

**MARYLAND HISTORICAL TRUST
DETERMINATION OF ELIGIBILITY FORM**

NR Eligible: yes
no

Property Name: Chemical Storage Building (Building 25) Inventory Number: M: 35-9-14
 Address: 9000 Rockville Pike City: Bethesda Zip Code: 20892
 County: Montgomery USGS Topographic Map: Washington West Quadrangle DC-MD-VA
 Owner: United States of America (National Institutes of Health) Is the property being evaluated a district? yes
 Tax Parcel Number: _____ Tax Map Number: _____ Tax Account ID Number: _____
 Project: NHPA Section 110 compliance Agency: US Dept. HHS/National Institutes of Health
 Site visit by MHT Staff: no yes Name: _____ Date: _____
 Is the property located within a historic district? yes no

If the property is within a district District Inventory Number: _____
 NR-listed district yes Eligible district yes District Name: _____
 Preparer's Recommendation: Contributing resource yes no Non-contributing but eligible in another context

If the property is not within a district (or the property is a district)
 Preparer's Recommendation: Eligible yes no

Criteria: A B C D Considerations: A B C D E F G None

Documentation on the property/district is presented in: Maryland Historical Trust, MIHP Form M: 35-9-14

Description of Property and Eligibility Determination: *(Use continuation sheet if necessary and attach map and photo)*

The Chemical Storage Building (also known as Building 25) located on the Bethesda campus of the National Institutes of Health (NIH) has associations with the NIH's rapid physical development and expansion during its second decade on the suburban campus, but it remains essentially a service structure in support of, but not critical to the scientific research mission of the NIH. Its utilitarian architectural design, though efficient, is otherwise unremarkable and undistinguished. Thus, when elevated against the criteria for a National Register property determination for eligibility, there are in fact neither truly unique architectural features nor known historical events associated with its occupancy. Therefore, the Chemical Storage Building, also known of as Building 25, is determined not to be eligible for listing in the National Register of Historic Places (see: <http://www.nps.gov/nr/publications/bulletins/pdfs/nrb15.pdf>).

Prepared by: Philip W. Neuberg
 Philip W. Neuberg, AIA, NIH FHRO

Date Prepared: 08/14/2013

MARYLAND HISTORICAL TRUST REVIEW	
Eligibility recommended <input type="checkbox"/>	Eligibility not recommended <input checked="" type="checkbox"/>
Criteria: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D	Considerations: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> None
Comments: _____	
Reviewer, <u>Jonathan Sayer</u> Office of Preservation Services	<u>8/26/13</u> Date
Reviewer, <u>B. Kuntz</u> NR Program	<u>8/23/13</u> Date

201303709

Chemical Storage Building
National Institutes of Health Bethesda Campus, Bethesda, MD
Montgomery County
Approximate date of construction: 1953
Public access, with restrictions.

The Chemical Storage Building at the National Institutes of Health Bethesda Campus was constructed in 1953 to provide storage space for drums and cylinders of chemicals. The one-story building is rectangular in plan, 138'x48', plus an additional 25'x25' loading dock that was later appended to the northwest corner. The building fronts on a service road to the north with a fenced storage yard in the rear. All exterior wall finish is red brick veneer. The flat-roofed central building form hosts the only window openings. The east and west elevations have a stepped parapet walls. Between these bookends, a standing-seam metal shed roof covers and bridges both side wings. This unified roof and a deep, metal-clad bulkhead subsume the flat-roofed central mass, which had originally been the dominant, organizing element in a symmetrical composition. The current appearance of the building reflects changes of use over time and considerable alteration, culminating in its current use as a recycling collection and surplus property processing facility for the Division of Property Services.

The Chemical Storage Building has associations with the NIH's rapid physical development and expansion during its second decade on the suburban campus, but it remains essentially a service structure in support of, but not critical to the scientific research mission of the NIH. Its utilitarian architectural design is unremarkable and undistinguished, and has been considerably altered since 1953. Thus, when elevated against the criteria for a National Register property determination for eligibility, there are in fact neither truly unique architectural features nor known historical events associated with its occupancy. Therefore, the building does not meet the intent or the criteria for inclusion in the National Register of Historic Places.

