

Table 4.8-7 Embankment Designs

Sedimentation Pond	Elevation Upstream Toe (ft)	Principal Spillway			Emergency Spillway			Max. W. S. Elevation 25-Yr, 24-Hr Event (ft)	Top of Embankment Elevation (ft)	Freeboard (ft)
		Stage (ft)	Elevation (ft)	Diameter-d (in)	Stage (ft)	Elevation (ft)	Width-b (ft)			
Impoundment "H"	--	9.5	6466.1	60"	11.5	6468.0	--	6466.7	6473.0	--
Johnson #6	6466.0	9.0	6477.0	36"	10.0	6478.1	32.0	6476.4	6481.0	4.5
Johnson #7R	6445.3	7.0	6452.0	--	10.0	6455.0	16.7	6454.6	6456.0	1.4
Johnson #8R	6416.5	7.0	6424.0	--	9.0	6426.0	16.8	6425.7	6427.0	1.3
Johnson #9R	6402.3	8.5	6412.0	--	9.5	6413.0	8.4	6412.7	6414.0	1.3
Johnson #10R	6367.8	9.0	6376.0	--	11.0	6378.0	11.2	6378.4	6380.0	1.6
No Name #2	6355.4	8.5	6364.7	36"	9.8	6366.0	18.3	6366.8	6368.0	1.2
No Name #4	6322.4	14.5	6336.9	36"	15.6	6339.0	10.0	6339.7	6341.0	1.3
No Name #5R	6305.6	6.0	6312.0	--	8.0	6314.0	8.8	6314.7	6316.0	1.3
Coyote	6297.0	14.0	6311.0	36"	16.0	6313.0	60.0	6311.4	6321.0	9.6
Ute #1R	7262.6	7.0	7269.0	--	9.0	7271.0	13.4	7269.9	7272.0	1.0
Middle Pyeatt #1	6499	10.0	6511.0	--	11.0	6512.0	9.5	6511.0	6513.0	2.0
Middle Pyeatt #2	6477	10.0	6487.0	--	11.0	6488.0	14.4	6489.0	6491.0	2.0
Middle Pyeatt #3	6449	10.0	6461.0	--	11.0	6462.0	3.1	6460.8	6463.0	2.0

Note: Elevations are based on current topographic information obtained from aerial photographs. Actual elevations will vary according to actual field conditions after topsoil removal but relative elevations should remain the same.

(1) Single open-channel design.

(2) As-built information.

(3) West Horse is a mostly incised structure with a small (3 ft.) embankment

(4) The Deal Gulch embankment is 6.0 feet tall as measured from the upstream toe. The remainder of the capacity comes from the incised portion

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