CVFPB Meeting April 25, 2014

USACE INSPECTION RESULTS

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US Army Corps of Engineers BUILDING STRONG_®

Changes to Inspection Reporting

- Inspection checklist has not changed.
- Inspection Ratings on subset of items determine eligibility in the Rehabilitation Program (RP)
- Modified Report Card to reflect the changes in the inspection policy



18 Inspection Items Used for Eligibility Determination

Levee Embankments Encroachments Closure Structures Slope Stability Erosion/Bank Caving Animal Control Culverts/Discharge Pipes Relief Wells/Toe Drains

<u>Floodwalls</u> Encroachments Closure Structures Tilting, Sliding, or Settlement Foundations of Concrete Structures Relief Wells/Toe Drains Interior Drainage System Culverts/Discharge Pipes Sluice/Slide Gates Flap Gates/Flap Valves/Pinch Valves

Pump Stations Intake and Discharge Pipelines Sluice/Slide Gates Flap Gates/Flap Valves/Pinch Valves



Levee - Items Affecting PL 84-99 RP Eligibility	Encroachments	U	M	U	M	
Levee - Items fecting PL 84- RP Eligibility	Closure Structures	NA A	NA	NA	NA	
PL i	Slope Stability	M	A	AU	A	
ee - Elig	Erosion/Bank Caving					
P B	Animal Control	M	A	A	M	
- 4f -	Culverts/Discharge Pipes	NA	NA	NA	NA	
	Underseepage Relief Wells/Toe Drainage Systems	NA	NA	NA	NA	

Legend			Includes Unacceptable observations not likely to prevent performance in next	
A	Acceptable	М	flood event	
М	Minimally Acceptable		Serious deficiency noted in past inspection report has not been corrected within the established timeframe	
	Unacceptable		Likely prevents performance in next flood event	
N/A	Not Applicable			
	Debels Hitstige December (Mater flood field		a sustile ble second less of all all the status	

RP Rehabilitation Program (Note: flood fight assistance available regardless of eligibility status)

From Interim Policy for Determining Eligibility Status:

f. Requirements for eligibility under a CEI.

(1) All public sponsors must complete the maintenance program information on page B-2 of Enclosure 2.

(2) For non-federal levee systems, confirmation that Initial Eligibility Items 1-5 on page B-7 of Enclosure 2 continue to be met and must be documented in the CEI.

(3) Levee segment/system has received an Individual Item/Component Rating of Acceptable or Minimally Acceptable for the following items, which are a subset of the items of the existing Inspection Checklist:



From Inspection Checklist:

F. Individual Item / Component Ratings:

Assessment of individual components rated during the inspection should be based on the criteria provided in the inspection report template, though inspectors may incorporate additional items into the report based on the characteristics of the system. The assessment of individual components should be based on the following definitions.

Acceptable Item	Minimally Acceptable Item	Unacceptable Item
The inspected item is in satisfactory condition, with no deficiencies, and will function as intended during the next flood event.	The inspected item has one or more minor deficiencies that need to be corrected. The minor deficiency or deficiencies will not seriously impair the functioning of the item as intended during the next flood event.	The inspected item has one or more serious deficiencies that need to be corrected. The serious deficiency or deficiencies will seriously impair the functioning of the item as intended during the next flood event.

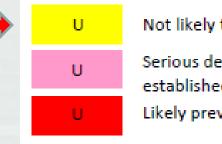


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New Report Card Language:

\rightarrow	м	Includes Unacceptable observations not likely to prevent performance in next flood event
	U	Serious deficiency noted in past inspection report has not been corrected within the established timeframe
	U	Likely prevents performance in next flood event

Old Report Card Language:



- Not likely to prevent performance in next flood event
- Serious deficiency noted in past inspection report has not been corrected within the established timeframe
- Likely prevents performance in next flood event



