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C;	lculated Maximum Vel	ocity in Fuse Plug Char	inel
Discharge	Maximum Velocity	Section of	Lake Elevation
(cfs)	(ft/sec)	Maximum Velocity	(ft)
1,000	4.95	1900	1482.98
2,000	6.22	1900	1483.84
3,000	7.14	1900	1484.54
4,000	7.85	1900	1485.13
4,900 <sup>(1)</sup>	8.38	2328, 2100, 1900	1485.61
6,000	9.20	2100	1486.14
7,000	9.85	2100	1486.59
10,000	11.56	2100	1487.80
15,000	14.32	1772	1489.49
19,230	15.82	1772	1490.74
<sup>(1)</sup> A discharge of 4,9 Silver Lake immediat	00 cfs is comparable to t ely after the breach and v	he estimated May 14, 200 vashout of the fuse plug	03 discharge from embankment.
(US A	Maximum Char Army Corps of Enginee	1nel Velocities rs, EM 1110-2-1601, 19	991)
Channe	Channel Material		l Velocity (ft/sec)
Fine Sand	Fine Sand		2.0
Coarse Sand		4.0	
Fine Gravel		6.0	
Earth - Sandy Silt			2.0
Grass-lined Earth (slopes	less than 5%)		
Bermuda Grass on Sandy Silt		6.0	
Kentucky Blue Grass on Sandy Silt		5.0	



