

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2013 Levee Inspection Results****Brannan Andrus Levee Maintenance District**

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

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

*

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

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

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 Levee Inspection Results

Brannan Andrus Levee Maintenance District

Waterway			Bank	Unit Miles
Unit No. 01 Georgiana Slough			Right	6.02
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/03/2013 - 04/03/2013			
DWR Inspector	Richard Willoughby			
Accompanied By	Gilbert Labrie DCC Engineering Co, Inc			

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 2013

Brannan Andrus Levee Maintenance District

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough				Right	6.02	04/03/2013 04/03/2013	Richard Willoughby

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End					Start	End	Photo
1				Flood Preparedness & Training	LS M Ma		°	°	27
DWR ID: DWR_NA0002_01_s_2012_27									
2				Operations & Maintenance Manuals	LS A Ma		°	°	32
DWR ID: DWR_NA0002_01_s_2013_32									
3				Emergency Supplies & Equipment	LS A Ma		°	°	33
DWR ID: DWR_NA0002_01_s_2013_33									
4	0.00	6.00		Vegetation	WS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.186432 ° -121.562675 °	38.129602 ° -121.578628 °	20
DWR ID: DWR_NA0002_01_s_2013_20									
5	0.00	6.00		Vegetation	LS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.186427 ° -121.562678 °	38.129598 ° -121.578642 °	5
DWR ID: DWR_NA0002_01_s_2013_5									
6	0.50	0.75		Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild roses or berry vines at landside toe.	38.182702 ° -121.570497 °	38.182198 ° -121.574877 °	1 Y
DWR ID: DWR_NA0002_01_s_2012_1									
7	1.58	1.58		Trim / Thin Trees	LS M Ma	T1 : Trim trees to at least five feet above ground level.	38.170425 ° -121.581080 °	38.172887 ° -121.580590 °	25 Y
DWR ID: DWR_NA0002_01_s_2012_25									
8	2.20	2.22		Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild rose on landside slope and toe.	38.164138 ° -121.584078 °	38.163797 ° -121.584225 °	26
DWR ID: DWR_NA0002_01_s_2013_26									
9	2.25	2.25		Trim / Thin Trees	LS A/W Ma	T1 : Trim trees to at least five feet above ground level.	38.163460 ° -121.584406 °	38.163460 ° -121.584406 °	6
DWR ID: DWR_NA0002_01_s_2012_6									
10	2.29	2.34		Vegetation	LS U En	V6 : Landscaping	38.162918 ° -121.584721 °	38.162322 ° -121.585081 °	36 Y
DWR ID: DWR_NA0002_01_s_2012_36									
11	2.30	2.30		Encroachments	WS M Ma	FW : Firewood	38.162773 ° -121.584767 °	38.162773 ° -121.584767 °	3 Y
DWR ID: DWR_NA0002_01_s_2012_3									
12	2.36	2.36		Animal Control	LS M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.162004 ° -121.585229 °	38.162004 ° -121.585229 °	7
DWR ID: DWR_NA0002_01_s_2012_7									
13	2.39	2.39		Encroachments	LS M Ma	GA : Garbage	38.161573 ° -121.585720 °	38.161573 ° -121.585720 °	8 Y
DWR ID: DWR_NA0002_01_s_2013_8									

