

407

**United States Department of the Interior
Heritage Conservation and Recreation Service**

**National Register of Historic Places
Inventory—Nomination Form**

For HCRS use only
received
date entered

See instructions in *How to Complete National Register Forms*
Type all entries—complete applicable sections

1. Name

historic Haines Mill

and/or common Haines Mill Museum

2. Location

street & number Walnut Street and Main Boulevard not for publication

city, town South Whitehall Township vicinity of congressional district 15

state Pennsylvania code 42 county Lehigh code 077

3. Classification

Category	Ownership	Status	Present Use
<u> </u> district	<u> X </u> public	<u> X </u> occupied	<u> </u> agriculture <u> X </u> museum
<u> X </u> building(s)	<u> </u> private	<u> </u> unoccupied	<u> </u> commercial <u> X </u> park
<u> </u> structure	<u> </u> both	<u> </u> work in progress	<u> X </u> educational <u> </u> private residence
<u> </u> site	Public Acquisition	Accessible	<u> </u> entertainment <u> </u> religious
<u> </u> object	<u> </u> in process	<u> </u> yes: restricted	<u> </u> government <u> </u> scientific
	<u> </u> being considered	<u> X </u> yes: unrestricted	<u> </u> industrial <u> </u> transportation
		<u> </u> no	<u> </u> military <u> </u> other:

4. Owner of Property

name County of Lehigh

street & number Lehigh County Courthouse, 5th & Hamilton Streets

city, town Allentown vicinity of state Pennsylvania 18101

5. Location of Legal Description

courthouse, registry of deeds, etc. Lehigh County Courthouse

street & number 5th & Hamilton Streets

city, town Allentown vicinity of state Pennsylvania

6. Representation in Existing Surveys

title Pennsylvania Inventory of Historic Places has this property been determined eligible? yes no

date 10/15/80 federal X state county local

depository for survey records PEMC

city, town Harrisburg vicinity of state Pennsylvania

7. Description

Condition

excellent
 good
 fair

deteriorated
 ruins
 unexposed

Check one

unaltered
 altered

Check one

original site
 moved date _____

Describe the present and original (if known) physical appearance

The Haines Mill is a four story stone building which was originally erected, according to local tradition, prior to the Civil War. A three-story brick addition was erected on the east side of the original structure in 1930. The original roof, which has been retained, is a gambrel roof which was partially altered on the east side to a lean-to roof over the 1930 addition. The roof is slate with three dormer windows, 6/6, on both the east and west sides. Crowning the roof is a cupola, gable roof, with four windows on the east and west sides, with three windows on the north and south sides, all 6/6. The original mill had board in gables over which had been placed four-inch wood siding. In the 1974-1975 renovation aluminum siding was placed over the wood siding for maintenance purposes. This represented the only real departure from the original exterior in the renovation program.

The building is three bays wide and four bays deep. The windows are six over six. The original building is 42' x 46'9" and the 1930 addition is 13'2" x 46'9". The interior structure is heavy timber. In the original building all floors are of wood. On the first and second floors, for museum purposes, hardwood flooring has been placed over the original. In the addition the first floor is concrete to support a diesel engine. There is one door on the north side for each of the four floors. They are all of wood; on the first, second and third floors the doors are two panelled and on the fourth floor the door is board and batten. In the addition, on the first floor there is a pair door paralleled with upper panel glass; on the second floor there is one panelled door. There is one simple brick chimney serving a store in the mill office on the second floor. It starts about six feet above the second floor where its base is supported on a shelf and extends through the roof in northwest corner of the original building. The major new installation in transforming the mill into a museum was the provision of restrooms on the second floor. Recessed and emergency lighting also was provided on the museum floors-the first and second floors. Four heating units were also provided on each of these floors.

When viewed from the west the Haines Mill Museum is a beautifully proportioned building topped by a chaste gambrel roof and a cupola which crowns the building in a distinguished manner. The proportions are somewhat distorted by the 1930 addition when viewed from the north, south and east but the rugged beauty of the original building is clearly visible.

