



CITY OF POCATELLO

Inspected By: Brett Gilmore
 Inspection Date: 6-1-2011

Portneuf River Levee Routine Inspection

RATED ITEM	A	M	U	EVALUATION	LOCATION/REMARKS/RECOMMENDATIONS
1. Erosion	X			Visual inspection on water side of levee Refer to Section 5.3	none detected
	X			Visual inspection on inland side of levee Refer to Section 5.3	none detected
2. Encroachments			X	Visual inspections for anything penetrating the levee below the 3' mark from the crown Refer to Section 5.4	Several private irrigation system pipes that are below the 3 foot mark.
3. Slope Stability	X			Visual inspection for sloughing, saturation, and private property disturbance Refer to Section 5.5	none detected
4. Removal of Debris		X		Visual inspection for any obstructions to main channel Refer to Section 5.6	two man made irrigation diversions. Two of the three trees from the previous report have been removed. The third should be removed in the following weeks as weather permits.
5. Animal Control			X	Visual inspection for burrowing rodents Refer to Section 5.7	many burrowing rodent holes detected, to date we have trapped and relocated numerous rodents.
6. Riprap Revetments & Banks	X			Visual inspection for any movement or displacement of rip rap Refer to Section 5.8	no movement or displacement detected
7. Vegetation		X		Vegetation maintenance Refer to Section 5.9	Area 1 vegetation removal is complete. Stump removal will begin when weather permits. Area 3 is nearing completion as well and should be completed this spring. Area 2 is completed to station 133+00.
8. Cracking	X			Visual inspection for any cracks greater than 3" Refer to Section 5.10	none detected

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9. Ruts & Depressions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Visual inspection of areas that would hold water along levee Refer to section 5.11	Through our maintenance efforts over the winter months we have created rutting in some areas. The rutting will be addressed as the soil stabilizes in the coming weeks.
10. Excavations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Visual inspection of any new disturbance to the levee Refer to Section 5.12	none detected
11. Utilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Installation of any new utilities or existing maintenance Refer to Section 5.13	none detected
12. Seepage/Sandboils	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Visual inspection of any unusual wet areas along levee Refer to Section 5.14	none detected
13. Concrete Surfaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Visual inspection of any cracking, vegetation, etc. Refer to Section 5.15	
14. Drainage Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	90 day inspection and exercise all valves Refer to Section 5.16	All slide and flap gates have been exercised. All slide gates were left open per Williams Engineerings recommendation
15. Concrete Lined Channels	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Refer to Section 5.17 for all required maintenance	There is some minor cracking in the concrete lined portion of the levee (area 4). When the water level decreases during the summer months these areas will be addressed. The vegetation issue will be addressed at that time as well.

Key:
A = Acceptable
M = Minimally Acceptable
U = Unacceptable



ADDITIONAL COMMENTS:

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.

We have begun an aggressive burrowing rodent trapping program. To date we have trapped and relocated 26 yellow marmots.

[07/11/2011 to 07/15/2011](#) Mowing was performed on entire levee area. [07/18/2011 to 07/20/2011](#) Levee was sprayed for weed control. Section 1) Sprayed levee from Cheyenne Crossing to S. Bannock Highway with the exception of the Christensen property. Christensen parcel has several types of noxious weeds. Code enforcement was contacted. Section 2) Entire levee was sprayed. Section 3) Entire levee was sprayed.