*** 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

Brannan Andrus Levee Maintenance District

LMR No.	Levee Mile		Category	Item	* Location	Rating + + +	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
14	2.45	2.56		Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild rose on landside slope and toe.	38.160805 ° -121.585782 °	38.159235 ° -121.586472 °	28
DWR ID: DWR_NA0002_01_s_2013_28										
15	3.32	3.35		Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild roses on landside slope.	38.152052 ° -121.591500 °	38.151683 ° -121.591662 °	29 Y
DWR ID: DWR_NA0002_01_s_2013_29										
16	3.46	3.82		Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Willows on waterside slope.	38.151572 ° -121.593488 °	38.149813 ° -121.598913 °	30
DWR ID: DWR_NA0002_01_s_2013_30										
17	3.62	3.62		Trim / Thin Trees	LS	A/W Ma	T1 : Trim trees to at least five feet above ground level.	38.151744 ° -121.596425 °	38.151744 ° -121.596425 °	9
DWR ID: DWR_NA0002_01_s_2012_9										
18	3.75	3.75		Encroachments	WSA/W	Ma	TR : Tree or limb Inspector Comments: Downed tree on waterside slope.	38.150573 ° -121.598352 °	38.150573 ° -121.598352 °	22
DWR ID: DWR_NA0002_01_s_2012_22										
19	3.93	3.93		Vegetation	WSA/W	Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.148379 ° -121.599970 °	38.148379 ° -121.599970 °	10 Y
DWR ID: DWR_NA0002_01_s_2012_10										
20	3.93	3.97		Vegetation	LS	U En	V6 : Landscaping	38.148318 ° -121.599947 °	38.147898 ° -121.600347 °	11 Y
DWR ID: DWR_NA0002_01_s_2012_11										
21	4.18	4.20		Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.145094 ° -121.601585 °	38.144817 ° -121.601477 °	12
DWR ID: DWR_NA0002_01_s_2012_12										
22	4.25	4.28		Trim / Thin Trees	WS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.144134 ° -121.601177 °	38.143747 ° -121.600924 °	13
DWR ID: DWR_NA0002_01_s_2012_13										
23	4.36	4.36		Trim / Thin Trees	WSA/W	Ma	T1 : Trim trees to at least five feet above ground level.	38.142838 ° -121.600163 °	38.142838 ° -121.600163 °	21
DWR ID: DWR_NA0002_01_s_2012_21										
24	4.78	4.78		Encroachments	LS	M En	GA : Garbage Inspector Comments: Landowner stockpile wooden beams on landside shoulder.	38.137478 ° -121.596512 °	38.137472 ° -121.596512 °	24 Y
DWR ID: DWR_NA0002_01_s_2012_24										
25	4.98	4.98		Trim / Thin Trees	WSA/W	Ma	T4 : Trim trees over roadway to at least 12 feet above ground level.	38.135158 ° -121.594198 °	38.135158 ° -121.594198 °	14
DWR ID: DWR_NA0002_01_s_2012_14										
26	5.11	5.11		Trim / Thin Trees	WS	M Ma	T4 : Trim trees over roadway to at least 12 feet above ground level.	38.133759 ° -121.592598 °	38.133759 ° -121.592598 °	15
DWR ID: DWR_NA0002_01_s_2012_15										
27	5.17	5.17		Trim / Thin Trees	WS	M Ma	T4 : Trim trees over roadway to at least 12 feet above ground level.	38.133145 ° -121.591895 °	38.133145 ° -121.591895 °	31
DWR ID: DWR_NA0002_01_s_2013_31										

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough				Right	6.02	04/03/2013 04/03/2013	Richard Willoughby

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
28	5.25	5.25		Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.132238 ° -121.590897 °	38.132238 ° -121.590897 °	16
DWR ID: DWR_NA0002_01_s_2012_16										
29	5.33	5.33		Trim / Thin Trees	WS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.131327 ° -121.589980 °	38.131327 ° -121.589980 °	2
DWR ID: DWR_NA0002_01_s_2012_2										
30	5.42	5.42		Encroachments	LS A/W	Ma	TR : Tree or limb Inspector Comments: Tree limb on landside slope.	38.130355 ° -121.588942 °	38.130355 ° -121.588942 °	4 Y
DWR ID: DWR_NA0002_01_s_2012_4										
31	5.46	5.57		Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove vegetation at landside toe.	38.129810 ° -121.588218 °	38.129325 ° -121.586448 °	23 Y
DWR ID: DWR_NA0002_01_s_2012_23										
32	5.63	5.67		Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild roses or berry vines on waterside slope.	38.129240 ° -121.585328 °	38.129252 ° -121.584723 °	18 Y
DWR ID: DWR_NA0002_01_s_2012_18										
33	5.69	5.69		Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Willows on waterside slope	38.129307 ° -121.584253 °	38.129307 ° -121.584253 °	19
DWR ID: DWR_NA0002_01_s_2012_19										
34	5.79	5.81		Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.129537 ° -121.582760 °	38.129599 ° -121.582155 °	17
DWR ID: DWR_NA0002_01_s_2012_17										

*** 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 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	6.02	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	6
Start Levee Mile	0.50
End Levee Mile	0.75
Location	Land Side
Category	
Item	Vegetation
Looking southwest at wild roses or berry vines on landside toe.	
richard_s_20130304_001.jpg	



