

CANAL DELAWARE & HUDSON CANAL		(FOR ACS USE)	
STATUS abandoned -- partial restoration planned for Locks at Phillippsport & Cuddebackville		DATES OF CONSTRUCTION & CLOSURE 1825-1829 / 1899	
LOCATION (ENDPOINTS OF CANAL) Rondout, NY -- Honesdale, PA		LENGTH CANAL <u>105</u> SLACKWATER <u>3</u> TOTAL <u>108</u>	
LIFT LOCKS	NBR. <u>110</u>	DIMENSIONS LOCK CHAMBER <u>15</u> x <u>90</u> * <u>15</u> x <u>100</u> **	AQUEDUCTS NBR. <u>17</u>
TUNNELS <u>0</u>			
DESCRIPTION: [Type of navigation, features of note (include USGS coordinates where useful); e.g., feeders (navigable & otherwise), locks other than above, type of locks, use of unusual material or methods of construction, present owner, present use & condition, etc.] Towpath navigation. Notable features: 4 suspension aqueducts built by Roebling for the second enlargement (1846-1852): (1) Delaware (Previous to Roebling, Delaware was crossed in slack water using a rope ferry.) Survives today as a road bridge. (2) Lackawaxen (3) Neversink at Cuddebackville (replaced a two-span timber truss by Jervis), and (4) High Falls Aq. over Rondout Creek (originally a double-arched stone aqueduct.) 13 other aqueducts were wooden trunks upon stone piers & abutments. The 60 locks between Port Jervis & Kingston were of hamed stone, the remaining composite. Each had a 10' lift (except #24 with an 8' lift). Mitre gates all until about 1865 when upper gates were replaced by drop gates, and a closing mechanism was built on a bridge over the lower gates to speed locking through. Prism size 1829: 28x20x4; 1844: 44x26x5; 1852: 48x30x6; 1875: 48x32x6 *Result of second enlargement 1846-52; ** result of third enlargement, completed 1875.			
NAMES & ADDRESSES OF GROUPS CONCERNED WITH CANAL'S PRESERVATION/RESTORATION: Delaware & Hudson Canal Historical Society, High Falls, NY 12440 Orange County Citizens Foundation, Box 636, Goshen, NY 10924			
REPORTER'S NAME & ADDRESS: P.H. STOTT, Haines Road., Mount Kisco, NY 10549			DATE 24th May 1973
HISTORICAL SUMMARY: [Original aims of company, date of incorporation, prominent engineers, cause of closure, significant alterations to structure or route, height of traffic date, transfers of ownership, etc.] Initiative taken by William Wurts, discoverer of anthracite coal fields in Eastern PA and brother Maurice Wurts. New York City found to be the best market, and thus canal was originally constructed as a one-way route to transport hard coal to New York. Act of Incorporation in NY Legislature, April 23, 1823. Benjamin Wright; chief engineer, John Bloomfield Jervis, assistant; Philip Hone (later NYC mayor), President. Under Jervis's direction Gravity Railroad connected mines at Carbondale with wharves at Honesdale. Stationary steam engines worked each of five long planes. Throughout its lifetime remained in hands of original projectors. Year of highest tonnage: 1872 with 2.9 million tons From early 1870's more and more business transfers to rail; 1881: "abandonment is only a matter of time." Locomotive & rail capacity doubles in last three decades.			
BIOGRAPHICAL SUMMARY: [Published works relating to Canal] Whitford, Noble E., History of the Canal System of the State of New York, Albany, 1906 LeRoy, Edwin D., The D&H Canal -- A History. Honesdale, Wayne County Hist. Soc., 1950 A Century of Progress -- History of the D&H Company 1823-1923, Albany, 1925 Wakefield, Manville B., Coal Boats to Tidewater -- The Story of the D&H Canal, 1965 Vogel, Robert M., Roebling's D&H Canal Aqueducts, Smithsonian Institution Press, 1971			
UNPUBLISHED RECORDS, LOCATION OF PHOTOS, DRAWINGS & IMPORTANT PERIODICAL REFERENCES Roebling Collection, Rensselaer Polytechnic Institute, Troy NY Library of Rutgers Univ., New Brunswick, NJ; Special Collections HAER, measured drawings & photographs, Delaware Aqueduct & Canal at Lackawaxen			
NATIONAL REGISTER & HAER (HISTORIC AMERICAN ENGINEERING RECORD) STATUS: National Register: 5 separate sections: Cuddebackville, Lackawaxen, Honesdale, Alligerville (NY), and High Falls. A National Historic Landmark. 1972, Delaware Aqueduct designated an NHCEL by ASCE.			
RETURN TO: CANAL INDEX COMMITTEE, C/O P.H.STOTT, HAINES ROAD, MOUNT KISCO, NEW YORK 10549			

USGS coordinates for the 4 aqueducts, with 7.5 minute quad names:

Delaware: SHOHOLA, PA 013920  
Lackawaxen: SHOHOLA, PA 004923

Neversink: OTISVILLE, NY 332896  
High Falls: MOHONK LAKE, NY 725308