

Up-and-Down Sawmill
On east side of Lower Pine Creek Road (LR 15190),
.1 mile south of Yellow Springs Road (LR 15009)
Chester Springs Vicinity (West Pikeland Township)
Chester County
Pennsylvania

HABS No. PA-116

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PHOTOGRAPHS

HISTORICAL AND DESCRIPTIVE DATA

Historic American Buildings Survey
Heritage Conservation and Recreation Service
Department of the Interior
Washington, D.C. 20243

STATE Pennsylvania	COUNTY Chester	TOWN OR VICINITY Chester Springs Vicinity (West Pikeland Township)
HISTORIC NAME OF STRUCTURE (INCLUDE SOURCE FOR NAME) Up-and-Down Sawmill		HABS NO. PA-116
SECONDARY OR COMMON NAMES OF STRUCTURE		
COMPLETE ADDRESS (DESCRIBE LOCATION FOR RURAL SITES) On east side of Lower Pine Creek Road (LR 15190), .1 mile south of Yellow Springs Road (LR 15009).		
DATE OF CONSTRUCTION (INCLUDE SOURCE) Mid-19th century	ARCHITECT(S) (INCLUDE SOURCE)	
SIGNIFICANCE (ARCHITECTURAL AND HISTORICAL, INCLUDE ORIGINAL USE OF STRUCTURE) Unusual survival of a water-powered vertical saw with few changes. It was dismantled and moved to the National Museum of History and Technology, Smithsonian Institution, Washington, D.C.		
STYLE (IF APPROPRIATE)		
MATERIAL OF CONSTRUCTION (INCLUDE STRUCTURAL SYSTEMS) Wooden frame with stone foundation		
SHAPE AND DIMENSIONS OF STRUCTURE (SKETCHED FLOOR PLANS ON SEPARATE PAGES ARE ACCEPTABLE)		
EXTERIOR FEATURES OF NOTE This is a water-powered vertical saw with a single blade and wooden log carriage set in a heavy wooden frame. The saw operated at 100-130 strokes per minute and the log advanced approximately 2' per minute. The saw was contained in a frame superstructure on a stone foundation built over a millrace. A wooden undershot waterwheel was housed in a shed on the side. Water was supplied by an adjacent stone dam.		
INTERIOR FEATURES OF NOTE (DESCRIBE FLOOR PLANS, IF NOT SKETCHED)		
MAJOR ALTERATIONS AND ADDITIONS WITH DATES		
PRESENT CONDITION AND USE Dismantled and moved to the Smithsonian Institution, Washington, D.C.		
OTHER INFORMATION AS APPROPRIATE		
SOURCES OF INFORMATION (INCLUDE LISTING ON NATIONAL REGISTER, STATE REGISTERS, ETC.)		
COMPILER, AFFILIATION Deborah S. Burns, HABS	DATE 1979	