

NEW YORK STATE BARGE CANAL, WASTE WEIR (EAGLE
HARBOR)
(Erie Canal, Waste Weir (Eagle Harbor))
East of Eagle Harbor Road Bridge on south side of the canal
Gaines
Orleans County
New York

HAER NY-493
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WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN ENGINEERING RECORD
National Park Service
U.S. Department of the Interior
1849 C Street NW
Washington, DC 20240-0001

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NEW YORK STATE BARGE CANAL, WASTE WEIR (EAGLE HARBOR) Erie Canal, Waste Weir (Eagle Harbor)

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Location: East of Eagle Harbor Road Bridge on the south bank of the canal, Gaines, Orleans County, New York

The Waste Weir at Eagle Harbor is located at latitude: 43.253566, longitude: -78.246907. The point was obtained in 2009, and there is no restriction on its release to the public.

Significance: The Waste Weir at Eagle Harbor, located on the Erie Canal, is a component of the nationally significant New York State Barge Canal.

Description: The waste weir is located on the south bank of the canal and consists of a fixed-crest concrete spillway with three sluice gates and steel operating stands.¹ Pipe railings line the concrete operating trestle. The spillway crest is equipped with a steel flashboard. The waste weir is in good condition.

History: Contract 62 encompassed improvements to the Erie Canal from Orleans County to 0.16 miles east of Eagle Harbor Bridge for a distance of 14.15 miles. I.M. Ludington's Sons, Inc. of Rochester, New York, enlarged the canal and built necessary bridges, culverts, and waste weirs, including this one at Eagle Harbor. The waste weir had been completed by 1912.²

Sources:

Annual Report of the State Engineer and Surveyor of the State of New York for the Fiscal Year ended in September 30, 1911, Vol. 1. Albany: J.B. Lyon Company, 1912.

Annual Report of the State Engineer and Surveyor of the State of New York for the Fiscal Year ended in September 30, 1912, Vol. 1. Albany: J.B. Lyon Company, 1913.

Hay, Duncan. "New York State Barge Canal." National Register of Historic Places Registration Form, 2009.

Series B1762, New York State Archives, Albany, New York. "Western Division, Erie Canal, Section 10, Sta. 4572 to Sta. 4603." Approved December 3, 1924, 155.

Historians: Laura S. Black and Jami Babb, summer 2009

¹ Description of current conditions is based on a site visit made by the HAER recording team in summer 2009.

² *Annual Report of the State Engineer and Surveyor of the State of New York for the Fiscal Year ended in September 30, 1911, Vol. 1* (Albany: J.B. Lyon Company, 1912), 196; *Annual Report of the State Engineer and Surveyor of the State of New York for the Fiscal Year ended in September 30, 1912, Vol. 1* (Albany: J.B. Lyon Company, 1913), 250-51.

Project Information: The Historic American Engineering Record (HAER) is a long-range program that documents and interprets historically significant engineering sites and structures throughout the United States. HAER is part of Heritage Documentation Programs (Richard O'Connor, Manager), a division of the National Park Service, United States Department of the Interior. The New York State Barge Canal Survey was undertaken in summer 2009 in cooperation with the Erie Canalway National Heritage Corridor (ERIE), Beth Sciumeca, Executive Director. Justine Christianson, HAER Historian, and Duncan Hay, ERIE, served as project leaders. The staff of the New York State Canal Corporation provided access to the sites. Craig Williams of the New York State Museum provided research materials and assistance. The HAER field team consisted of Jami Babb and Laura Black.

Appendix: Images of Current Conditions



Image 1: Spillway in background and waste weir in foreground. Field photograph taken by HAER recording team, summer 2009.



Image 2: Waste weir showing sluice gate openings. Field photograph taken by HAER recording team, summer 2009.