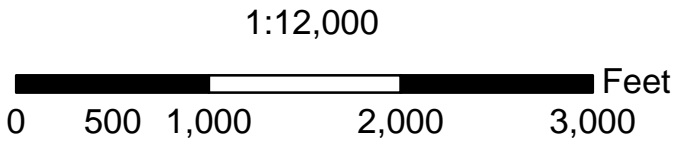


Section	HECRAS Station	Distance Downstream of Dam, ft	Max. Elev of Breach Flood	Elevation of Stream bed	Travel Time, hrs	Flow at Section @ Peak Elev	Flow Top Width at Section @ Peak Elev	Avg. Velocity at Section, ft/sec
CL Dam	DDG- 0267_1_1358	0	978.4	969.6	0.2	20,019	321	11.2
12	DDG- 0267_1_969	390	972.3	960.3	0.2	19,603	346	9.0
11	DDG- 0267_1_297	1,062	963.3	954.3	0.2	19,268	172	16.6
10	Dry Creek_1_18802	1,358	961.8	948.6	0.3	16,160	499	6.3
9	Dry Creek_1_18107	2,054	957.8	944.1	0.3	15,756	508	6.4
8	Dry Creek_1_16102	4,059	951.1	934.5	0.3	12,887	603	2.5
7	Dry Creek_1_16004	4,156	947.7	934.0	0.3	12,876	77	18.9
6	Dry Creek_1_15914	4,246	945.0	934.0	0.3	12,779	404	6.1
5	Dry Creek_1_13278	6,882	928.0	915.9	0.5	12,088	444	6.1
4	Dry Creek_1_10581	9,579	908.6	898.7	0.5	11,452	581	4.8
3	Dry Creek_1_7483	12,678	890.3	878.9	0.7	10,601	382	5.0
2	Dry Creek_1_4914	15,247	881.3	875.0	0.8	7,551	700	2.0
1	Dry Creek_1_2735	17,426	880.4	875.7	1.0	4,821	1,502	0.8
10_TRIB1	Dry Creek_2_19447	2,004	961.9	950.4	0.3	- 923	420	- 0.6
10_TRIB	Dry Creek_2_20453	3,009	962.2	952.8	0.3	- 70	183	- 0.1

* 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-0267 NID-KS07156
DOUGLAS COUNTY, KANSAS



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