Levee Mile Report Line	7
Start Levee Mile	1.58
End Levee Mile	1.58
Location	Land Side
Category	
Item	Trim / Thin Trees
Looking southwest at untrimmed tree on landward slope and toe.	
richard_s_20130404_056.JPG	



Levee Mile Report Line	10
Start Levee Mile	2.29
End Levee Mile	2.34
Location	Land Side
Category	
Item	Vegetation
Looking south at dense landscape on waterside and landside of levee.	
richard_s_20130304_014.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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	6.02	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	10
Start Levee Mile	2.29
End Levee Mile	2.34
Location	Land Side
Category	
Item	Vegetation

Looking west at ground cover on landside slope.

richard_s_20130304_015.jpg



Levee Mile Report Line	10
Start Levee Mile	2.29
End Levee Mile	2.34
Location	Land Side
Category	
Item	Vegetation

Looking north at dense vegetation on waterside slope.

richard_s_20130304_016.jpg



Levee Mile Report Line	10
Start Levee Mile	2.29
End Levee Mile	2.34
Location	Land Side
Category	
Item	Vegetation

Looking south at dense oleander on waterside shoulder spring 2012

richard_s_20130304_017.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	6.02	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	11
Start Levee Mile	2.30
End Levee Mile	2.30
Location	Water Side
Category	
Item	Encroachments
Looking east at firewood on waterside shoulder.	
richard_s_20130304_002.jpg	



Levee Mile Report Line	11
Start Levee Mile	2.30
End Levee Mile	2.30
Location	Water Side
Category	
Item	Encroachments
Looking south at firewood on waterside shoulder.	
richard_s_20130304_003.jpg	



Levee Mile Report Line	11
Start Levee Mile	2.30
End Levee Mile	2.30
Location	Water Side
Category	
Item	Encroachments
Looking southeast at firewood on waterside shoulder.	
richard_s_20130304_004.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	6.02	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	13
Start Levee Mile	2.39
End Levee Mile	2.39
Location	Land Side
Category	
Item	Encroachments
Looking northeast at garbage at landward toe.	
richard_s_20130404_057.JPG	



Levee Mile Report Line	15
Start Levee Mile	3.32
End Levee Mile	3.35
Location	Land Side
Category	
Item	Vegetation
Looking south at wild roses on landward slope and toe.	
richard_s_20130404_058.JPG	



Levee Mile Report Line	19
Start Levee Mile	3.93
End Levee Mile	3.93
Location	Water Side
Category	
Item	Vegetation
Looking west at dense vegetation on waterside slope.	
richard_s_20130304_006.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	6.02	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	19
Start Levee Mile	3.93
End Levee Mile	3.93
Location	Water Side
Category	
Item	Vegetation

Looking west at dense vegetation on waterside slope spring 2012.

richard_s_20130304_007.jpg



Levee Mile Report Line	19
Start Levee Mile	3.93
End Levee Mile	3.93
Location	Water Side
Category	
Item	Vegetation

Looking south at dead willows on waterward slope. (Spring 2013)

richard_s_20130404_059.JPG



Levee Mile Report Line	20
Start Levee Mile	3.93
End Levee Mile	3.97
Location	Land Side
Category	
Item	Vegetation

Looking northeast at landscape on landside slope.

richard_s_20130304_008.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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	6.02	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	20
Start Levee Mile	3.93
End Levee Mile	3.97
Location	Land Side
Category	
Item	Vegetation
Looking west at dense landscape on landside slope.	
richard_s_20130304_009.jpg	



Levee Mile Report Line	20
Start Levee Mile	3.93
End Levee Mile	3.97
Location	Land Side
Category	
Item	Vegetation
Looking south at brushes on landside shoulder and slope.	
richard_s_20130304_010.jpg	



Levee Mile Report Line	24
Start Levee Mile	4.78
End Levee Mile	4.78
Location	Land Side
Category	
Item	Encroachments
Looking northwest at wooden boards on landside shoulder.	
richard_s_20130304_013.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	6.02	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	30
Start Levee Mile	5.42
End Levee Mile	5.42
Location	Land Side
Category	
Item	Encroachments

Looking southwest downed tree limb on landside slope.

richard_s_20130304_005.jpg



Levee Mile Report Line	31
Start Levee Mile	5.46
End Levee Mile	5.57
Location	Land Side
Category	
Item	Vegetation

