

Flood Control Project Maintenance
2015 Structure Summary Report
Overall Unit and Item Ratings

Madera County FCWCA

Ash And Berenda Slough Control Structures

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	A
	Safety	M
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2015 Structure Summary Report
Overall Unit and Item Ratings

Madera County FCWCA (cont.)

Fresno River Diversion Weir

Overall Unit Rating	Rated Item	Item Rating
M	Vegetation & Obstructions	M
	Shoaling / Sedimentation	M
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	U
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance

Unit Cover Sheet

2015 Structure Inspection Results

Madera County FCWCA

Structure
Ash And Berenda Slough Control Structures

Structure Rating	A
Date of Inspection	07/28/2015
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/28/2015 07/28/2015	Herman Phillips

LM Start	0.00	Rating **		Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Photo Documentation		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_1				
Action/Comments					
Inspector Comments: Looking upstream from the Berenda Slough Control Structure, no					

Photo 1 of 2 : ST_2015_NA0011_46_1_20150810_00001.jpg



Looking upstream from the Berenda Slough Control Structure.

LM Start	0.00	Rating **		Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2015_NA0011_46_1_20150810_00004.jpg



This photo is the Ash Slough upstream side of the walkway.

LM Start	0.00	Rating **	M	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_2				
Action/Comments					
Inspector Comments: Dead trees and other brush present downstream of Berenda Slough Structure.					

Photo 1 of 1 : ST_2015_NA0011_46_2_20150810_00002.jpg



Dead trees and other brush present downstream side of Berenda Slough Control Structure.

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/28/2015 07/28/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation present at the Berenda Slough Control Structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_4				
Action/Comments					
Inspector Comments: No active erosion or bank caving observed on the landward or on the riverward side of the levee.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_5				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.					

No Photos

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/28/2015 07/28/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_6				
Action/Comments					
Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_7				
Action/Comments					
Inspector Comments: There is little or no debris, sediment or vegetation blocking the culverts, inlets, sump or discharge areas.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_8				
Action/Comments					
Inspector Comments: There are no breaks, holes, cracks in the culvert that would result in significant water leakage.					

No Photos

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/28/2015 07/28/2015	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure		Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures			07/28/2015 07/28/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_12				
Action/Comments					
Inspector Comments: There are no Sluice/Slide Gates, flash boards are used to restrict the flow. They are manually put in place.					

Photo 1 of 1 : ST_2015_NA0011_46_12_20150827_00005.jpg



This photo shows the flash boards used to close off the inlets at this structure.

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_14				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/28/2015 07/28/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_15				
Action/Comments					
Inspector Comments: Negligible spalling, scaling or cracking. If the concrete surface is weathered, rough to the touch or holds moisture, it is still satisfactory but should be seal coated to prevent freeze / thaw damage.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_16				
Action/Comments					
Inspector Comments: There are no significant areas of tilting, sliding or settlement that would endanger the integrity of the project.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_17				
Action/Comments					
Inspector Comments: No scouring / erosion or undermining near the structure.					

No Photos

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/28/2015 07/28/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_18				
Action/Comments					
Inspector Comments: Safety / security fencing is in good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_19				
Action/Comments					
Inspector Comments: This structure does not have a closure structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/28/2015 07/28/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_21				
Action/Comments					
Inspector Comments: All metal parts are protected from corrosion damage, and show no rust or deterioration that would cause a safety concern.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_22				
Action/Comments					
Inspector Comments: The monolith joint material is in good condition.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_23				
Action/Comments					
Inspector Comments: Minor safety hazards are present, but do not pose an immediate threat to the structure or personnel at the structure. Corrections should be made prior to the next annual inspection.					

Photo 1 of 1 : ST_2015_NA0011_46_23_20150810_00003.jpg



There are damaged boards on the walkway that should be replaced on the downstream side of Ash Slough Control Structure.

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/28/2015 07/28/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		37.157904 °	37.143520 °	
			-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2015_24				
Action/Comments					
Inspector Comments: The manual is on file in the office.					

