USACE Inspection Results

Ryan Larson, PE

Flood Protection and Navigation Section

Sacramento District

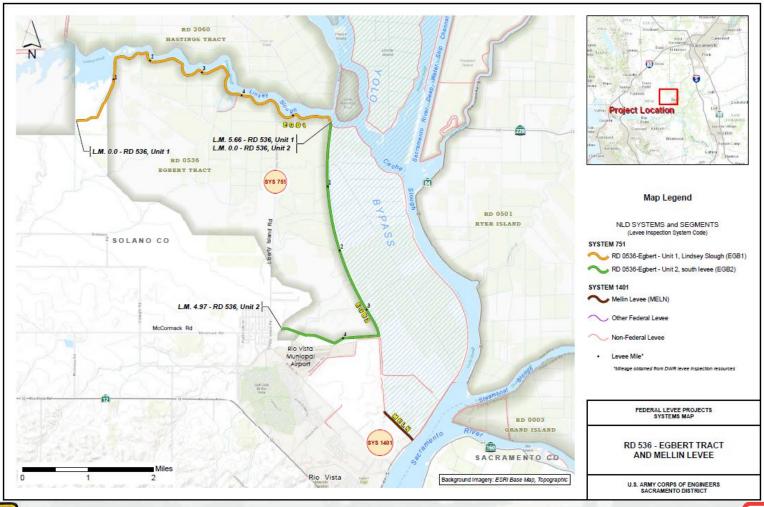
August 28, 2015







RD 0536 – Egbert Tract







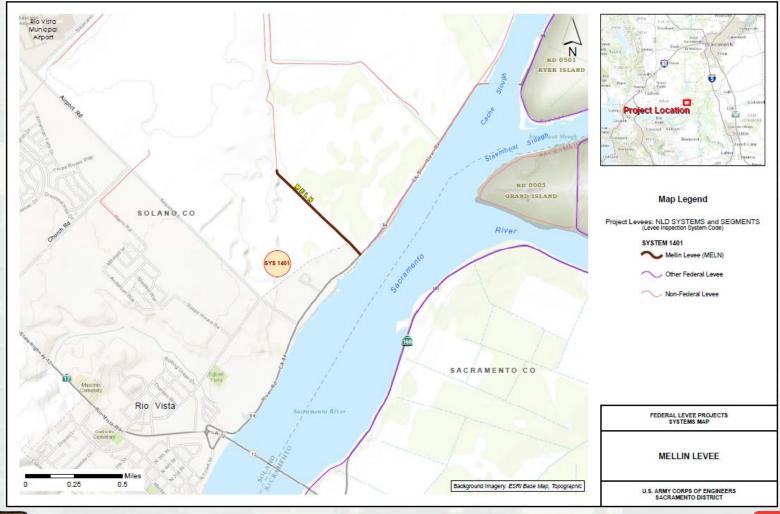
	System: RD 0536 - Egbert tract System Rating: Unacceptable Approved SWIF/LOI: No PL 84-99 RP Eligibility: Inactive	10 15 15 15 15 15 15 15 15 15 15 15 15 15	A C S B B B B B B B B B B B B B B B B B B	S. S				
le.	Operations and Maintenance Manuals	M	M		8-00			
General	Emergency Supplies and Equipment	M	M		24 (16	3		1
	Flood Preparedness and Training	M	M			Ø.		
RP	Encroachments	U	U			5		
PS 199	Closure Structures	NA	NA		A10 EA VI EV	v.		
Levee - Items cting PL 84-99 Eligibility	Slope Stability	U	Α		00 00	8		
PL PL Sibi	Erosion/Bank Caving	U	Α		2040	9		4
Levee - Items Affecting PL 84-99 Eligibility	Animal Control	U	U		8 87	8		
g t	Culverts/Discharge Pipes	NA	NA					
Aff	Underseepage Relief Wells/Toe Drainage Systems	NA	NA		X (2)	2		4
, či	Vegetation Growth	M	M		6100	÷		
nts	Sod Cover	М	А		25 556	3	1	
me	Settlement	М	M		30 83 VI 50	2.		
Levee Embankments Other Items	Depressions/Rutting	М	M		***	8		
nbe rer	Cracking	M	M		X .	S.		
프	Riprap Revetments & Bank Protection	M	Α					1
e ve	Revetments other than Riprap	NA	NA		X 84	0		
2	Seepage	M	M		200	ŝ		1
	<u>Legend</u> A Acceptable	М	Includes Unaccept event	table observatio	ns not likely t	to prevent pe	erformance ir	next flood
	M Minimally Acceptable U Unacceptable	U	Serious deficiency established timefr		spection rep	ort has not b	een correcte	d within th
	N/A Not Applicable RP Rehabilitation Program (Note: flood fight as	U	Likely prevents pe		ext flood even	it		







