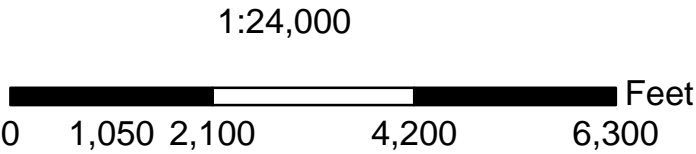


Section	HECRAS Station	Distance Downstream of Dam, ft	Max. Elev of Breach Flood	Elevation of Stream bed	Travel Time, hrs	Flow at Section @ Peak Elev	Flow Top width at Section @ Peak Elev	Avg. Velocity at Section, ft/sec
CL Dam	DDG- 0173_1_4624	0	997.5	991.0	0.2	11,568	285	9.1
33	DDG- 0173_1_3468	1,156	979.2	969.0	0.2	11,041	597	6.9
32	DDG- 0173_1_2384	2,241	965.2	956.0	0.2	9,337	804	2.5
31	DDG- 0173_1_492	4,133	953.0	941.3	0.3	8,085	507	4.3
30	Deer Creek_3_26211	4,624	952.0	939.9	0.3	7,051	394	4.0
30_TRIB	DDG- 0229_1_25	4,649	952.0	940.1	0.3	96	38	0.4
29	Deer Creek_3_26063	4,772	951.7	939.4	0.3	6,845	399	3.2
28	Deer Creek_3_25618	5,217	950.4	939.4	0.4	6,588	245	4.5
27	Deer Creek_3_24193	6,642	945.4	938.1	0.4	5,638	888	2.6
26	Deer Creek_3_23605	7,229	943.5	935.3	0.5	4,556	857	1.9
25	Deer Creek_3_22833	8,002	942.3	932.9	0.6	4,116	820	2.1
24	Deer Creek_3_22262	8,573	940.9	931.9	0.7	3,646	583	2.1
23	Deer Creek_3_20677	10,158	935.6	925.9	0.7	3,552	423	3.6
22	Deer Creek_3_19704	11,131	931.2	921.8	0.7	3,486	310	5.0
21	Deer Creek_3_19378	11,457	930.1	920.0	0.8	3,310	710	1.9
20	Deer Creek_3_18167	12,668	926.7	918.1	0.9	3,158	136	4.9
19	Deer Creek_3_17550	13,285	925.2	915.0	0.9	2,921	500	2.9
18	Deer Creek_3_16129	14,706	923.2	912.8	1.0	2,659	385	2.3
17	Deer Creek_3_15540	15,294	922.3	912.7	1.1	2,599	133	3.7
16	Deer Creek_3_14650	16,185	921.0	909.1	1.1	2,476	265	2.4
15	Deer Creek_2_13026	17,809	913.3	903.1	1.2	2,544	144	7.9
15_TRIB	DDG- 0170_1_216	17,834	913.3	903.1	1.2	100	144	0.3
14	Deer Creek_2_12833	18,002	912.3	902.0	1.2	2,520	251	3.0
13	Deer Creek_2_12147	18,688	910.1	900.0	1.2	2,502	162	4.2
12	Deer Creek_2_10332	20,503	902.4	894.7	1.4	2,411	667	2.3
11	Deer Creek_2_9807	21,028	900.6	892.7	1.4	2,359	412	3.5
10	Deer Creek_2_8990	21,845	897.4	888.9	1.5	2,338	434	3.0
9	Deer Creek_2_8565	22,270	895.6	886.9	1.5	2,330	183	5.3
8	Deer Creek_1_8391	22,444	895.0	886.4	1.5	2,426	239	5.2
8_TRIB	DDG- 0282_1_25	22,469	895.0	889.0	1.5	100	11	3.0
7	Deer Creek_1_8068	22,767	894.0	884.9	1.5	2,408	317	3.3
6	Deer Creek_1_6497	24,337	890.0	882.5	1.7	2,284	333	2.5
5	Deer Creek_1_4133	26,702	886.7	876.6	1.9	2,056	1,014	1.7
4	Deer Creek_1_3067	27,768	885.7	877.1	2.0	1,983	723	2.5
3	Deer Creek_1_2502	28,333	884.9	876.6	2.0	1,936	494	1.8
2	Deer Creek_1_1729	29,106	884.0	877.0	2.2	1,764	669	1.3
1	Deer Creek_1_1070	29,765	883.8	876.0	2.2	1,644	1,096	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

Date _____

Designed _____ EWR

Drawn _____ DMM

Checked _____ JW

Approved _____ AGB

DDG-0173 NID-KS00595
DOUGLAS COUNTY, KANSAS



File Name _____

Drawing Name _____

6/30/2009

Sheet 1 of 1