

Site Statistics Summary
February 4, 2015
DRAFT - Preliminary Site Identification

Site ID	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Drainage Area (Square Miles)	Storage @ Spillway (Acre-Feet)	Storage (Inches)	Spillway Elevation* (NAVD88)	Maximum Spillway Depth* (NAVD88)	Average Pool Depth at Spillway* (NAVD88)	Spillway Surface Area* (Acres)	Top of Dam Elevation* (NAVD88)	Average Top of Dam Height* (NAVD88)	Top of Dam Surface Area* (Acres)	Impact Cropland at Max. Spillway Depth (Acres)	Impacted Hay and Pasture at Max. Spillway Depth (Acres)	Impact Forested Land at Max. Spillway Depth (Acres)	Impact Wetlands at Max. Spillway Depth (Acres)	Currently CRP at Max. Spillway Depth (Acres)	Currently WRP at Max. Spillway Depth (Acres)	Stakeholder Comments
Cart Site 1 - Pool A	X		X				X		26.1 (1) 19.6 (3)	2682	1.93 (1) 2.57 (3)	980	15	6	475	985	8.9	577	365	61	0	34	133	205	
Cart Site 1 - Pool B**	X		X				X		2.3	545	2.13	970	13	5	115	973	6.1	149	97	0	14	2	10	0	
Cart Site 2 - Upper		X	X				X		12.2	2093	3.21	1195.5	17	5	499	1200.5	12.5	717	70	366	2	37	10	263	
Cart Site 2 - Lower		X	X				X		13.3	2709	3.53	1171	12	6	457	1176	9.9	623	188	244	1	8	0	1	
North Branch Site 1- Milton Dam**					X	X	X		45.0	2304	0.96	1555	51	15	150	1565	26.7	246	20	47	0	1	8	0	
North Branch Site 2**				X		X	X		65.6	3848	1.10	939	16	7	583	944	10.1	596	578	0	3	0	0	0	
West 32 1-A**								X	3.2	113	0.65	1352.37	35	12	9.2	1357.37	22.2	11.7	0.0	0.0	8.0	0.0	0.0	0.0	
West 32 1-B**								X	5.3	315	1.11	1207.79	23	7	48.2	1212.79	11.9	64.9	33.6	0.1	6.6	7.9	0.0	0.0	
West 32 1-C**								X	7.2	239	0.62	1120.16	28	11	21.9	1125.16	12.2	29.2	0.0	0.5	0.0	19.6	0.0	0.0	
West 32 2-A**								X	5.7	254	0.84	1274.94	32	12	21.3	1279.94	21.0	27.1	0.0	0.0	7.1	0.0	0.0	0.0	
West 32 2-B**								X	8.1	391	0.90	1153.91	35	12	33.8	1158.91	14.4	43.4	0.0	1.1	13.1	0.1	0.0	0.0	
West 32 2-C**								X	13.0	439	0.63	1079.5	34	13	32.8	1084.5	17.5	39.9	0.0	0.0	0.1	26.7	0.0	0.0	
West 32 3-A**								X	1.8	27	0.29	1091.93	22	6	4.8	1096.93	5.5	15.9	0.1	1.1	2.2	1.0	0.0	0.0	
West 32 4-A**								X	1.7	42	0.46	1266.03	14	4	9.8	1271.03	12.1	15.8	0.0	0.0	5.4	0.0	0.0	0.0	
West 32 4-B**								X	3.4	183	1.00	1286.86	26	11	17.4	1291.86	12.0	22.1	0.0	0.0	7.6	5.7	0.0	0.0	
West 32 4-C**								X	14.0	298	0.40	1159.84	31	9	33.0	1164.84	13.6	62.2	0.0	24.7	0.0	3.8	0.0	0.0	

*Top of dam and spillway requirements should be considered approximate. Detailed spillway analysis will determine freeboard requirements.

