 °	-121.686813 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22070 DS_ID:24113 EP_NO: 11095 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 18-inch pipe sleeved through 24-inch pipe through the levee, 4.0 feet below the crown. Air vent and monitoring well on landward side. Pipe exposed on the waterward slope. This pipe was retained under ABO No. 11095 (1975). FS Date: 5/5/2009					

Photo 1 of 2 : UCIP_SP_2016_22070_37664.jpg



View of pipe located on waterward side.

LM Start	1.07	Rating **	M	Issue No.	25 (cont)
LM End	1.07	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_22070_37663.jpg



View of landward side--visible standup pipe on slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start	1.44	Rating **	M	Issue No.	26
LM End	1.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.106183 °	38.106183 °
				-121.685541 °	-121.685541 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22074 DS_ID:24115 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine if crossing is still active and to determine last inspection date. Will need copy of letter showing crossings passed inspection. NEED photo of emergency contact information from marker. FIELD_STRUCT_DESC: 10-inch steel gas line through the levee. Valve in concrete box on the landward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.42). FS Date: 5/5/2009					

Photo 1 of 2 : UCIP_SP_2016_22074_37675.jpg



Concrete box located on landward side.

LM Start	1.44	Rating **	M	Issue No.	26 (cont)
LM End	1.44	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_22074_37672.jpg



Inside view of vault located on the landward side.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start	1.45	Rating **	M	Issue No.	27
LM End	1.45	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.106323 °	38.106323 °
				-121.685493 °	-121.685493 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22076 DS_ID:24217 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unknown detail of the size of crossing. Need to contact owner to determine if crossing is still active and to determine last inspection date. Will need copy of letter showing crossings passed inspection. NEED photo of emergency contact information from marker. FIELD_STRUCT_DESC: Gas line through the levee. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.44). FS Date: 5/5/2009					

Photo 1 of 2 : UCIP_SP_2016_22076_37680.jpg



Concrete box located on landward side.

LM Start	1.45	Rating **	M	Issue No.	27 (cont)
LM End	1.45	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_22076_37677.jpg



Inside view of vault located on the landward side.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start	1.96	Rating **	M	Issue No.	30
LM End	1.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.113641 °	38.113641 °
				-121.684112 °	-121.684112 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22086 DS_ID:24116 EP_NO: 11103 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to determine if crossing is the same as permitted under permit no. 11103. Need to contact owner and determine status of crossing under permit no. 11103. Believe steel conduit is exposed on landward side. FIELD_STRUCT_DESC: 1.5-inch iron water pipe and 3.5-inch electrical steel conduit through the levee, both 3.0 feet below the crown. Pressure system and service pole on landward slope. Fishing resort on waterward side. This pipe was retained under ABO No. 11103 (1975). FS Date: 5/5/2009					

Photo 1 of 2 : UCIP_SP_2016_22086_37706.jpg



View of waterward side.

LM Start	1.96	Rating **	M	Issue No.	30 (cont)
LM End	1.96	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_22086_37704.jpg



Power connection on waterward side no other appurtenances found.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start	2.00	Rating **	M	Issue No.	35
LM End	2.00	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.114092 °	38.114092 °
				-121.684524 °	-121.684524 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22091 DS_ID:24117 EP_NO: 5427 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to find pipe or sump pump. Indicators found on landward side include potential septic tank and observation well. Need to contact owner of crossing to determine status of crossing. FIELD_STRUCT_DESC: 1 of 2: 4-inch diameter pipe sleeved through 6-inch pipe through the levee, 3.7 feet below the crown. Sump pump on waterward slope. Septic tank and observation well on the landward side. (Permit No. 5427-1966) FS Date: 5/5/2009					

Photo 1 of 2 : UCIP_SP_2016_22091_37712.jpg



View of potential observation well on landward side.

LM Start	2.00	Rating **	M	Issue No.	35 (cont)
LM End	2.00	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_22091_37711.jpg



Stand pipe (potential observation well) and concrete pad located on landward side.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start	2.00	Rating **	M	Issue No.	36
LM End	2.00	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.114092 °	38.114092 °
				-121.684524 °	-121.684524 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22093 DS_ID:24237 EP_NO: 5427 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Signs of electrical connection boxes. Unable to determine if these boxes are associated to crossing. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 2 of 2: Five 1 to 1.5-inch pipes through the levee, 3.7 feet below the crown. Pump on waterward slope. Septic tank and observation well on the landward side. (Permit No. 5427-1966) FS Date: 5/5/2009					

Photo 1 of 2 : UCIP_SP_2016_22093_37717.jpg



Electrical conduit and box located on left corner of picture.