	System: System Name System Rating: Minimally Acceptable Approved SWIF / LOI: No PL 84-99 RP Eligibility: Active	5007001_1100700_5007001_2100700_5007001_41000
General	Operations and Maintenance Manuals Emergency Supplies and Equipment Flood Preparedness and Training	A A A A A A A A A A A A
Levee - Items Affecting PL 84-99 RP Eligibility	Encroachments Closure Structures Slope Stability Erosion/Bank Caving Animal Control Culverts/Discharge Pipes Underseepage Relief Wells/Toe Drainage Systems	M M
Levee Embankments - Other Items	Vegetation Growth Sod Cover Settlement Depressions/Rutting Cracking Riprap Revetments & Bank Protection Revetments other than Riprap Seepage	M M
Flood Damæe Reduction Channels	Vegetation and Obstructions Shoaling Encroachments Erosion Concrete Surfaces Tilting, Sliding, or Settlement of Concrete Foundation of Concrete Structures Slab and Monolith Joints Flap Gates/Flap Valves/Pinch Valves Riprap Revetments & Banks Revetments other than Riprap	M A A A A A A A M A M A A A A A NA NA NA NA
	Legend A Acceptable M Minimally Acceptable U Unacceptable	M Includes Unacceptable observations not likely to prevent performance in next flood event Serious deficiency noted in past inspection report has not been corrected within the established timeframe U Likely prevents performance in next flood event
	N/A Not Applicable RP Rehabilitation Program (Note: flood figh	at assistance available regardless of eligibility status)

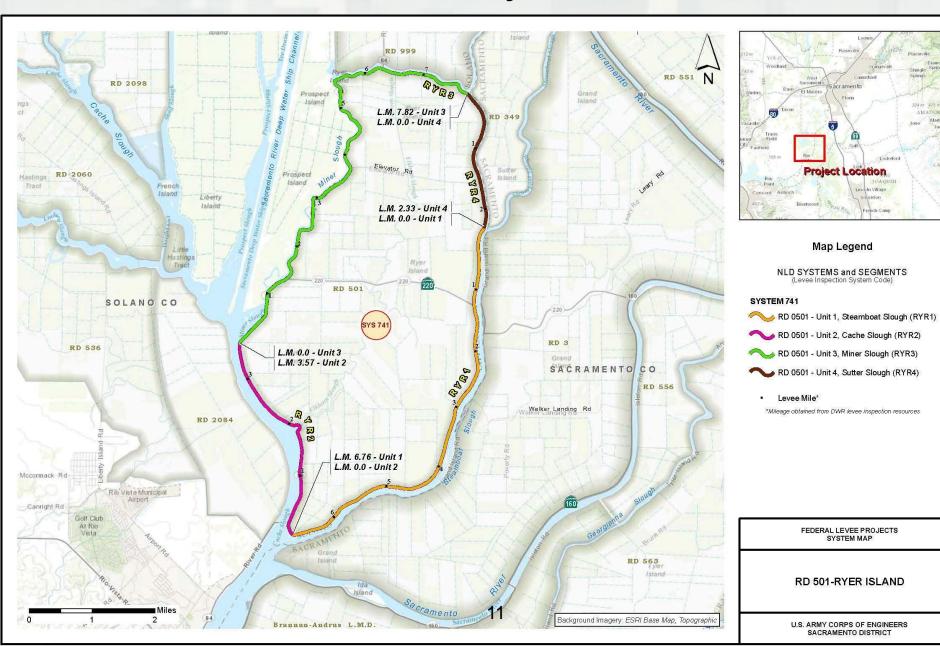
System: System Name System Rating: Unacceptable Approved SWIF / LOI: No PL 84-99 RP Eligibility: Active