8. Significance

Period	Areas of Significance—Check and justify below			
<input type="checkbox"/> prehistoric	<input type="checkbox"/> archeology-prehistoric	<input type="checkbox"/> community planning	<input type="checkbox"/> landscape architecture	<input type="checkbox"/> religion
<input type="checkbox"/> 1400-1499	<input type="checkbox"/> archeology-historic	<input type="checkbox"/> conservation	<input type="checkbox"/> law	<input type="checkbox"/> science
<input type="checkbox"/> 1500-1599	<input type="checkbox"/> agriculture	<input type="checkbox"/> economics	<input type="checkbox"/> literature	<input type="checkbox"/> sculpture
<input type="checkbox"/> 1600-1699	<input type="checkbox"/> architecture	<input type="checkbox"/> education	<input type="checkbox"/> military	<input type="checkbox"/> social/ humanitarian
<input type="checkbox"/> 1700-1799	<input type="checkbox"/> art	<input type="checkbox"/> engineering	<input type="checkbox"/> music	<input type="checkbox"/> theater
<input type="checkbox"/> 1800-1899	<input checked="" type="checkbox"/> commerce	<input type="checkbox"/> exploration/settlement	<input type="checkbox"/> philosophy	<input type="checkbox"/> transportation
<input checked="" type="checkbox"/> 1900-	<input type="checkbox"/> communications	<input checked="" type="checkbox"/> industry	<input type="checkbox"/> politics/government	<input type="checkbox"/> other (specify)
		<input type="checkbox"/> invention		

Specific dates 1908-09 **Builder/Architect**

Statement of Significance (in one paragraph)

The Haines Mill is a working example of a small-scale flour mill operation which, because of the modern equipment, made possible the continuation of a family-owned and operated enterprise into the third quarter of the twentieth century.

The significance of the Haines Mill rests on two grounds.

First, the present structure is the continuation of a grist mill which was erected on the site of the present mill about 1760. Therefore, it is a structure which had its beginnings in the colonial era. The walls of the main part of the existing building date from about 1840, according to local tradition. Therefore, the present building is almost one hundred and fifty years old. Viewed from another perspective it can be said that a mill on this site served local farmers for about two hundred years. Therefore, it is significant as a living reminder of an industry which was once indispensable to the agricultural community which it served directly and which was important to the economy of its urban neighbor, Allentown. Indeed, it is one of a few grist/flour mills in Lehigh County which still retains its equipment in operating condition.

But, in larger measure, its significance rests upon the reconstruction which took place after the disastrous fire of 1908. Prior to the fire, Haines Mill was a typical rural grist mill utilizing an undershot water wheel to move grind stones for the conversion of grain to flour. Following the reconstruction, Haines Mill was a thoroughly modern flour mill using a stock water turbine to operate a complete set of milling equipment to convert wheat, oats and corn into flour and meal. It was designed to be a commercially profitable enterprise serving a market located largely in South Whitehall Township and Allentown. In that reconstruction lies its significance today.

Its equipment is intact and in operating condition with the exception of irreplaceable silk screen sifters. Consequently, visitors to the mill can view all but one operation of a flour mill which had been in full production as recently as 1957. This equipment permitted the miller to carry on several operations-grinding wheat, bagging flour, shelling corn, cleaning oats-at the same time. The equipment, in movement on all four floors simultaneously, was controlled by one man. This complex set of rollers, separators, elevators, grinders linked to one another by belts and gears and moved by water power is an eloquent reminder of the fact that the essential elements of industrialization were applied successfully in a small mill operation of this type. Therefore, this was a modern mill even though much of its equipment was made of wood and water was its energy source. In a time when our society is reconsidering bigness as a criterion of economic utility this mill/museum is presented to the public as a possible model for renewed utilization of the water turbine as a source of power and a small manufacturing installation as a vehicle for profitable operation.

9. Major Bibliographical References

See Continuation Sheet.