No Photos

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

Unit Cover Sheet

2015 Structure Inspection Results

Madera County FCWCA

Structure
Fresno River Diversion Weir

Structure Rating	M
Date of Inspection	07/29/2015
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure		Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir			07/29/2015 07/29/2015	Herman Phillips

LM Start	0.00	Rating **		Issue No.	1
LM End	0.00	Issue Type +	--	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Photo Documentation		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_1				
Action/Comments					
Inspector Comments: View of weir from upstream right bank side of structure looking downstream.					

Photo 1 of 1 : ST_2015_NA0011_6_1_20150810_00001.jpg



Upstream side of the Fresno River Diversion Weir.

LM Start	0.00	Rating **	M	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_2				
Action/Comments					
Inspector Comments: Remove these small willow trees that have grown in the channel downstream of weir.					

Photo 1 of 2 : ST_2015_NA0011_6_2_20150812_00002.jpg



Small willow trees presently growing on the downstream side of the deflectors within the channel of the Fresno River and on the left bank Unit 6 there is buildup of small brush upstream of structure.

LM Start	0.00	Rating **	M	Issue No.	2 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2015_NA0011_6_2_20150812_00005.jpg



Vegetation present in channel up stream side of structure looking over to unit 6.

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure		Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir			07/29/2015 07/29/2015	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_3				
Action/Comments					
Inspector Comments: Monitor the buildup of sedimentation along the inside wall upstream of structure.					

Photo 1 of 1 : ST_2015_NA0011_6_3_20150812_00004.jpg



Sedimentation building up on the upstream side of structure against the concrete wall. The slide gates aren't blocked.

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_4				
Action/Comments					
Inspector Comments: No active erosion observed during inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_5				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.					

No Photos

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure		Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir			07/29/2015 07/29/2015	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_6				
Action/Comments					
Inspector Comments: There is a earthen dam upstream of the structure that was placed across the Fresno River channel by Chowchilla Water District.					

Photo 1 of 1 : ST_2015_NA0011_6_6_20150826_00007.jpg



This earthen dam remains across the Fresno River channel.

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_7				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_8				
Action/Comments					
Inspector Comments: There are no breaks, holes,cracks in the culvert that would result in significant water leakage.					

No Photos

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure		Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir			07/29/2015 07/29/2015	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_10				
Action/Comments					
Inspector Comments: There is no trash racks at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_11				
Action/Comments					
Inspector Comments: This structure has screw gates instead of flap gates.					

No Photos

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure		Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir			07/29/2015 07/29/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_12				
Action/Comments					
Inspector Comments: Gates open and close freely with minor leakage. Sill is free of sediment and other obstructions. Gates and lifters have been maintained.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_14				
Action/Comments					
Inspector Comments: All manual gate operators are in good working condition and are capable of opening and closing the gate properly. Preventative maintenance is being performed and the system is tested periodically.					

Photo 1 of 1 : ST_2015_NA0011_6_14_20150812_00006.jpg



Manual gates are in good working order.

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure		Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir			07/29/2015 07/29/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_15				
Action/Comments					
Inspector Comments: Negligible spalling, scaling or cracking. If the concrete surface is weathered, rough to the touch or holds moisture, it is still satisfactory but should be seal coated to prevent freeze/ thaw damage.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_16				
Action/Comments					
Inspector Comments: There are no significant areas of tilting, sliding or settlement that would endanger the integrity of the project.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_17				
Action/Comments					
Inspector Comments: No scouring / erosion or undermining near the structure.					

No Photos

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		07/29/2015 07/29/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_18				
Action/Comments					
Inspector Comments: Security fencing is in good condition.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_20				
Action/Comments					
Inspector Comments: There is no trash rack at this structure.					

No Photos

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		07/29/2015 07/29/2015	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_22				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_23				
Action/Comments					
Inspector Comments: Safety hardware installed. Adequate protection for fall hazards exist. No hazardous conditions that might affect the operation of the structure exist.					

No Photos

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

Levee Inspection Report By Mile - Structure 2015

Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		07/29/2015 07/29/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		36.967930 °	36.967930 °	
			-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t_2015_24				
Action/Comments					
Inspector Comments: The O & M Manuals are keep at the District Headquarters.					

No Photos

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