Approved SWIF / LOX: No PL 84-99 RP Eligibility: Active Approved SWIF / LOX: No PL 84-99 RP Eligibility: Active regency Supplies and Equipment: A A A Closure Structures: NA NA NA Closurestructures: NA NA NA Closurestructures: NA NA NA Sttlement: M A A A Closurestructures: Bank No NA NA NA Sttlement: M A <th></th> <th>Syst</th> <th>em Rating: Unaco</th> <th>eptable</th> <th></th>		Syst	em Rating: Unaco	eptable										
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Term Operations and Maintenace Manualis A						28° /	28° /	28° /	28° /	/ /	· /	· /	· /	
Term Operations and Maintenace Manualis A		PL 8	4-99 RP Eligibilit	y: Active	STL	ant?	and a	- AT	× /					
Term Operations and Maintenace Manuals A					Alle	Alle	Alle	STIC .						
Term Operations and Maintenace Manuals A					190-	190-	190-	190	<u> </u>	<u> </u>	<u> </u>	<u> </u>	/	
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Stepage A </td <td>SVe.</td> <td>Revetmer</td> <td>nts other than Riprap</td> <td></td> <td>NA</td> <td>NA</td> <td>NA</td> <td>NA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	SVe.	Revetmer	nts other than Riprap		NA	NA	NA	NA						
Shoaling A<	2				Α	Α	Α	Α						
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Revetments other than Riprap NA NA NA NA NA Legend Includes Unacceptable observations not likely to prevent performance in next flood event Includes Unacceptable observations not likely to prevent performance in next flood event Includes Unacceptable observations not likely to prevent performance in next flood event M Minimally Acceptable U Serious deficiency noted in past inspection report has not been corrected within the established timeframe	- Po													
Revetments other than Riprap NA NA NA NA NA Legend Includes Unacceptable observations not likely to prevent performance in next flood event Includes Unacceptable observations not likely to prevent performance in next flood event Includes Unacceptable observations not likely to prevent performance in next flood event M Minimally Acceptable U Serious deficiency noted in past inspection report has not been corrected within the established timeframe	e e												-	
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A Acceptable M flood event M Minimally Acceptable U Serious deficiency noted in past inspection report has not been corrected within the established timeframe		increase.												
A Acceptable M flood event M Minimally Acceptable U Serious deficiency noted in past inspection report has not been corrected		Legend				Includes	Unacceptab	le observat	tions not like	ely to prever	nt performa	nce in next		
		Α	Acceptable		м									
		M						oted in past	inspection	report has r	not been cor	rected		
U Unacceptable U Likely prevents performance in next flood event					U		-	-		•				
		U	Unacceptable		U	Likely pre	vents perfo	rmance in r	next flood ev	vent				
N/A Not Applicable O		N/A	Not Applicable				0							
N/A Not Applicable RP Rehabilitation Program (Note: flood fight assistance available regardless of eligibility status)		RP	Rehabilitation Program (N	Note: flood fight	t assistance	e available i	regardless o	ofeligibility	status)					

System: System Name System Rating: Unacceptable Approved SWIF / LOI: No PL 84-99 RP Eligibility: Inactive

