

# FEMA CERTIFICATION CHECKLIST

Community:	City of Pocatello
Levee:	Portneuf River
Date Received by FEMA	
Engineer Reviewer	
Lead Engineer Reviewer	

Review of 65.10 Certification of Levee Package	Document Review		Criteria	Comments
	PASS	FAIL		
DATE: 6/1/2011				
<b>Initial Assessment</b>				
1. Review of signed PAL agreement		no	Yes/No	
2. Review current effective FIS/DFIRM		no	Yes/No	
3. Complete Checklist Inventory to ensure all data has been submitted, as applicable	yes		Yes/No	
4. Coordinate with FEMA/RMC 9 to ensure no current updates to FIS		no	Yes/No	
5. Certified as-built plans submitted?	yes		Yes/No	
6. Risk based certification approach has been coordinated and approved by FEMA		no	Yes/No	
7. All data submitted certified by PE or Federal agency?		no	Yes/No	
<b>Design Criteria</b>				
8. Freeboard Requirements for Riverine Levees	x		65.10	
-minimum 3.0 feet along length	x			
-additional 1.0 foot w/in 100 feet of structures	x			
-additional 0.5 foot at upstream end	x			
9. Exceptions to the minimum riverine free board requirements	x		65.10	
Appropriate engineering analysis demonstrating adequate protection with a lesser free board	x			
Evaluate the uncertainty in the estimated base flood elevation profile and include:	x			
*An assessment of statistical confidence limits of the 1% annual chance discharge	x			
*Changes in stage-discharge relationships	x			
*Source, potential, and magnitude of debris, sediment, and ice accumulation	x			
*Shows that levee will remain structurally stable during the base flood when such additional loading considerations are imposed	x			
10. Under no circumstances will freeboard of less than 2 feet accepted	x		65.10	
11. Freeboard Requirements for Coastal Levees	na		65.10	
1 foot above the height of the 1% annual chance wave or the maximum wave runoff (whichever is greater associated with the 1% annual chance Stillwater surge elevation at the site)	na			
12. Under no circumstances will a freeboard less than 2 feet above the 1% annual chance Stillwater surge elevation be accepted	na		65.10	

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13. Closures	x		65.10	
all openings must have closure devices as structural parts of the system	x			
14. Embankment Protection	x		65.10	
analyses provided that demonstrate no appreciable erosion will occur during base flood	x			
15. Embankment and Foundation Stability Analyses	x			
seepage analysis during base flood conditions shows stability not affected	x			
alternative analysis for Case IV from USACE EM 1110-2-1913, Chapter 6, Section II	x			
16. Settlement	x		65.10	station 167+75 needs repaired. Levee has been cut for drainage of parking lot. When weather improves and the soil becomes more stable we will make nessecary repairs.
analyses provided that demonstrate freeboard will be maintained addressing:		x		
embankment loads	x			
compressibility of embankment soils	x			
compressibility of foundation soils	x			
age of levee system	x			
construction compaction methods	x			
detailed settlement analysis using procedures such as in USACE EM 1100-2-1904	x			
17. Joint Probability Interior Drainage Analysis	x		65.10	
flooding source(s) identified	x			
extent of flooded areas(s)	x			
BFE(s) if depth greater than one foot	x			
For areas of interior drainage having average depth greater than 1 foot, mapping depicting the extent of the interior flooding along with supporting documentation	x			
<b>Operation Plan And Criteria</b>				
18. Flood Warning System	x		65.10	
documentation of system under jurisdiction of Federal, State, or community officials	x			
demonstration of sufficient warning time for operating closures	x			
19. Plan of Operation including specific actions and assignments by name or title	x		65.10	
20. Periodic operations of closures not less than once per year	x		65.10	
21. Interior Drainage Systems	x		65.10	
Flood Warning system	x			
documentation of system under jurisdiction of Federal, State, or community officials	x			
demonstration of sufficient warning time for evacuations and operating mechanized portions of system	x			
Plan of Operation including specific actions and assignments by name or title	x			
Manual Backup provision for activation of automated systems	x			

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<b>Maintenance Plan</b>				
22. Officially adopted plan	x		65.10	
23. All maintenance under the jurisdiction of Federal, State, or local government agency in a community participating in NFIP		x	65.10	
24. Document the formal procedure ensuring that the stability, height, and overall integrity of the levee and its associated structures and systems are maintained.	x		65.10	
25. Plan specifies	x		65.10	
Maintenance activities to be performed	x			
Frequency	x			
Person by name or title responsible	x			
<b>COMMENTS</b>				
<p>Most flap gates are under water at this time. At the time of the inspection, the river was at 9.56 feet on the USGS gauge. (8.5 is flood stage) The Pocatello staff gauge was at approximately 7 feet. Siltation along the earthen sections of the levee is a concern at this time. During the visual inspection, it appears that the flap gates that were excavated last summer are becoming settlement areas for a large amount of silt. We also noted that silt seems to be building along the shelf adjacent to the rip rap on both sides of the levee. As the water recedes, we will reevaluate the situation. To date we have removed approximately 98 to 99 percent of all woody vegetation in the areas that we have worked in. We will continue to work toward the removal of the woody vegetation on the other areas, with an estimated complete coverage of the levee system in April of 2012.</p> <p>We have began and aggressive burrowing rodent trapping program. To date we have trapped and relocated 26 yellow marmots.</p>				