Looking south at trees and berry vines and wild rose on landside toe.

richard_s_20130304_012.jpg



Levee Mile Report Line	32
Start Levee Mile	5.63
End Levee Mile	5.67
Location	Water Side
Category	
Item	Vegetation

Looking south at dense vegetation on waterside slope.

richard_s_20130304_011.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 Levee Inspection Results

Brannan Andrus Levee Maintenance District

Waterway			Bank	Unit Miles
Unit No. 02 Sacramento River			Left	13.30
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/03/2013 - 04/03/2013			
DWR Inspector	Richard Willoughby			
Accompanied By	Gilbert Labrie DCC Engineering Co, Inc			

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 2013

Brannan Andrus Levee Maintenance District

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River				Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End					Start	End	Photo
1	0.00	10.28		Vegetation	WS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	° 38.123047 ° ° -121.690318 °		46
DWR ID: DWR_NA0002_02_s_2013_46									
2	0.00	10.28		Vegetation	LS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	° 38.123047 ° ° -121.690325 °		45
DWR ID: DWR_NA0002_02_s_2013_45									
3	0.42	0.42		Encroachments	LS M En	FE : Fence	38.189212 ° 38.189212 ° -121.574757 ° -121.574757 °		26 Y
DWR ID: DWR_NA0002_02_s_2012_26									
4	0.67	0.67		Trim / Thin Trees	LS A/W Ma	T1 : Trim trees to at least five feet above ground level.	38.187486 ° 38.187486 ° -121.578783 ° -121.578783 °		1
DWR ID: DWR_NA0002_02_s_2012_1									
5	0.78	0.83		Trim / Thin Trees	WSA/W Ma	T1 : Trim trees to at least five feet above ground level.	38.186535 ° 38.186103 ° -121.580395 ° -121.581127 °		2 Y
DWR ID: DWR_NA0002_02_s_2012_2									
6	0.81	0.83		Vegetation	LS M En	V6 : Landscaping	38.186455 ° 38.186215 ° -121.580712 ° -121.581060 °		8 Y
DWR ID: DWR_NA0002_02_s_2012_8									
7	1.44	1.44		Trim / Thin Trees	LS A/W Ma	T1 : Trim trees to at least five feet above ground level.	38.178950 ° 38.178950 ° -121.587717 ° -121.587717 °		27 Y
DWR ID: DWR_NA0002_02_s_2012_27									
8	1.55	1.56		Vegetation	WSA/W Ma	V4 : Elderberries are blocking visibility and flood fight capability.	38.174643 ° 38.174642 ° -121.659695 ° -121.659688 °		43
DWR ID: DWR_NA0002_02_s_2012_43									
9	1.59	1.61		Vegetation	LS M En	V6 : Landscaping	38.177105 ° 38.176837 ° -121.589058 ° -121.589225 °		35
DWR ID: DWR_NA0002_02_s_2012_35									
10	1.64	1.64		Trim / Thin Trees	LS M Ma	T1 : Trim trees to at least five feet above ground level.	38.176486 ° 38.176486 ° -121.589445 ° -121.589445 °		3
DWR ID: DWR_NA0002_02_s_2012_3									
11	1.81	1.81		Vegetation	LS M En	V6 : Landscaping	38.174302 ° 38.174302 ° -121.590863 ° -121.590863 °		28
DWR ID: DWR_NA0002_02_s_2012_28									
12	1.83	1.83		Encroachments	LS U En	BU : Building	38.174030 ° 38.174030 ° -121.590963 ° -121.590963 °		34 Y
DWR ID: DWR_NA0002_02_s_2012_34									
13	1.84	1.84		Trim / Thin Trees	LS A/W Ma	T1 : Trim trees to at least five feet above ground level.	38.173905 ° 38.173905 ° -121.591082 ° -121.591082 °		4
DWR ID: DWR_NA0002_02_s_2012_4									
14	1.91	1.95		Vegetation	LS U En	V6 : Landscaping	38.173120 ° 38.172598 ° -121.591505 ° -121.591853 °		12 Y
DWR ID: DWR_NA0002_02_s_2012_12									
15	2.34	2.38		Trim / Thin Trees	LS M Ma	T1 : Trim trees to at least five feet above ground level.	38.167627 ° 38.167152 ° -121.595538 ° -121.595997 °		25
DWR ID: DWR_NA0002_02_s_2012_25									

