Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start		Rating **	A	Issue No.	**16**
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_LD0003_01_s _ 2013_16				

Comment Code

Inspector Comment

The LMA has the O&M manuals.

No Photos

LM Start		Rating **	A	Issue No.	**17**
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_LD0003_01_s _ 2013_17				

Comment Code

Inspector Comment

The LMA has adequate flood fight supplies and equipment.

No Photos

LM Start		Rating **	M	Issue No.	**18**
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_LD0003_01_s _ 2013_18				

Comment Code

Inspector Comment

The LMA has not completed flood fight training in the past 10 years.

No Photos

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**0.27**	Rating **	M	Issue No.	**105**
LM End	**0.27**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.387413 °	39.387413 °
				-121.991086 °	-121.991086 °
DWR ID	DWR_LD0003_01_f _ 2016_105				

Comment Code

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

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_105_20180905_00065.jpg

View of the rodent holes along the landside slope.

LM Start	**0.56**	Rating **	M	Issue No.	**23**
LM End	**0.63**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.389390 °	39.389219 °
				-121.995539 °	-121.996854 °
DWR ID	DWR_LD0003_01_s _ 2012_23				

Comment Code

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

Inspector Comment

No Photos

LM Start	**0.69**	Rating **	M	Issue No.	**55**
LM End	**0.69**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.388716 °	39.388716 °
				-121.997774 °	-121.997774 °
DWR ID	DWR_LD0003_01_s _ 2014_55				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_55_20180905_00035.jpg

View of the rodent activity along the waterside slope.

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**0.71**	Rating **	U	Issue No.	**3**
LM End	**0.77**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.388578 °	39.388410 °
				-121.997987 °	-121.998992 °
DWR ID	DWR_LD0003_01_s _ 2012_3				

Comment Code

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

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_3_20180905_00001.jpg

View of squirrel holes along the landside slope.

LM Start	**0.81**	Rating **	U	Issue No.	**51**
LM End	**0.91**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.388690 °	39.389867 °
				-121.999820 °	-122.000585 °
DWR ID	DWR_LD0003_01_f _ 2015_51				

Comment Code

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

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_51_20180905_00032.jpg

View of the rodent holes along the landside slope.

LM Start	**1.21**	Rating **	M	Issue No.	**52**
LM End	**1.21**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.394010 °	39.394010 °
				-122.000977 °	-122.000977 °
DWR ID	DWR_LD0003_01_f _ 2015_52				

Comment Code

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

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_52_20180905_00033.jpg

View of the rodent holes along the landside slope.

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

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Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**1.34**	Rating **	M	Issue No.	**43**
LM End	**1.34**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.395903 °	39.395903 °
				-122.001490 °	-122.001490 °
DWR ID	DWR_LD0003_01_s _ 2018_43				

Comment Code

TR : Tree or limb

Inspector Comment

Remove the tree from the slope and toe.

Photo 1 of 1 : FA_2018_LD0003_27_43_20180905_00022.jpg

View of the tree down on the slope and toe.

LM Start	**1.35**	Rating **	A/W	Issue No.	**8**
LM End	**1.62**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			39.395982 °	39.399959 °
				-122.002451 °	-122.003522 °
DWR ID	DWR_ST0010_02_f _ 2022_6				

Comment Code

Inspector Comment

2017 Site ID: SAC 163.0 L
Status: removed
2017 Field Notes:
Site History: 2000 - Snags along toe at downstream end; slow erosion. 2001 - A couple of small fresh slumps in the lower bank section. 2006 - Some minor new erosion at the downstream end. 2009 - Some new erosion. 2010 - New toe erosion. 2011 - Minor new erosion. 2012 - Minor new erosion at the toe. 2013 - Site removed because sufficient berm width, does not meet criteria.

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**1.75**	Rating **	U	Issue No.	**104**
LM End	**1.98**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.401795 °	39.405018 °
				-122.002084 °	-122.001672 °
DWR ID	DWR_LD0003_01_f _ 2016_104				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_104_20180905_00064.jpg

View of the rodent holes along the landside slope.

