

Table 7-2: Levee Quantities by Protection Zone by Flood Stage

Protection Zone		5,000 & 6,000 cfs	7,000 cfs	8,000 cfs	9,000 cfs	10,000 cfs	11,000 cfs	13,000 cfs	15,000 cfs
1	Length (ft)	-	-	850	1,940	4,140	4,580	6,550	9,220
	Low Fill (cy)	-	-	30	180	710	1,650	3,820	7,340
	High Fill (cy)	-	-	50	270	1,070	2,480	5,730	11,010
	Max Height (ft)	-	-	0.8	1.3	2	2.6	3.6	4.5
2	Length (ft)	240	543	941	1,484	2,658	5,714	9,842	11,016
	Low Fill (cy)	30	155	488	855	1,687	3,174	9,076	18,316
	High Fill (cy)	50	233	732	1,283	2,531	4,761	13,614	27,474
	Max Height (ft)	1.6	2.7	3.7	4.4	5.2	5.9	7.1	8.2
3	Length (ft)	-	390	1,180	2,460	6,863	10,484	12,584	13,510
	Low Fill (cy)	-	40	400	970	2,839	7,254	21,263	40,902
	High Fill (cy)	-	60	600	1,450	4,259	10,881	31,895	61,353
	Max Height (ft)	-	0.6	1.6	2.4	3.2	4.3	6.5	8.4
4	Length (ft)	130	290	860	1,780	2,360	3,580	3,880	3,880
	Low Fill (cy)	30	130	390	990	2,150	4,130	10,060	17,740
	High Fill (cy)	50	190	590	1,480	3,230	6,200	15,090	26,600
	Max Height (ft)	0.9	2.2	3.5	4.7	5.9	7.1	9.3	11.2
5	Length (ft)	702	2,843	4,288	5,562	9,315	10,209	10,694	10,694
	Low Fill (cy)	169	1,130	3,748	8,274	17,204	30,436	59,219	88,174
	High Fill (cy)	254	1,690	5,622	12,411	28,960	45,654	88,829	132,261
	Max Height (ft)	2.4	3.6	5.1	6.6	8.4	10.2	12	13.3
6	Length (ft)	-	970	3,610	5,650	7,440	10,300	10,850	11,040
	Low Fill (cy)	-	110	1,690	5,710	12,520	23,470	50,040	75,590
	High Fill (cy)	-	160	2,540	8,570	18,780	35,200	75,050	113,390
	Max Height (ft)	-	1.1	2.6	4.1	5.5	7	9.3	11.1
Total¹	Length (ft)	1,072	5,036	11,729	18,876	32,776	44,867	54,400	59,360
	Low Fill (cy)	229	1,565	6,746	16,979	37,110	70,114	153,478	248,062
	High Fill (cy)	354	2,333	10,134	25,464	58,830	105,176	230,208	372,088
	Max Height (ft)	2.4	3.6	5.1	6.6	8.4	10.2	12	13.3

*Low Fill is the calculated volume of material needed; High Fill is used to cover variances in material type, and moisture content.