Mellin Levee - Rio Vista





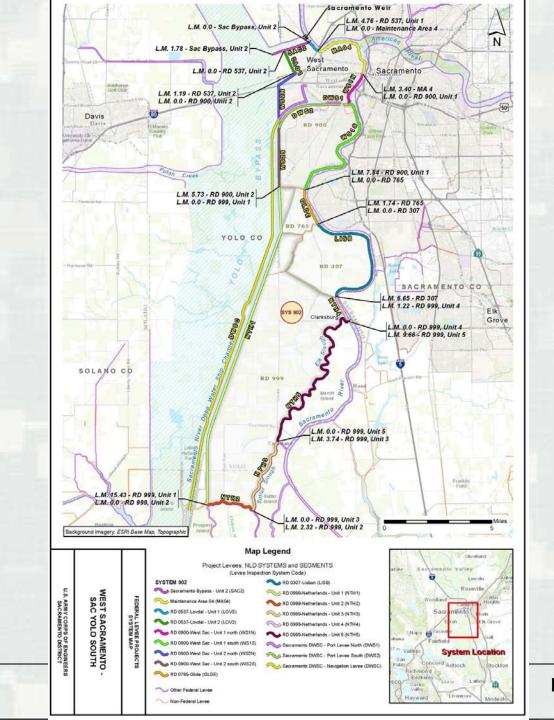


	System: Mellin Levee - Rio Vista System Rating: Unacceptable Approved SWIF/LOI: No PL 84-99 RP Eligibility: Inactive	Helin Leve	
Te.	Operations and Maintenance Manuals	Α	
General	Emergency Supplies and Equipment	M	
	Flood Preparedness and Training	M	
RP	Encroachments	U	
Sm 99	Closure Structures	NA	
lity 82	Slope Stability	Α	
vee - Iter ng PL 84 Eligibility	Erosion/Bank Caving	Α	
Levee - Items Affecting PL 84-99 Eligibility	Animal Control	Α	
fed L	Culverts/Discharge Pipes	NA	
Af	Underseepage Relief Wells/Toe Drainage Systems	NA	
	Vegetation Growth	M	
H S	Sod Cover	Α	
ms ms	Settlement	М	
Levee Embankments Other Items	Depressions/Rutting	Α	
mb	Cracking	Α	
a g	Riprap Revetments & Bank Protection	NA	
e we	Revetments other than Riprap	NA	
ŋ	Seepage	Α	
	Legend A Acceptable	М	Includes Unacceptable observations not likely to prevent performance in next flood event
	M Minimally Acceptable U Unacceptable N/A Not Applicable	U	Serious deficiency noted in past inspection report has not been corrected within the established timeframe
	RP Rehabilitation Program (Note: flood fight as	sistance availa	Likely prevents performance in next flood event able regardless of eligibility status)











BUILDING STRONG_®

	System: West Sacramento - SacYolo South System Rating: Unacceptable Approved SWIF/LOI: No PL 84-99 RP Eligibility: Inactive	al dies	SE COLOR SE	September 1			Stell Stelling Stelli				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				M			
50	Operations and Maintenance Manuals	Α	A	M	M	M	Α	Α	Α	A	A	M	M	M	M	M	A	1
	Emergency Supplies and Equipment	M	M	Α	Α	A	Α	Α	Α	A	Α	Α	A	A	Α	A	A	
§ 1	Flood Preparedness and Training	M	M	M	M	M	Α	Α	Α	A	A	M	M	M	M	M	M	4
g2	Encroachments	10	8	M	M	U	Ü	U.	U	U	B .	M	U	- U	M	M	M	4
	Closure Structures	NA.	NA	NA	NA	NA	NA	NA	NA .	NA	M	NA	NA	NA	U ,	NA	NA	4
	Slope Stability	.U	M	A	M	M	.0	U	U.	M	M	A	M	M	A	M	M	2
를 끊이다	Erosion/Bank Caving	M	M	Α	Α	M	U	U	U	U	U.	M	M	U	M	M	U	
Di MA	Animal Control	Α	0	M	U	U	90	0	U.	M	0	U	0	M	M	M	U	
	Culverts/Discharge Pipes	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Underseepage Relief Wells/Toe Drainage Systems	NA.	NA	NA	NA.	NA	NA	NA	NA.	NA	NA	NA	NA	NA	Α	NA	NA	Š.
	Vegetation Growth	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	4
	Sod Cover	Α	M	M	M	M	M	Α	M	M	M	M	Α	M	M	M	M	4
The second	Settlement	M	A	Α	Α	Α	M	M	Α	M	M	M	Α	M	Α	M	M	
1996	Depressions/Rutting	M	M	Α	M	M	M	M	M	M	M	M	M	M	M	M	U	
	Cracking	Α	A	M	Α	Α	.0	U	Α	A	A	Α	А	A	M	M	M	1
0	Riprap Revetments & Bank Protection	M	M	A	M	M	NA	M	M	M	A	Α	M	M	A	NA	A	3
y	Revetments other than Riprap	NA	NA	NA	NA	NA	NA	NA	NA	NA.	NA	A	NA	NA	NA	NA	NA	2
<u> </u>	Seepage	Α	A	M	Α	A	M	M	Α	Α	Α	M	A	Α	Α	Α	A	
	A Acceptable M Minimally Acceptable	M	0.0000000000000000000000000000000000000						next flood ev									-
	U Unacceptable N/A Not Applicable	Ü	200000000000000000000000000000000000000	Serious deficiency noted in past inspection report has not been corrected within the established timeframe Likely prevents performance in next flood event														

