

Standard Lime & Stone Quarry,
Pebble Lime Silo
County Route 27
Millville
Jefferson County
West Virginia

HAER No. WV-49-G

HAER
WVA
19-MILLV,
19-

~~PHOTOGRAPHS~~

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN ENGINEERING RECORD
MID-ATLANTIC REGION, NATIONAL PARK SERVICE
DEPARTMENT OF THE INTERIOR
PHILADELPHIA, PENNSYLVANIA 19106

HISTORIC AMERICAN ENGINEERING RECORD

Standard Lime & Stone Quarry, PEBBLE LIME SILO

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Location: Standard Lime & Stone Quarry, central portion of plant area, County Route 27, Millville, Jefferson County, West Virginia.

UTM: 18.4353590.260130
Quad: Charles Town, West Virginia

Significance: The Pebble Lime Silo is a surviving example of a storage facility for a dolomite product used in the manufacturing of furnace flux for steel mills.

Description: The silo is approximately 30 feet in diameter and at least 30 feet tall, constructed of concrete. The silo is reinforced on the exterior with steel rods. The structure is in deteriorated condition and is leaning to one side.

History: The Pebble Lime Silo was constructed by the Standard Lime & Stone Company around 1937 for the storage of pebble lime, a product created by kiln-firing pulverized dolomite. Pebble lime was a key ingredient in the Magnesium Oxide (P32) Operation for the manufacture of furnace flux. The flux was used by steel mills to create a pH basic component inside blast-furnaces.

Sources: Sellards & Grigg, Inc./GEI Consultants, Inc. "National Education and Training Center, Engineering Property Assessment for Old Standard Quarry Property (Martin Marietta Quarry Site), Site No. 2, Vol. 1." Report prepared for U.S. Fish and Wildlife Service, Denver, 1990.

Historian: Jill A. Chappel
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Greenhorne & O'Mara, Inc.
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