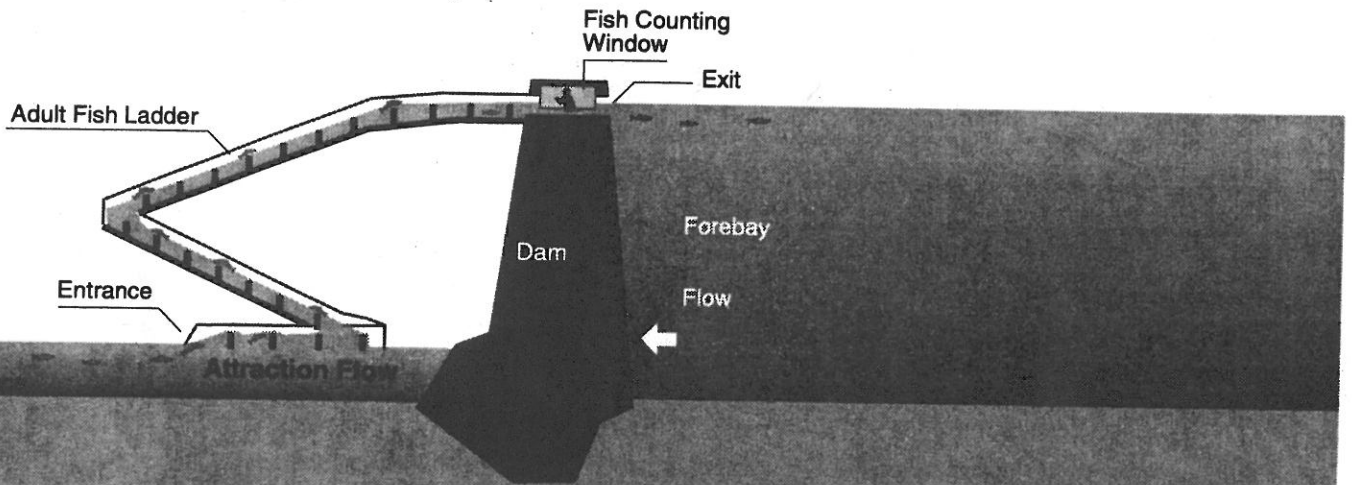
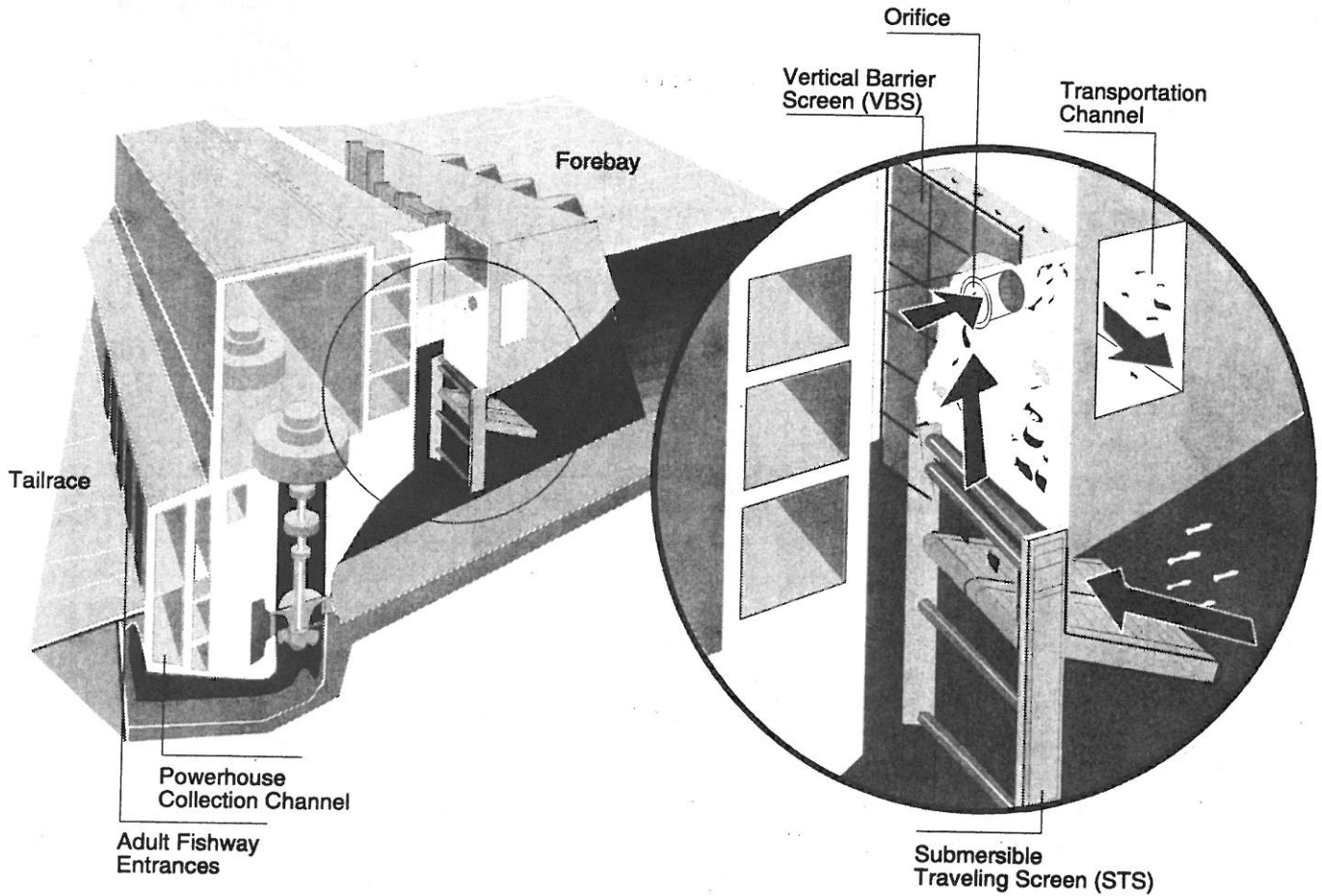