* 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
--	---	---

Brannan Andrus Levee Maintenance District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 Sacramento River				Left	13.30	04/03/2013 04/03/2013	Richard Willoughby	

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
27	4.04	4.15		Vegetation	LS	U	V6 : Landscaping	38.164498 ° -121.624343 °	38.165167 ° -121.626273 °	59 Y
En								DWR ID: DWR_NA0002_02_s_2012_59		
28	4.47	4.47		Trim / Thin Trees	LS	A/W	T1 : Trim trees to at least five feet above ground level.	38.167135 ° -121.631662 °	38.167135 ° -121.631662 °	32 Y
Ma								DWR ID: DWR_NA0002_02_s_2012_32		
29	4.59	4.59		Encroachments	LS	M	TR : Tree or limb	38.167650 ° -121.633770 °	38.167650 ° -121.633770 °	53 Y
				Inspector Comments: Broken tree limb on landside slope and toe.				DWR ID: DWR_NA0002_02_s_2013_53		
30	5.19	5.43		Trim / Thin Trees	WS	U	T1 : Trim trees to at least five feet above ground level.	38.171455 ° -121.643229 °	38.171800 ° -121.647447 °	9 Y
Ma								DWR ID: DWR_NA0002_02_s_2012_9		
31	5.59	5.59		Trim / Thin Trees	WSA/W	U	T1 : Trim trees to at least five feet above ground level.	38.172019 ° -121.650327 °	38.172019 ° -121.650327 °	10 Y
Ma								DWR ID: DWR_NA0002_02_s_2012_10		
32	5.66	5.70		Vegetation	WSA/W	U	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.172308 ° -121.651552 °	38.172497 ° -121.652243 °	11 Y
Ma								DWR ID: DWR_NA0002_02_s_2012_11		
33	5.68	5.73	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009 - Tension cracks on road on top of levee. Erosion into the levee slope with large mass failure scallop. 2010 - Site extended further upstream to account for additional erosion. Very steep slope with slumping. 2012: No observed change. [2012 Site ID: SAC_15-0_L]	38.172580 ° -121.651821 °	38.172733 ° -121.652499 °	21 Y
Ma								DWR ID: DWR_NA0002_02_s_2013_21		
34	5.68	5.71		Trim / Thin Trees	LS	M	T1 : Trim trees to at least five feet above ground level.	38.172388 ° -121.651892 °	38.172512 ° -121.652322 °	36 Y
Ma								DWR ID: DWR_NA0002_02_s_2012_36		
35	5.70	5.70		Encroachments	LS	M	BU : Building	38.172442 ° -121.652182 °	38.172442 ° -121.652182 °	51 Y
				Inspector Comments: Tool shed and animal pen at landside toe.				DWR ID: DWR_NA0002_02_s_2013_51		
36	5.70	5.70		Vegetation	LS	M	V6 : Landscaping	38.172457 ° -121.652188 °	38.172457 ° -121.652188 °	52 Y
				Inspector Comments: Remove cactus from landside slope.				DWR ID: DWR_NA0002_02_s_2013_52		
37	5.82	6.15		Vegetation	LS	A/W	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.173130 ° -121.654285 °	38.174559 ° -121.659867 °	13 Y
Ma								DWR ID: DWR_NA0002_02_s_2012_13		
38	6.29	6.29		Vegetation	LS	U	V6 : Landscaping	38.173922 ° -121.662272 °	38.173922 ° -121.662272 °	50 Y
En								DWR ID: DWR_NA0002_02_s_2013_50		
39	6.35	6.38		Trim / Thin Trees	LS	A/W	T1 : Trim trees to at least five feet above ground level.	38.173586 ° -121.663297 °	38.173391 ° -121.663786 °	14 Y
Ma								DWR ID: DWR_NA0002_02_s_2012_14		
40	6.82	6.82		Encroachments	LS	U	FE : Fence	38.169008 ° -121.669420 °	38.169008 ° -121.669420 °	42 Y
En								DWR ID: DWR_NA0002_02_s_2012_42		