** Site operated as "Flow-Through" - No Gated storage

Site Performance Summary

10-Year Synthetic Event
February 4, 2015

DRAFT - Preliminary Site Identification

Site ID													Stakeholder Comments
	Drainage Area (Square Miles)	Utilized Storage (Acre-Feet)	Utilized Storage (Inches)	Maximum Pool Elevation (NAVD88)	Maximum Pool Depth (Feet)	Maximum Pool Area (Acres)	Impact Cropland at Max. Pool Depth (Acres)	Impacted Hay and Pasture at Max. Pool Depth (Acres)	Impact Forested Land at Max. Pool Depth (Acres)	Impact Wetlands at Max. Pool Depth (Acres)	Currently CRP at Max. Pool Depth (Acres)	Currently WRP at Max. Pool Depth (Acres)	
Scenario 1													
Cart Site 1 - Pool A	26.1	2682	1.93	976.8	12.0	333	233	61	0	31	43	155	
Cart Site 1 - Pool B**	2.3	545	2.13	966.6	9.1	71	64	0	6	2	0	0	
Scenario 2													
Cart Site 2 - Upper	12.2	2093	3.21	1190.9	12.1	237	22	194	0	13	3	149	
Cart Site 2 - Lower	13.3	2709	3.53	1166.7	8.0	360	140	202	0	8	0	0	
Scenario 3													
Cart Site 1 - Pool A	19.6	2682	2.57	975.4	10.6	279	181	61	0	29	13	143	
Cart Site 1 - Pool B**	2.3	545	2.77	966.5	9.0	70	63	0	5	2	0	0	
Cart Site 2 - Upper	12.2	2093	3.21	1190.9	12.1	237	22	194	0	13	3	149	
Cart Site 2 - Lower	13.3	2709	3.53	1166.7	8.0	360	140	202	0	8	0	0	
Scenario 4													
North Branch Site 2**	65.6	3848	1.10	932.6	9.9	326	323	0	3	0	0	0	
Scenario 5													
North Branch Site 1- Milton Dam**	45.0	2304	0.96	1531.9	28.0	40	4	18	0	1	0	0	
Scenario 6													
North Branch Site 2**	65.6	3848	1.10	934.6	11.9	431	427	0	3	0	0	0	
North Branch Site 1- Milton Dam**	45.0	2304	0.96	1531.9	28.0	40	4	18	0	1	0	0	
Scenario 7													
Cart Site 1 - Pool A	26.1	2682	1.93	975.4	10.6	279	181	61	0	29	13	143	
Cart Site 1 - Pool B**	2.3	545	3.53	966.5	9.0	70	63	0	5	2	0	0	
Cart Site 2 - Upper	12.2	2093	3.21	1190.9	12.1	237	22	194	0	13	3	149	
Cart Site 2 - Lower***	13.3	2709	3.53	1166.7	8.0	360	140	202	0	8	0	0	
North Branch Site 2**	65.6	3848	1.10	934.6	11.9	431	427	0	3	0	0	0	
North Branch Site 1- Milton Dam**	45.0	2304	0.96	1531.9	28.0	40	4	18	0	1	0	0	
Scenario 8													
West 32 1-A**	3.2	113	0.65	1338.0	20.9	3	0.0	0.0	3.1	0.0	0.0	0.0	
West 32 1-B**	5.3	315	1.11	1202.8	18.5	30	22.4	0.1	3.1	4.7	0.0	0.0	
West 32 1-C**	7.2	239	0.62	1114.2	22.0	15	0.0	0.1	0.0	13.9	0.0	0.0	
West 32 2-A**	5.7	254	0.84	1262.4	19.0	10	0.0	0.0	1.1	0.0	0.0	0.0	
West 32 2-B**	8.1	391	0.90	1145.4	26.9	20	0.0	0.1	4.3	0.0	0.0	0.0	
West 32 2-C**	13.0	439	0.63	1070.3	25.2	22	0.0	0.0	0.0	16.1	0.0	0.0	
West 32 3-A**	1.8	27	0.29	1082.2	11.8	1	0.0	0.4	0.5	0.1	0.0	0.0	
West 32 4-A**	1.7	42	0.46	1260.8	8.3	4	0.0	0.0	2.5	0.0	0.0	0.0	
West 32 4-B**	3.4	183	1.00	1277.2	16.0	9	0.0	0.0	3.0	3.8	0.0	0.0	
West 32 4-C**	14.0	298	0.40	1148.5	19.5	11	0.0	6.7	0.0	3.4	0.0	0.0	