7. Description

Inventory No. M: 35-9-14

Condition

excellent deteriorated
 good ruins
 fair altered

Prepare both a one paragraph summary and a comprehensive description of the resource and its various elements as it exists today.

Building 25 was constructed in 1953 to serve as a chemical storage facility. The building is bilaterally symmetrical, except for an additional loading dock on the northwest corner. The one-story building is rectangular in plan, 138'x48', plus an additional 25'x25' loading dock appended to the northwest corner. Setting aside this appendage, the main building has a bilaterally symmetrical massing composed of a central building form which is approximately 3 feet taller than flanking east and west wings. The building fronts on a service road to the north with a fenced storage yard in the rear. The current appearance of the building reflects changes of use over time and considerable alteration, culminating in its current use as a recycling collection and surplus property processing facility for the Division of Property Services.

All wall finish is red range clay brick (originally specified to match specified to match building 10), in running bond with concave tooled joints. Steel lintels span all openings. The central building form hosts the only window openings, and all sills and the coping are made of smooth buff limestone. The low-slope roof of the central portion is supported by a structure of site-cast concrete. There is a date stone with incised numerals. The east and west elevations have a stepped parapet walls which decrease in height from north to south and are capped with metal coping. A standing-seam metal shed roof covers and bridges both wings. This unified roof and a deep metal-clad bulkhead subsume the central mass which would otherwise be the dominant organizing building form. All exterior doors are hollow metal with metal frames. Except for the roof, most painted surfaces (including lintels, sashes, frames, and truck guards) are in poor condition with flaking paint.

According to record drawings, each east and west wing originally consisted of two unconditioned bays for storage of large drums and cylinders, divided by double-wythe clay brick walls and protected by chain link fence on the open north and south sides. These wings were roofed with a corrugated metal shed roof draining toward rear gutters. The original building has since been significantly altered. The first significant alteration was in 1960, during which the side bay walls were extended to the north. At a later indeterminate date, these side wings were changed to be brick on all sides, and the aforementioned standing seam metal roof was added.

See attached photographs and photograph list.

8. Significance

Inventory No. M: 35-9-14

Period	Areas of Significance	Check and justify below		
<input type="checkbox"/> 1600-1699	<input type="checkbox"/> agriculture	<input type="checkbox"/> economics	<input type="checkbox"/> health/medicine	<input type="checkbox"/> performing arts
<input type="checkbox"/> 1700-1799	<input type="checkbox"/> archeology	<input type="checkbox"/> education	<input type="checkbox"/> industry	<input type="checkbox"/> philosophy
<input type="checkbox"/> 1800-1899	<input type="checkbox"/> architecture	<input type="checkbox"/> engineering	<input type="checkbox"/> invention	<input type="checkbox"/> politics/government
<input checked="" type="checkbox"/> 1900-1999	<input type="checkbox"/> art	<input type="checkbox"/> entertainment/ recreation	<input type="checkbox"/> landscape architecture	<input type="checkbox"/> religion
<input type="checkbox"/> 2000-	<input type="checkbox"/> commerce	<input type="checkbox"/> ethnic heritage	<input type="checkbox"/> law	<input checked="" type="checkbox"/> science
	<input type="checkbox"/> communications	<input type="checkbox"/> exploration/ settlement	<input type="checkbox"/> literature	<input type="checkbox"/> social history
	<input type="checkbox"/> community planning		<input type="checkbox"/> maritime history	<input type="checkbox"/> transportation
	<input type="checkbox"/> conservation		<input type="checkbox"/> military	<input type="checkbox"/> other: _____

Specific dates	Architect/Builder	General Services Administration (architect)
Construction dates 1953		

Evaluation for:

National Register Maryland Register not evaluated

Prepare a one-paragraph summary statement of significance addressing applicable criteria, followed by a narrative discussion of the history of the resource and its context. (For compliance projects, complete evaluation on a DOE Form – see manual.)

Summary Statement of Significance

Research to date suggests that the Chemical Storage Building, also known of as Building 25, does not meet the intent of any of the four criteria for inclusion in the National Register of Historic Places. Additionally, the building lacks integrity.

