



CITY OF POCATELLO

Inspected By: Brett Gilmore
 Inspection Date: 3-4-2011

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, will begin aggressive removal techniques as they emerge from hibernation |
| 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 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



We have made substantial progress on our vegetation removal this winter. 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.

Our greatest challenge over the next several months will be the removal of burrowing rodents. Section 1 and the adjacent portion of section 2 are inundated with the rodents. We will begin an aggressive removal program in the next few weeks as they emerge from hibernation.

During the course of the winter months, with the freeze thaw issues we have dealt with, we have developed some rutting along the levee crown. As the frost leaves the soil and it stabilizes we will grade and repair all of the the rutting along the levee crown.

[05/05/2011](#) Levee bank was sprayed for weed control from Cheyenne to South Bannock Hwy on the west side, using 115 gallons solution. .

