Flood Control Project Maintenance
Levee Inspections

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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start		Rating **	M	Issue No.	**38**
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0536_01_s _ 2012_38				

Comment Code

Inspector Comment

The District does not have a staff only land owners.

No Photos

LM Start		Rating **	A	Issue No.	**39**
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0536_01_s _ 2012_39				

Comment Code

Inspector Comment

District has copy of O+M manual as of 10/7/2017.

No Photos

LM Start		Rating **	M	Issue No.	**40**
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0536_01_s _ 2012_40				

Comment Code

Inspector Comment

District has stock of sandbags and tarps but other materials such as shovels are with landowners. No supply of sand.

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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**0.00**	Rating **	U	Issue No.	**66**
LM End	**0.00**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.244963 °	38.244963 °
				-121.768960 °	-121.768960 °
DWR ID	22712				

Comment Code

Inspector Comment

FS_ID:53359
DS_ID:22712
EP_NO: 10114
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/2/2018 Holes present in pipe pose internal levee threat; keeping as Urgent (D. Sanoski - DWR UCIP).06/01/2016: Holes and heavy corrosion inside pipe on WS have gotten worse. Flapgates appear in good condition though vegetation blocks view of flapgate for 36-inch on WS. These pipes are still in use and necessary for drainage; pipes may be eligible for repair under DWR Deferred Maintanence Program. (K. Fazel - UCIP)08/13/2013:- Holes in pipe outlet due to heavy corrosion.- Needs detailed investigation of the pipe.- Headwall cracked and tilted on WS. (P. Amatya - DWR)
FIELD_STRUCT_DESC: 1 of 2: 60-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS). Headwall on each end. Culverts run under the road to provide drainage from agricultural fields via a landside (LS) ditch to Lindsey Slough. No. 100 gate in the LS drainage ditch. Reclamation District No. 536 (RD0536) president is David Hearn at hearnd5@gmail.com. (Retention of one 60-inch and one 36-inch drainage pipes through the levee, 10 feet and 6.5 feet below the crown, respectively, and flap gates on the WS ends authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 294+49 ""A""), invert elevation 14.4 feet].
FS Date: 10/2/2018 1:53:00 PM

Photo 1 of 3 : UCIP_FA_2018_53359_34457.jpg

WS view: two CMPs with flap gates. Concrete headwall supports the pipes. A 36" CMP (left) and 60" CMP (right).

* 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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**0.00**	Rating **	U	Issue No.	**66 (cont)**
LM End	**0.00**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.244963 °	38.244963 °
				-121.768960 °	-121.768960 °
DWR ID	22712				

Comment Code

Inspector Comment

FS_ID:53359
DS_ID:22712
EP_NO: 10114
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/2/2018 Holes present in pipe pose internal levee threat; keeping as Urgent (D. Sanoski - DWR UCIP).06/01/2016: Holes and heavy corrosion inside pipe on WS have gotten worse. Flapgates appear in good condition though vegetation blocks view of flapgate for 36-inch on WS. These pipes are still in use and necessary for drainage; pipes may be eligible for repair under DWR Deferred Maintanence Program. (K. Fazel - UCIP)08/13/2013:- Holes in pipe outlet due to heavy corrosion.- Needs detailed investigation of the pipe.- Headwall cracked and tilted on WS. (P. Amatya - DWR)
FIELD_STRUCT_DESC: 1 of 2: 60-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS). Headwall on each end. Culverts run under the road to provide drainage from agricultural fields via a landside (LS) ditch to Lindsey Slough. No. 100 gate in the LS drainage ditch. Reclamation District No. 536 (RD0536) president is David Hearn at hearnd5@gmail.com. (Retention of one 60-inch and one 36-inch drainage pipes through the levee, 10 feet and 6.5 feet below the crown, respectively, and flap gates on the WS ends authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 294+49 ""A""), invert elevation 14.4 feet].
FS Date: 10/2/2018 1:53:00 PM

Photo 2 of 3 : UCIP_FA_2018_53359_34456.jpg

LS view: two inlet CMPs with flap gates. Concrete headwall supports the pipes. A 36" CMP (right) and 60" CMP (left).