	Syst	tem Rating: Una	cceptable										
		oproved SWIF /			100	100	100	100					
					20.	28.	28.	28.	· /	· /	/ /	' /	
	PL 8	4-99 RP Eligibili	ty: Inactive	ant	ant	ant?	ant	· /					
				Seguent	Harre Seguen?	Harre Seguen?	Harre Seguent						
	a			190	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		/	
General		ons and Maintenance Ma		Α	A	A	A					l	
ene		cy Supplies and Equipm		A	A	A	Α						
		reparedness and Trainin	g	A	Α	А	Α						
66	Encroac			U	М	U	М						
Levee - Items ecting PL 84- RP Eligibility		Structures		NA	NA	NA	NA						
ee - Items ing PL 84 Eligibility	Slope St			Α	Α	Α	Α						
- Brigi		/Bank Caving		М	Α	U	Α						
leve RP B	Animal (M	Α	Α	M						
Levee - Items Affecting PL 84-99 RP Eligibility		/Discharge Pipes		NA	NA	NA	NA					l	
<u> </u>		epage Relief Wells/Toe D	Drainage Systems	NA	NA	NA	NA					4	
ż.		on Growth		M	M	M	M						
s ent	Sod Cove			NA	NA	NA	NA						
Embankme Other Items	Settleme			M	A	A	Α						
er It		ions/Rutting		A	Α	M	A						
the mark	Cracking			Α	U	A	Α						
Levee Embankments - Other Items		Revetments & Bank Prote	ction	NA	NA	NA	NA						
- S		nts other than Riprap		NA	NA	NA	NA						
	Seepage			A	A	A	A						
		on and Obstructions		M	A	A	A						
6	Shoaling	-		A	A	A	A						
- E	Encroac Erosion			M	A	M	A						
e dt		e Surfaces		A NA	A NA	A NA	A NA						
e B		Sliding, or Settlement of (NA	NA	NA	NA						
amage Rec Channels		tion of Concrete Structure		NA	NA	NA	NA						
G an I		d Monolith Joints	5			NA	NA						
P		tes/Flap Valves/Pinch Va	luer	NA NA	NA NA	NA NA	NA					l	
Flood Damage Reduction Channels		Revetments & Banks	iives	NA	NA	NA	NA						
		ents other than Riprap		NA	NA	NA	NA						
<u> </u>	Neveune			NA.	00	116	100						
	Legend	9			Includes	Unaccentab	le observat	ions not lik	elv to preve	nt nerform:	ance in next		
	A	Acceptable		М	flood eve			ions not no	cry to prever	in periorine	mee in next		
-	M	Minimally Acceptable					ated in pact	increction	report has r	oot been co	rrected		
	(VI	within any Acceptable		U		e establishe			report nas r	iot been co	riected		
	U	Unacceptable		U		e establishe events perfo			(ent				
					LIKELY Pre	events perto	mance in r	iext flood ev	ent				
	N/A	Not Applicable	4				C. In all stars						
-	RP	Rehabilitation Program	n (Note: flood figh	t assistance	e available	regardless	ot eligibility	status)					
						•	<u> </u>					1	

RD 501 – Ryer Island



Superations and Maintenance Manuals Emergency Supplies and Equipment Flood Preparedness and Training Encroachments Closure Structures Slope Stability Erosion/Bank Caving Animal Control Culverts/Discharge Pipes Underseepage Relief Wells/Toe Drainage Systems Vegetation Growth Sod Cover Settlement Depressions/Rutting Cracking Riprap Revetments & Bank Protection Revetments other than Riprap	A A A NA A M M NA NA NA M	A A A A A A A A A A A A A A	A A NA A A A	A A A A A A A A A A A A A A A A A A A	And International And Internationa And Internationa And Internationa And Internation		
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Encroachments Closure Structures Slope Stability Erosion/Bank Caving Animal Control Culverts/Discharge Pipes Underseepage Relief Wells/Toe Drainage Systems Vegetation Growth	U NA A M NA NA M	U NA A A NA	U NA A A A	U NA A			
Closure Structures Slope Stability Erosion/Bank Caving Animal Control Culverts/Discharge Pipes Underseepage Relief Wells/Toe Drainage Systems Vegetation Growth	NA A M NA NA M	A A A NA	NA A A A	Α			
Vegetation Growth	A M NA NA M	A A A NA	A A A	Α			
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Vegetation Growth	M NA NA M	A NA	Α				1 1
Vegetation Growth	NA M			М			
Vegetation Growth	М	NIA	NA	NA			
Vegetation Growth Sod Cover		INA	NA	NA			
Sod Cover		М	М	М			
8 0 V	NA	NA	NA	NA			
ë ë Settlement	М	Α	А	Α			
훝 뭘 Depressions/Rutting	Α	Α	M	Α			
Settlement Depressions/Rutting Cracking Riprap Revetments & Bank Protection	Α	Α	Α	A			
📱 🖥 Riprap Revetments & Bank Protection	NA	NA	NA	NA			
Revetments other than Riprap	NA	NA	NA	NA			
occhage	Α	Α	Α	Α			
Vegetation and Obstructions	M	A	A	A			
5 Shoaling	Α	Α	Α	Α			
Encroachments	M	A	M	A			
Erosion	A	A	A	A			
Concrete Surfaces	NA	NA	NA	NA NA			
윤 등 Concrete Surfaces 다 Tilting, Sliding, or Settlement of Concrete Foundation of Concrete Structures	NA	NA NA	NA NA	NA			┨
Slab and Monolith Joints	NA NA	NA	NA	NA		1	
Flap Gates/Flap Valves/Pinch Valves	NA	NA	NA	NA			
Riprap Revetments & Banks	NA	NA	NA	NA			
Revetments other than Riprap	NA	NA	NA	NA			
Legend A Acceptable M Minimally Acceptable	M	event Serious de	Unacceptable eficiency note ed timeframe	ed in past ins	-		
U Unacceptable N/A Not Applicable	U		vents perfor		t flood event		