LM Start	**1.83**	Rating **	U	Issue No.	**103**
LM End	**2.35**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.402851 °	39.406414 °
				-122.001958 °	-121.995993 °
DWR ID	DWR_LD0003_01_f _ 2016_103				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_103_20180905_00063.jpg

View of the rodent holes along the waterside slope.

LM Start	**2.35**	Rating **	M	Issue No.	**13**
LM End	**2.52**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.406413 °	39.407248 °
				-121.995993 °	-121.993177 °
DWR ID	DWR_LD0003_01_s _ 2012_13				

Comment Code

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

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_13_20180905_00011.jpg

View of the rodent holes along the waterside slope.

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

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Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**2.98**	Rating **	C	Issue No.	**102**
LM End	**2.98**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.412909 °	39.412909 °
				-121.991446 °	-121.991446 °
DWR ID	DWR_LD0003_01_f _ 2016_102				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

The rodent holes was repaired along the landside slope.

No Photos

LM Start	**3.39**	Rating **	M	Issue No.	**9**
LM End	**3.39**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.418382 °	39.418382 °
				-121.992480 °	-121.992480 °
DWR ID	DWR_LD0003_01_s _ 2012_9				

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Repair the erosion along the landside slope and prevent vehicle access

Photo 1 of 1 : FA_2018_LD0003_27_9_20180905_00006.jpg

View of the vehicle erosion along the landside slope.

LM Start	**3.54**	Rating **	M	Issue No.	**101**
LM End	**3.54**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.420537 °	39.420537 °
				-121.992206 °	-121.992206 °
DWR ID	DWR_LD0003_01_f _ 2016_101				

Comment Code

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

Inspector Comment

No Photos

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

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Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**3.76**	Rating **	M	Issue No.	**19**
LM End	**3.76**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.423747 °	39.423747 °
				-121.991667 °	-121.991667 °
DWR ID	DWR_LD0003_01_s _ 2012_19				

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_19_20180905_00013.jpg

View of the vehicle erosion along the landside slope.

LM Start	**3.88**	Rating **	C	Issue No.	**59**
LM End	**3.88**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.425162 °	39.425162 °
				-121.990528 °	-121.990528 °
DWR ID	DWR_LD0003_01_f _ 2015_59				

Comment Code

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

Inspector Comment

The rodent holes was repaired along the landside slope.

No Photos

LM Start	**4.20**	Rating **	C	Issue No.	**58**
LM End	**4.20**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.429097 °	39.429097 °
				-121.987510 °	-121.987510 °
DWR ID	DWR_LD0003_01_f _ 2017_58				

Comment Code

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

Inspector Comment

The rodent holes was repaired along the waterside slope.

No Photos

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

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Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**4.63**	Rating **	U	Issue No.	**64**
LM End	**4.68**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.435205 °	39.435855 °
				-121.988097 °	-121.988252 °
DWR ID	DWR_LD0003_01_f _ 2013_64				

Comment Code

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

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_64_20180905_00042.jpg

View of the rodent activity along the landside slope.

LM Start	**4.68**	Rating **	M	Issue No.	**2**
LM End	**4.68**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.435907 °	39.435907 °
				-121.988242 °	-121.988242 °
DWR ID	DWR_LD0003_01_f _ 2013_2				

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Tire ruts on both sides of the levee.

No Photos

LM Start	**5.06**	Rating **	U	Issue No.	**21**
LM End	**5.25**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.441128 °	39.443793 °
				-121.990475 °	-121.991297 °
DWR ID	DWR_LD0003_01_f _ 2015_21				

Comment Code

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

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_21_20180905_00014.jpg

View of the rodent holes along the landside slope.

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**5.38**	Rating **	U	Issue No.	**70**
LM End	**5.39**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.445619 °	39.445808 °
				-121.991510 °	-121.991552 °
DWR ID	DWR_LD0003_01_f _ 2015_70				

Comment Code

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

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_70_20180905_00047.jpg

View of the rodent holes along the landside slope.

