



**US Army Corps
of Engineers®**
New York District

Hudson River, New York

Hudson River O&C - Operations and Routine Maintenance of Troy Lock & Dam

FACT SHEET**February 2012**

DESCRIPTION: Routine operation and maintenance of the Troy Lock and Dam project. The Troy Lock is operated by hired labor forces annually from 1 May through 30 Nov. Hired labor forces are also used to perform routine maintenance to the facility throughout the navigation season and during winter closure. Typical maintenance during the season includes minor repairs to the electrical, mechanical and hydraulic systems; routine greasing; building and grounds maintenance; etc. Maintenance performed during winter closure includes installation/removal of cofferdams and booms to protect lock from damage; clearing of debris from entrance channels; winterization of equipment; etc.

AUTHORIZATION: (Adopted 1910 to 1930, modified 1934, 1935, 1938, 1954) provides for: A channel 600 ft. wide, New York City to Kingston, thence 400 ft. wide to 2,200 ft. south of the Mall (Dunn) Bridge at Albany and anchorages near Hudson and Stuyvesant, all with depths of 32 ft. in soft material and 34 ft. in rock; thence 27 ft. deep and 400 ft. wide, 900 ft. south of the Mall (Dunn) Bridge; thence 14 ft. deep and generally 400 ft. wide, to the Federal Lock at Troy; and thence 14 ft. deep, 200 ft. wide, to the southern limit of the State Barge Canal at Waterford: with widening at bends and widings in front of the cities of Troy and Albany to form harbors 12 ft. deep. Length - N.Y.C. to Waterford about 155 miles. The removal of the State Dam at Troy. The construction of a lock and dam at Troy about 2.5 miles below Waterford.

STATUS: On-going. The Troy Lock has been operated annually since 1916. Annual appropriations fund continuing operations and maintenance. During FY 2011, Hurricane Irene and Tropical Storm Lee caused damage and deposited debris at the Troy Lock. FY 2012 funds will be used to repair items (ie. control stands, railings) and remove debris (ie. timber, pieces of docks).

OUTSTANDING ISSUES: None

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