Stated another way, NIH's significance to the history of modern scientific research and advancement is evident in its array of laboratories and associated facilities that directly support the scientific mission. By contrast, base operations property types such as motor pools, power plants, and administrative support buildings have not been resource types that would normally be considered significant under a nation-wide research science theme since they were built as part of the everyday operations of the NIH and were not directly associated with basic research or scientific advancement in a strategic or tactical sense. However, such property types, in certain instances may have had such an exceptional impact on a state or locality that they could be eligible for the National Register under other state or local themes. does not meet the intent or the criteria for inclusion in the National Register of Historic Places.

9. Major Bibliographical References

Inventory No. M: 35-9-14

NIH Chemical Storage Building; architectural drawings dated 12/8/58, original design furnished to NIH through the Public Buildings Service of the General Services Administration, original blueprints on file in the NIH, Office of Research Facilities Plan Room.

10. Geographical Data

Acreage of surveyed property _____
Acreage of historical setting _____
Quadrangle name Washington West, DC-MD-VA Quadrangle scale: 1:24,000 (7.5-minute)

Verbal boundary description and justification

Building 25 is located at the National Institutes of Health Bethesda Campus (NIHBC). For USGS coordinates please see the attached USGS map section.

11. Form Prepared by

name/title	Phillip W. Neuberg, AIA / NIH Federal Historic Preservation Officer		
organization	National Institutes of Health, Office of Research Facilities	date	August 2013
street & number	Division of Facilities Planning, Building 13, Room 1325	telephone	301-443-7154
city or town	Bethesda	state	MD

The Maryland Inventory of Historic Properties was officially created by an Act of the Maryland Legislature to be found in the Annotated Code of Maryland, Article 41, Section 181 KA, 1974 supplement.

The survey and inventory are being prepared for information and record purposes only and do not constitute any infringement of individual property rights.

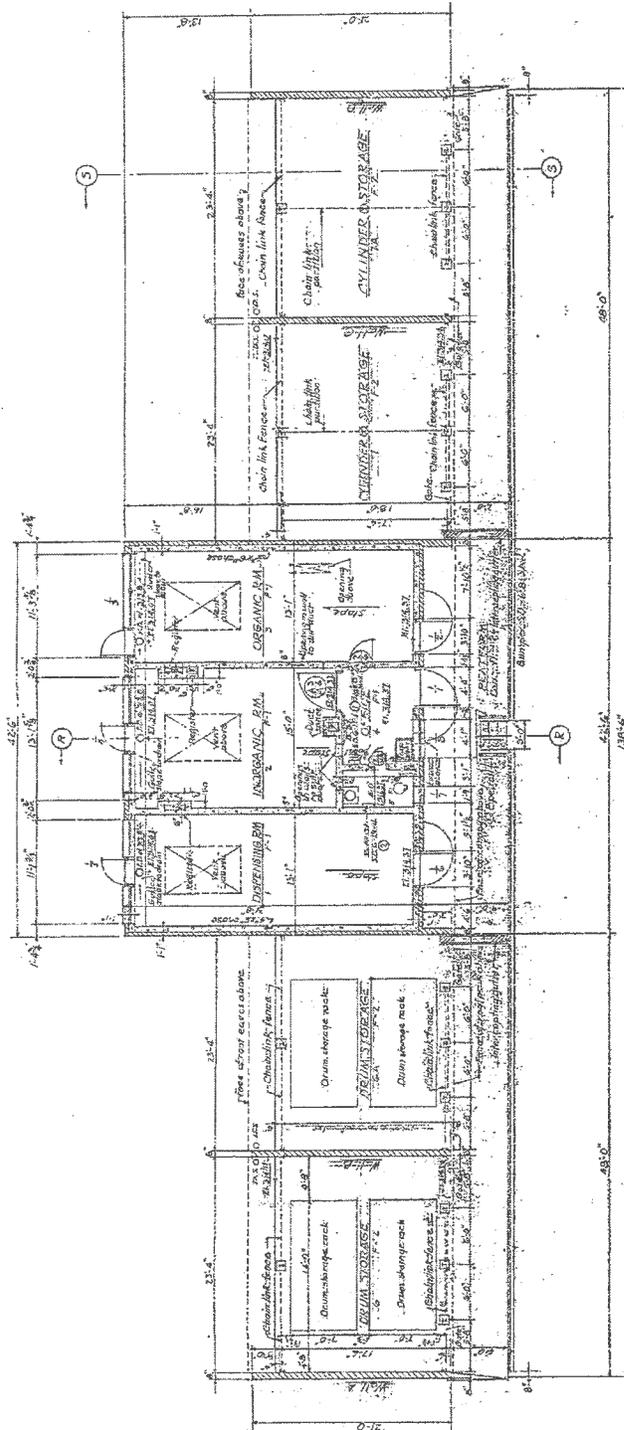
return to: Maryland Historical Trust
Maryland Department of Planning
100 Community Place
Crownsville, MD 21032-2023
410-514-7600