* 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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**0.00**	Rating **	U	Issue No.	**66 (cont)**
LM End	**0.00**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.244963 °	38.244963 °
				-121.768960 °	-121.768960 °
DWR ID	22712				

Comment Code

Inspector Comment

FS_ID:53359
DS_ID:22712
EP_NO: 10114
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/2/2018 Holes present in pipe pose internal levee threat; keeping as Urgent (D. Sanoski - DWR UCIP).06/01/2016: Holes and heavy corrosion inside pipe on WS have gotten worse. Flapgates appear in good condition though vegetation blocks view of flapgate for 36-inch on WS. These pipes are still in use and necessary for drainage; pipes may be eligible for repair under DWR Deferred Maintanence Program. (K. Fazel - UCIP)08/13/2013:- Holes in pipe outlet due to heavy corrosion.- Needs detailed investigation of the pipe.- Headwall cracked and tilted on WS. (P. Amatya - DWR)
FIELD_STRUCT_DESC: 1 of 2: 60-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS). Headwall on each end. Culverts run under the road to provide drainage from agricultural fields via a landside (LS) ditch to Lindsey Slough. No. 100 gate in the LS drainage ditch. Reclamation District No. 536 (RD0536) president is David Hearn at hearnd5@gmail.com. (Retention of one 60-inch and one 36-inch drainage pipes through the levee, 10 feet and 6.5 feet below the crown, respectively, and flap gates on the WS ends authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 294+49 ""A""), invert elevation 14.4 feet].
FS Date: 10/2/2018 1:53:00 PM

Photo 3 of 3 : UCIP_FA_2018_53359_34455.jpg

LS view: holes & cracks on CM pipe due to heavy corrosion. Needs detailed investigation of the pipe.

* 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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**0.00**	Rating **	U	Issue No.	**67**
LM End	**0.00**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.244959 °	38.244959 °
				-121.768921 °	-121.768921 °
DWR ID	22726				

Comment Code

Inspector Comment

FS_ID:53360
DS_ID:22726
EP_NO: 10114
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/2/2018 Vegetation blocked WS view of pipe, though a hole directly above WS inlet pipe could be a sinkhole. Keeping as Urgent and recommend internal inspection due to holes in 60-inch pipe (D. Sanoski - DWR UCIP).06/01/2016 Pipe is not abandoned. Though neglected, it is still functional and a needed system feature. Pipe is severly corroded with holes in it, which are visible on LS. Vegetation blocks view of flapgate on WS. Pipes may be eligible for repair under DWR Deferred Maintanence Program. (K. Fazel - UCIP)08/13/2013 This pipe seems to be abandoned. Headwall cracked and tilted on WS. (P. Amatya)
FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS). Headwall on each end. Culverts run under the road to provide drainage from agricultural fields via a landside (LS) ditch to Lindsey Slough. No. 100 gate in the LS drainage ditch. Reclamation District No. 536 (RD0536) president is David Hearn at hearnd5@gmail.com. (Retention of one 60-inch and one 36-inch drainage pipes through the levee, 10 feet and 6.5 feet below the crown, respectively, and flap gates on the WS ends authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992, referenced as 6.5 feet below the crown. USACE Sacramento O&M Manual 106, May 1953, (Station 294+49 ""A""), invert elevation 14.4 feet].
FS Date: 10/2/2018 2:10:00 PM

Photo 1 of 3 : UCIP_FA_2018_53360_34771.jpg

WS view: concrete headwall, flap gates on 36" CMP (left) and 60" CMP (right)

* 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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**0.00**	Rating **	U	Issue No.	**67 (cont)**
LM End	**0.00**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.244959 °	38.244959 °
				-121.768921 °	-121.768921 °
DWR ID	22726				

