

Appendix E
List of Soils in the Impact Zone of Upper Reservoir Failure

Area (acres)	Soil Group	Farmland Classification	Erosion Classification
96.00	Relfe-Sandbur complex, 0 to 3 percent slopes, frequently flooded	Farmland of statewide importance	Not highly erodible land
33.29	Killarney-Frenchmill complex, 15 to 45 percent slopes, rubbly	Not prime farmland	Highly erodible land
26.89	Relfe sandy loam, 0 to 3 percent slopes, occasionally flooded	Farmland of statewide importance	Potentially highly erodible land
18.50	Taterhill silt loam, 1 to 3 percent slopes	All areas are prime farmland	Not highly erodible land
15.92	Relfe sandy loam, 0 to 3 percent slopes, occasionally flooded	Farmland of statewide importance	Potentially highly erodible land
15.66	Gabriel silt loam, 0 to 3 percent slopes, rarely flooded	Prime farmland if drained	Not highly erodible land
13.93	Gabriel silt loam, 0 to 3 percent slopes, rarely flooded	Prime farmland if drained	Not highly erodible land
13.26	Irondale gravelly silt loam, 15 to 35 percent slopes, rocky, extremely bouldery	Not prime farmland	Highly erodible land
11.27	Taumsauk-Irondale-Rock outcrop complex, 15 to 45 percent slopes, extremely stony	Not prime farmland	Highly erodible land
10.79	Tilk very gravelly sandy loam, 0 to 3 percent slopes, rarely flooded	Farmland of statewide importance	Potentially highly erodible land
10.19	Rueter-Gepp complex, 8 to 15 percent slopes, stony	Not prime farmland	Highly erodible land
9.91	Midco very gravelly loam, 0 to 3 percent slopes, occasionally flooded	Farmland of statewide importance	Not highly erodible land
8.91	Relfe sandy loam, 0 to 3 percent slopes, occasionally flooded	Farmland of statewide importance	Potentially highly erodible land
7.73	Tilk very gravelly sandy loam, 0 to 3 percent slopes, rarely flooded	Farmland of statewide importance	Potentially highly erodible land
7.10	Waben gravelly silt loam, 3 to 8 percent slopes	Farmland of statewide importance	Potentially highly erodible land
6.98	Niangua-Bardley complex, 15 to 50	Not prime farmland	Highly erodible land

Area (acres)	Soil Group	Farmland Classification	Erosion Classification
	percent slopes, extremely stony		
6.85	Relfe sandy loam, 0 to 3 percent slopes, occasionally flooded	Farmland of statewide importance	Potentially highly erodible land
6.67	Batcave-Farewell complex, 0 to 3 percent slopes, frequently flooded	Farmland of statewide importance	Not highly erodible land
6.33	Relfe sandy loam, 0 to 3 percent slopes, occasionally flooded	Farmland of statewide importance	Potentially highly erodible land
6.25	Relfe sandy loam, 0 to 3 percent slopes, occasionally flooded	Farmland of statewide importance	Potentially highly erodible land
5.95	Alred-Rueter complex, 15 to 35 percent slopes, very stony	Not prime farmland	Highly erodible land
5.58	Arkana-Gepp complex, 8 to 15 percent slopes, rocky, stony	Not prime farmland	Highly erodible land
4.85	Taumsauk-Irondale-Rock outcrop complex, 15 to 45 percent slopes, extremely stony	Not prime farmland	Highly erodible land
4.52	Taterhill silt loam, 3 to 8 percent slopes	Farmland of statewide importance	Potentially highly erodible land
4.24	Secesh silt loam, 0 to 3 percent slopes, rarely flooded	All areas are prime farmland	Potentially highly erodible land
4.11	Alred-Rueter complex, 15 to 35 percent slopes, very stony	Not prime farmland	Highly erodible land
2.44	Taterhill silt loam, 3 to 8 percent slopes	Farmland of statewide importance	Potentially highly erodible land
2.28	Taumsauk-Irondale-Rock outcrop complex, 15 to 45 percent slopes, extremely stony	Not prime farmland	Highly erodible land
2.18	Lecoma silt loam, 3 to 8 percent slopes	Farmland of statewide importance	Potentially highly erodible land
1.93	Relfe sandy loam, 0 to 3 percent slopes, occasionally flooded	Farmland of statewide importance	Potentially highly erodible land
1.67	Irondale gravelly silt loam, 15 to 35 percent slopes, rocky, extremely bouldery	Not prime farmland	Highly erodible land
1.11	Relfe sandy loam, 0 to 3 percent slopes, occasionally flooded	Farmland of statewide importance	Potentially highly erodible land

Area (acres)	Soil Group	Farmland Classification	Erosion Classification
1.01	Taterhill silt loam, 3 to 8 percent slopes	importance Farmland of statewide importance	Potentially highly erodible land
0.95	Water	Not prime farmland	
0.94	Waben gravelly silt loam, 3 to 8 percent slopes	Farmland of statewide importance	Potentially highly erodible land
0.68	Niangua-Bardley complex, 15 to 50 percent slopes, extremely stony	Not prime farmland	Highly erodible land
0.29	Delassus gravelly silt loam, 8 to 15 percent slopes, very bouldery	Farmland of statewide importance	Highly erodible land
0.02	Rueter-Gepp complex, 8 to 15 percent slopes, stony	Not prime farmland	Highly erodible land
377.14	Total		