LM Start	**5.53**	Rating **	U	Issue No.	**62**
LM End	**5.62**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.447900 °	39.449115 °
				-121.991748 °	-121.991873 °
DWR ID	DWR_LD0003_01_f _ 2013_62				

Comment Code

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

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_62_20180905_00040.jpg

View of the rodent holes along the landside slope.

LM Start	**6.06**	Rating **	M	Issue No.	**71**
LM End	**6.06**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.455313 °	39.455313 °
				-121.993712 °	-121.993712 °
DWR ID	DWR_LD0003_01_f _ 2015_71				

Comment Code

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

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_71_20180905_00048.jpg

View of the rodent holes along the landside slope.

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**6.11**	Rating **	C	Issue No.	**72**
LM End	**6.11**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.456018 °	39.456018 °
				-121.993772 °	-121.993772 °
DWR ID	DWR_LD0003_01_f _ 2015_72				

Comment Code

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

Inspector Comment

The rodent holes was repaired along the landside slope.

No Photos

LM Start	**6.24**	Rating **	M	Issue No.	**7**
LM End	**6.38**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.457968 °	39.459955 °
				-121.993712 °	-121.993512 °
DWR ID	DWR_LD0003_01_s _ 2012_7				

Comment Code

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

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_7_20180905_00005.jpg

Trim the trees 5 feet for better visibility.

LM Start	**6.29**	Rating **	M	Issue No.	**48**
LM End	**6.38**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.458587 °	39.459912 °
				-121.993777 °	-121.993592 °
DWR ID	DWR_LD0003_01_s _ 2012_48				

Comment Code

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

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_48_20180905_00024.jpg

Trim trees 5 feet above ground for better visibility.

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

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Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**6.50**	Rating **	M	Issue No.	**84**
LM End	**6.50**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.461610 °	39.461610 °
				-121.992950 °	-121.992950 °
DWR ID	DWR_LD0003_01_s _ 2016_84				

Comment Code

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

Inspector Comment

No Photos

LM Start	**6.55**	Rating **	M	Issue No.	**98**
LM End	**6.55**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.462275 °	39.462275 °
				-121.992825 °	-121.992825 °
DWR ID	DWR_LD0003_01_f _ 2016_98				

Comment Code

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

Inspector Comment

No Photos

LM Start	**6.57**	Rating **	M	Issue No.	**34**
LM End	**6.57**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.462505 °	39.462505 °
				-121.992698 °	-121.992698 °
DWR ID	DWR_LD0003_01_s _ 2012_34				

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_34_20180905_00018.jpg

View of slope instability caused by vehicle traffic.

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

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Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**6.61**	Rating **	U	Issue No.	**76**
LM End	**6.61**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.463185 °	39.463185 °
				-121.992657 °	-121.992657 °
DWR ID	DWR_LD0003_01_f _ 2015_76				

Comment Code

T5 : Tree stumps.

Inspector Comment

Repair the burned out stump hole along the landside toe.

Photo 1 of 1 : FA_2018_LD0003_27_76_20180905_00052.jpg

View of the burned out stump hole along the landside toe.

LM Start	**6.72**	Rating **	M	Issue No.	**97**
LM End	**6.72**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.464653 °	39.464653 °
				-121.991789 °	-121.991789 °
DWR ID	DWR_LD0003_01_f _ 2016_97				

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Repair the vehicle ruts on the waterside slope.

Photo 1 of 1 : FA_2018_LD0003_27_97_20180905_00061.jpg

View of the vehicle ruts on the waterside slope.