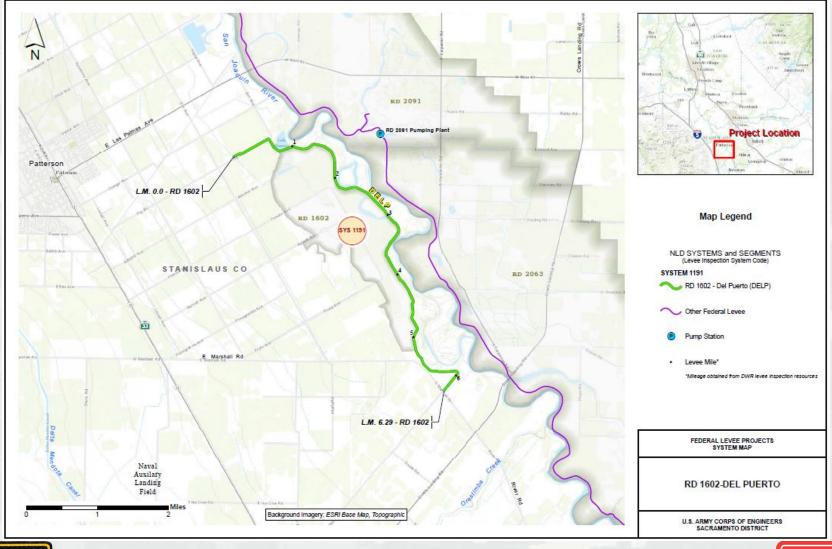








RD 1602 - Del Puerto







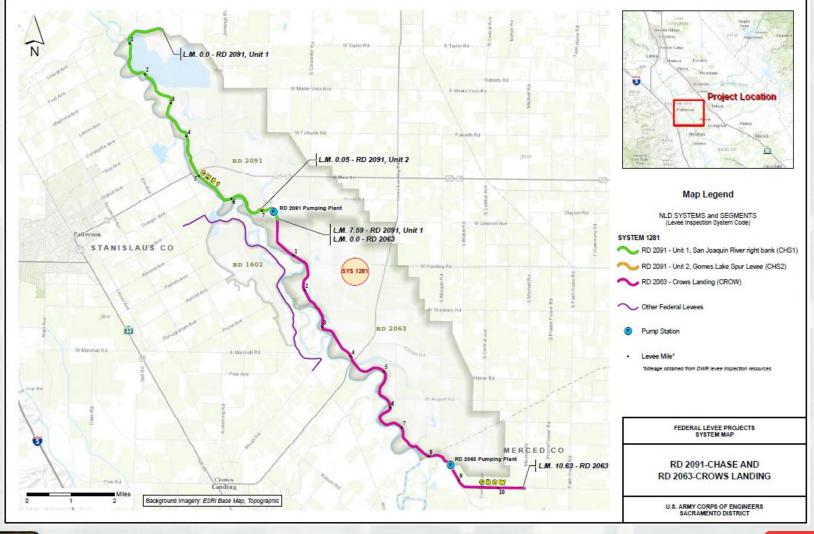
	System: RD 1602 - Del Puerto System Rating: Unacceptable Approved SWIF/LOI: No PI 84-99 RP Eligibility: Inactive	AD LEGS.	Set of the second secon
era	Operations and Maintenance Manuals Emergency Supplies and Equipment	A M	
General	Flood Preparedness and Training	M	
RP	Encroachments	U	
	Closure Structures	NA	
84-9	Slope Stability	М	
vee - Item ing PL 84- Eligibility	Erosion/Bank Caving	U	
Levee - Items Affecting PL 84-99 Eligibility	Animal Control	U	
ect Le	Culverts/Discharge Pipes	NA	
Aff	Underseepage Relief Wells/Toe Drainage Systems	NA	
3.	Vegetation Growth	U	
Levee Embankments Other Items	Sod Cover	M	
ms ms	Settlement	Α	
Embankme Other Items	Depressions/Rutting	M	
de her	Cracking	Α	
9 5	Riprap Revetments & Bank Protection	NA	
eve	Revetments other than Riprap	NA	
_	Seepage	Α	
	Legend A Acceptable	М	Includes Unacceptable observations not likely to prevent performance in next flood event
	M Minimally Acceptable U Unacceptable	U	Serious deficiency noted in past inspection report has not been corrected within the established timeframe
	N/A Not Applicable	θ	Likely prevents performance in next flood event
	RP Rehabilitation Program (Note: flood fight as	sistance avai	ilable regardless of eligibility status)







RD 2091 and RD 2063 - Chase and Crows Landing







	System: RD 2091 and RD 2063 - Chase and Crows Landing System Rating: Unacceptable Approved SWIF/LOI: No PL 84-99 RP Eligibility: Inactive	Sa Tagani	John M	CHE'S STEELS	Jan Jan Barre				
E .	Operations and Maintenance Manuals	M	M	M					
General	Emergency Supplies and Equipment	M	M	M			1	0	65 65
	Flood Preparedness and Training	M	M	M					
RP	Encroachments	U	M	y y		1			
SE 96 /	Closure Structures	NA	NA	NA		-			
₹ <u>₹</u>	Slope Stability	M	Α	M		-			
Levee - Items Affecting PL 84-99 Eligibility	Erosion/Bank Caving	U	Α	Α					
ting	Animal Control	U	M	U		1	1		
L L	Culverts/Discharge Pipes	U	NA	U					
A	Underseepage Relief Wells/Toe Drainage Systems	NA	NA	NA		<u> </u>	ļ		
10	Vegetation Growth	U	M	U					95
an the	Sod Cover	M	M	M					
E E	Settlement	M	Α	M	1				
Leve e Embankments Other Items	Depressions/Rutting	M	Α	M					
m her	Cracking	Α	Α	M	14			E	0.00
G e	Riprap Revetments & Bank Protection	M	NA	M				E 9	8
eve	Revetments other than Riprap	NA	NA	NA			3	E 0	8
-	Seepage	M	A	M					4) (2)
	Legend A Acceptable	М	Includes l event	Jnacceptable	observatio	ns not likely	to prevent pe	erformance in	next flood
	M Minimally Acceptable U Unacceptable	U		eficiency note ed timeframe	d in past in	spection rep	ort has not b	een correcte	d within the
	N/A Not Applicable	U	Likely pre	vents perform	nance in ne	xt flood ever	nt		
	RP Rehabilitation Program (Note: flood fight as	sistance availa	ble regardles	ss of eligibility	status)				





	System: RD 2091 and RD 2063 - Chase and Crows Landing System Rating: Unacceptable Approved SWIF/LOI: No PL 84-99 RP Eligibility: Inactive	A September 1	Ser Cher Service C	A Landing Calcium	/			
	Vegetation and Obstructions	de s	M					
	Encroachments		M					
	Ponding Areas	0	NA					
	Fencing and Gates	22	M	Ç				
5029	Concrete Surfaces (Such as gate wells, outfalls, intakes,		A	.1				
age	Tilting, Sliding or Settlement of Concrete and Sheet Pile		Α					
Interior Drainage	Foundation of Concrete Structures (Such as culverts,	2	M					
0	Monolith Joints	2	NA					
io	Culverts/ Discharge Pipes	70	M					
Ite	Sluice/ Slide Gates	62 2	M					
-	Flap Gates/ Flap Valves/ Pinch Valves	86 - 8	U	1				
	Trash Racks (non-mechanical)	86 - 6	NA					
	Other Metallic Items		NA					
	Riprap Revetments of Inlet/ Discharge Areas	(k)	NA					
	Revetments other than Riprap	9 3	NA					
	Legend A Acceptable	М	Includes Unacceptable of event		1110 1110	(341h)		
	M Minimally Acceptable U Unacceptable	U	Serious deficiency noted established timeframe	d in past inspec	tion report l	has not bee	n corrected	within th
	N/A Not Applicable	U	Likely prevents performa	ance in next flo	od event			
	RP Rehabilitation Program (Note: flood fight assis	stance availa	ble regardless of eligibility	status)				