*** 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

Brannan Andrus Levee Maintenance District

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
41	6.97	7.03	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2011 - Large section of bank slumped off. 2012: No observed change. [2012 Site ID: SAC_13-6_L]	38.166583 ° -121.670684 °	38.165794 ° -121.671014 °	23 Y
								DWR ID: DWR_NA0002_02_s_2013_23		
42	7.63	7.63		Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.157930 ° -121.675528 °	38.157930 ° -121.675528 °	49 Y
								DWR ID: DWR_NA0002_02_s_2013_49		
43	7.66	7.66		Encroachments	LS	A/W Ma	PR : Prunings	38.157055 ° -121.675445 °	38.157055 ° -121.675445 °	24 Y
								DWR ID: DWR_NA0002_02_s_2012_24		
44	8.26	8.50	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2010 - Small inlet area behind a man-built spit. Bank is slumping and could possibly be fixed with maintenance. 2011 - Site continues to worsen. 2012: No observed change. [2012 Site ID: SAC_12-1_L]	38.151867 ° -121.682201 °	38.148711 ° -121.682790 °	37 Y
								DWR ID: DWR_NA0002_02_s_2013_37		
45	8.35	8.71		Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.150112 ° -121.682305 °	38.144977 ° -121.683345 °	44 Y
								DWR ID: DWR_NA0002_02_s_2012_44		
46	8.46	8.46		Encroachments	WS	M Ma	TR : Tree or limb	38.148323 ° -121.682548 °	38.148323 ° -121.682548 °	33 Y
								DWR ID: DWR_NA0002_02_s_2012_33		
47	8.68	8.89		Trim / Thin Trees	LS	U Ma	T1 : Trim trees to at least five feet above ground level.	38.145368 ° -121.683072 °	38.142430 ° -121.683978 °	48 Y
								DWR ID: DWR_NA0002_02_s_2013_48		
48	8.93	8.93		Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.141928 ° -121.684308 °	38.141928 ° -121.684308 °	47 Y
								DWR ID: DWR_NA0002_02_s_2013_47		
49	8.95	9.17	Supplemental	USACE Erosion Survey	WS	U Ma	Inspector Comments: 2008 - Erosion causing vertical bank at the highway on top of levee. The whole bank along the highway should be repaired. 2009 - Minimal new erosion. 2011 - Bank continues to slowly erode. 2012: Upgrade to critical, new erosion since lat year and steeper slopes in sections. [2012 Site ID: SAC_11-2_L]	38.141399 ° -121.685346 °	38.138158 ° -121.686531 °	38 Y
								DWR ID: DWR_NA0002_02_s_2013_38		
50	9.42	9.42		Trim / Thin Trees	WSA/W	Ma	T1 : Trim trees to at least five feet above ground level.	38.135106 ° -121.686065 °	38.135106 ° -121.686065 °	15 Y
								DWR ID: DWR_NA0002_02_s_2012_15		
51	9.68	9.74		Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.131448 ° -121.686432 °	38.130537 ° -121.686737 °	16 Y
								DWR ID: DWR_NA0002_02_s_2012_16		

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	3
Start Levee Mile	0.42
End Levee Mile	0.42
Location	Land Side
Category	
Item	Encroachments

Looking northeast at fence on landward shoulder and slope.

richard_s_20130404_055.JPG



Levee Mile Report Line	5
Start Levee Mile	0.78
End Levee Mile	0.83
Location	Water Side
Category	
Item	Trim / Thin Trees

Looking south at dense vegetation on waterside slope.

richard_s_20130304_018.jpg



Levee Mile Report Line	6
Start Levee Mile	0.81
End Levee Mile	0.83
Location	Land Side
Category	
Item	Vegetation

Landscaping on landside slope blocking view of slope from LM .81 to 0.83.

richard_s_20130304_020.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	6
Start Levee Mile	0.81
End Levee Mile	0.83
Location	Land Side
Category	
Item	Vegetation

Looking southeast at dense landscaping on landside slope.

richard_s_20130304_021.jpg



Levee Mile Report Line	7
Start Levee Mile	1.44
End Levee Mile	1.44
Location	Land Side
Category	
Item	Trim / Thin Trees

Looking southeast at dense trees on landside toe.

richard_s_20130304_046.jpg



Levee Mile Report Line	12
Start Levee Mile	1.83
End Levee Mile	1.83
Location	Land Side
Category	
Item	Encroachments

Looking northeast pump shed on landside toe.

richard_s_20130304_047.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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	12
Start Levee Mile	1.83
End Levee Mile	1.83
Location	Land Side
Category	
Item	Encroachments

