

CR ENVIRONMENTAL, INC.

Ecological & Oceanographic Consultants, East Falmouth, Massachusetts 02536

Catskill Reservoir Dam Survey

Catskill Mountains, New York

CR Environmental performed detailed bathymetric, magnetic, sub-bottom, and sidescan surveys for GZA GeoEnvironmental in two Catskill Reservoirs to aid in dam reconstruction activities. At the Ashokan and Schoharie Reservoirs, bathymetric and sub-bottom surveys were conducted in the river channels and along the face of the dams to determine the accumulation of sediments. Side-scan and magnetic data were also collected to map man-made features, such as intake pipes, cofferdams and the old roads and foundations of the former towns beneath these reservoirs.

CR compiled a detailed report with bathymetric and magnetic contour maps, and sub-bottom and side-scan records. These data will help GZA and the New York City DEP in formulating a dredging plan at the reservoirs.



R/V Cyprinodon on a reservoir dam survey conducted with side-scan sonar, sub-bottom sonar, a cesium vapor magnetometer and narrow-beam echosounder.

Reference:

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