US Army Corps  
of Engineers®  
Northwestern Division

# Fish Passage Plan

## Corps of Engineers Projects



March 1998

4" no longer appropriate.  
6" minimum opening for  
Bays 1 and 18

March 1998

Table BON-7. Spill patterns for Bonneville Dam.

Bay Number																		Total Dogs	kcfs	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18			
4"	1																4"	1	3.1	
4"	1																1	4"	2	6.2
4"	1	1															1	4"	3	9.3
4"	1	1													1	1	4"	4	12.4	
4"	1	1	1												1	1	4"	5	15.5	
4"	1	1	1											1	1	1	4"	6	18.6	
4"	1	1	1	1										1	1	1	4"	7	21.7	
4"	1	1	1	1										1	1	1	4"	8	24.8	
4"	1	2	1	1										1	1	1	4"	9	28.5	
4"	3	2									2					1	2	4"	10	33.6
4"	3	2									2					2	2	4"	11	37.2
4"	3	2			1						2					2	2	4"	12	40.3
4"	3	2			2						2					2	2	4"	13	43.9
4"	3	2	1		2						2					2	2	4"	14	47.0
4"	3	2	1		2						2			1	2	2	4"	15	50.1	
4"	3	2	1		2				1		2			1	2	2	4"	16	53.2	
4"	3	2	1		2				2		2			1	2	2	4"	17	56.9	
4"	3	2	2		2				2		2			1	2	2	4"	18	60.5	
4"	3	2	2		2		1		2		2			1	2	2	4"	19	63.6	
4"	3	2	2		2		2		2		2			1	2	2	4"	20	67.2	
4"	3	2	2		2		2		2		2		1	1	2	2	4"	21	70.3	
4"	3	2	2		2		2		2		2		2	1	2	2	4"	22	74.0	
4"	3	2	2		2		2		2		2		2	1	2	3	4"	23	77.5	
4"	3	2	2		2		2		2		2		2	2	2	3	4"	24	81.1	
4"	3	3	2		2		2		2		2		2	2	2	3	4"	25	84.6	
4"	3	3	2		2		2	1	2		2		2	2	2	3	4"	26	87.7	
4"	3	3	2		2		2	2	2		2		2	2	2	3	4"	27	91.4	
4"	4	3	2		2		2	2	2		2		2	2	2	3	4"	28	94.9	
4"	4	3	2		2		2	2	2		2		2	2	3	4	4"	29	98.4	
4"	4	3	3		2		2	2	2		2		2	2	3	4	4"	30	102	
4"	4	3	3		2		2	2	2		2		2	2	3	4	4"	31	105	
4"	4	3	3	1	2		2	2	2		2		2	2	3	4	4"	32	109	
4"	4	3	3	2	2		2	2	2		2		2	2	3	4	4"	33	112	
4"	4	3	3	2	2		2	2	2		2	1	2	2	3	4	4"	34	115	
4"	4	3	3	2	2		2	2	2		2	2	2	2	3	4	4"	35	119	
4"	4	3	3	2	2	1	2	2	2		2	2	2	2	3	4	4"	36	122	
4"	4	3	3	2	2	2	2	2	2		2	2	2	2	3	4	4"	37	126	
4"	4	3	3	2	2	2	2	2	2	1	2	2	2	2	3	4	4"	38	129	
4"	4	3	3	2	2	2	2	2	2	2	2	2	2	2	3	4	4"	39	132	
4"	4	4	3	2	2	2	2	2	2	2	2	2	2	2	3	4	4"	40	136	
4"	4	4	3	2	2	2	2	2	2	2	2	2	2	3	3	4	4"	41	139	
4"	4	4	3	2	2	2	2	2	2	2	2	2	2	3	4	4	4"	42	143	
4"	4	4	3	3	2	2	2	2	2	2	2	2	2	3	4	4	4"	43	146	
4"	4	4	3	3	2	2	2	2	2	2	3	2	2	3	4	4	4"	44	150	
4"	4	4	3	3	2	2	2	2	2	2	3	2	3	3	4	4	4"	45	153	