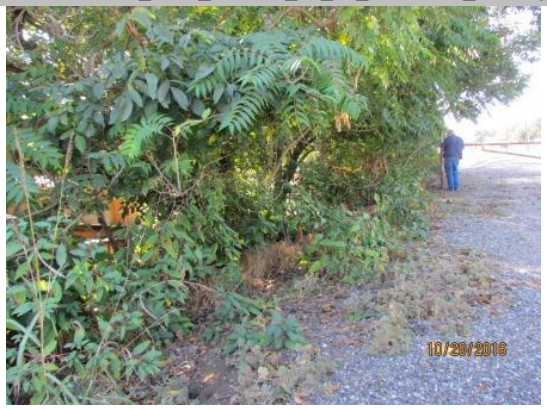
LM Start	**6.75**	Rating **	M	Issue No.	**35**
LM End	**6.75**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.465013 °	39.465013 °
				-121.991455 °	-121.991455 °
DWR ID	DWR_LD0003_01_s _ 2012_35				

Comment Code

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

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_35_20180905_00019.jpg



View of the trees that are hanging over the landside slope of the levee.

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

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**6.91**	Rating **	C	Issue No.	**47**
LM End	**6.91**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.467358 °	39.467358 °
				-121.991333 °	-121.991333 °
DWR ID	DWR_LD0003_01_s _ 2017_47				

Comment Code

TR : Tree or limb

Inspector Comment

The tree was removed from the waterside slope and toe.

No Photos

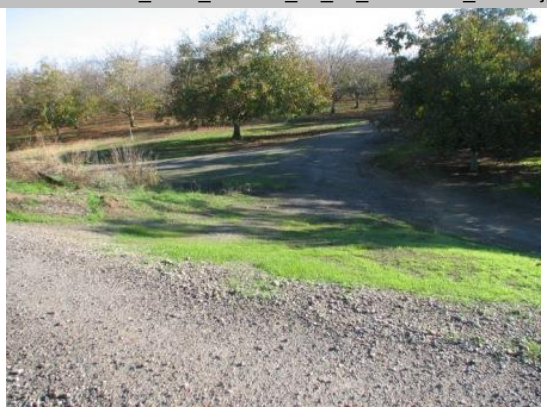
LM Start	**7.21**	Rating **	M	Issue No.	**14**
LM End	**7.21**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.471658 °	39.471658 °
				-121.991245 °	-121.991245 °
DWR ID	DWR_LD0003_01_s _ 2012_14				

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_14_20180905_00012.jpg



View of the vehicle erosion along the landside slope.

LM Start	**7.36**	Rating **	M	Issue No.	**37**
LM End	**7.36**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.473793 °	39.473793 °
				-121.991208 °	-121.991208 °
DWR ID	DWR_LD0003_01_s _ 2012_37				

Comment Code

PR : Prunings

Inspector Comment

Remove the prunings from the landside slope.

Photo 1 of 1 : FA_2018_LD0003_27_37_20180905_00020.jpg

View of the prunings along the landside slope.

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

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**9.23**	Rating **	U	Issue No.	**78**
LM End	**9.31**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.498897 °	39.500068 °
				-121.986827 °	-121.986215 °
DWR ID	DWR_LD0003_01_f _ 2015_78				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Repair the rodent holes along the landside slope.

Photo 1 of 1 : FA_2018_LD0003_27_78_20180905_00054.jpg

View of the rodent holes along the landside slope.

LM Start	**9.29**	Rating **	C	Issue No.	**49**
LM End	**9.29**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.499720 °	39.499720 °
				-121.986497 °	-121.986497 °
DWR ID	DWR_LD0003_01_s _ 2017_49				

Comment Code

TR : Tree or limb

Inspector Comment

The tree was removed from the waterside slope and toe.

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**9.61**	Rating **	A/W	Issue No.	**56**
LM End	**9.77**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			39.504388 °	39.508117 °
				-121.985301 °	-121.986562 °
DWR ID	DWR_LD0003_01_f _ 2017_56				

Comment Code

Inspector Comment

Levee Evaluation Comments
Description:
Site ID No:17
Site Designation:DWR_LD0003_01_s_2012_52
Repair Type: Erosion
Rating:Serious
Field Date:6/7/2017
Notes: Highly vegetated levee slope. About 30' drop erosion scarp. From levee crest, erosion exists about 150' out towards the river.