** Site operated as "Flow-Through" - No Gated storage

Site Performance Summary

25-Year Synthetic Event
February 4, 2015

DRAFT - Preliminary Site Identification

Site ID	Drainage Area (Square Miles)												Stakeholder Comments
	Utilized Storage (Acre-Feet)												
Utilized Storage (Inches)													
Maximum Pool Elevation (NAVD88)													
Maximum Pool Depth (Feet)													
Maximum Pool Area (Acres)													
Impact Cropland at Max. Pool Depth (Acres)													
Impacted Hay and Pasture at Max. Pool Depth (Acres)													
Impact Forested Land at Max. Pool Depth (Acres)													
Impact Wetlands at Max. Pool Depth (Acres)													
Currently CRP at Max. Pool Depth (Acres)													
Currently WRP at Max. Pool Depth (Acres)													
Stakeholder Comments													
Scenario 1													
Cart Site 1 - Pool A	26.1	2682	1.93	978.6	13.8	414	314	61	0	31	95	182	
Cart Site 1 - Pool B**	2.3	545	2.13	967.4	9.9	80	70	0	8	2	0	0	
Scenario 2													
Cart Site 2 - Upper	12.2	2093	3.21	1192.4	13.6	325	38	249	0	25	6	185	
Cart Site 2 - Lower	13.3	2709	3.53	1168.0	9.3	393	158	216	0	8	0	0	
Scenario 3													
Cart Site 1 - Pool A	19.6	2682	2.57	976.8	12.0	334	235	61	0	31	44	155	
Cart Site 1 - Pool B**	2.3	545	2.77	967.3	9.8	79	70	0	7	2	0	0	
Cart Site 2 - Upper	12.2	2093	3.21	1192.4	13.6	325	38	249	0	25	6	185	
Cart Site 2 - Lower	13.3	2709	3.53	1168.0	9.3	393	158	216	0	8	0	0	
Scenario 4													
North Branch Site 2**	65.6	3848	1.10	935.5	12.7	466	462	0	3	0	0	0	
Scenario 5													
North Branch Site 1- Milton Dam**	45.0	2304	0.96	1542.6	38.7	74	8	29	0	1	4	0	
Scenario 6													
North Branch Site 2**	65.6	3848	1.10	936.7	13.9	518	514	0	3	0	0	0	
North Branch Site 1- Milton Dam**	45.0	2304	0.96	1542.6	38.7	74	8	29	0	1	4	0	
Scenario 7													
Cart Site 1 - Pool A	26.1	2682	1.93	976.8	12.0	334	235	61	0	31	44	155	
Cart Site 1 - Pool B**	2.3	545	3.53	967.3	9.8	79	70	0	7	2	0	0	
Cart Site 2 - Upper	12.2	2093	3.21	1192.4	13.6	325	38	249	0	25	6	185	
Cart Site 2 - Lower***	13.3	2709	3.53	1168.0	9.3	393	158	216	0	8	0	0	
North Branch Site 2**	65.6	3848	1.10	936.7	13.9	518	514	0	3	0	0	0	
North Branch Site 1- Milton Dam**	45.0	2304	0.96	1542.6	38.7	74	8	29	0	1	4	0	
Scenario 8													
West 32 1-A**	3.2	113	0.65	1346.9	29.9	7	0.0	0.0	5.8	0.0	0.0	0.0	
West 32 1-B**	5.3	315	1.11	1206.0	21.7	42	29.7	0.1	5.7	6.5	0.0	0.0	
West 32 1-C**	7.2	239	0.62	1117.9	25.7	19	0.0	0.3	0.0	17.6	0.0	0.0	
West 32 2-A**	5.7	254	0.84	1270.1	26.7	16	0.0	0.0	3.8	0.0	0.0	0.0	
West 32 2-B**	8.1	391	0.90	1150.8	32.3	28	0.0	0.5	9.4	0.0	0.0	0.0	
West 32 2-C**	13.0	439	0.63	1076.0	30.8	28	0.0	0.0	0.0	21.9	0.0	0.0	
West 32 3-A**	1.8	27	0.29	1088.4	18.0	3	0.0	0.9	1.4	0.6	0.0	0.0	
West 32 4-A**	1.7	42	0.46	1264.0	11.6	8	0.0	0.0	4.2	0.0	0.0	0.0	
West 32 4-B**	3.4	183	1.00	1283.2	22.0	14	0.0	0.0	5.4	4.9	0.0	0.0	
West 32 4-C**	14.0	298	0.40	1155.6	26.6	24	0.0	17.1	0.0	3.8	0.0	0.0	

