

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2008 Levee Inspection Results

Reclamation District No. 0544

	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 2008 Levee Inspection Results
Reclamation District No. 0544**

Waterway		Bank	Unit Miles
Unit No. 01 San Joaquin River		Left	6.10

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/2/2008			
DWR Inspector	Richard Willoughby			
Accompanied By				
Unit Maintenance Rating (Fall Only)				

Check one:

During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.

During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :
 DWR Summer/Winter Inspection Reports
 3310 El Camino Avenue, Room LL-30
 Sacramento, CA 95821-9000.

X _____
 Signature of LMA Representative Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2008

Reclamation District No. 0544

Waterway				Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River				Left	6.10	04/02/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location*	Rating**	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.01	6.11	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	37.870290 ° -121.329755 °	37.808708 ° -121.328360 °		1
2	0.01	6.11	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.870292 ° -121.329757 °	37.808708 ° -121.328362 °		2
3	0.09	0.12	Earthen Levee	Encroachments	LS	M	Poles Inspector Comments: Crown of levee is approx. 25' to 30' wide	37.869295 ° -121.329088 °	37.868885 ° -121.328745 °		3
4	0.42	0.44	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.865060 ° -121.327223 °	37.864862 ° -121.326917 °		4
5	0.48	0.49	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.864643 ° -121.326363 °	37.864592 ° -121.326165 °		5
6	0.52	0.54	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.864498 ° -121.325692 °	37.864448 ° -121.325400 °		6
7	0.57	0.57	Earthen Levee	Slope Stability	WS	M	Repair slope instability.	37.864357 ° -121.324860 °	37.864357 ° -121.324860 °	Y	7
8	1.66	1.66	Earthen Levee	Encroachments	LS	M	Prunings	37.854775 ° -121.322668 °	37.854775 ° -121.322668 °		8
9	2.45	2.45	Earthen Levee	Encroachments	LS	M	Material Inspector Comments: Material at toe	37.846150 ° -121.323583 °	37.846150 ° -121.323583 °		9
10	3.56	3.56	Earthen Levee	Encroachments	WS	M	Garbage	37.833153 ° -121.314433 °	37.833153 ° -121.314433 °	Y	10
11	4.05	4.16	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.826815 ° -121.310815 °	37.825790 ° -121.312027 °		11
12	4.50	4.69	Earthen Levee	Encroachments	WS	M	Prunings	37.823118 ° -121.316393 °	37.821958 ° -121.319592 °		12
13	4.70	4.70	Earthen Levee	Encroachments	LS	M	Garbage	37.821932 ° -121.319683 °	37.821932 ° -121.319683 °		13
14	4.86	4.86	Earthen Levee	Encroachments	LS	M	Tree or limb	37.820303 ° -121.321150 °	37.820303 ° -121.321150 °	Y	14
15	4.88	4.90	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.820025 ° -121.321015 °	37.819845 ° -121.320898 °		15
16	5.02	5.33	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	37.818697 ° -121.319390 °	37.814522 ° -121.320248 °		16
17	5.05	5.05	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	37.818152 ° -121.319095 °	37.818152 ° -121.319095 °		17
18	5.54	5.60	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	37.812033 ° -121.319737 °	37.811687 ° -121.320677 °		18
19	5.71	5.75	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.811162 ° -121.322560 °	37.811168 ° -121.323268 °		19

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2008

Reclamation District No. 0544

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River	Left	6.10	04/02/2008	Richard Willoughby

Levee Mile Report Line	7
Start Levee Mile	0.57
End Levee Mile	0.57
Location	
Category	Earthen Levee
Item	Slope Stability
Erosion around siphon pipe at LM 0.57	



Levee Mile Report Line	10
Start Levee Mile	3.56
End Levee Mile	3.56
Location	
Category	Earthen Levee
Item	Encroachments
Garbage at waterward berm at LM 3.56	



Levee Mile Report Line	14
Start Levee Mile	4.86
End Levee Mile	4.86
Location	
Category	Earthen Levee
Item	Encroachments
Tree limbs on landward slope and toe at LM 4.86	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>
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**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Spring 2008 Levee Inspection Results
Reclamation District No. 0544**

Waterway		Bank	Unit Miles
Unit No. 02 Old River		Right	4.20

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/2/2008			
DWR Inspector	Richard Willoughby			
Accompanied By				
Unit Maintenance Rating (Fall Only)				

Check one:

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X _____
Signature of LMA Representative Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2008

Reclamation District No. 0544

Waterway				Bank	Unit Miles	Inspection Date	Inspector				
Unit No. 02 Old River				Right	4.20	04/02/2008	Richard Willoughby				
LMR Line	Levee Mile		Category	Item	Location*	Rating**	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.01	0.06	Earthen Levee	Crown Surface / Depressions / Rutting	CR	A	Add appropriate gravel or road base. Grade and compact.	37.808623 ° -121.328492 °	37.808520 ° -121.329327 °		3
2	0.01	4.22	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.808650 ° -121.328492 °	37.822607 ° -121.374655 °		2
3	0.01	4.22	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	37.808650 ° -121.328492 °	37.822607 ° -121.374655 °		1
4	0.41	0.41	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	37.809788 ° -121.334727 °	37.809788 ° -121.334727 °		4
5	0.74	0.74	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	37.814333 ° -121.334592 °	37.814333 ° -121.334592 °		5
6	1.03	1.03	Earthen Levee	Encroachments	WS	M	Garbage	37.818055 ° -121.332690 °	37.818055 ° -121.332690 °		6
7	1.23	1.23	Earthen Levee	Encroachments	LS	M	Prunings	37.820235 ° -121.335127 °	37.820235 ° -121.335127 °		7
8	1.26	1.32	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	37.820363 ° -121.335603 °	37.820748 ° -121.336545 °		8
9	1.32	1.38	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.820777 ° -121.336593 °	37.821223 ° -121.337478 °		9
10	1.41	1.41	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	37.821423 ° -121.337878 °	37.821423 ° -121.337878 °		10
11	1.49	1.53	Earthen Levee	Crown Surface / Depressions / Rutting	CR	A	Add appropriate gravel or road base. Grade and compact.	37.822170 ° -121.339028 °	37.822435 ° -121.339823 °		11
12	1.90	1.97	Earthen Levee	Encroachments	LS	M	Garbage	37.817900 ° -121.341685 °	37.818010 ° -121.342482 °	Y	12
13	2.11	2.12	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	37.819337 ° -121.344275 °	37.819460 ° -121.344492 °		13
14	2.15	2.24	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.819683 ° -121.344822 °	37.820612 ° -121.345942 °		14
15	2.65	2.65	Earthen Levee	Encroachments	CR	M	Pipe	37.818867 ° -121.350393 °	37.818867 ° -121.350393 °	Y	15
16	2.74	2.74	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.817860 ° -121.351428 °	37.817860 ° -121.351428 °		16
17	2.84	2.84	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.817170 ° -121.352960 °	37.817170 ° -121.352960 °		17
18	3.29	3.29	Earthen Levee	Encroachments	WS	M	Garbage	37.819188 ° -121.359932 °	37.819188 ° -121.359932 °	Y	18

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2008

Reclamation District No. 0544

Waterway				Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Old River				Right	4.20	04/02/2008	Richard Willoughby

LMR Line	Levee Mile		Category	Item	Location*	Rating**	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
19	3.53	3.84	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.819533 ° -121.364058 °	37.821123 ° -121.368640 °		19
20	3.54	3.56	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	37.819512 ° -121.364215 °	37.819483 ° -121.364647 °	Y	20
21	3.54	3.60	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.819512 ° -121.364217 °	37.819443 ° -121.365297 °		21

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2008

Reclamation District No. 0544

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Old River	Right	4.20	04/02/2008	Richard Willoughby

Levee Mile Report Line	12
Start Levee Mile	1.90
End Levee Mile	1.97
Location	
Category	Earthen Levee
Item	Encroachments
Garbage on landward slope from LM 1.90 to 1.97	



Levee Mile Report Line	15
Start Levee Mile	2.65
End Levee Mile	2.65
Location	
Category	Earthen Levee
Item	Encroachments
Abandoned pipe at LM 2.65 landside view	



Levee Mile Report Line	18
Start Levee Mile	3.29
End Levee Mile	3.29
Location	
Category	Earthen Levee
Item	Encroachments
Garbage on waterwade shoulder at LM 3.29	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2008

Reclamation District No. 0544

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Old River	Right	4.20	04/02/2008	Richard Willoughby

Levee Mile Report Line	20
Start Levee Mile	3.54
End Levee Mile	3.56
Location	
Category	Earthen Levee
Item	Vegetation
Cactus at landward toe from LM 3.54 to 3.56	



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