No Photos

LM Start	**9.61**	Rating **	A/W	Issue No.	**106**
LM End	**9.88**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			39.508117 °	39.504388 °
				-121.986562 °	-121.985301 °
DWR ID	DWR_ST0010_02_f _ 2022_5				

Comment Code

Inspector Comment

2017 Site ID: SAC 172.0 L
Status: Critical
2017 Field Notes: Significant erosion in last year. Erosion is entering levee prism, at current erosion rate, one more large storm and the levee will be comprised. Upgraded to critical.
Site History: 2007 - Getting close to the levee. Bank is clayey silt with clayey/silty toe. 2008 - Looks a little worse at the upstream end. 2009 - Some new erosion and slumping. 2010 - Some new erosion upstream of site, actively eroding at low flow. New bank swallow colony noted. 2011 - Significant erosion since last year, with an estimated 10 to 15 feet of berm lost. Large sections of the bank have slumped off. 2012 - Part of the site appears to be stabilizing, but still minor slumping in other locations. 2013 - Minor new erosion at toe.

Photo 1 of 3 : FA_2018_LD0003_27_10_20180905_00007.jpg

USACE 2013 Photo #1

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

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**9.61**	Rating **	A/W	Issue No.	**106 (cont)**
LM End	**9.88**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			39.508117 °	39.504388 °
				-121.986562 °	-121.985301 °
DWR ID	DWR_ST0010_02_f _ 2022_5				

Comment Code

Inspector Comment

2017 Site ID: SAC 172.0 L
Status: Critical
2017 Field Notes: Significant erosion in last year. Erosion is entering levee prism, at current erosion rate, one more large storm and the levee will be comprised. Upgraded to critical.
Site History: 2007 - Getting close to the levee. Bank is clayey silt with clayey/silty toe. 2008 - Looks a little worse at the upstream end. 2009 - Some new erosion and slumping. 2010 - Some new erosion upstream of site, actively eroding at low flow. New bank swallow colony noted. 2011 - Significant erosion since last year, with an estimated 10 to 15 feet of berm lost. Large sections of the bank have slumped off. 2012 - Part of the site appears to be stabilizing, but still minor slumping in other locations. 2013 - Minor new erosion at toe.

Photo 2 of 3 : FA_2018_LD0003_27_10_20180905_00008.jpg

USACE 2013 Photo #2

LM Start	**9.61**	Rating **	A/W	Issue No.	**106 (cont)**
LM End	**9.88**	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : FA_2018_LD0003_27_10_20180905_00009.jpg

USACE 2013 Photo #3

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

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**9.94**	Rating **	M	Issue No.	**93**
LM End	**10.03**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.508912 °	39.510199 °
				-121.983989 °	-121.983912 °
DWR ID	DWR_LD0003_01_f _ 2016_93				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_93_20180905_00057.jpg

View of the rodent holes along the waterside slope.

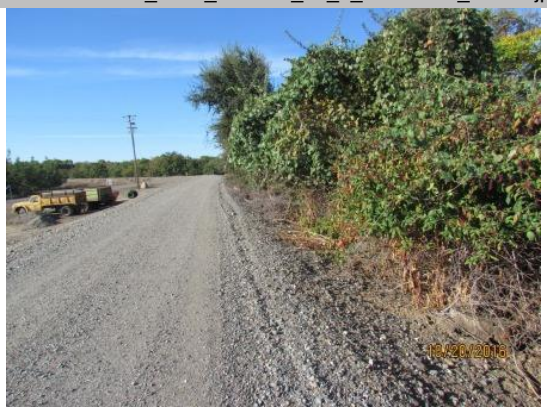
LM Start	**10.14**	Rating **	M	Issue No.	**5**
LM End	**10.24**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.511788 °	39.512395 °
				-121.983750 °	-121.981975 °
DWR ID	DWR_LD0003_01_s _ 2012_5				

Comment Code

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

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_5_20180905_00003.jpg



View of the dense vegetation along the waterside slope.