Maryland Historical Trust Maryland Inventory of Historic Properties Form

Inventory No. M: 35-9-14

Name
Supplemental Historical Photos and Drawings

Page 1



First Floor Plan of the Chemical Storage Building (Building 25) at the National Institutes of Health Bethesda Campus, excerpted from a drawing dated 6/15/1951.

Source: Public Buildings Service of the General Services Administration. 1951. "Project No. 18-063: Chemical Storage Bldgs. Nos. 25, 26, 27, National Institutes of Health." Architectural drawing sheet 3-1 dated 6/15/1951. Original drawings on file in the NIH Office of Research Facilities Plan Room.

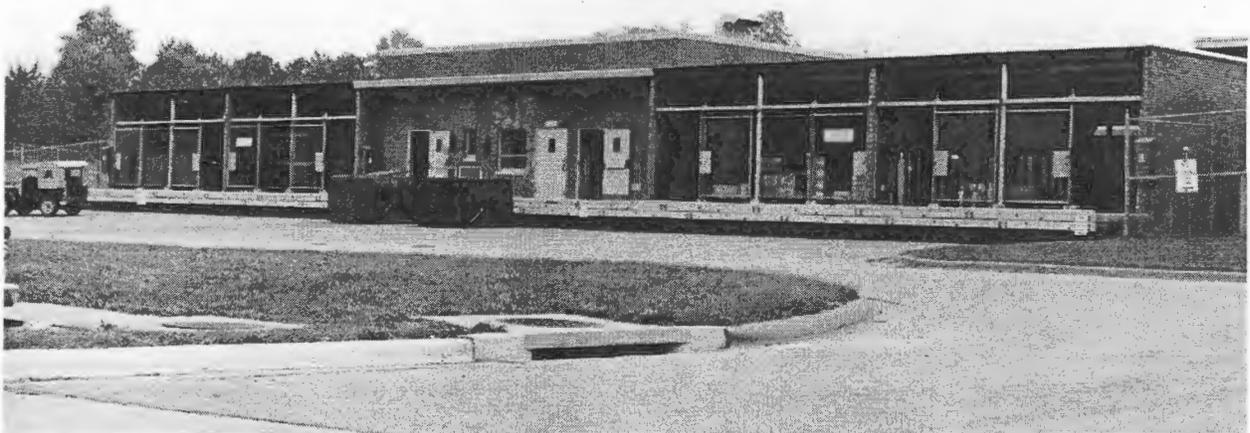
FIRST FLOOR PLAN
Scale: 1/8" = 1'-0"

Maryland Historical Trust Maryland Inventory of Historic Properties Form

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Name
Supplemental Historical Photos and Drawings

