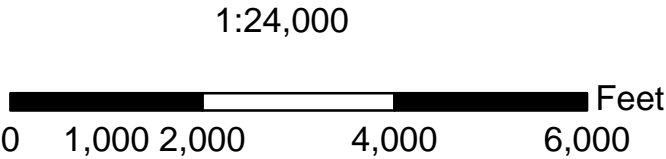


Section	HECRAS Station	Distance Downstream of Dam, ft	Max. Elev of Breach Flood	Elevation of Travel Stream bed	Time, hrs	Flow at Section # Peak Elev	Flow Top Width at Section # Peak Elev	Avg Velocity at Section, ft/sec
CL Dam	DDG-0101_1_180	0	1051.4	1045.3	0.1	13,275	444	8.6
38	DDG-0101_1_6498	682	1026.7	1016.6	0.2	8,196	196	7.7
37	DDG-0101_1_5759	1,421	1018.5	1008.7	0.2	6,965	182	6.7
36	DDG-0101_1_5428	1,752	1014.8	1005.0	0.2	6,943	121	10.0
35	DDG-0101_1_4716	2,464	1011.7	1003.4	0.2	6,879	537	1.7
34	DDG-0101_1_4624	2,556	996.2	991.0	0.2	6,879	263	7.6
33	DDG-0101_1_3468	3,712	978.1	969.0	0.2	6,750	426	6.2
32	DDG-0101_1_2384	4,796	964.1	956.0	0.3	6,101	761	2.1
31	DDG-0101_1_492	6,688	952.3	941.3	0.4	5,404	500	3.5
30	Deer Creek_3_26186	7,205	950.4	939.9	0.4	4,591	358	3.7
30 TRIB	DDG-0229_1_25	7,230	950.7	940.1	0.4	10	34	0.1
29	Deer Creek_3_26063	7,327	950.3	939.4	0.4	4,588	373	2.8
28	Deer Creek_3_25618	7,772	949.1	939.4	0.4	4,372	226	3.7
27	Deer Creek_3_24193	9,198	944.7	938.1	0.5	3,733	830	2.4
26	Deer Creek_3_23605	9,785	942.7	935.3	0.6	3,050	833	1.8
25	Deer Creek_3_22833	10,557	941.3	932.9	0.7	2,626	580	2.1
24	Deer Creek_3_22262	11,128	939.7	931.9	0.8	2,458	552	2.3
23	Deer Creek_3_20677	12,713	934.1	925.9	0.8	2,402	165	4.8
22	Deer Creek_3_19704	13,687	930.1	921.8	0.9	2,360	185	5.7
21	Deer Creek_3_19378	14,013	929.0	920.0	0.9	2,304	528	2.3
20	Deer Creek_3_18167	15,224	925.5	918.1	1.0	2,223	127	4.6
19	Deer Creek_3_17550	15,841	923.8	915.0	1.0	2,097	101	3.6
18	Deer Creek_3_16129	17,262	922.0	912.8	1.1	1,883	188	2.3
17	Deer Creek_3_15540	17,850	921.2	912.7	1.2	1,812	120	3.2
16	Deer Creek_3_14650	18,741	920.0	909.1	1.2	1,671	252	2.1
15	Deer Creek_3_13026	20,365	912.2	903.1	1.3	1,615	91	8.6
15 TRIB	DDG-0170_1_384	20,559	912.2	903.1	1.3	10	91	0.1
14	Deer Creek_3_12833	20,557	911.0	902.0	1.3	1,597	194	2.8
13	Deer Creek_3_12147	21,244	909.0	900.0	1.4	1,584	156	3.8
12	Deer Creek_3_10332	23,059	901.5	894.7	1.5	1,526	355	2.9
11	Deer Creek_3_9807	23,584	899.1	892.7	1.6	1,508	81	4.6
10	Deer Creek_3_8990	24,400	896.2	888.9	1.6	1,498	162	3.5
9	Deer Creek_3_8565	24,826	894.7	886.9	1.6	1,496	94	4.5
8	Deer Creek_3_8391	25,000	894.0	886.4	1.6	1,505	116	4.5
7	Deer Creek_3_8068	25,323	892.8	884.9	1.6	1,497	142	3.5
6	Deer Creek_3_6497	26,893	888.4	882.5	1.8	1,436	185	2.8
5	Deer Creek_3_4133	29,257	885.4	876.6	2.0	1,271	218	2.0
4	Deer Creek_3_3067	30,323	884.6	877.1	2.0	1,239	80	2.8
3	Deer Creek_3_2502	30,889	883.9	876.6	2.1	1,202	371	1.9
2	Deer Creek_3_1729	31,661	883.1	877.0	2.2	1,048	488	1.3
1	Deer Creek_3_1070	32,321	882.8	876.0	2.3	928	879	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

Designed	EWR	Date	06/20/09
Drawn	DMM	Date	06/30/2009
Checked	JW	Date	06/20/09
Approved	AGB	Date	06/20/09

DDG-0101 NID-KS07694  
DOUGLAS COUNTY, KANSAS



File Name
Drawing Name
6/30/2009 Sheet 1 of 1