Appendix A
Bathymetric Contours for Herrington Lake Sampling Locations
Proposed Sample Locations

- Aquatic Invertebrates and Vegetation
- Sediment
- Surface Water Transect
- Fish Tissue

Note: USGS recorded depth at the Dix Dam in elevation (ft above sea level) not in depth below the water surface.
Figure A-2
Bathymetry Associated with Proposed Locations for Lower Herrington Lake
Rocky Run Embayment, Herrington Lake Corrective Action Plan
Mercer County, Kentucky

Proposed Sample Locations
- Aquatic Invertebrates and Vegetation
- Sediment
- Surface Water Transect
- Fish Tissue

Legend:
- LHL-1
- Rocky Run
- Rocky Fork
Bathymetry Associated with Proposed Locations for Lower Herrington Lake, Upstream of Curds Inlet and HQ Inlet, Herrington Lake Corrective Action Plan, Mercer County, Kentucky
NOTES:
Location A:
Subaqueous, close to the deepest point (thalweg) of the channel.
Location B:
Subaqueous ~ 3-5 feet below the water line at the time of sampling.
Location C:
Above winter pool elevation (~725 feet msl) and below summer pool elevation (~740 feet msl).
Proposed Sample Locations

- Pore water
- Surface Water Transect
- 2016 Sediment Sample Locations
- E.W. Brown Station

Bathymetry Associated with Proposed Locations for Hardin Inlet, Lower Herrington Lake, Herrington Lake Corrective Action Plan
Mercer County, Kentucky
Bathymetry Associated with Proposed Locations for
Lower Herrington Lake Mile 1, Herrington Lake Corrective Action Plan
Mercer County, Kentucky

Proposed Sample Locations
- Aquatic Invertebrates and Vegetation
- Sediment
- Surface Water Transect
- Fish Tissue

Map Design: AJS, Date: Mar 22, 2017
Project:

FIGURE A-6

Service Layer Credits: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, UDS, USGS, AEX, GeoCover, AEX, IGN, IGP, swisstopo, and the GIS User
Proposed Sample Locations

Aquatic Invertebrates and Vegetation
Sediment
Surface Water Transect
Fish Tissue

Bathymetry Associated with Proposed Locations for Cane Run
Lower Herrington Lake, Herrington Lake Corrective Action Plan,
Mercer County, Kentucky

FIGURE A-7
Proposed Sample Locations

- Aquatic Invertebrates and Vegetation
- Sediment
- Surface Water Transect
- Fish Tissue (Bluegill)
- Fish Tissue

Bathymetry Associated with Proposed Locations for Lower Herrington Lake Mile Marker 3, Upstream of Chimney Rock Camp
Herrington Lake Corrective Action Plan, Mercer County, Kentucky
Proposed Sample Locations

Aquatic Invertebrates and Vegetation
Sediment
Surface Water Transect

Bathymetry Associated with Proposed Locations for Middle Herrington Lake Mile 14, Herrington Lake Corrective Action Plan
Mercer County, Kentucky
Proposed Sample Locations

Aquatic Invertebrates and Vegetation
Sediment
Surface Water Transect
Fish Tissue

Bathymetry Associated with Proposed Locations for Middle Herrington Lake Mile 20, Herrington Lake Corrective Action Plan
Mercer County, Kentucky
Proposed Sample Locations

Aquatic Invertebrates and Vegetation

Sediment

Surface Water Transect

Fish Tissue

Bathymetry Associated with Proposed Locations Near Upper Herrington Lake Mile Marker 26, Herrington Lake Corrective Action Plan, Mercer County, Kentucky
Bathymetry Associated with Proposed Locations for Upper Herrington Lake Mile Marker 29, Downstream of the waterfall, Herrington Lake Corrective Action Plan, Mercer County, Kentucky