Comment Code

Inspector Comment

FS_ID:53360
DS_ID:22726
EP_NO: 10114
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/2/2018 Vegetation blocked WS view of pipe, though a hole directly above WS inlet pipe could be a sinkhole. Keeping as Urgent and recommend internal inspection due to holes in 60-inch pipe (D. Sanoski - DWR UCIP).06/01/2016 Pipe is not abandoned. Though neglected, it is still functional and a needed system feature. Pipe is severly corroded with holes in it, which are visible on LS. Vegetation blocks view of flapgate on WS. Pipes may be eligible for repair under DWR Deferred Maintanence Program. (K. Fazel - UCIP)08/13/2013 This pipe seems to be abandoned. Headwall cracked and tilted on WS. (P. Amatya)
FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS). Headwall on each end. Culverts run under the road to provide drainage from agricultural fields via a landside (LS) ditch to Lindsey Slough. No. 100 gate in the LS drainage ditch. Reclamation District No. 536 (RD0536) president is David Hearn at hearnd5@gmail.com. (Retention of one 60-inch and one 36-inch drainage pipes through the levee, 10 feet and 6.5 feet below the crown, respectively, and flap gates on the WS ends authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992, referenced as 6.5 feet below the crown. USACE Sacramento O&M Manual 106, May 1953, (Station 294+49 ""A""), invert elevation 14.4 feet].
FS Date: 10/2/2018 2:10:00 PM

Photo 2 of 3 : UCIP_FA_2018_53360_34770.jpg

WS view: cracked and tilted concrete headwall.

* 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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**0.00**	Rating **	U	Issue No.	**67 (cont)**
LM End	**0.00**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.244959 °	38.244959 °
				-121.768921 °	-121.768921 °
DWR ID	22726				

Comment Code

Inspector Comment

FS_ID:53360
DS_ID:22726
EP_NO: 10114
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/2/2018 Vegetation blocked WS view of pipe, though a hole directly above WS inlet pipe could be a sinkhole. Keeping as Urgent and recommend internal inspection due to holes in 60-inch pipe (D. Sanoski - DWR UCIP).06/01/2016 Pipe is not abandoned. Though neglected, it is still functional and a needed system feature. Pipe is severly corroded with holes in it, which are visible on LS. Vegetation blocks view of flapgate on WS. Pipes may be eligible for repair under DWR Deferred Maintanence Program. (K. Fazel - UCIP)08/13/2013 This pipe seems to be abandoned. Headwall cracked and tilted on WS. (P. Amatya)
FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS). Headwall on each end. Culverts run under the road to provide drainage from agricultural fields via a landside (LS) ditch to Lindsey Slough. No. 100 gate in the LS drainage ditch. Reclamation District No. 536 (RD0536) president is David Hearn at hearnd5@gmail.com. (Retention of one 60-inch and one 36-inch drainage pipes through the levee, 10 feet and 6.5 feet below the crown, respectively, and flap gates on the WS ends authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992, referenced as 6.5 feet below the crown. USACE Sacramento O&M Manual 106, May 1953, (Station 294+49 ""A""), invert elevation 14.4 feet].
FS Date: 10/2/2018 2:10:00 PM

Photo 3 of 3 : UCIP_FA_2018_53360_34769.jpg

LS view: concrete headwall, 36" CMP (right) and 60" CMP (left)

* 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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**0.28**	Rating **	M	Issue No.	**21**
LM End	**0.28**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.245607 °	38.245607 °
				-121.763993 °	-121.763993 °
DWR ID	DWR_RD0536_01_s _ 2017_21				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

Crown rutting has been reduced by regrading and addition of base rock in RD536, but large depression exists. Should be repaired.

Photo 1 of 2 : FA_2018_RD0536_208_21_20180928_00041.jpg

Depression in the road. It has been graded but some depressions still exist (September 2018).

LM Start	**0.28**	Rating **	M	Issue No.	**21 (cont)**
LM End	**0.28**	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : FA_2018_RD0536_208_21_20180924_00005.jpg

Crown should be graded and surfaced with base rock.