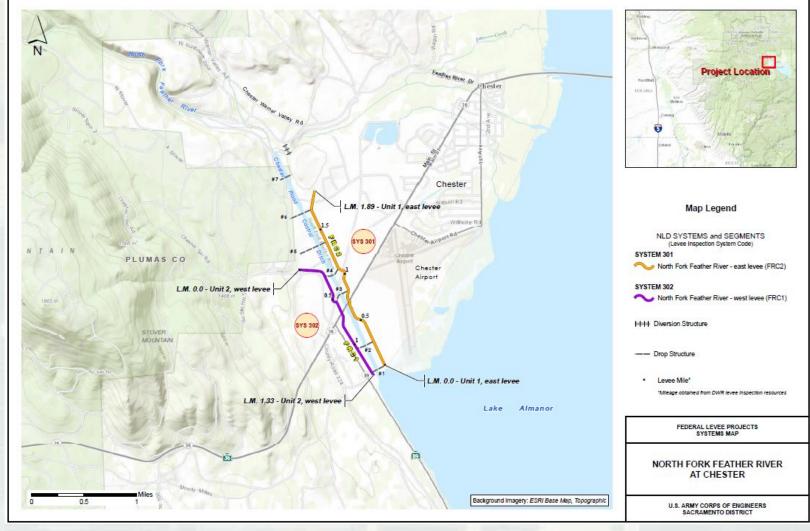
	System. RD 2091 and RD 2063 - Chase and Crows Landing System Rating: Unacceptable Approved SWIF/LOI: No PL 84-99 RP Eligibility: Inactive	E Test and	ST. C.	July September	out didn't		//		/
	Pump Stations Operating, Maintenance, Training, &	M		M				30 00 0	ev ev
	Pump Station Operations and Maintenance Equipment	M		M			10 to	10 10 10 10 10 10 10 10 10 10 10 10 10 1	
	Safety Compliance	M	-	M	22	CC 12	60.00		30
	Communications (A or M only)	Α		Α	8	200	93.00	es. (2)	
	Plant Building	Α		M	90	n 10	93.89		100
	Fencing and Gates	Α		M	8	53.45	93.73	200	60
	Pumps	M		M	6	30.5	20.03	25.60	60
	Motors, Engines, Fans, Gear Reducers, Back Stop	Α		M	4	30.5	2012	27.62 2	982
S	Sumps/ Wet well	Α		Α	0	0	10 2	5 55	37
Pump Stations	Mechanical Operating Trash Rakes	NA		NA	6	0 0	10 2	5 67 - 5	35
SS	Non-Mechanical Trash Racks	Α		Α	0	200	10.0	5.66	56
윤	Fuel System for Pump Engines	NA		NA					
2	Power Source	Α		Α	0	0.00	35 S	70 (A)	0
	Electrical Systems	A		M	0	8 8	10.2	(1) (1) (1)	20
	Megger Testing on Pump Motors and Critical Power	M		M		8 8	39 3	\$180 S	20
	Enclosures, Panels, Conduit and Ducts	Α		M	8	3993	29.63	2000	4 65
	Intake and Discharge Pipelines	Α		M	8	39 8	39/3	2000	
	Sluice/ Slide Gates	NA		NA	8	39 6	29 (2	1000	
	Flap Gates/ Flap Valves/ Pinch Valves	NA		NA	3	97 10	37.76	20 1.0	10
	Cranes	NA		NA	3	97 9	07/76	20 13	10
	Other Metallic Items (Equipment, Ladders, Platform	Α		M	9		0.7 5%	20 10 0	
	Legend A Acceptable	М	Includes Unac event	cceptable	observatio	ns not likely	to prevent pe	erformance in	next flood
	M Minimally Acceptable U Unacceptable	U	Serious defici established ti	200		spection rep	ort has not b	een corrected	d within the
	N/A Not Applicable	U	Likely preven	ts perfori	mance in ne	xt flood ever	nt		
	RP Rehabilitation Program (Note: flood fight assis	tance availa	ble regardless of	feligibilit	y status)				







North Fork Feather River at Chester







	System: North Fork Feather River at Chester - east levee System Rating: Unacceptable Approved SWIF/LOI: No PL 84-99 RP Eligibility: Inactive	ALTER SE	Ji de					
Te.	Operations and Maintenance Manuals	Α						
General	Emergency Supplies and Equipment	Α			8	3		100
	Flood Preparedness and Training	M			- 5			
RP	Encroachments	Ü			16	9		
CD.	Closure Structures	NA		2	8	3	13	8.0
ten 84	Slope Stability	U		2	3	3		80
Levee - Items cting PL 84-99 Eligibility	Erosion/Bank Caving	Α		ř	8	3	100	
vee ing Elig	Animal Control	Α			*	8 8		00 00
le ect	Culverts/Discharge Pipes	NA			*	3 3		00 80
Aff	Underseepage Relief Wells/Toe Drainage Systems	NA			*	3		00 00
	Vegetation Growth	U						
JES .	Sod Cover	M			*	2 2	90	83 A
ne su	Settlement	Α			*	2 2	0. 0	83 A
Levee Embankments Other Items	Depressions/Rutting	M	i i					**
nba er l	Cracking	Α						**
GE EF	Riprap Revetments & Bank Protection	Α			*			*
vec	Revetments other than Riprap	NA					***	100
3	Seepage	М					***	100
S	Vegetation and Obstructions	Α		_				
nue	Shoaling	A						
har	Encroachments	A						
O u	Erosion	A						
ctio	Concrete Surfaces	A			- 10	0	0	50
npa	Tilting, Sliding, or Settlement of Concrete	NA.			V			
B Re	Foundation of Concrete Structures	NA				0	0.00	
age	Slab and Monolith Joints	NA			9	9 8	1 2 2	85 × 83
am	Flap Gates/Flap Valves/Pinch Valves	NA.			9	0 0	1 2 2	84 X
Flood Damage Reduction Channels	Riprap Revetments & Banks	NA NA			0	0 8	ÿ	0. X
8	Revetments other than Riprap	NA.			3	3	8 8	
	Service Company	IVA	Vaccinating the Authorities		and the second second	CONTRACTOR		
	Legend	M	Includes Unaccepta	pie observatio	ns not likely to	o prevent pe	rtormance in	next flood
	A Acceptable M Minimally Acceptable U Unacceptable	U	event Serious deficiency r established timefra	A STATE OF THE STA	spection repo	ort has not be	een corrected	within the
	N/A Not Applicable	U	Likely prevents perf	ormance in ne	xt flood event	t		
	RP Rehabilitation Program (Note: flood fight as	sistance avail	able regardless of eligib	ility status)				