LM Start	2.00	Rating **	M	Issue No.	36 (cont)
LM End	2.00	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_22093_37716.jpg



Electrical connection visible next to concrete pad--right corner.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start	2.11	Rating **	M	Issue No.	37
LM End	2.11	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.113753 °	38.113753 °
				-121.686298 °	-121.686298 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39860 DS_ID:24756 EP_NO: 17251 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 24-inch steel natural gas pipeline through the levee 125-feet below the crown (Permit No. 17251, 2002). FS Date: 3/4/2014					

Photo 1 of 2 : UCIP_SP_2016_39860_71847.jpg



View of sign located on waterward side.

LM Start	2.11	Rating **	M	Issue No.	37 (cont)
LM End	2.11	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_39860_71846.jpg



Markers visible on landward toe.

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

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Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start	2.95	Rating **	M	Issue No.	28
LM End	2.95	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.104206 °	38.104206 °
				-121.695367 °	-121.695367 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:22112
 DS_ID:24121
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Pipe side does not match found 10 inch instead of 8 inch. Pipe (1 of 2) was supposed to be removed and replaced with 12-inch steel irrigation pipes under Permit No. 5629 (1966). Historical Levee Logs from 1992 do not reflect that the replacement was completed, verify diameter of pipes and status with applicant. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
 FIELD_STRUCT_DESC: 1 of 2: 10-inch (not 8-inch as originally noted in records) steel irrigation pipe through the levee, 1.4 feet below the crown. Siphon breaker on landward side. Irrigation ditch with distribution box at landward toe. Pipe exposed on both slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93).
 FS Date: 5/5/2009

LM Start	2.95	Rating **	M	Issue No.	28 (cont)
LM End	2.95	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_SP_2016_22112_37750.jpg



View of pipe and rip rap located on waterward side.

Photo 2 of 2 : UCIP_SP_2016_22112_37748.jpg



Stand pipe located near levee toe on landward side.

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start	2.95	Rating **	M	Issue No.	29
LM End	2.95	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.104206 °	38.104206 °	
			-121.695367 °	-121.695367 °	
DWR ID					

Comment Code					

Inspector Comment					
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FS_ID:22116
 DS_ID:24238
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Indicator Found
 UCIP Comments: Pipe side does not match--found 10 inch instead of 8 inch. Pipe (2 of 2) was supposed to be removed and replaced with 12-inch steel irrigation pipes under Permit No. 5629 (1966). Historical Levee Logs from 1992 do not reflect that the replacement was completed, verify diameter of pipes and status with applicant. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
 FIELD_STRUCT_DESC: 2 of 2: 10-inch (not 8-inch as originally mentioned in desk study) steel irrigation pipe through the levee, 1.6 feet below the crown. Siphon breaker on landward side. Irrigation ditch with distribution box at landward toe. Pipe exposed on both slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93).
 FS Date: 5/5/2009

LM Start	2.95	Rating **	M	Issue No.	29 (cont)
LM End	2.95	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_SP_2016_22116_37758.jpg



View of pipe and rip rap located on waterward side.

Photo 2 of 2 : UCIP_SP_2016_22116_37755.jpg



Small stand pipe located on waterward side--unknown purpose of stand pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start	3.33	Rating **	M	Issue No.	31
LM End	3.33	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.105183 °	38.105183 °
				-121.702026 °	-121.702026 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22183 DS_ID:24245 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: New crossing found in field--need to find owner and determine permit authorizing work. FIELD_STRUCT_DESC: 10-inch corrugated metal pipe extruding from the waterward slope. FS Date: 5/5/2009					

Photo 1 of 2 : UCIP_SP_2016_22183_37780.jpg



View of waterward side.

LM Start	3.33	Rating **	M	Issue No.	31 (cont)
LM End	3.33	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_22183_37783.jpg



Pipe on waterward side.

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

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Reclamation District No. 0341 Sherman Island

Waterway		Bank	Unit Miles
Unit No. 02 Sacramento River		Left	6.28

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/11/2016 - 3/11/2016			
DWR Inspector	Herman Phillips			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

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

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	3.40	Rating **	A	Issue No.	38
LM End	3.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.105310 °	38.097763 °	
			-121.703313 °	-121.706290 °	
DWR ID	DWR_RD0341_02_s_2016_38				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation along this section of levee.					

Photo 1 of 1 : SP_2016_RD0341_168_38_20160316_00079.jpg



Looking downstream of Sacramento River Levee mile 3.40 Unit 2 RD 341.

