

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2012 Levee Inspection Results****Reclamation District No. 0551 Pearson**

	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.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2012 Levee Inspection Results

Reclamation District No. 0551 Pearson

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	6.84
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/30/2012 - 3/30/2012			
DWR Inspector	Herman Phillips			
Accompanied By	Mr. Topper Van-Loben-Sels RD 551			

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 2012

Reclamation District No. 0551 Pearson

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River						Left	6.84	03/30/2012 03/30/2012	Herman Phillips	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1			Earthen Levee	Emergency Supplies & Equipment	LS	A Ma		°	°	3
DWR ID: DWR_RD0551_01_s_2012_3										
2			Earthen Levee	Flood Preparedness & Training	LS	A Ma		°	°	15
DWR ID: DWR_RD0551_01_s_2012_15										
3			Earthen Levee	Operations & Maintenance Manuals	LS	A Ma		°	°	23
DWR ID: DWR_RD0551_01_s_2012_23										
4	0.00	0.00	Earthen Levee	Vegetation	WS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.336458 ° -121.564751 °	38.336458 ° -121.564751 °	89 Y
DWR ID: DWR_RD0551_01_s_2012_89										
5	0.20	0.20	Earthen Levee	Trim / Thin Trees	LS	N Ma	T5 : Tree stumps.	38.334323 ° -121.567140 °	38.334323 ° -121.567140 °	7
DWR ID: DWR_RD0551_01_s_2012_7										
6	0.20	0.20	Earthen Levee	Encroachments	LS	M Ma	TR : Tree or limb	38.334322 ° -121.567140 °	38.334322 ° -121.567140 °	8 Y
DWR ID: DWR_RD0551_01_s_2012_8										
7	0.20	0.20	Earthen Levee	Trim / Thin Trees	LS	N Ma	T5 : Tree stumps.	38.334323 ° -121.567122 °	38.334323 ° -121.567122 °	21 Y
DWR ID: DWR_RD0551_01_s_2012_21										
8	0.22	0.22	Earthen Levee	Trim / Thin Trees	LS	N Ma	T5 : Tree stumps.	38.334095 ° -121.567387 °	38.334095 ° -121.567387 °	18 Y
DWR ID: DWR_RD0551_01_s_2012_18										
9	0.23	0.23	Earthen Levee	Trim / Thin Trees	LS	C Ma	T5 : Tree stumps.	38.334016 ° -121.567491 °	38.334016 ° -121.567491 °	1
DWR ID: DWR_RD0551_01_s_2012_1										
10	0.23	0.25	Earthen Levee	Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.333999 ° -121.567493 °	38.333728 ° -121.567766 °	82
DWR ID: DWR_RD0551_01_s_2012_82										
11	0.32	0.32	Earthen Levee	Encroachments	LS	M En	TR : Tree or limb	38.333080 ° -121.568603 °	38.333080 ° -121.568603 °	83
DWR ID: DWR_RD0551_01_s_2012_83										
12	0.41	0.41	Earthen Levee	Encroachments	WS	M En	EQ : Equipment	38.332110 ° -121.569720 °	38.332110 ° -121.569720 °	84
DWR ID: DWR_RD0551_01_s_2012_84										
13	0.54	0.58	Earthen Levee	Vegetation	WS	M En	V6 : Landscaping	38.330557 ° -121.571237 °	38.330158 ° -121.571595 °	4
DWR ID: DWR_RD0551_01_s_2012_4										
14	0.55	0.55	Earthen Levee	Encroachments	WS	M En	BU : Buildings	38.330485 ° -121.571209 °	38.330485 ° -121.571209 °	2
DWR ID: DWR_RD0551_01_s_2012_2										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 0551 Pearson

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River				Left	6.84	03/30/2012 03/30/2012	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
15	0.56	0.59	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.330372 ° -121.571415 °	38.330058 ° -121.571697 °	5
DWR ID: DWR_RD0551_01_s_2012_5										
16	0.60	0.60	Earthen Levee	Encroachments	WS	M En	BU : Buildings	38.329918 ° -121.571742 °	38.329918 ° -121.571742 °	9
DWR ID: DWR_RD0551_01_s_2012_9										
17	0.60	0.60	Earthen Levee	Erosion / Bank Caving	WS	U Ma	E2 : Schedule repair of erosion site prior to the next inspection.	38.329895 ° -121.571838 °	38.329895 ° -121.571838 °	85
DWR ID: DWR_RD0551_01_s_2012_85										
18	0.60	0.60	Earthen Levee	Erosion / Bank Caving	WS	U Ma	E2 : Schedule repair of erosion site prior to the next inspection.	38.329895 ° -121.571840 °	38.329895 ° -121.571840 °	87 Y
DWR ID: DWR_RD0551_01_s_2012_87										
19	0.70	0.73	Earthen Levee	Encroachments	WS	U En	MA : Material Inspector Comments: This property has several unauthorized encroachments that were identified during the spring inspection that still remain on location to date, 11-19-2009.	38.328651 ° -121.372755 °	38.328286 ° -121.573045 °	42 Y
DWR ID: DWR_RD0551_01_s_2012_42										
20	0.76	0.76	Earthen Levee	Encroachments	WSA/W	Ma	ST : Stairways Inspector Comments: There is a permit pending for this encroachment.	38.327852 ° -121.573487 °	38.327852 ° -121.573487 °	29 Y
DWR ID: DWR_RD0551_01_s_2012_29										
21	1.53	1.53	Earthen Levee	Trim / Thin Trees	WS	C Ma	T5 : Tree stumps.	38.317248 ° -121.576654 °	38.317248 ° -121.576654 °	12
DWR ID: DWR_RD0551_01_s_2012_12										
22	1.54	1.54	Earthen Levee	Encroachments	WS	M En	PO : Poles Inspector Comments: Abandoned cut off power pole on waterward shoulder left by SMUD.	38.316692 ° -121.576668 °	38.316692 ° -121.576668 °	88
DWR ID: DWR_RD0551_01_s_2012_88										
23	1.54	1.62	Earthen Levee	Vegetation	WS	M En	V6 : Landscaping	38.317138 ° -121.576567 °	38.316060 ° -121.576688 °	6
DWR ID: DWR_RD0551_01_s_2012_6										
24	1.57	1.57	Earthen Levee	Encroachments	WS	M En	PO : Poles	38.316695 ° -121.576669 °	38.316695 ° -121.576669 °	86
DWR ID: DWR_RD0551_01_s_2012_86										
25	1.69	1.71	Earthen Levee	Encroachments	LS	M En	FE : Fences	38.315060 ° -121.576770 °	38.314717 ° -121.576788 °	11
DWR ID: DWR_RD0551_01_s_2012_11										
26	1.69	1.71	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.315048 ° -121.576800 °	38.314717 ° -121.576787 °	10
DWR ID: DWR_RD0551_01_s_2012_10										
27	2.73	2.73	Earthen Levee	Trim / Thin Trees	LS	C Ma	T5 : Tree stumps.	38.301440 ° -121.569561 °	38.301440 ° -121.569561 °	14
DWR ID: DWR_RD0551_01_s_2012_14										
28	2.75	2.75	Earthen Levee	Trim / Thin Trees	LS	C Ma	T5 : Tree stumps.	38.300893 ° -121.569057 °	38.300893 ° -121.569057 °	17
DWR ID: DWR_RD0551_01_s_2012_17										