	System: North Fork Feather River at Chester - west levee System Rating: Unacceptable Approved SWIF/LOI: No PL 84-99 RP Eligibility: Active	Jack Jack	A CONTROL OF THE PROPERTY OF T
ra	Operations and Maintenance Manuals		
General	Emergency Supplies and Equipment	Α	
	Flood Preparedness and Training Encroachments	M	
RP		M	
ms 1-96-1	Closure Structures	NA	
L 84	Slope Stability	A	
Levee - Items Affecting PL 84-99 Eligibility	Erosion/Bank Caving Animal Control	A	
ctin	Culverts/Discharge Pipes		
ffe	Underseepage Relief Wells/Toe Drainage Systems	NA NA	
q	Vegetation Growth	U	
5	Sod Cover	A	1
S	Settlement	A	
rk m	Depressions/Rutting	M	
Levee Embankments Other Items	Cracking	A	
五五	Riprap Revetments & Bank Protection	NA NA	
vee	Revetments other than Riprap	NA	
- E	Seepage	A	
2	Legend A Acceptable	М	Includes Unacceptable observations not likely to prevent performance in next flood event
	M Minimally Acceptable U Unacceptable N/A Not Applicable	U	Serious deficiency noted in past inspection report has not been corrected within the established timeframe Likely prevents performance in next flood event
	RP Rehabilitation Program (Note: flood fight as	sistance availa	The state of the s