Looking southeast at pump shed and landscaping on landside slope and toe.

richard_s_20130304_048.jpg



Levee Mile Report Line	14
Start Levee Mile	1.91
End Levee Mile	1.95
Location	Land Side
Category	
Item	Vegetation

Landscaping on landside slope blocking view of slope from LM 1.91 to 1.95.

richard_s_20130304_024.jpg



Levee Mile Report Line	14
Start Levee Mile	1.91
End Levee Mile	1.95
Location	Land Side
Category	
Item	Vegetation

Looking south at dense landscaping on landside slope and toe.

richard_s_20130304_025.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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	17
Start Levee Mile	2.59
End Levee Mile	2.63
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

richard_s_20130304_027.jpg



Levee Mile Report Line	17
Start Levee Mile	2.59
End Levee Mile	2.63
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

richard_s_20130304_028.jpg



Levee Mile Report Line	18
Start Levee Mile	2.66
End Levee Mile	2.74
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

richard_s_20130304_029.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	18
Start Levee Mile	2.66
End Levee Mile	2.74
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

richard_s_20130304_030.jpg



Levee Mile Report Line	20
Start Levee Mile	3.17
End Levee Mile	3.17
Location	Water Side
Category	
Item	Trim / Thin Trees

Looking south at overhanging tree on waterside shoulder.

richard_s_20130304_019.jpg



Levee Mile Report Line	23
Start Levee Mile	3.40
End Levee Mile	3.57
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

richard_s_20130304_031.jpg

*** Location**

LS : Land Side
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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	23
Start Levee Mile	3.40
End Levee Mile	3.57
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

richard_s_20130304_032.jpg



Levee Mile Report Line	23
Start Levee Mile	3.40
End Levee Mile	3.57
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

richard_s_20130304_033.jpg



Levee Mile Report Line	23
Start Levee Mile	3.40
End Levee Mile	3.57
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #4

richard_s_20130304_034.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	25
Start Levee Mile	3.61
End Levee Mile	3.72
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

richard_s_20130304_035.jpg



Levee Mile Report Line	25
Start Levee Mile	3.61
End Levee Mile	3.72
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

richard_s_20130304_036.jpg



Levee Mile Report Line	25
Start Levee Mile	3.61
End Levee Mile	3.72
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

richard_s_20130304_037.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	27
Start Levee Mile	4.04
End Levee Mile	4.15
Location	Land Side
Category	
Item	Vegetation

Looking south at dense landscaping on landward slope.

richard_s_20130404_054.JPG



Levee Mile Report Line	29
Start Levee Mile	4.59
End Levee Mile	4.59
Location	Land Side
Category	
Item	Encroachments

Looking northeast at broken tree limb on landward slope and toe.

richard_s_20130404_053.JPG



Levee Mile Report Line	30
Start Levee Mile	5.19
End Levee Mile	5.43
Location	Water Side
Category	
Item	Trim / Thin Trees

Looking southeast at dense trees on landside slope and toe.

richard_s_20130304_022.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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	30
Start Levee Mile	5.19
End Levee Mile	5.43
Location	Water Side
Category	
Item	Trim / Thin Trees

Looking west at dense trees on waterward should and slope.

richard_s_20130404_051.JPG



Levee Mile Report Line	30
Start Levee Mile	5.19
End Levee Mile	5.43
Location	Water Side
Category	
Item	Trim / Thin Trees

Looking northwest at dense trees on waterward shoulder and slope.

richard_s_20130404_052.JPG



Levee Mile Report Line	32
Start Levee Mile	5.66
End Levee Mile	5.70
Location	Water Side
Category	
Item	Vegetation

Looking northwest at compliant vegetation on waterside slope.

richard_s_20130304_023.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	33
Start Levee Mile	5.68
End Levee Mile	5.73
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

richard_s_20130304_038.jpg



Levee Mile Report Line	33
Start Levee Mile	5.68
End Levee Mile	5.73
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

richard_s_20130304_039.jpg



Levee Mile Report Line	33
Start Levee Mile	5.68
End Levee Mile	5.73
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

richard_s_20130304_040.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	35
Start Levee Mile	5.70
End Levee Mile	5.70
Location	Land Side
Category	
Item	Encroachments
Looking east tool shed and animal corral on landward slope and toe.	
richard_s_20130404_050.JPG	