LM Start	3.97	Rating **	U	Issue No.	45
LM End	6.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.097763 °	38.080573 °	
			-121.706288 °	-121.731113 °	
DWR ID	DWR_RD0341_02_f_2015_45				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The unwanted vegetation on the waterside needs spraying or mowing. The arundo present blocks view of the levee section.					

Photo 1 of 1 : SP_2016_RD0341_168_45_20160316_00080.jpg



Looking downstream from the waterside levee mile 3.97 to levee mile 6.19 unwanted vegetation on the slope and shoulder.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	3.97	Rating **	U	Issue No.	46
LM End	6.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.097763 °	38.080323 °
				-121.706287 °	-121.730453 °
DWR ID	DWR_RD0341_02_f_2015_46				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the wild vegetation from the landside slope and shoulder.					

Photo 1 of 1 : SP_2016_RD0341_168_46_20160316_00081.jpg



This picture was taken from downstream levee mile 6.15 looking upstream of the landside levee slope and shoulder towards levee mile 3.97.

LM Start	4.04	Rating **	M	Issue No.	54
LM End	4.04	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.096783 °	38.096783 °
				-121.706173 °	-121.706173 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22203 DS_ID:24135 EP_NO: 11110 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine status of crossing--need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 10-inch pipe sleeved through 12-inch pipe through the levee, 3.8 feet below the crown. Pump on concrete well on landward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.03). 10-inch pipe was retained under ABO No. 11110 (1975). FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_22203_37833.jpg



Limited access to waterward side--pipe visible through brush.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	4.04	Rating **	M	Issue No.	54 (cont)
LM End	4.04	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.096783 °	38.096783 °
				-121.706173 °	-121.706173 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22203 DS_ID:24135 EP_NO: 11110 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine status of crossing--need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 10-inch pipe sleeved through 12-inch pipe through the levee, 3.8 feet below the crown. Pump on concrete well on landward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.03). 10-inch pipe was retained under ABO No. 11110 (1975). FS Date: 5/6/2009					

Photo 2 of 2 : UCIP_SP_2016_22203_37832.jpg



View of landward shoulder and low spots on highway.

LM Start	4.15	Rating **	M	Issue No.	7
LM End	4.19	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.095148 °	38.094590 °
				-121.706367 °	-121.706393 °
DWR ID	DWR_RD0341_02_s_2016_7				
Comment Code					
Inspector Comment					
2011 - Large new erosion pocket probably hidden by vegetation in the past. 2015: No observed changes. [2015 Site ID: SAC_8-2_L]					

Photo 1 of 1 : SP_2016_RD0341_168_7_20160223_00005.jpg



USACE 2013 Photo #1

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	4.31	Rating **	M	Issue No.	55
LM End	4.31	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.092900 °	38.092900 °
				-121.706070 °	-121.706070 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22223 DS_ID:24122 EP_NO: 11106 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe through the levee, 4.0 feet below the crown. Pump on pile structure in stream. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.29). 12-inch pipe was retained under ABO No. 11106 (1975). FS Date: 5/6/2009					

Photo 1 of 1 : UCIP_SP_2016_22223_37840.jpg



View of waterward side--pipe and pump visible.

LM Start	4.47	Rating **	U	Issue No.	3
LM End	4.62	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.090620 °	38.088572 °
				-121.706684 °	-121.707127 °
DWR ID	DWR_RD0341_02_s_2016_3				
Comment Code					
Inspector Comment					
1999 - New small slump in eroded bank. 2005 - Reach extended because of vertical bank along the roadway upstream. 2011 - More slumping since last year. 2012 - Site upgraded to critical. Very steep slope which may be effecting the highway on top of the levee. 2015: New erosion towards downstream end of site. [2015 Site ID: SAC_8-0_L]					

Photo 1 of 1 : SP_2016_RD0341_168_3_20160223_00003.jpg



USACE 2013 Photo #1

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	4.76	Rating **	U	Issue No.	4
LM End	4.85	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.086603 °	38.085459 °
				-121.707786 °	-121.708607 °
DWR ID	DWR_RD0341_02_s_2016_4				
Comment Code					
Inspector Comment					
2011 - Large slump section. 2012 - Site extended downstream, upgraded to critical, severe windwave. Slope is very steep and may be effecting the highway on top of the levee. 2015: No observed changes. [2015 Site ID: SAC_7-9_L]					

