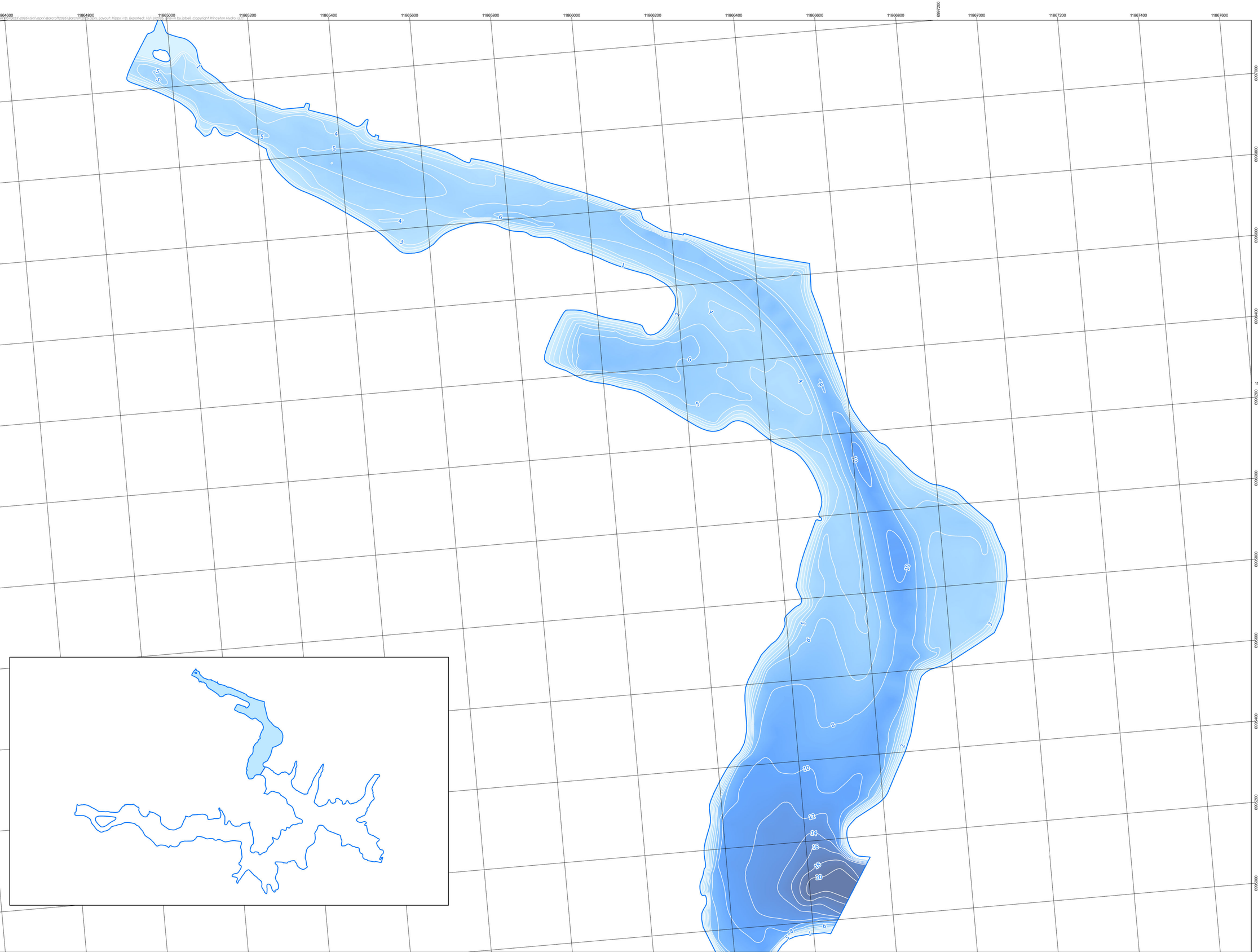
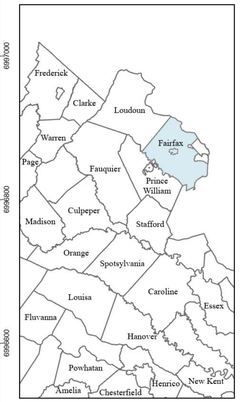
File: C:\VOL7_YOUSER\Projects\2026\2023\2026\GIS\aprx\Bathos\2026\Bathos_Layout_Strips1.tif; Exported: 10/13/2026 08:00:00 by jabell; Copyright Princeton Hydro, LLC



VIRGINIA COUNTY MAP



PRINCETON HYDRO
SCIENCE DESIGN ENGINEERING
www.PrincetonHydro.com

1 inch = 100 feet

0 100 200 Feet

NOTES:

BATHYMETRIC SURVEY CONDUCTED BY PRINCETON HYDRO ON 8/20 AND 8/21, 2026. DATA COLLECED WITH A KNUDSEN 1612 ECHOSOUNDER WITH HYPACK SOFTWARE AND A LEICA GS14 SURVEY GRADE GPS UNIT.

VIRGINIA COUNTY DATA OBTAINED FROM TEH US CENSUS BUREAU GEOGRAPHY DEPARTMENT WEBSITE

COORDINATE SYSTEM OF BORDER GRID IS STATEPLANE VIRGINIA NORTH, NORTH AMERICAN DATUM OF 1983 (NAD83).

ALL MODELING AND CONTOURING COMPLETED WITH ESRI'S ARCGIS PRO 3.1

Spatial Reference: NAD 1983 StatePlane Virginia North FIPS 4501 Feet

WATER DEPTH
HOLMES RUN DREDGE AREA
AUGUST 2026 SURVEY

LAKE BARCROFT WATERSHED IMPROVEMENT DISTRICT

FALLS CHURCH, FAIRFAX COUNTY VIRGINIA

Legend

- SURVEY BOUNDRY AREA
- WATER DEPTH CONTOURS