** Site operated as "Flow-Through" - No Gated storage

Site Performance Summary

50-Year Synthetic Event
February 4, 2015

DRAFT - Preliminary Site Identification

Site ID	Drainage Area (Square Miles)												Stakeholder Comments
	Utilized Storage (Acre-Feet)												
Utilized Storage (Inches)													
Maximum Pool Elevation (NAVD88)													
Maximum Pool Depth (Feet)													
Maximum Pool Area (Acres)													
Impact Cropland at Max. Pool Depth (Acres)													
Impacted Hay and Pasture at Max. Pool Depth (Acres)													
Impact Forested Land at Max. Pool Depth (Acres)													
Impact Wetlands at Max. Pool Depth (Acres)													
Currently CRP at Max. Pool Depth (Acres)													
Currently WRP at Max. Pool Depth (Acres)													
Stakeholder Comments													
Scenario 1													
Cart Site 1 - Pool A	26.1	2682	1.93	979.8	15.0	466	357	61	0	33	128	201	
Cart Site 1 - Pool B**	2.3	545	2.13	967.9	10.5	84	73	0	9	2	0	0	
Scenario 2													
Cart Site 2 - Upper	12.2	2093	3.21	1193.3	14.5	381	54	279	0	31	9	219	
Cart Site 2 - Lower	13.3	2709	3.53	1168.8	10.1	410	166	225	0	8	0	0	
Scenario 3													
Cart Site 1 - Pool A	19.6	2682	2.57	977.8	13.0	375	275	61	0	31	70	168	
Cart Site 1 - Pool B**	2.3	545	2.77	967.9	10.4	84	73	0	9	2	0	0	
Cart Site 2 - Upper	12.2	2093	3.21	1193.3	14.5	381	54	279	0	31	9	219	
Cart Site 2 - Lower	13.3	2709	3.53	1168.8	10.1	410	166	225	0	8	0	0	
Scenario 4													
North Branch Site 2**	65.6	3848	1.10	937.3	14.6	538	535	0	3	0	0	0	
Scenario 5													
North Branch Site 1- Milton Dam**	45.0	2304	0.96	1548.8	44.9	110	14	37	0	1	6	0	
Scenario 6													
North Branch Site 2**	65.6	3848	1.10	937.9	15.2	558	554	0	3	0	0	0	
North Branch Site 1- Milton Dam**	45.0	2304	0.96	1548.8	44.9	110	14	37	0	1	6	0	
Scenario 7													
Cart Site 1 - Pool A	26.1	2682	1.93	977.8	13.0	375	275	61	0	31	70	168	
Cart Site 1 - Pool B**	2.3	545	3.53	967.9	10.4	84	73	0	9	2	0	0	
Cart Site 2 - Upper	12.2	2093	3.21	1193.3	14.5	381	54	279	0	31	9	219	
Cart Site 2 - Lower***	13.3	2709	3.53	1168.8	10.1	410	166	225	0	8	0	0	
North Branch Site 2**	65.6	3848	1.10	937.9	15.2	558	554	0	3	0	0	0	
North Branch Site 1- Milton Dam**	45.0	2304	0.96	1548.8	44.9	110	14	37	0	1	6	0	
Scenario 8													
West 32 1-A**	3.2	113	0.65	1352.4	35.3	9	0.0	0.0	8.0	0.0	0.0	0.0	
West 32 1-B**	5.3	315	1.11	1207.8	23.4	48	33.6	0.1	6.6	7.9	0.0	0.0	
West 32 1-C**	7.2	239	0.62	1120.2	27.9	22	0.0	0.5	0.0	19.6	0.0	0.0	
West 32 2-A**	5.7	254	0.84	1274.9	31.6	21	0.0	0.0	7.1	0.0	0.0	0.0	
West 32 2-B**	8.1	391	0.90	1153.9	35.4	34	0.0	1.1	13.1	0.1	0.0	0.0	
West 32 2-C**	13.0	439	0.63	1079.5	34.4	33	0.0	0.0	0.1	26.7	0.0	0.0	
West 32 3-A**	1.8	27	0.29	1091.9	21.5	5	0.1	1.1	2.2	1.0	0.0	0.0	
West 32 4-A**	1.7	42	0.46	1266.0	13.6	10	0.0	0.0	5.4	0.0	0.0	0.0	
West 32 4-B**	3.4	183	1.00	1286.9	25.7	17	0.0	0.0	7.6	5.7	0.0	0.0	
West 32 4-C**	14.0	298	0.40	1159.8	30.8	33	0.0	24.7	0.0	3.8	0.0	0.0	