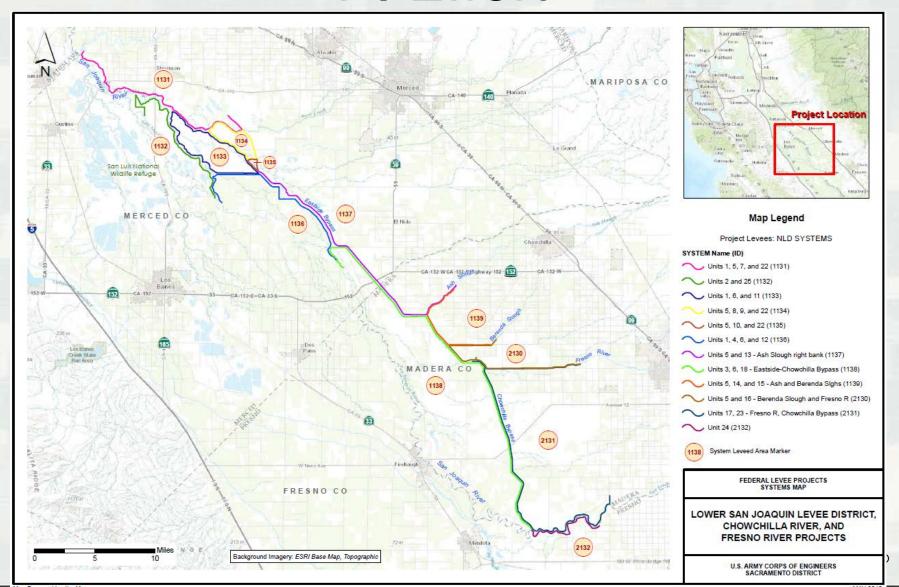




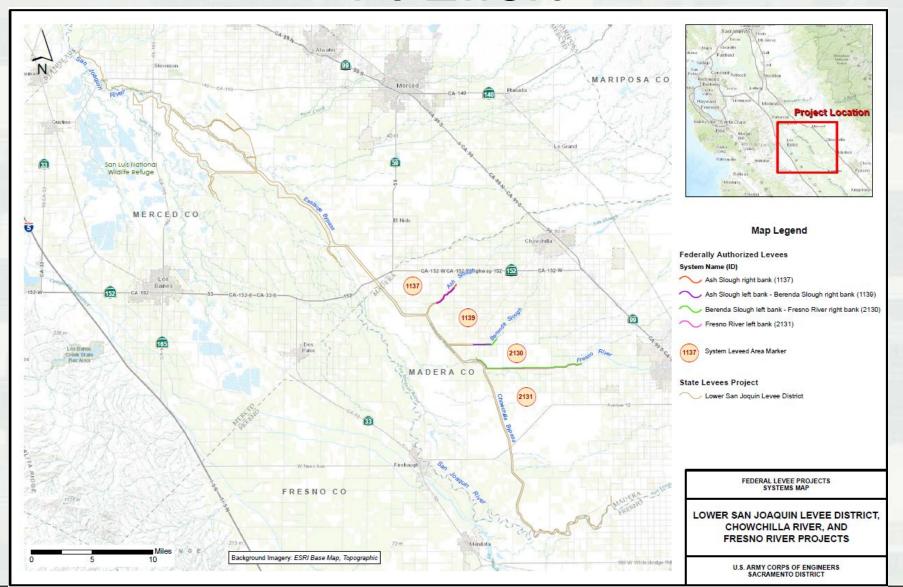


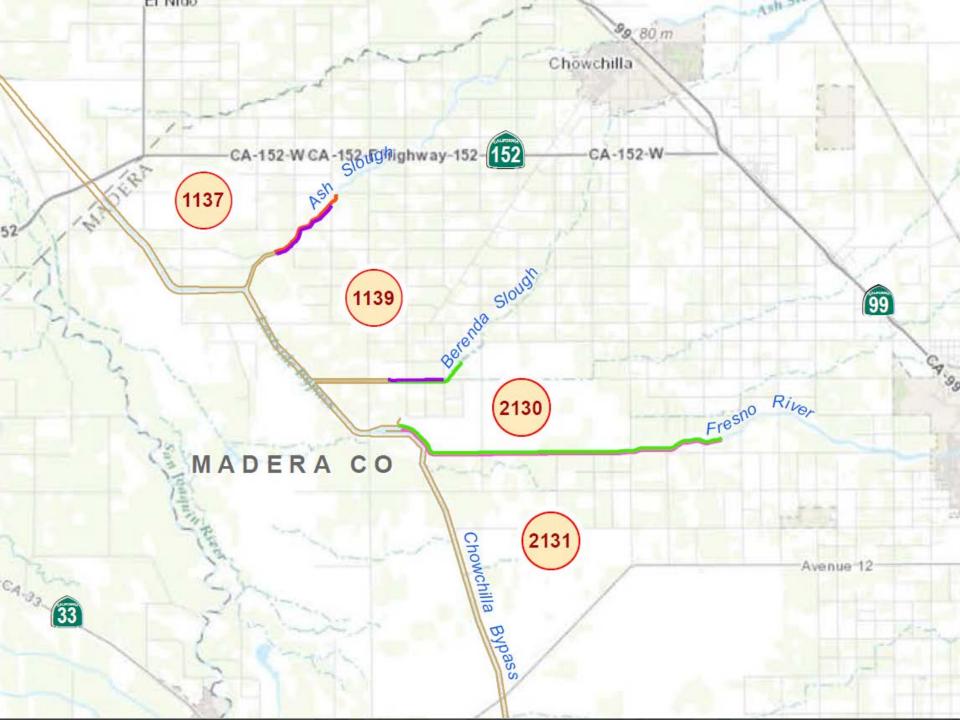


Understanding at Beginning of PI Effort



Understanding at Completion of PI Effort





Flood Control Act of 1944

"The plan of improvement for flood control and other purposes on the Lower San Joaquin River and tributaries, including Tuolumne and Stanislaus Rivers, in accordance with the recommendations of the Chief of Engineers in Flood Control Committee Document Numbered 2, 78th Congress, 2nd Session is approved, and is hereby authorized \$8,000,000 for initiation and partial accomplishment of the plan."





Changed Conditions Post-1944

- Construction of San Joaquin River Flood Control Project was delayed during WWII
- State was to purchase flowage easements upstream of the Merced River at State's expense
- Cost of real estate increased to the point the state believed it would be more economical to construct levees and channels in lieu of purchasing easements



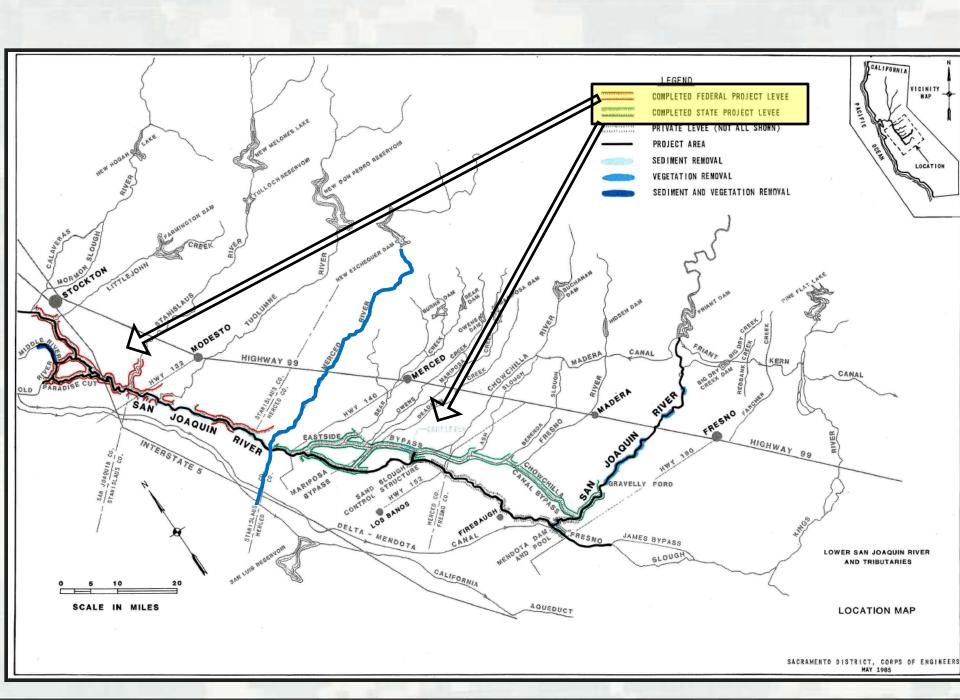


Flood Control Act of 1955

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the project for construction of channel improvement works and levee construction and reconstruction on the San Joaquin River and tributary channels, authorized by the Flood Control Act approved December 22, 1944, is hereby modified to provide that in lieu of furnishing flowage easements along the San Joaquin River upstream of the mouth of the Merced River as set forth in the report of the Chief of Engineers, published as Flood Control Committee Document Numbered 2, Seventy-eighth Congress, responsible local interests may construct levees and channel improvements, as required, to protect such lands against floods, subject to approval by the Chief of Engineers, United States Army: Provided, That the flood hazard to downstream areas is not materially increased thereby, and that due consideration be given to the timing and sequence of construction of the parts of the project to be accomplished by local interests in proper relation to the development of flood control storage on the tributaries of the San Joaquin River: And provided further, That construction and maintenance of such levees and channel improvements be undertaken at no cost to the United States."