Photo 1 of 1 : SP_2016_RD0341_168_4_20160223_00004.jpg



USACE 2013 Photo #1

LM Start	4.79	Rating **	M	Issue No.	63
LM End	4.79	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.086119 °	38.086119 °
				-121.707912 °	-121.707912 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22186 DS_ID:24123 EP_NO: 4855 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2-inch steel irrigation pipe through the levee, 3.0 feet below the crown. Valve and pump on landward side. Rock revetment on waterward slope. (Permit No. 4855-1965) FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_22186_37787.jpg



View of crossing on waterward side--dense vegetation on slopes.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	4.79	Rating **	M	Issue No.	63 (cont)
LM End	4.79	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.086119 °	38.086119 °
				-121.707912 °	-121.707912 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22186 DS_ID:24123 EP_NO: 4855 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2-inch steel irrigation pipe through the levee, 3.0 feet below the crown. Valve and pump on landward side. Rock revetment on waterward slope. (Permit No. 4855-1965) FS Date: 5/6/2009					

Photo 2 of 2 : UCIP_SP_2016_22186_37786.jpg



View of waterward toe.

LM Start	4.99	Rating **	M	Issue No.	74
LM End	4.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083881 °	38.083881 °
				-121.710060 °	-121.710060 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39862 DS_ID:24124 EP_NO: 1806 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing has failed. Large holes present on waterward side. Need to contact owner. Crossing needs to be addressed. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe sleeved through 14-inch pipe through the levee, 6.8 feet below the crown. Hand primer pump in pumphouse on landward slope. Pipe exposed on both slopes. (Permit No. 1806-1959) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.02). FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_39862_37842.jpg



View of crossing on waterward side. Dense vegetation limits inspection of crossing.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	4.99	Rating **	M	Issue No.	74 (cont)
LM End	4.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083881 °	38.083881 °
				-121.710060 °	-121.710060 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39862 DS_ID:24124 EP_NO: 1806 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing has failed. Large holes present on waterward side. Need to contact owner. Crossing needs to be addressed. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe sleeved through 14-inch pipe through the levee, 6.8 feet below the crown. Hand primer pump in pumphouse on landward slope. Pipe exposed on both slopes. (Permit No. 1806-1959) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.02). FS Date: 5/6/2009					

Photo 2 of 2 : UCIP_SP_2016_39862_37841.jpg



Holes present on waterward side.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	5.02	Rating **	M	Issue No.	76
LM End	5.02	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083633 °	38.083633 °
				-121.710532 °	-121.710532 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39867 DS_ID:24236 EP_NO: 2301 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to verify status of crossing. Permit authorized 24 inch pipe. Unable to find stand pipe in field. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 3 of 3: 20-inch steel irrigation pipe through the levee, 8.1 feet below the crown. Cutoff wall under the waterward slope. Siphon breaker on waterward slope. Gate valves on waterward side of pipe. Standpipe at landward toe. (Permit No. 2301-1959). FS Date: 5/6/2009					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	5.05	Rating **	M	Issue No.	60
LM End	5.05	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083143 °	38.083143 °
				-121.710914 °	-121.710914 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22253 DS_ID:24195 EP_NO: 15175 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 4: 24-inch steel irrigaiton pipe in 30-inch steel casings through the levee, 6.6 feet below the crown. Annular gap grouted. Siphon breakers at waterward shoulder, with concrete risers on both ends. Screened inlet manifold (36-inch) with backwash system on pile structure in stream. Surrounded by fence with entry gate. Irrigation pond at landward toe. (Permit No. 15175-1993). Structure in stream installed under Permit No. 16737 (2000). FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_22253_37885.jpg



Pipes, walkway, fence, and support piles located on waterward side.

LM Start	5.05	Rating **	M	Issue No.	60 (cont)
LM End	5.05	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_22253_37882.jpg



View of waterward side - 3-20 inch pipes.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	5.05	Rating **	M	Issue No.	61
LM End	5.05	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083137 °	38.083137 °
				-121.710916 °	-121.710916 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22254 DS_ID:24239 EP_NO: 15175 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 4: 24-inch steel irrigaiton pipe in 30-inch steel casings through the levee, 6.6 feet below the crown. Annular gap grouted. Siphon breakers at waterward shoulder, with concrete risers on both ends. Screened inlet manifold (36-inch) with backwash system on pile structure in stream. Surrounded by fence with entry gate. Irrigation pond at landward toe. (Permit No. 15175-1993). Structure in stream installed under Permit No. 16737 (2000). FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_22254_37896.jpg



Pipes, walkway, fence, and support piles located on waterward side.