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 0551 Pearson

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River						Left	6.84	03/30/2012 03/30/2012	Herman Phillips	

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
29	3.81	3.89	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.289027 ° -121.557542 °	38.288157 ° -121.556595 °	41
DWR ID: DWR_RD0551_01_s_2012_41										
30	5.07	5.08	Earthen Levee	Trim / Thin Trees	LS	N Ma	T5 : Tree stumps.	38.276587 ° -121.541173 °	38.276450 ° -121.541000 °	20
DWR ID: DWR_RD0551_01_s_2012_20										
31	5.10	5.14	Earthen Levee	Vegetation	LS	U En	V6 : Landscaping	38.276300 ° -121.540775 °	38.275875 ° -121.540232 °	19 Y
DWR ID: DWR_RD0551_01_s_2012_19										
32	5.64	5.67	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.270850 ° -121.533632 °	38.270543 ° -121.533202 °	13
DWR ID: DWR_RD0551_01_s_2012_13										
33	6.02	6.04	Earthen Levee	Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.267243 ° -121.528433 °	38.267083 ° -121.528262 °	16
DWR ID: DWR_RD0551_01_s_2012_16										

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Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.84	03/30/2012 03/30/2012	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation

RD 551 Looking downstream from waterside shoulder levee mile 0.00. Photo taken 3-30-2012.

phillips_s_20120330_382.jpg



Levee Mile Report Line	6
Start Levee Mile	0.20
End Levee Mile	0.20
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Landside levee mile 0.20 cut up tree sections on toe. Photo taken 12-01-2011.

phillips_s_20120306_229.jpg



Levee Mile Report Line	7
Start Levee Mile	0.20
End Levee Mile	0.20
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Tree stumps landward toe. Levee mile 0.20. Photo taken 12-01-2011.

phillips_s_20120306_232.jpg



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.84	03/30/2012 03/30/2012	Herman Phillips

Levee Mile Report Line	8
Start Levee Mile	0.22
End Levee Mile	0.22
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 0.22 landside. Photo taken 12-01-2011.

phillips_s_20120306_231.jpg



Levee Mile Report Line	18
Start Levee Mile	0.60
End Levee Mile	0.60
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Property owner has excavated into toe of levee section at base of structure. Photo taken 3-30-2012. This property has been sold to new owner. District will notify new owner to make repairs to damage.

phillips_s_20120330_380.jpg



Levee Mile Report Line	19
Start Levee Mile	0.70
End Levee Mile	0.73
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Gangway, wooden platform, and boat on berm and dock.

phillips_s_20120306_234.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.84	03/30/2012 03/30/2012	Herman Phillips

Levee Mile Report Line	19
Start Levee Mile	0.70
End Levee Mile	0.73
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Boat trailer and box trailer on landward shoulder.

phillips_s_20120306_235.jpg



Levee Mile Report Line	19
Start Levee Mile	0.70
End Levee Mile	0.73
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Boat and trailer on land side shoulder.

phillips_s_20120306_236.jpg



Levee Mile Report Line	19
Start Levee Mile	0.70
End Levee Mile	0.73
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Another view of the gangway and the platform.

phillips_s_20120306_237.jpg



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

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 0551 Pearson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.84	03/30/2012 03/30/2012	Herman Phillips

Levee Mile Report Line	20
Start Levee Mile	0.76
End Levee Mile	0.76
Location	Water Side
Category	Earthen Levee
Item	Encroachments

This stairway was placed on the levee section without a Rec. Board permit. In the far background is a wooden deck on the levee slope.

phillips_s_20120306_233.jpg



Levee Mile Report Line	31
Start Levee Mile	5.10
End Levee Mile	5.14
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 551 Levee mile 5.10 landward slope and shoulder unauthorized landscaping. Photo taken 3-30-2012.

phillips_s_20120330_383.jpg



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