LM Start	**10.22**	Rating **	N	Issue No.	**92**
LM End	**10.22**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.512287 °	39.512287 °
				-121.982410 °	-121.982410 °
DWR ID	DWR_LD0003_01_f _ 2016_92				

Comment Code

T5 : Tree stumps.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**10.50**	Rating **	N	Issue No.	**29**
LM End	**10.50**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.515342°	39.515342°
				-121.979202°	-121.979202°
DWR ID	DWR_LD0003_01_s _ 2012_29				

Comment Code

T5 : Tree stumps.

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_29_20180905_00016.jpg

View of the stump along the toe.

LM Start	**10.66**	Rating **	U	Issue No.	**89**
LM End	**10.66**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.517553°	39.517553°
				-121.979132°	-121.979132°
DWR ID	DWR_LD0003_01_f _ 2016_89				

Comment Code

S1 : Repair slope instability.

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_89_20180905_00055.jpg

View of a hole along the waterside slope that need to be backfilled and compacted.

LM Start	**10.67**	Rating **	N	Issue No.	**30**
LM End	**10.67**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.517715°	39.517715°
				-121.979155°	-121.979155°
DWR ID	DWR_LD0003_01_f _ 2016_30				

Comment Code

T5 : Tree stumps.

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_30_20180905_00017.jpg

View of the stump along the slope.

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

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**10.81**	Rating **	N	Issue No.	**82**
LM End	**10.81**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.519727 °	39.519727 °
				-121.978362 °	-121.978362 °
DWR ID	DWR_LD0003_01_f _ 2015_82				

Comment Code

T5 : Tree stumps.

Inspector Comment

No Photos

LM Start	**10.86**	Rating **	M	Issue No.	**81**
LM End	**10.96**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.520445 °	39.521788 °
				-121.978273 °	-121.978923 °
DWR ID	DWR_LD0003_01_f _ 2018_81				

Comment Code

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

Inspector Comment

Remove the vegetation from the landside slope.

Photo 1 of 1 : FA_2018_LD0003_27_81_20181001_00113.jpg

View of the vegetation along the landside slope.

LM Start	**10.87**	Rating **	M	Issue No.	**83**
LM End	**10.87**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.520512 °	39.520512 °
				-121.978330 °	-121.978330 °
DWR ID	DWR_LD0003_01_f _ 2018_83				

Comment Code

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

Inspector Comment

Remove the tree if diameter at chest height it 4-inches or less.

Photo 1 of 1 : FA_2018_LD0003_27_83_20181001_00114.jpg

Remove or trim the tree on the landside slope.

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

Flood Control Project Maintenance
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Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	09/06/2018 09/06/2018	Bob Duffey

LM Start	**11.02**	Rating **	N	Issue No.	**80**
LM End	**11.02**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.522583 °	39.522583 °
				-121.979249 °	-121.979249 °
DWR ID	DWR_LD0003_01_f _ 2016_80				

Comment Code

T5 : Tree stumps.

Inspector Comment

2 tree stumps on the landside toe.

No Photos

LM Start	**11.04**	Rating **	M	Issue No.	**6**
LM End	**11.04**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.522921 °	39.522921 °
				-121.979172 °	-121.979172 °
DWR ID	DWR_LD0003_01_f _ 2012_6				

Comment Code

S1 : Repair slope instability.

Inspector Comment

Photo 1 of 1 : FA_2018_LD0003_27_6_20180905_00004.jpg

View of the verical cut along the waterside toe.

LM Start	**11.41**	Rating **	M	Issue No.	**79**
LM End	**11.41**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.526822 °	39.526822 °
				-121.974562 °	-121.974562 °
DWR ID	DWR_LD0003_01_f _ 2018_79				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Repair the rodent holes along the landside slope.

Photo 1 of 1 : FA_2018_LD0003_27_79_20181001_00112.jpg

View of the rodent holes along the landside slope.

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