* 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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**0.31**	Rating **	A/W	Issue No.	**68**
LM End	**0.31**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.245605 °	38.245605 °
				-121.763441 °	-121.763441 °
DWR ID	22713				

Comment Code

Inspector Comment

FS_ID:49313
DS_ID:22713
EP_NO: 10114
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 06/01/2016 Debris cleared and flapgate is no longer blocked. 08/13/2013 Outlet was blocked by concrete debri and dirt.Needs cleaning of debri.
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Headwall on each end, not found in 2013 or 2016. No. 100 gate on the WS. Concrete debris on the WS slope. This crossing is also used for irrigation. 1-inch polyvinyl chloride (PVC) pipe sleeved through the 24-inch pipe, visible through the landside (LS) end. According to David Hearn, Reclamation District No. 536 (RD0536) president, the PVC pipe does not connect all the way through. Present landowner, as of 2016, is Solano Land Trust, and the pipe runs through the Jepson Prairie Reserve, managed by the University of California, Davis, (UC Davis). (Retention of a 24-inch drainage pipe through the levee, 10.5 feet below the crown, and a flap gate on the WS end authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 274+00 ""A""), invert elevation 15.8 feet].
FS Date: 6/1/2016

Photo 1 of 3 : UCIP_FA_2018_49313_34774.jpg

WS view: overview of exposed CM pipe on levee slope.

LM Start	**0.31**	Rating **	A/W	Issue No.	**68 (cont)**
LM End	**0.31**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_49313_34773.jpg

WS view: CM pipe blocked by concrete debri on levee 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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**0.31**	Rating **	A/W	Issue No.	**68 (cont)**
LM End	**0.31**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.245605 °	38.245605 °
				-121.763441 °	-121.763441 °
DWR ID	22713				

Comment Code

Inspector Comment

FS_ID:49313
DS_ID:22713
EP_NO: 10114
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 06/01/2016 Debris cleared and flapgate is no longer blocked. 08/13/2013 Outlet was blocked by concrete debri and dirt.Needs cleaning of debri.
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Headwall on each end, not found in 2013 or 2016. No. 100 gate on the WS. Concrete debris on the WS slope. This crossing is also used for irrigation. 1-inch polyvinyl chloride (PVC) pipe sleeved through the 24-inch pipe, visible through the landside (LS) end. According to David Hearn, Reclamation District No. 536 (RD0536) president, the PVC pipe does not connect all the way through. Present landowner, as of 2016, is Solano Land Trust, and the pipe runs through the Jepson Prairie Reserve, managed by the University of California, Davis, (UC Davis). (Retention of a 24-inch drainage pipe through the levee, 10.5 feet below the crown, and a flap gate on the WS end authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 274+00 ""A""), invert elevation 15.8 feet].
FS Date: 6/1/2016

Photo 3 of 3 : UCIP_FA_2018_49313_34772.jpg

LS view: open CM pipe end on levee slope.

LM Start	**0.67**	Rating **	M	Issue No.	**14**
LM End	**0.98**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.249615 °	38.253717 °
				-121.760165 °	-121.757979 °
DWR ID	DWR_RD0536_01_f _ 2018_14				

Comment Code

Inspector Comment

2017 Site ID: LDS 0.6 R
Status: Eroding
2017 Field Notes: Appears to be cow paths along slope causing erosion.
Site History: 2011 - Multiple sections of slumping bank. 2016 - Bank continues to erode.

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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**1.10**	Rating **	A/W	Issue No.	**69**
LM End	**1.10**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.255412 °	38.255412 °
				-121.757605 °	-121.757605 °
DWR ID	22715				

Comment Code

Inspector Comment

FS_ID:20444
DS_ID:22715
EP_NO: 10115
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: Pipe was submerged into water and not visible.Steel bar fence on both sides of the levee.
FIELD_STRUCT_DESC: 42-inch corrugated metal gravity drainage pipe through the levee, 22.5 feet below the crown. Concrete headwall on each end. Screw gate on the waterside (WS) end. (Retention of a 42-inch drainage pipe through the levee, 22.5 feet below the crown, and a slide gate on the WS end authorized under Automatic Board Order (ABO) issued as Permit No. 10115, 1974 - Petersen Estate Company, care of R. Moss). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 238+36 ""A""), invert elevation 1.5 feet].
FS Date: 8/13/2013

Photo 1 of 2 : UCIP_FA_2018_20444_34493.jpg

WS view: slide gate, concrete headwall in the channel. Pipe submerged into water.