10. Geographical Data

Acree of nominated property .35

Quadrangle name Allentown West, Pa.

Quadrangle scale 1:24,000

UMT References

A

1	8	4	5	4	9	7	0	4	4	9	2	6	1	0
Zone		Easting				Northing								

B

Zone		Easting				Northing								

C

Zone		Easting				Northing								

D

Zone		Easting				Northing								

E

Zone		Easting				Northing								

F

Zone		Easting				Northing								

G

Zone		Easting				Northing								

H

Zone		Easting				Northing								

Verbal boundary description and justification

Starting at a point on the southside of L.R. 39030 moving SE 125 ft.; then SW 125 ft.; then NW 125 ft. to southside of L.R. 39030; then NE 125 ft. along southside of road 125 ft. to starting point.

List all states and counties for properties overlapping state or county boundaries

state	code	county	code

state	code	county	code

11. Form Prepared By

name/title Dr. Mahlon H. Hellerich, Director, Office of Archives and Museums

organization Lehigh County

date

street & number Lehigh County Court House
455 Hamilton Street

telephone 215-820-3282

city or town Allentown state Pennsylvania 18101

12. State Historic Preservation Officer Certification

The evaluated significance of this property within the state is:

national state local

As the designated State Historic Preservation Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the Heritage Conservation and Recreation Service.

State Historic Preservation Officer signature

Ed Weintraub

title State Historic Preservation Officer

date

For HCRS use only

I hereby certify that this property is included in the National Register

date

Keeper of the National Register

Attest:

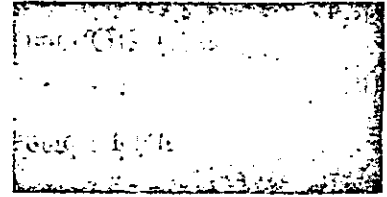
date

Chief of Registration

**United States Department of the Interior
Heritage Conservation and Recreation Service**

**National Register of Historic Places
Inventory—Nomination Form**

Haines Mill
Lehigh County



Continuation sheet

Item number

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Page 2

BIBLIOGRAPHICAL DATA: Original Indenture, in possession of Wilbur Haines, Cetronia, Pa.

Recorder of Deeds, City and County of Phila., pat. Book One, Volume 20, page 406					
" " " Northampton County	"	F	"	1	" 105
" " " " "	"	C	"	3	" 411
" " " Lehigh County	"		"	1	" 43

Register of Wills " " File 524

Recorder of Deeds " " " "	"	18	"	206
" " " " "	"	31	"	363
" " " " "	"	35	"	263
" " " " "	"	39	"	313
" " " " "	"	78	"	506
" " " " "	"	214	"	41
" " " " "	"	767	"	190
" " " " "	"	838	"	497
" " " " "	"	1164	"	1133

Roberts, C. R., et al., History of Lehigh County, Pa., Allentown, Pennsylvania; Lehigh Valley Publishing Co., Ltd., 1914 - Volume I, page 888
Volume II, page 490, 693-4, 697-8
Volume III, pages 819-821