** Site operated as "Flow-Through" - No Gated storage

Site Performance Summary

100-Year Synthetic Event
February 4, 2015

DRAFT - Preliminary Site Identification

Site ID	Drainage Area (Square Miles)												Stakeholder Comments
	Utilized Storage (Acre-Feet)												
Utilized Storage (Inches)													
Maximum Pool Elevation (NAVD88)													
Maximum Pool Depth (Feet)													
Maximum Pool Area (Acres)													
Impact Cropland at Max. Pool Depth (Acres)													
Impacted Hay and Pasture at Max. Pool Depth (Acres)													
Impact Forested Land at Max. Pool Depth (Acres)													
Impact Wetlands at Max. Pool Depth (Acres)													
Currently CRP at Max. Pool Depth (Acres)													
Currently WRP at Max. Pool Depth (Acres)													
Scenario 1													
Cart Site 1 - Pool A	26.1	2682	1.93	980.6	15.8	501	388	61	0	36	149	215	
Cart Site 1 - Pool B**	2.3	545	2.13	969.2	11.7	106	91	0	12	2	9	0	
Scenario 2													
Cart Site 2 - Upper	12.2	2093	3.21	1194.1	15.4	431	64	311	0	36	10	243	
Cart Site 2 - Lower	13.3	2709	3.53	1169.7	11.0	428	175	232	0	8	0	0	
Scenario 3													
Cart Site 1 - Pool A	19.6	2682	2.57	978.7	13.9	417	317	61	0	31	98	183	
Cart Site 1 - Pool B**	2.3	545	2.77	968.4	11.0	91	79	0	10	2	3	0	
Cart Site 2 - Upper	12.2	2093	3.21	1194.1	15.4	431	64	311	0	36	10	243	
Cart Site 2 - Lower	13.3	2709	3.53	1169.7	11.0	428	175	232	0	8	0	0	
Scenario 4													
North Branch Site 2**	65.6	3848	1.10	938.9	16.2	582	577	0	3	0	0	0	
Scenario 5													
North Branch Site 1- Milton Dam**	45.0	2304	0.96	1554.1	50.2	143	19	45	0	1	8	0	
Scenario 6													
North Branch Site 2**	65.6	3848	1.10	939.0	16.3	583	577	0	3	0	0	0	
North Branch Site 1- Milton Dam**	45.0	2304	0.96	1554.1	50.2	143	19	45	0	1	8	0	
Scenario 7													
Cart Site 1 - Pool A	26.1	2682	1.93	978.7	13.9	417	317	61	0	31	98	183	
Cart Site 1 - Pool B**	2.3	545	3.53	968.4	11.0	91	79	0	10	2	3	0	
Cart Site 2 - Upper	12.2	2093	3.21	1194.1	15.4	431	64	311	0	36	10	243	
Cart Site 2 - Lower***	13.3	2709	3.53	1169.7	11.0	428	175	232	0	8	0	0	
North Branch Site 2**	65.6	3848	1.10	939.0	16.3	583	577	0	3	0	0	0	
North Branch Site 1- Milton Dam**	45.0	2304	0.96	1554.1	50.2	143	19	45	0	1	8	0	
Scenario 8													
West 32 1-A**	3.2	113	0.65	1352.7	35.7	9	0.0	0.0	8.2	0.0	0.0	0.0	
West 32 1-B**	5.3	315	1.11	1208.2	23.8	49	34.4	0.1	6.7	8.2	0.0	0.0	
West 32 1-C**	7.2	239	0.62	1120.6	28.4	23	0.0	0.6	0.0	20.3	0.0	0.0	
West 32 2-A**	5.7	254	0.84	1275.4	32.0	22	0.0	0.0	7.4	0.0	0.0	0.0	
West 32 2-B**	8.1	391	0.90	1154.5	35.9	35	0.0	1.3	13.6	0.1	0.0	0.0	
West 32 2-C**	13.0	439	0.63	1080.2	35.1	34	0.0	0.0	0.1	27.6	0.0	0.0	
West 32 3-A**	1.8	27	0.29	1092.2	21.8	5	0.2	1.1	2.3	1.0	0.1	0.0	
West 32 4-A**	1.7	42	0.46	1266.3	13.9	10	0.0	0.0	5.6	0.0	0.0	0.0	
West 32 4-B**	3.4	183	1.00	1287.3	26.1	18	0.0	0.0	7.9	5.7	0.0	0.0	
West 32 4-C**	14.0	298	0.40	1160.8	31.8	36	0.0	27.1	0.0	3.8	0.0	0.0	

** Site operated as "Flow-Through" - No Gated storage