LM Start	**1.10**	Rating **	A/W	Issue No.	**69 (cont)**
LM End	**1.10**	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_FA_2018_20444_34492.jpg

LS view: concrete headwall in the channel/irrigation ditch. Pipe submerged into water.

* 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**1.35**	Rating **	M	Issue No.	**47**
LM End	**1.55**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.258930 °	38.258637 °
				-121.757085 °	-121.753397 °
DWR ID	DWR_RD0536_01_f _ 2014_47				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

Add appropriate gravel to the crown roadway.

Photo 1 of 1 : FA_2018_RD0536_208_47_20180928_00044.jpg

View looking downstream of the crown. Gravel should be added to the roadway (September 2018).

LM Start	**1.45**	Rating **	M	Issue No.	**17**
LM End	**1.45**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.259087 °	38.259087 °
				-121.755133 °	-121.755133 °
DWR ID	DWR_RD0536_01_f _ 2018_17				

Comment Code

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Depressions in levee due to cows should be repaired to prevent deeper depressions into levee.

Photo 1 of 2 : FA_2018_RD0536_208_17_20180928_00042.jpg

View looking upstream at divots in the slope created by cows. Divots are deep enough that they should be corrected (September 2018).

LM Start	**1.45**	Rating **	M	Issue No.	**17 (cont)**
LM End	**1.45**	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2018_RD0536_208_17_20180928_00043.jpg

Looking down slope at one of the cow divots (September 2018).

* 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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**1.60**	Rating **	M	Issue No.	**22**
LM End	**1.84**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.258845 °	38.259958 °
				-121.752675 °	-121.748765 °
DWR ID	DWR_RD0536_01_f _ 2018_22				

Comment Code

C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.

Inspector Comment

Add appropriate gravel to the crown roadway.

Photo 1 of 1 : FA_2018_RD0536_208_22_20180928_00045.jpg

View looking upstream at the crown. Surface cracks should be fixed and gravel added to roadway (September 2018).

LM Start	**2.69**	Rating **	A/W	Issue No.	**56**
LM End	**2.71**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.255197 °	38.254973 °
				-121.737932 °	-121.737577 °
DWR ID	DWR_RD0536_01_f _ 2014_56				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

Possible subsidence in this area has been repaired. Grade was restored and base rock was added to crown. Area looks good on 3/29/18. Should continue to monitor this site for possible future subsidence.
9/26/2018: Very minor subsidence present. Should be monitored.

Photo 1 of 2 : FA_2018_RD0536_208_56_20180928_00046.jpg

View looking upstream at minor subsidence. It should be continued to be monitored (September 2018).

LM Start	**2.69**	Rating **	A/W	Issue No.	**56 (cont)**
LM End	**2.71**	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : FA_2018_RD0536_208_56_20180924_00006.jpg

3/29/2018: Crown rutting and possible subsidence has been repaired, but area should continue to be monitored for possible future subsidence.

* 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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**2.95**	Rating **	A/W	Issue No.	**18**
LM End	**2.95**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.256047 °	38.256047 °
				-121.733728 °	-121.733728 °
DWR ID	DWR_RD0536_01_f _ 2017_18				

Comment Code

CR1 : Monitor and have inspected by geotechnical engineer.

Inspector Comment

No cracks visible. Area should continue to be monitored for future cracking.

Photo 1 of 2 : FA_2018_RD0536_208_18_20180928_00047.jpg

View of crown looking downstream with fresh gravel. Cracks are no longer visible (September 2018).

LM Start	**2.95**	Rating **	A/W	Issue No.	**18 (cont)**
LM End	**2.95**	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : FA_2018_RD0536_208_18_20180924_00003.jpg

09/29/2017: Cracks in crown.