Page 2



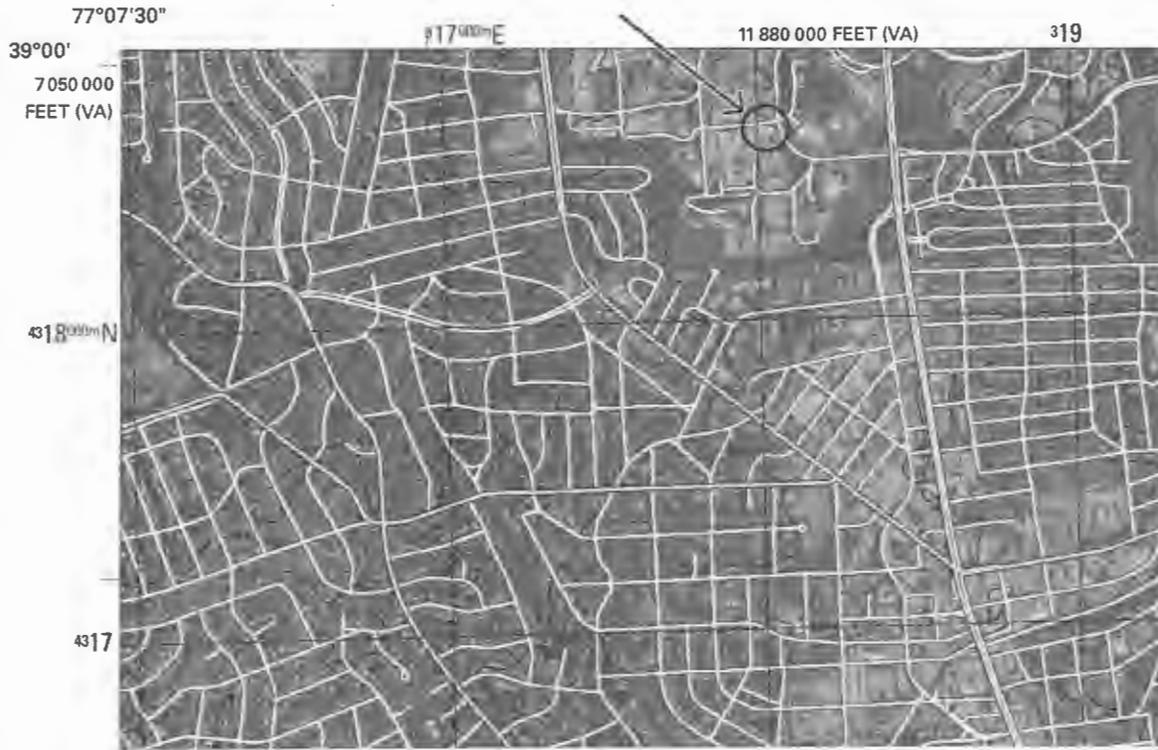
Chemical Storage Building (Building 25) c. 1955

Source: NIH Buildings & Grounds, Vol. 3. "Building 25." Photographer unknown. Print on file at the National Institutes of Health, Office of Research Facilities, Division of Facilities Planning.

MIHP Inventory No. M: 35-9-14
 Chemical Storage Building (Building 25)
 Bethesda, MD
 Montgomery County
 Washington West Quadrangle, DC-MD-VA 2011 (38.998, -77.101)



U.S. DEPARTMENT OF THE INTERIOR
 U. S. GEOLOGICAL SURVEY



Produced by the United States Geological Survey
 North American Datum of 1983 (NAD83)
 World Geodetic System of 1984 (WGS84). Projection and
 1 000-meter grid: Universal Transverse Mercator, Zone 18S
 10 000-foot ticks: Maryland Coordinate System of 1983,
 Virginia Coordinate System of 1983 (north zone)

Imagery.....NAIP, June 2009
 Roads.....©2006-2010 Tele Atlas
 Names.....GNIS, 2010
 Hydrography.....National Hydrography Dataset, 2009
 Contours.....National Elevation Dataset, 2008
 Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2010