LM Start	5.05	Rating **	M	Issue No.	61 (cont)
LM End	5.05	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_22254_37898.jpg



View of waterward side - 3-20 inch pipes.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	5.06	Rating **	M	Issue No.	62
LM End	5.06	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083133 °	38.083133 °
				-121.710922 °	-121.710922 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22255 DS_ID:24240 EP_NO: 15175 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 3 of 4: 24-inch steel irrigaiton pipe in 30-inch steel casings through the levee, 6.6 feet below the crown. Annular gap grouted. Siphon breakers at waterward shoulder, with concrete risers on both ends. Screened inlet manifold (36-inch) with backwash system on pile structure in stream. Surrounded by fence with entry gate. Irrigation pond at landward toe. (Permit No. 15175-1993). Structure in stream installed under Permit No. 16737 (2000). FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_22255_37911.jpg



Pipes, walkway, fence, and support piles located on waterward side.

LM Start	5.06	Rating **	M	Issue No.	62 (cont)
LM End	5.06	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_22255_37909.jpg



View of waterward side - 3-20 inch pipes.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	5.06	Rating **	M	Issue No.	72
LM End	5.06	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083177 °	38.083177 °
				-121.711001 °	-121.711001 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41538 DS_ID:24241 EP_NO: 15175 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to find electrical conduit however, the pump structure is present. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 4 of 4: 4-inch electric conduit through the levee, 2.0 feet below the crown. Screened inlet manifold (36-inch) with backwash system on pile structure in stream. Surrounded by fence with entry gate. Irrigation pond at landward toe. (Permit No. 16737-2000) FS Date: 5/6/2009					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	5.39	Rating **	M	Issue No.	64
LM End	5.39	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.081790 °	38.081790 °
				-121.716868 °	-121.716868 °
DWR ID					

Comment Code					

Inspector Comment					
FS_ID:22256 DS_ID:24127 EP_NO: 11116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 16-inch pipe sleeved through 18-inch pipe through the levee, 2.5 feet below the crown. Annular gap grouted. Air vent on waterward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.40). This pipe was retained under ABO No. 11116 (1975). Annular gap grouted and pipe lengthened under Permit No. 15372 (1993). FS Date: 5/6/2009					

LM Start	5.39	Rating **	M	Issue No.	64 (cont)
LM End	5.39	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_22256_37915.jpg



Overview of levee crown at crossing.

Photo 2 of 2 : UCIP_SP_2016_22256_37914.jpg



View of pipe through brush on waterward side.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	5.55	Rating **	M	Issue No.	11
LM End	5.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.081270 °	38.080807 °	
			-121.719702 °	-121.723488 °	
DWR ID	DWR_RD0341_02_f_2014_11				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	5.87	Rating **	M	Issue No.	48
LM End	5.87	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.080381 °	38.080381 °	
			-121.725534 °	-121.725534 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22258 DS_ID:24074 EP_NO: 11116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 2: 8-inch pipe sleeved through 10-inch pipe through levee, 2.5 feet below the crown. Annular gap grouted. Concrete distribution box with slide gate at landward toe. Air vent on waterward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.81). This pipe was retained under ABO No. 11116 (1975). Distributon box installed and pipe along landward slope removed and replaced with longer 10-inch steel pipe under Permit No. 15372 (1993). FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_22258_37932.jpg



8-inch pipe and 14-inch pipe on waterward side.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	5.87	Rating **	M	Issue No.	48 (cont)
LM End	5.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080381 °	38.080381 °
				-121.725534 °	-121.725534 °
DWR ID					
Comment Code					
Inspector Comment					
<p>FS_ID:22258 DS_ID:24074 EP_NO: 11116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 2: 8-inch pipe sleeved through 10-inch pipe through levee, 2.5 feet below the crown. Annular gap grouted. Concrete distribution box with slide gate at landward toe. Air vent on waterward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.81). This pipe was retained under ABO No. 11116 (1975). Distributon box installed and pipe along landward slope removed and replaced with longer 10-inch steel pipe under Permit No. 15372 (1993). FS Date: 5/6/2009</p>					

Photo 2 of 2 : UCIP_SP_2016_22258_37930.jpg



Air vent located on waterward side.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	5.87	Rating **	M	Issue No.	49
LM End	5.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080381 °	38.080381 °
				-121.725534 °	-121.725534 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22259 DS_ID:24075 EP_NO: 1806 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 2: 14-inch steel irrigation pipe through the levee, 3.0 feet below the crown. Concrete distribution box with gate valve at landward toe. Air vent on waterward side. (Permit No. 1806-1959) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.81). Distributon box installed and pipe along landward slope removed and replaced with longer 16-inch steel pipe under Permit No. 15372 (1993). FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_22259_37935.jpg



View of pipes on waterward side.