Sunday Call-Chronicle, 10/15/70, Sec. F., page 1

Allentown Morning Call, 12/17/73

Allentown Evening Chronicle, 3/5/74, pages 21-22

Bethlehem Globe-Times, 3/29/74, page 1

Sunday Call-Chronicle, 12/30/56, page 19

Allentown Morning Call, 1/7/57, page 6

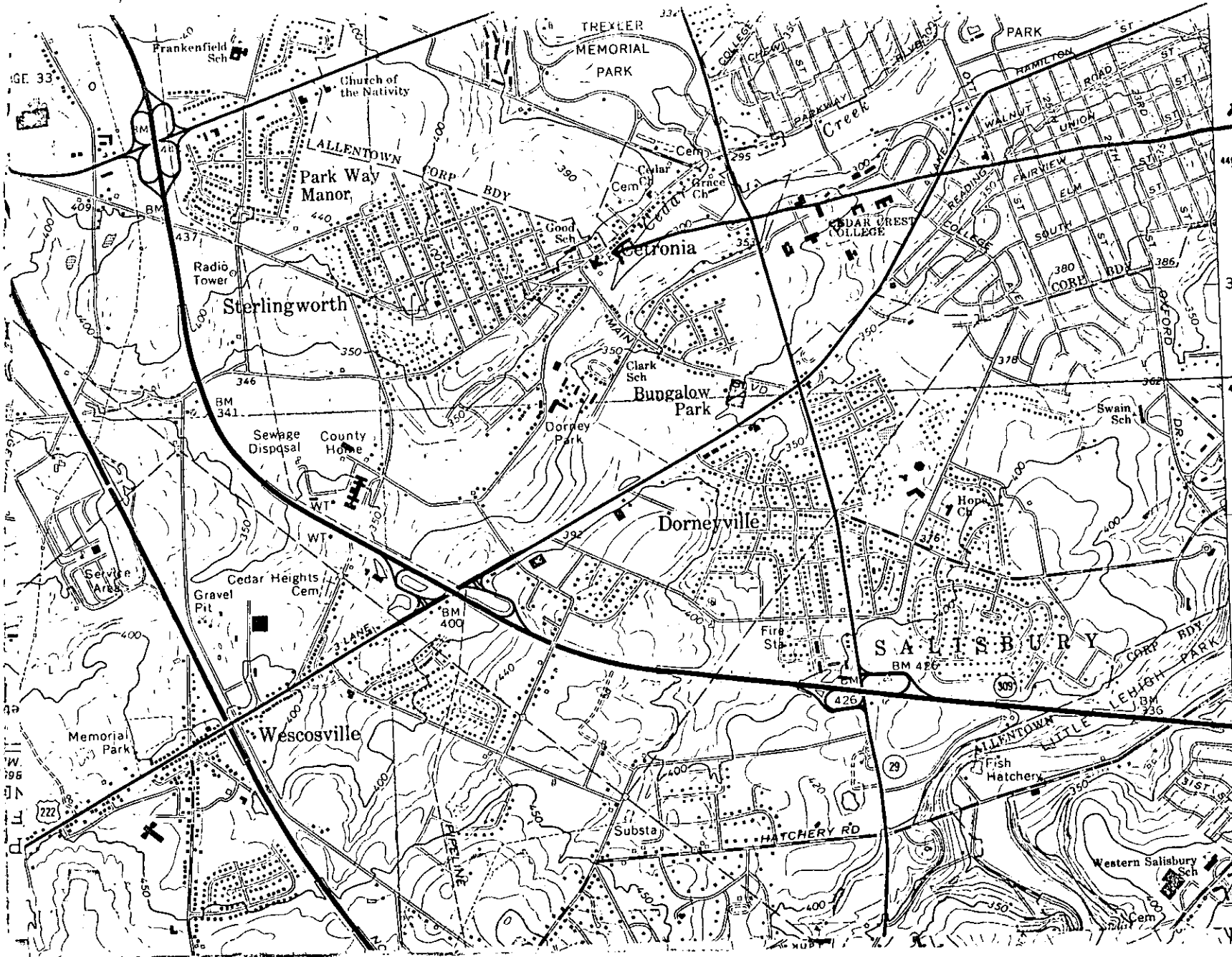
Allentown Morning Call, 1/11/57

Allentown Morning Call, 3/28/73

Sunday Call-Chronicle, 7/15/73, Sec. F, page 1

Historic Structures and Sites - Joint Planning Commission, Lehigh-Northampton Counties, May, 1970, Report III, pages 23 & 29

Hunter, Louis C., History of Industrial Power in the United States, 1780-1930. Volume One: Water Power in the Century of the Steam Engine. Charlottesville, Va.: published for the Eleutherian Mills-Hagley Foundation by the University Press of Virginia, 1979.



Haines Mill
Museum
9/8/80

7 MI. CENTER VALLEY
60 MI. PHILADELPHIA
SW 5965 III
ALLENTOWN EAST