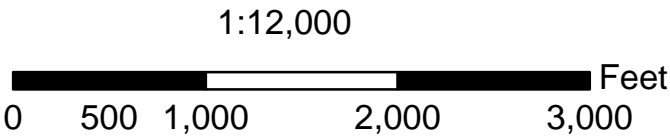


Section	HECRAS Station	Distance Downstream of Dam, ft	Max. Elev of Breach Flood	Elevation of Stream bed	Travel Time, hrs	Flow at Section @ Peak Elev	Flow Top Width at Section @ Peak Elev	Avg. Velocity at Section, ft/sec
CL Dam	DDG0283_1_7734	0	981.3	970.2	0.2	17,122	206	14.6
8	DDG0283_1_6372	1,362	942.5	928.3	0.2	15,993	381	7.0
7	DDG0283_1_4645	3,089	919.8	909.2	0.3	13,567	360	7.8
6	DDG0283_1_3065	4,669	903.6	891.6	0.3	12,485	434	6.6
5	DDG0283_1_2119	5,615	894.8	880.6	0.4	11,803	451	7.2
4	DDG0283_1_1201	6,533	886.6	877.3	0.4	10,212	648	3.8
3	Wakarusa River_60_10458	7,734	881.2	875.1	0.5	5,639	928	1.9
3_TRIB	Coon Creek_1_2258	9,992	881.6	875.8	0.6	114	93	0.4
2	Wakarusa River_60_8804	9,388	877.5	874.9	1.4	1,472	1,409	0.6
1	Wakarusa River_60_7890	10,302	877.2	874.9	1.4	1,435	1,772	0.7

\* 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

DDG-0283    NID-KS04091  
DOUGLAS COUNTY, KANSAS

Natural Resources Conservation Service  
United States Department of Agriculture

File Name

Drawing Name

07/01/2009  
Sheet 1 of 1

Designed	_____	EWR	_____	Date	06/20/09
Drawn	_____	DMM	_____		07/01/2009
Checked	_____	JW	_____		06/20/09
Approved	_____	AGB	_____		06/20/09