RP Rehabilitation Program (Note: flood fight assistance available regardless of eligibility status)

The worst rating is used to determine the overall segment and system ratings. *denotes item used to determine PL 84-99 eligibility

	RD 0501 - Ryer Island Unacceptable	20 0501.P	A DOGOLA	Stand Street	A A A A A A A A A A A A A A A A A A A	South Providence				
ral	Operations and Maintenance Manuals	A	А	A	A		200		88	
General	Emergency Supplies and Equipment	А	А	A	A		28-02		5. S.	8
Ğ	Flood Preparedness and Training	A	A	A	A	1	200			
20	Vegetation Growth	U	U	U	U	· · · ·	2.2		8	2
	Sod Cover	NA	NA	NA	NA	1				
	Encroachments	U	U	U	U.					
1000	Closure Structures	NA	NA	NA	NA					
Embankments	Slope Stability	A	Α	Α	A				58 0 0 12 0	<u>.</u>
me	Erosion/Bank Caving	М	Α	A	A					
ank	Settlement	U	A	A	A		10.5 Me			2
nbi	Depressions/Rutting	A	Α	M	A					8
E	Cracking	A	Α	A	A					
Levee	Animal Control	M	A	A	M					8
Le	Culverts/Discharge Pipes	NA	NA	NA	NA			_		8
	Riprap Revetments & Bank Protection	NA	NA	NA	NA		22.00		1167	
	Revetments other than Riprap	NA	NA	NA	NA		22.00		1167	
	Underseepage Relief Wells/Toe Drainage Systems	NA	NA	NA	NA				11.62	
	Seepage	A	A	A	A					
	Vegetation and Obstructions	М	A	A	A		0.8	_	69 6.0	8
Б	Shoaling	A	A	A	A		0.8	_	98.40	6
5	Encroachments	U	A	M	A		0.8	_	98.40	6
s edu	Erosion	A	A	A	A		0.1 89	_	95.4.0	8
channels	Concrete Surfaces	NA	NA	NA	NA		0.1 89		95.5.9	
Flood Damage Reduction Channels	Tilting, Sliding, or Settlement of Concrete	NA	NA	NA	NA		33		29 ST	6
Ch a	Foundation of Concrete Structures	NA	NA	NA	NA		33	-	23.62	6
	Slab and Monolith Joints	NA	NA	NA	NA		3363	-	23.62	6
3	Flap Gates/Flap Valves/Pinch Valves	NA	NA	NA	NA		3363		2362	6
-	Riprap Revetments & Banks	NA	NA	NA	NA		323		200	ć.
	Revetments other than Riprap	NA	NA	NA	NA		/a 3		e es	
	Legend A Acceptable	U			erformance i			been correcte	d within the	
	M Minimally Acceptable	U		d timeframe		pectionic	STC HUS HULL			
	U Unacceptable	U			mance in nex	t flood eve	nt			
	N/A Not Applicable									

The worst rating is used to determine the overall segment system ratings and PL 84-99 Eligibility



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