LM Start	5.87	Rating **	M	Issue No.	49 (cont)
LM End	5.87	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_22259_37936.jpg



Air vent located on waterward side.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	6.03	Rating **	U	Issue No.	1
LM End	6.16	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.080370 °	38.080526 °
				-121.728341 °	-121.730483 °
DWR ID	DWR_RD0341_02_s_2016_1				
Comment Code					
Inspector Comment					
2011 - Large slump at downstream end. Gully formed from surface runoff from the road. Shallow slumping throughout site. 2012 - The gully at upstream end has increased in size and site continues to worsen. 2015: No observed changes. [2015 Site ID: SAC_7-3_L]					

Photo 1 of 1 : SP_2016_RD0341_168_1_20160223_00001.jpg



USACE 2013 Photo #1

LM Start	6.16	Rating **	M	Issue No.	40
LM End	6.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.080467 °	38.081067 °
				-121.730568 °	-121.732960 °
DWR ID	DWR_RD0341_02_s_2016_40				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The RD is in process of mowing the weeds on the landside slope.					

No Photos

LM Start	6.16	Rating **	M	Issue No.	39
LM End	6.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.080467 °	38.082922 °
				-121.730568 °	-121.736900 °
DWR ID	DWR_RD0341_02_s_2016_39				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	6.20	Rating **	M	Issue No.	73
LM End	6.20	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.080591 °	38.080591 °
				-121.731249 °	-121.731249 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39861 DS_ID:24076 EP_NO: 11116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer used will need to meet Title 23 requirements. Hole present in pipe section. Debris on waterward side-- 10-inch pipe section abandoned on slope. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe sleeved through 14-inch pipe through levee, 4.0 feet below crown. Annular gap grouted. Slide gate in distribution box on landward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.12). This pipe was retained under ABO No. 11116 (1975). Distributon box installed and pipe along landward slope removed and replaced with longer 16-inch steel pipe under Permit No. 15372 (1993). FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_39861_71853.jpg



View of structure located on waterward side.

LM Start	6.20	Rating **	M	Issue No.	73 (cont)
LM End	6.20	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_39861_71852.jpg



Marker visible on waterward side associated with crossing.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	6.29	Rating **	U	Issue No.	47
LM End	6.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.081075 °	38.081142 °	
			-121.732813 °	-121.733465 °	
DWR ID	DWR_RD0341_02_f_2015_47				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove the unwanted fig trees from the levee section.					

Photo 1 of 1 : SP_2016_RD0341_168_47_20160316_00078.jpg



Landside slope blocked by woody growth of fig trees.

LM Start	6.48	Rating **	A	Issue No.	42
LM End	9.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.082325 °	38.061044 °	
			-121.735955 °	-121.784420 °	
DWR ID	DWR_RD0341_02_s_2016_42				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation along this levee section.					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	6.53	Rating **	M	Issue No.	50
LM End	6.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.082718 °	38.082718 °
				-121.736635 °	-121.736635 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22261 DS_ID:24078 EP_NO: 11116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe through the levee, 2.0 feet below the crown. Siphon breaker on landward slope. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.31). This pipe was retained under ABO No. 11116 (1975). FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_22261_37949.jpg



Side view of pipe on waterward side.

LM Start	6.53	Rating **	M	Issue No.	50 (cont)
LM End	6.53	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_22261_37947.jpg



View of pipe and rip rap on waterward side.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	6.55	Rating **	A	Issue No.	43
LM End	9.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.082922°	38.061044°
				-121.736897°	-121.784419°
DWR ID	DWR_RD0341_02_s_2016_43				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation along this levee section.					

No Photos

LM Start	6.63	Rating **	M	Issue No.	51
LM End	6.63	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.083549°	38.083549°
				-121.738161°	-121.738161°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22262 DS_ID:24079 EP_NO: 11107 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer in used owner will need to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 4-inch pipe through the levee, 4.0 feet below the crown. This pipe was retained under ABO No. 11107 (1975). FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_22262_37953.jpg



View of landward side no evidence of crossing.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	7.17	Rating **	M	Issue No.	57 (cont)
LM End	7.17	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.079803 °	38.079803 °
				-121.746345 °	-121.746345 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22268 DS_ID:24218 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. Multiple crossings in general area need to clarify which pipes are in this levee section. FIELD_STRUCT_DESC: Gas line crossing through the levee. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 7.08). Utility marker contact information includes Contact prior to Excavation call 1-800-227-2600 or Emergency Contact 1-800-743-5000. FS Date: 5/6/2009					