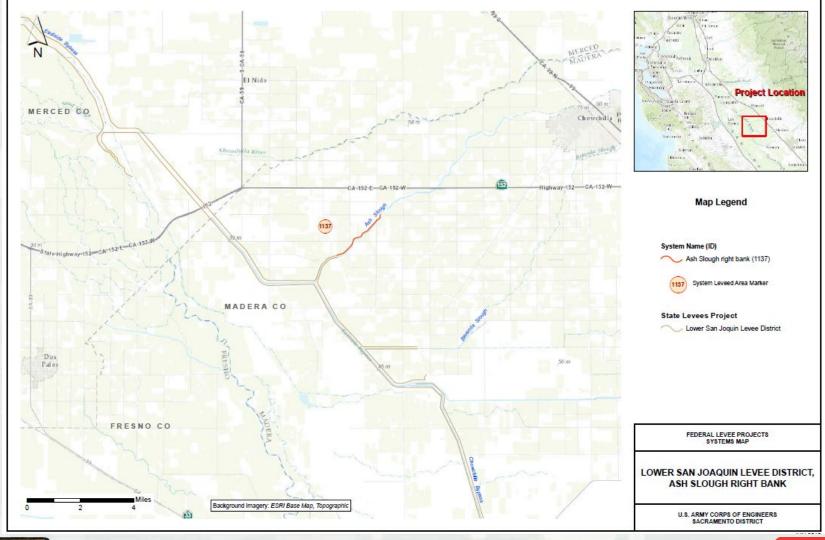
Federally Authorized Levees

- Chowchilla River, Ash and Berenda
 Sloughs Channel Improvement and Levee
 Construction Project
- Fresno River Channel Improvement and Levee Construction Project
- Both Authorized by the Flood Control Act of 1962





Ash Slough Right Bank







	System: Ash Slough right bank System Rating:Unacceptable Approved SWIF/LOI: No PL 84-99 RP Eligibility: Inactive	Story day	A STATE OF THE STA
<u></u>	Operations and Maintenance Manuals	Α	
General	Emergency Supplies and Equipment	M	
95	Flood Preparedness and Training	M	
RP	Encroachments	U	
	Closure Structures	NA	
- Items Pt. 84-99 ibility	Slope Stability	M	
vee - Iter ing PL 84- Eligibility	Erosion/Bank Caving	U	
Levee cting f	Animal Control	U	
ed to	Culverts/Discharge Pipes	NA	
¥	Underseepage Relief Wells/Toe Drainage Systems	NA	
	Vegetation Growth	U	
ent	Sod Cover	M	
km ms	Settlement	M	
Dan Ite	Depressions/Rutting	U	
Levee Embankment Other Items	Cracking	Α	
8 0	Riprap Revetments & Bank Protection	M	
le S	Revetments other than Riprap	NA	
2000	Seepage	Α	
	Legend A Acceptable	М	Not likely to prevent performance in next flood event / Active
	M Minimally Acceptable U Unacceptable	U	Serious deficiency noted in past inspection report has not been corrected within the established timeframe / Inactive
	N/A Not Applicable	U	Likely prevents performance in next flood event / Inactive







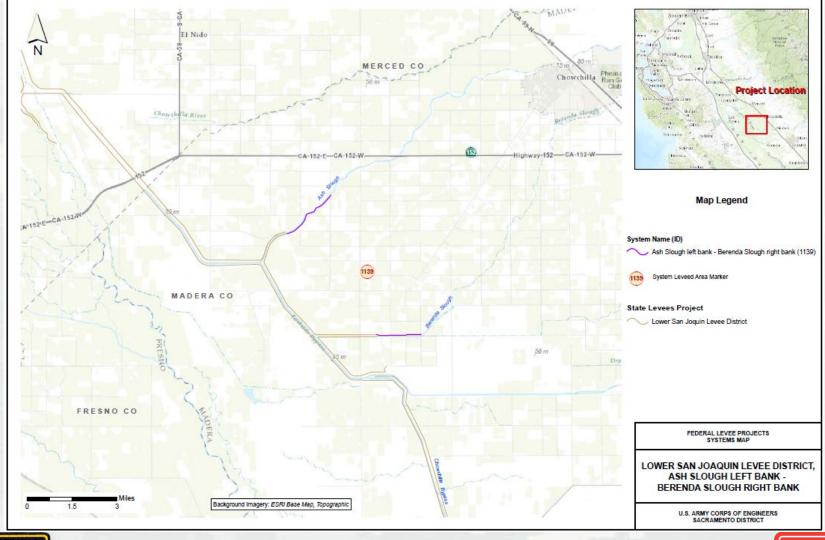






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Ash Slough Left Bank – Berenda Slough Right Bank







