

FEMA RiskMAP Hydrographic Survey

Regions 2 (NY) & 3 (VA)



Project Owner:
Federal Emergency
Management Agency
(FEMA)

Professional Services:
2016-2018

Est. Professional Fees:
\$485,000

Contact:
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KEY ELEMENTS

- Fathometric/
Bathymetric survey



SUMMARY DETAIL:

Patriot Design & Consulting (PDC) provided Hydrographic Survey for the FEMA RiskMAP program in FY 2016, 2017 and 2018. PDC conducted channel profile surveys of designated stream drainages, including all structures in the designated area, these included bridges, culverts, and dams. Multiple crews worked together to provide timely results, all surveys completed early on water segments from small streams to the Hudson River. Total length surveyed is 371.18 miles.

FY2016 – FEMA Region 2

Hudson River	57.97 miles
Mohawk River	11.90 miles
White Creek	10.90 miles
Sixmile Creek	7.40 miles
Virgil Creek	7.60 miles
Fall Creek	7.20 miles
Enfield Creek	6.35 miles
Canandaigua Lake Outlet	21.60 miles
Fish Creek	3.60 miles
Great Brook	5.66 miles
Mud Creek	15.30 miles
Castle Creek	2.75 miles

FY2017 – FEMA Region 2

Great Chazy River	6.39 miles
Little Ausable River	10.03 miles
Salmon River	8.58 miles
Saranac River	39.94 miles
Ausable River	5.08 miles
Hudson River	12.12 miles

FY2018 – FEMA Region 3

Caroline County	48.46 miles
North Anna River & Pamunkey River	82.35 miles