LM Start	**2.99**	Rating **	A/W	Issue No.	**19**
LM End	**3.00**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.255581 °	38.255562 °
				-121.733117 °	-121.733085 °
DWR ID	DWR_RD0536_01_f _ 2017_19				

Comment Code

CR2 : Schedule repair of subsidence prior to the next inspection.

Inspector Comment

No cracks visible. Area should continue to be monitored for future cracking.

Photo 1 of 1 : FA_2018_RD0536_208_19_20180924_00004.jpg

09/29/2017: Cracks in crown showing vertical offset with land side lower than most of crown.

* 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**3.43**	Rating **	A/W	Issue No.	**20**
LM End	**3.43**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.255815 °	38.255815 °
				-121.726158 °	-121.726158 °
DWR ID	DWR_RD0536_01_f _ 2017_20				

Comment Code

C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.

Inspector Comment

This area had cracks in Fall 2017. It has been graded and received base rock. It should continue to be monitored for future cracking.

No Photos

LM Start	**3.53**	Rating **	A	Issue No.	**30**
LM End	**3.53**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.254597 °	38.254597 °
				-121.725850 °	-121.725850 °
DWR ID	DWR_RD0536_01_s _ 2018_30				

Comment Code

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

Inspector Comment

All vegetation has been removed

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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**3.92**	Rating **	A/W	Issue No.	**71**
LM End	**3.92**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.250781 °	38.250781 °
				-121.723272 °	-121.723272 °
DWR ID	22718				

Comment Code

Inspector Comment

FS_ID:20503
DS_ID:22718
EP_NO: 10116
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: Vortex seen on WS. Water flow seen on LS.Saddle, apron, and headwall not visible. Inlet and outlet pipe-ends are submerged into water.
FIELD_STRUCT_DESC: 54-inch corrugated metal gravity drainage pipe through the levee, 30 feet below the crown. Screw gate in a pipe riser on the waterside (WS) slope. Saddle, apron, headwall, two corrugated metal cutoff walls, one No. 101 gate, and one No. 102 gate. (Retention of a 54-inch drainage pipe through the levee, 30 feet below the crown, and a slide gate on the WS slope authorized under Automatic Board Order (ABO) 10116, 1974 - Marion Sanchez Farms). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 87+70 ""R""), invert elevation -2 feet].
FS Date: 8/13/2013

Photo 1 of 3 : UCIP_FA_2018_20503_34568.jpg

WS view: CMP riser with slide gate on levee slope. Water channel on background.

LM Start	**3.92**	Rating **	A/W	Issue No.	**71 (cont)**
LM End	**3.92**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_20503_34567.jpg

WS view: closer view of slide gate in CMP riser on levee 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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**3.92**	Rating **	A/W	Issue No.	**71 (cont)**
LM End	**3.92**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.250781 °	38.250781 °
				-121.723272 °	-121.723272 °
DWR ID	22718				

Comment Code

Inspector Comment

FS_ID:20503
DS_ID:22718
EP_NO: 10116
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: Vortex seen on WS. Water flow seen on LS.Saddle, apron, and headwall not visible. Inlet and outlet pipe-ends are submerged into water.
FIELD_STRUCT_DESC: 54-inch corrugated metal gravity drainage pipe through the levee, 30 feet below the crown. Screw gate in a pipe riser on the waterside (WS) slope. Saddle, apron, headwall, two corrugated metal cutoff walls, one No. 101 gate, and one No. 102 gate. (Retention of a 54-inch drainage pipe through the levee, 30 feet below the crown, and a slide gate on the WS slope authorized under Automatic Board Order (ABO) 10116, 1974 - Marion Sanchez Farms). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 87+70 ""R""), invert elevation -2 feet].
FS Date: 8/13/2013

Photo 3 of 3 : UCIP_FA_2018_20503_34566.jpg

WS view: closer view of slide gate in CMP riser on levee slope. Air vent attached to the wall of CMP (left).