Photo 2 of 2 : UCIP_SP_2016_22268_37979.jpg



Utility marker located on waterward side.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	7.62	Rating **	M	Issue No.	58
LM End	7.62	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.076229 °	38.076229 °
				-121.753363 °	-121.753363 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22293 DS_ID:24128 EP_NO: 1915 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Will need to contact owner. Need to obtain maintenance records and clarify modifications made at to crossing (size). Also important to note that DWR DOE was out in the field during our pipe inspection they were conducting pipe evaluation for pipe replacement. Need to contact DWR DOE to determine location of pipe replacement. FIELD_STRUCT_DESC: 18-inch (not 12-inch as noted in historical records) steel irrigation pipe through the levee, 3.0 feet below the crown. Concrete pipe riser on landward side. (Permit No. 1352-1948) Siphon breaker on landward side installed under Permit No. 1915 (1954). Pipe removed and replaced by 12-inch steel pipe under Permit No. 10799 (1977). FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_22293_38041.jpg



Overview of waterward side-18-inch pipe located on right side and 12-inch pipe located on left side.

LM Start	7.62	Rating **	M	Issue No.	58 (cont)
LM End	7.62	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_22293_38040.jpg



View of crossing located on waterward side.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	7.62	Rating **	M	Issue No.	59
LM End	7.62	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.076229 °	38.076229 °
				-121.753363 °	-121.753363 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22294 DS_ID:24243 EP_NO: 10799 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Will need to contact owner. Need to obtain maintenance records and clarify modifications made at to crossing (size). Also important to note that DWR DOE was out in the field during our pipe inspection they were conducting pipe evaluation for pipe replacement. Need to contact DWR DOE to determine location of pipe replacement. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 5.3 feet below the crown. Steel cutoff wall around pipe at center of levee. Siphon breaker on landward shoulder. Steel (not concrete as mentioned in historical records) pipe riser on landward side. 2-inch pipe sleeve around pipe at waterward shoulder. Rock revetment on waterward slope. Pipe exposed along waterward slope. (Permit No. 10799-1977) FS Date: 5/6/2009					

LM Start	7.62	Rating **	M	Issue No.	59 (cont)
LM End	7.62	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_22294_38046.jpg



Overview of waterward side- 12-inch pipe located on left side and 18-inch pipe located on right side.

Photo 2 of 2 : UCIP_SP_2016_22294_38050.jpg



Concrete headwall located on waterward side.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	8.01	Rating **	M	Issue No.	65
LM End	8.01	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.073340 °	38.073340 °
				-121.759340 °	-121.759340 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22303 DS_ID:24246 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine the status of conduit--has construction been completed? FIELD_STRUCT_DESC: Four 2.5-inch conduits sleeved through 12-inch steel pipe through the levee. Boat launching dock and ramp on the waterward side. Provide a field description of this crossing. FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_22303_38062.jpg



View of waterward side. Conduit goes through concrete structure connecting walkway.

LM Start	8.01	Rating **	M	Issue No.	65 (cont)
LM End	8.01	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_22303_38061.jpg



Conduits exposed on waterward side.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	8.29	Rating **	M	Issue No.	66
LM End	8.29	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.072083 °	38.072083 °	
			-121.764216 °	-121.764216 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22305 DS_ID:24221 EP_NO: 17728 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to clarify if three 2-inch steel conduits were installed. This permit appears to be associated with the dock installed at levee mile 7.91. See inspection sheet for LM 7.91. FIELD_STRUCT_DESC: Three 2-inch steel electric conduits encased in a single 6-inch steel conduit through the levee, 2.0 feet below the crown. Gaps filled with grout. Boat dock (60x8 feet) and landing on steel pilings in the channel. Metal bridge, concrete landing on pilings and foot paths on the waterward slope. Rock revetment on waterward slope. (Permit No. 17728-2004) FS Date: 5/6/2009					

Photo 1 of 1 : UCIP_SP_2016_22305_38064.jpg



Dock installed at levee mile 7.91.

