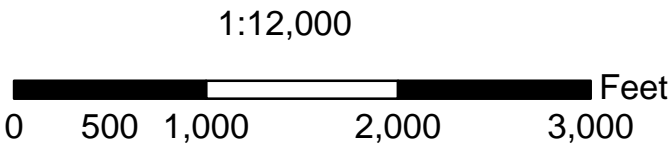


Section	HECRAS Station	Distance Downstream of Dam, ft	Max. Elev of Breach Flood	Elevation of Stream bed	Travel Time, hrs	Flow at Section @ Peak Elev	Flow Top Width at Section @ Peak Elev	Avg. Velocity at Section, ft/sec
CL Dam	Dry Creek_2_25212	0	1009.7	1001.9	0.3	11,244	290	8.4
15	Dry Creek_2_22844	2,368	980.9	968.5	0.3	10,441	147	9.9
14	Dry Creek_2_21780	3,432	974.5	960.9	0.3	10,128	208	6.1
13	Dry Creek_2_21443	3,770	972.4	958.8	0.3	10,083	419	7.3
12	Dry Creek_2_20856	4,356	968.3	955.2	0.4	9,641	501	4.2
11	Dry Creek_2_20453	4,760	966.6	952.8	0.4	9,385	283	6.1
10	Dry Creek_2_19447	5,766	963.5	950.4	0.4	9,056	503	4.0
9	Dry Creek_1_18802	6,411	961.7	948.6	0.6	5,640	492	2.3
8	Dry Creek_1_18107	7,106	961.5	944.1	0.6	5,316	539	1.2
7	Dry Creek_1_16102	9,111	961.5	934.5	0.6	5,212	837	0.4
6	Dry Creek_1_15914	9,298	941.9	934.0	0.6	5,203	283	4.9
5	Dry Creek_1_13278	11,935	925.6	915.9	0.7	5,017	345	4.7
4	Dry Creek_1_10581	14,631	906.4	898.7	0.9	4,787	470	4.0
3	Dry Creek_1_7483	17,730	887.7	878.9	1.0	4,523	331	3.7
9_TRIB	Dry Creek_1_4914	20,299	879.7	875.0	1.4	3,219	687	1.2
2	Dry Creek_1_2735	22,478	878.6	875.7	1.6	2,644	1,502	0.7
1	DDG-0267_1_969	7,380	961.7	960.3	0.6	10	74	0.2

* Travel time is measured from the initiation of breach formation to the time the breach wave arrives at the section.

The inundation area was developed based on a breach with the water surface at the Top of Dam elevation. Cross Sections were developed using 2-meter LIDAR data.



Attachment 1:
Inundation Area
Boundary Map

REVISIONS		
DATE	APPROVED	TITLE

Date	06/20/09
Designed	EWR
Drawn	DMM
Checked	JW
Approved	AGB

DDG-0320 NID-KS09220
DOUGLAS COUNTY, KANSAS



File Name	
Drawing Name	
07/01/2009	
Sheet 1 of 1	