LM Start	**4.83**	Rating **	M	Issue No.	**35**
LM End	**5.57**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.245813 °	38.245588 °
				-121.710307 °	-121.697605 °
DWR ID	DWR_RD0536_01_s _ 2017_35				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

Road has been regraded. Still some minor ruts

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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**4.92**	Rating **	M	Issue No.	**26**
LM End	**4.92**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.245410 °	38.245410 °
				-121.708895 °	-121.708895 °
DWR ID	DWR_RD0536_01_f _ 2018_26				

Comment Code

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

Inspector Comment

Saw squirrel and deep squirrel hole. Address before squirrels establish.

Photo 1 of 1 : FA_2018_RD0536_208_26_20180928_00053.jpg

View of squirrel hole on the land side slope (September 2018).

LM Start	**4.94**	Rating **	M	Issue No.	**16**
LM End	**4.95**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.245581 °	38.245667 °
				-121.708605 °	-121.708327 °
DWR ID	DWR_RD0536_01_f _ 2018_16				

Comment Code

Inspector Comment

2017 Site ID: LDS 0.8 R
Status: Eroding
2017 Field Notes: additional erosion at toe.
Site History: 2011 - Multiple erosion pockets from tree popouts. A smaller erosion pocket in the middle of a failing bank repair. Pump structure at the downstream end may be contributing to the erosion.

Photo 1 of 1 : FA_2018_RD0536_208_16_20180928_00055.jpg

Deeper erosion at the toe with roots exposed (September 2018).

* 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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**5.00**	Rating **	U	Issue No.	**15**
LM End	**5.05**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.245981 °	38.246326 °
				-121.707609 °	-121.706737 °
DWR ID	DWR_RD0536_01_f _ 2018_15				

Comment Code

Inspector Comment

2017 Site ID: LDS 0.7 R
Status: Critical
2017 Field Notes: Upgraded to CRITICAL. Erosion pocket has increased significantly in the last year. 2018 Field Notes: Erosion pocket is large, agree with Critical status.
Site History: 2011 - Levee toe is unraveling with large slumping sections. This site is downstream of old bank rock. 2012 - Erosion pocket has increased in size. 2016 - Site continues to erode.

Photo 1 of 1 : FA_2018_RD0536_208_15_20180928_00054.jpg

Large erosion pocket on the water side slope extends deep into slope (September 2018).

LM Start	**5.17**	Rating **	C	Issue No.	**65**
LM End	**5.39**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.245300 °	38.245742 °
				-121.704909 °	-121.700893 °
DWR ID	DWR_RD0536_01_s _ 2014_65				

Comment Code

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

Inspector Comment

Trees should be monitored to ensure new growth does not block view down the levee.

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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/26/2018 09/26/2018	David Julian

LM Start	**5.32**	Rating **	M	Issue No.	**33**
LM End	**5.57**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.245684 °	38.245605 °
				-121.702299 °	-121.697729 °
DWR ID	DWR_RD0536_01_s _ 2018_33				

Comment Code

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

Inspector Comment

No Photos

LM Start	**5.47**	Rating **	U	Issue No.	**27**
LM End	**5.58**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.245552 °	38.245602 °
				-121.699588 °	-121.697552 °
DWR ID	DWR_RD0536_01_f _ 2018_27				

Comment Code

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

Inspector Comment

Willows and black berry bushes up to the crown needs to be controlled.

Photo 1 of 1 : FA_2018_RD0536_208_27_20180928_00057.jpg

View of vegetation on the water side up the crown that is blocking visibility (September 2018).

* 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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	09/26/2018 09/26/2018	David Julian

LM Start	**0.10**	Rating **	M	Issue No.	**8**
LM End	**0.77**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244120 °	38.234465 °
				-121.696967 °	-121.697995 °
DWR ID	DWR_RD0536_02_s _ 2018_8				

Comment Code

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

Inspector Comment

Vegetation relatively thick and greater than 1 foot.

Photo 1 of 1 : FA_2018_RD0536_209_8_20180928_00013.jpg

View looking downstream of the vegetation that is greater than 1 foot and relatively thick (September 2018).