LM Start	8.43	Rating **	M	Issue No.	67
LM End	8.43	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.070678 °	38.070678 °	
			-121.766206 °	-121.766206 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22306 DS_ID:24130 EP_NO: 3494 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 1 of 2: 26-inch concrete encased steel gas line through the levee, 5.1 feet below the crown. Concrete cutoff wall around pipe at center of levee. Location sign on waterward shoulder. Rock revetment on waterward slope. (Permit No. 3494-1961) Contact number listed on marker out in the field 1-800-811-4111. FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_22306_38067.jpg



Survey marker found at this location.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	8.43	Rating **	M	Issue No.	68 (cont)
LM End	8.43	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.070678 °	38.070678 °
				-121.766206 °	-121.766206 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22307 DS_ID:24233 EP_NO: 3494 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 2 of 2: 26-inch concrete encased steel gas line through the levee, 5.1 feet below the crown. Concrete cutoff wall around pipe at center of levee. Location sign on waterward shoulder. Rock revetment on waterward slope. (Permit No. 3494-1961) Contact number provided on marker out in the field 1-800-811-4111. FS Date: 5/6/2009					

Photo 2 of 2 : UCIP_SP_2016_22307_38069.jpg



Gas line markers located on landward side.

LM Start	8.52	Rating **	M	Issue No.	69
LM End	8.52	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.069690 °	38.069690 °
				-121.767313 °	-121.767313 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22309 DS_ID:24247 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: New record found in the field. Unable to find any information for crossing during DWR desk study. Will need to find the owner and obtain records for crossing. Need to coordinate with CVFPB. FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, at a shallow depth below the crown. Air vent on the waterward side. Distribution box with slide gate and observation well on the landward side. Pumping station on the landward side. Rip rap located on waterward side. FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_22309_38075.jpg



Concrete stand pipe and gate valve located on landward side.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	8.52	Rating **	M	Issue No.	69 (cont)
LM End	8.52	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.069690 °	38.069690 °
				-121.767313 °	-121.767313 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22309 DS_ID:24247 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: New record found in the field. Unable to find any information for crossing during DWR desk study. Will need to find the owner and obtain records for crossing. Need to coordinate with CVFPB. FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, at a shallow depth below the crown. Air vent on the waterward side. Distribution box with slide gate and observation well on the landward side. Pumping station on the landward side. Rip rap located on waterward side. FS Date: 5/6/2009					

Photo 2 of 2 : UCIP_SP_2016_22309_38076.jpg



Overview of crossing on waterward side.

LM Start	8.69	Rating **	U	Issue No.	70
LM End	8.69	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.068019 °	38.068019 °
				-121.769367 °	-121.769367 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22323 DS_ID:24131 EP_NO: 11108 Repair Type: Urgent Crossing Status: Found UCIP Comments: Depression signs along pipe. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch (not 10-inch mentioned in historical records) concrete encased pipe through the levee, 5.5 feet below the crown. Siphon breaker in pipe riser on landward slope. Gate valve on landward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 8.59). This pipe was retained under ABO No. 11108 (1975). FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_22323_38092.jpg



Overview of waterward side. Slope protection along bank.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	8.69	Rating **	U	Issue No.	70 (cont)
LM End	8.69	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.068019 °	38.068019 °
				-121.769367 °	-121.769367 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22323 DS_ID:24131 EP_NO: 11108 Repair Type: Urgent Crossing Status: Found UCIP Comments: Depression signs along pipe. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch (not 10-inch mentioned in historical records) concrete encased pipe through the levee, 5.5 feet below the crown. Siphon breaker in pipe riser on landward slope. Gate valve on landward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 8.59). This pipe was retained under ABO No. 11108 (1975). FS Date: 5/6/2009					

Photo 2 of 2 : UCIP_SP_2016_22323_38090.jpg



Deformed pipe end located on waterward side.

LM Start	9.12	Rating **	M	Issue No.	71
LM End	9.12	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.064563 °	38.064563 °
				-121.776153 °	-121.776153 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22324 DS_ID:24133 EP_NO: 11114 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 14-inch pipe through the levee, 4.0 feet below the crown. Concrete standpipe with slide gate on landward side. Rock revetment on waterward slope. This pipe was retained under ABO No. 11114 (1975). FS Date: 5/6/2009					

Photo 1 of 2 : UCIP_SP_2016_22324_38096.jpg



Overview of waterward side.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	9.12	Rating **	M	Issue No.	71 (cont)
LM End	9.12	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.064563 °	38.064563 °
				-121.776153 °	-121.776153 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22324 DS_ID:24133 EP_NO: 11114 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 14-inch pipe through the levee, 4.0 feet below the crown. Concrete standpipe with slide gate on landward side. Rock revetment on waterward slope. This pipe was retained under ABO No. 11114 (1975). FS Date: 5/6/2009					

Photo 2 of 2 : UCIP_SP_2016_22324_38095.jpg



Potential subsidence in slope however difficult to determine due to dense vegetation.

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