Levee Mile Report Line	37
Start Levee Mile	5.82
End Levee Mile	6.15
Location	Land Side
Category	
Item	Vegetation
Looking southeast at vegetation complies on landside slope.	
richard_s_20130304_026.JPG	



Levee Mile Report Line	38
Start Levee Mile	6.29
End Levee Mile	6.29
Location	Land Side
Category	
Item	Vegetation
Looking north at dense landscaping on landward slope.	
richard_s_20130404_048.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	38
Start Levee Mile	6.29
End Levee Mile	6.29
Location	Land Side
Category	
Item	Vegetation

Looking south at dense landscaping on landward slope.

richard_s_20130404_049.JPG



Levee Mile Report Line	40
Start Levee Mile	6.82
End Levee Mile	6.82
Location	Land Side
Category	
Item	Encroachments

Brick wall on landside shoulder at LM 6.82.

richard_s_20130304_057.jpg



Levee Mile Report Line	41
Start Levee Mile	6.97
End Levee Mile	7.03
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

richard_s_20130304_041.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	41
Start Levee Mile	6.97
End Levee Mile	7.03
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

richard_s_20130304_042.jpg



Levee Mile Report Line	41
Start Levee Mile	6.97
End Levee Mile	7.03
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

richard_s_20130304_043.jpg



Levee Mile Report Line	43
Start Levee Mile	7.66
End Levee Mile	7.66
Location	Land Side
Category	
Item	Encroachments

Looking west at prunings on landside toe.

richard_s_20130304_044.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	43
Start Levee Mile	7.66
End Levee Mile	7.66
Location	Land Side
Category	
Item	Encroachments

Looking south at prunings on landside toe.

richard_s_20130304_045.jpg



Levee Mile Report Line	44
Start Levee Mile	8.26
End Levee Mile	8.50
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

richard_s_20130304_049.jpg



Levee Mile Report Line	44
Start Levee Mile	8.26
End Levee Mile	8.50
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

richard_s_20130304_050.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	45
Start Levee Mile	8.35
End Levee Mile	8.71
Location	Land Side
Category	
Item	Trim / Thin Trees
Looking southeast at trees on landside shoulder and slope.	
richard_s_20130304_058.jpg	



Levee Mile Report Line	47
Start Levee Mile	8.68
End Levee Mile	8.89
Location	Land Side
Category	
Item	Trim / Thin Trees
Looking north at dense trees on landward slope and toe.	
richard_s_20130404_046.JPG	



Levee Mile Report Line	47
Start Levee Mile	8.68
End Levee Mile	8.89
Location	Land Side
Category	
Item	Trim / Thin Trees
Looking south at trees on landward slope.	
richard_s_20130404_047.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	49
Start Levee Mile	8.95
End Levee Mile	9.17
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

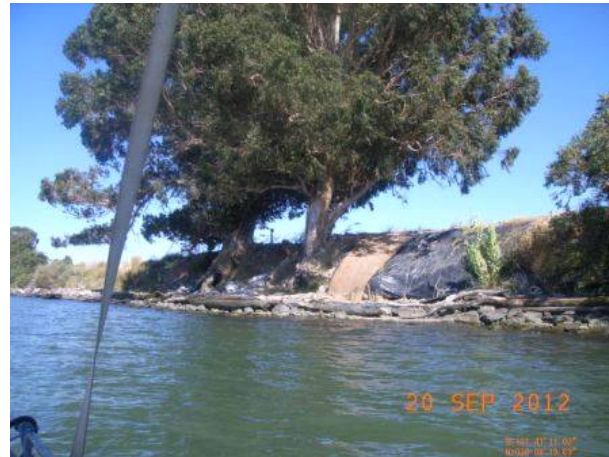
richard_s_20130304_051.jpg



Levee Mile Report Line	49
Start Levee Mile	8.95
End Levee Mile	9.17
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

richard_s_20130304_052.jpg



Levee Mile Report Line	49
Start Levee Mile	8.95
End Levee Mile	9.17
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

richard_s_20130304_053.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	13.30	04/03/2013 04/03/2013	Richard Willoughby

Levee Mile Report Line	51
Start Levee Mile	9.68
End Levee Mile	9.74
Location	Water Side
Category	
Item	Vegetation

Looking west at dense vegetation on waterward shoulder and slope.

richard_s_20130404_045.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
--	---	---