LM Start	**0.10**	Rating **	M	Issue No.	**9**
LM End	**0.77**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244119 °	38.234465 °
				-121.696967 °	-121.697995 °
DWR ID	DWR_RD0536_02_s _ 2018_9				

Comment Code

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

Inspector Comment

Vegetation relatively thick and greater than 1 foot.

Photo 1 of 1 : FA_2018_RD0536_209_9_20180928_00014.jpg

View looking downstream of relatively thick vegetation greater than 1 foot (September 2018).

LM Start	**0.13**	Rating **	M	Issue No.	**10**
LM End	**0.13**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.243703 °	38.243703 °
				-121.696992 °	-121.696992 °
DWR ID	DWR_RD0536_02_s _ 2017_10				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

Remove vegetation on the crown

Photo 1 of 1 : FA_2018_RD0536_209_10_20180928_00015.jpg

View looking upstream at vegetation on the crown (September 2018).

* 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

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Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	09/26/2018 09/26/2018	David Julian

LM Start	**2.17**	Rating **	U	Issue No.	**13**
LM End	**2.74**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.214453 °	38.206952 °
				-121.693932 °	-121.689932 °
DWR ID	DWR_RD0536_02_s _ 2018_13				

Comment Code

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

Inspector Comment

Remove vegetation on the water side slope.

Photo 1 of 1 : FA_2018_RD0536_209_13_20180928_00017.jpg

View looking slightly downstream at thick vegetation all the way up the crown (September 2018).

LM Start	**2.19**	Rating **	U	Issue No.	**14**
LM End	**2.55**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.214235 °	38.209373 °
				-121.693843 °	-121.691375 °
DWR ID	DWR_RD0536_02_s _ 2018_14				

Comment Code

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

Inspector Comment

Remove vegetation on the water side slope.

Photo 1 of 1 : FA_2018_RD0536_209_14_20180928_00016.jpg

View looking downstream at vegetation all the way up to the crown (September 2018).

* 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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	09/26/2018 09/26/2018	David Julian

LM Start	**2.27**	Rating **	M	Issue No.	**6**
LM End	**2.48**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.213114 °	38.210294 °
				-121.693334 °	-121.691904 °
DWR ID	DWR_RD0536_02_s _ 2018_6				

Comment Code

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

Inspector Comment

Large, dead thistle stalks remain on levee. Should be removed, or burned if possible.

No Photos

LM Start	**2.97**	Rating **	U	Issue No.	**11**
LM End	**2.97**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.203915 °	38.203915 °
				-121.687847 °	-121.687847 °
DWR ID	DWR_RD0536_02_f _ 2018_11				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Remove vegetation on the water side slope.

Photo 1 of 1 : FA_2018_RD0536_209_11_20180928_00019.jpg

View looking slightly downstream at thick vegetation (September 2018).

LM Start	**3.31**	Rating **	U	Issue No.	**12**
LM End	**3.31**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.199667 °	38.199667 °
				-121.684658 °	-121.684658 °
DWR ID	DWR_RD0536_02_f _ 2018_12				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Remove vegetation on the land side slope.

Photo 1 of 1 : FA_2018_RD0536_209_12_20180928_00018.jpg

View looking upstream at thick vegetation all the way up to the crown (September 2018).

* 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

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	09/26/2018 09/26/2018	David Julian

LM Start	**3.32**	Rating **	U	Issue No.	**15**
LM End	**3.46**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.199638 °	38.197702 °
				-121.684645 °	-121.683737 °
DWR ID	DWR_RD0536_02_f _ 2018_15				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Remove vegetation on the water side slope.

Photo 1 of 1 : FA_2018_RD0536_209_15_20180928_00020.jpg

View looking slightly downstream at vegetation all the way up to the slope (September 2018).

LM Start	**3.91**	Rating **	C	Issue No.	**21**
LM End	**3.91**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.196745 °	38.196745 °
				-121.691292 °	-121.691292 °
DWR ID	DWR_RD0536_02_f _ 2018_21				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

Depressions and ruts have been repaired.

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