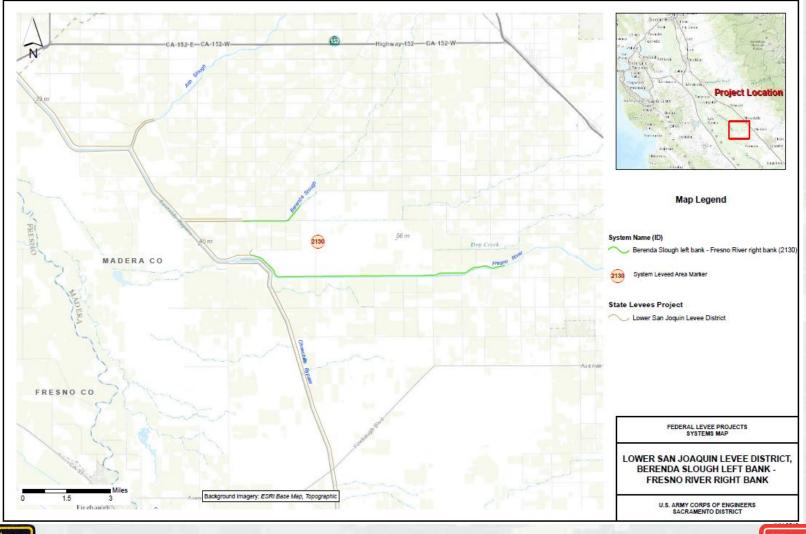
	System: Ash Slough left bank - Berenda Slough right bank System Rating: Unacceptable Approved SWIF/LOI: No PL 84-99 RP Eligibility: Inactive	Story State	Secretaria de la constitución de	
2	Operations and Maintenance Manuals	M	IVI	0
General	Emergency Supplies and Equipment	M	M	
30,000	Flood Preparedness and Training	М	M	
RP	Encroachments	U	U	
Levee - Items Affecting PL 84-99 Eligibility	Closure Structures	NA	NA	
Levee - Items cting PL 84-99 Eligibility	Slope Stability	Α	A	
e - Big	Erosion/Bank Caving	U	U	
ting		U	U	
Ted L	Culverts/Discharge Pipes	NA	NA	
Af	Underseepage Relief Wells/Toe Drainage Systems	NA	NA	0
	Vegetation Growth	U	U	
uts	Sod Cover	U	U	
ame	Settlement	U	U	
Levee Embankments Other Items	Depressions/Rutting	U	U	
the	Cracking	Α	A	
o e	Riprap Revetments & Bank Protection	М	M	
eve	Revetments other than Riprap	M	NA	
	Seepage	Α	A	
	A Acceptable	U	lot likely to prevent performance in next flood	d event / Active
	M Minimally Acceptable U Unacceptable	U	erious deficiency noted in past inspection rep stablished timeframe / Inactive	ort has not been corrected within the
	N/A Not Applicable	U	ikely prevents performance in next flood ever	nt / Inactive







Berenda Slough Left Bank - Fresno River Right Bank







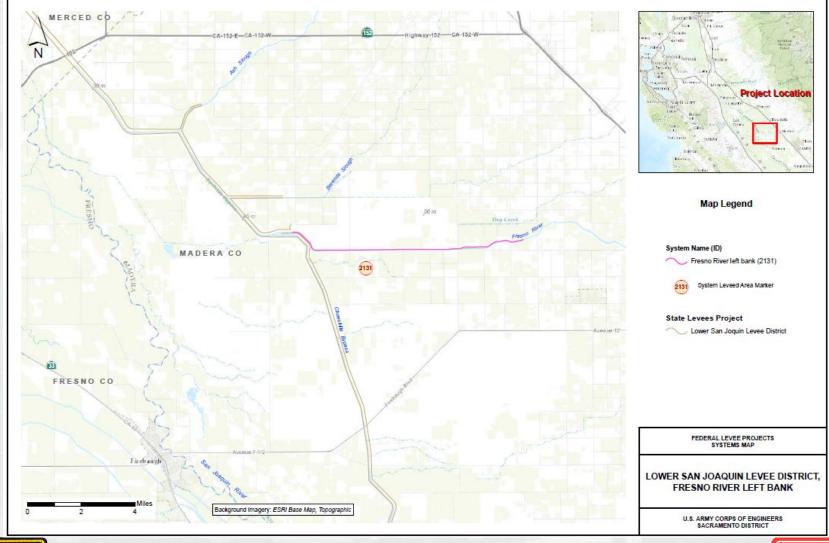
	System: Berenda Slough left bank Fresno River right bank System Rating:Unacceptable Approved SWIF/LOI: No PL 84-99 RP Eligibility: Inactive	CHOW BY THE	State of the state
Te.	Operations and Maintenance Manuals	M	M
General	Emergency Supplies and Equipment	М	M
35	Flood Preparedness and Training	M	M
RP	Encroachments	Ü	Ü
(7)	Closure Structures	NA	NA
it 8	Slope Stability	M	M
Levee - Items cting PL 84-99 Eligibility	Erosion/Bank Caving	U	Ü
eve Fing	Animal Control	U	U .
fect L	Culverts/Discharge Pipes	NA	NA NA
Ą	Underseepage Relief Wells/Toe Drainage Systems	NA	NA
0	Vegetation Growth	U	Ü
ent	Sod Cover	M	M
km	Settlement	M	M
lte lte	Depressions/Rutting	U	M M
Levee Embankment Other Items	Cracking	Α	A
9 0	Riprap Revetments & Bank Protection	NA	M
Se le	Revetments other than Riprap	NA	M
	Seepage	M	A A
	A Acceptable M Minimally Acceptable	М	Not likely to prevent performance in next flood event / Active
	U Unacceptable N/A Not Applicable	U	Serious deficiency noted in past inspection report has not been corrected within the established timeframe / Inactive
	пул пострупсаме	U	Likely prevents performance in next flood event / Inactive







Fresno River Left Bank







	System: Fresno River left bank System Rating: Unacceptable Approved SWIF/LOI: No PL 84-99 RP Eligibility: Inactive	Fresto Ruse	of the late of the
General	Operations and Maintenance Manuals	M	
	Emergency Supplies and Equipment	M	
	Flood Preparedness and Training	M	
RP	Encroachments	U	
99	Closure Structures	NA	
Iter 8	Slope Stability	U	
Levee - Items Affecting PL 84-99 Eligibility	Erosion/Bank Caving	U	
	Animal Control	U	
L L	Culverts/Discharge Pipes	NA	
Ą	Underseepage Relief Wells/Toe Drainage Systems	NA	
Δ.	Vegetation Growth	U	
uts	Sod Cover	U	
ms	Settlement	M	
Levee Embankments Other Items	Depressions/Rutting	U	
	Cracking	Α	
	Riprap Revetments & Bank Protection	M	
	Revetments other than Riprap	NA	
	Seepage	U	
	Legend A Acceptable	U	Not likely to prevent performance in next flood event / Active
	M Minimally Acceptable U Unacceptable	U	Serious deficiency noted in past inspection report has not been corrected within the established timeframe / Inactive
	N/A Not Applicable	U	Likely prevents performance in next flood event / Inactive