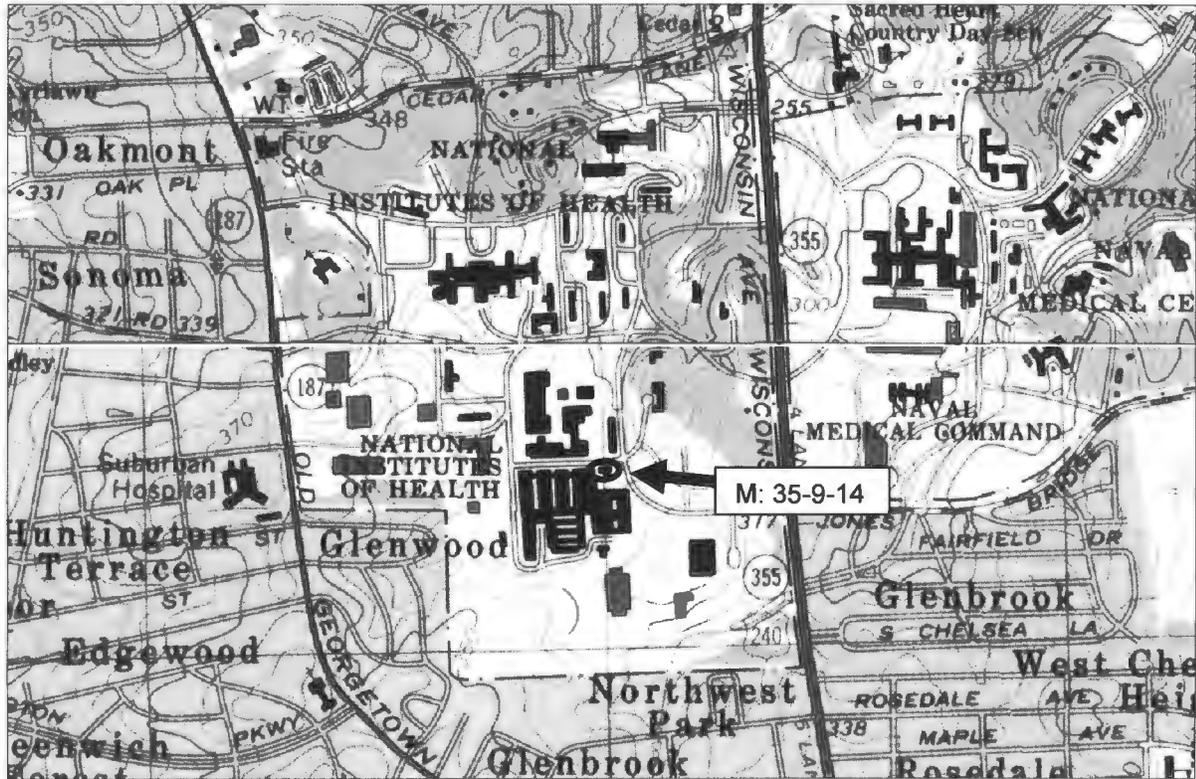
UTM GRID AND 2011 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
UJ
Grid Zone Designation
18S

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Chemical Storage Building (NIH Building 25)

Washington West quadrangle 1965, Photorevised 1983, Bathymetry added 1982



National Web Map Service 6" Orthophoto Map, c. 2011-13



JKC 3/16/2015

Photo Log
Chemical Storage Building (Building 25)
Montgomery County, MD

MIHP Inventory No. M: 35-9-14

Number	Description	Photographer	Photo Date	Filename
1	Front (north) elevation.	David A. Derenick	4/23/2013	M; 35-9-14_2013-04-23_01.tif
2	Oblique view of northeast corner.	David A. Derenick	4/22/2013	M; 35-9-14_2013-04-22_01.tif
3	Oblique view of southeast corner.	David A. Derenick	4/22/2013	M; 35-9-14_2013-04-22_02.tif
4	Interior view of east bays.	David A. Derenick	5/15/2013	M; 35-9-14_2013-05-15_01.tif
5	Interior view of west bay.	David A. Derenick	5/15/2013	M; 35-9-14_2013-05-15_02.tif
6	Interior view of westernmost bay.	David A. Derenick	5/15/2013	M; 35-9-14_2013-05-15_03.tif



25

M: 35-9-14

#1 of 6

CHEMICAL STORAGE BUILDING (BUILDING 25)

MONTGOMERY COUNTY, MD

PHOTOGRAPHER: DAVID A. DERENICK

4/23/2013 FILE AT MD SHPD

"FRONT (NORTH) ELEVATION"



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CHEMICAL STORAGE BUILDING (BUILDING 25)

MONTGOMERY COUNTY, MD

298-99 10156814

PHOTOGRAPHER: DAVID A. DERENICK

4/22/2013

FILE AT MD SHPO

"OBLIQUE VIEW OF NORTHEAST CORNER"



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CHEMICAL STORAGE BUILDING (BUILDING 25)

MONTGOMERY COUNTY, MD

PHOTOGRAPHER: DAVID A. DERENICK

4/22/2013

FILE AT MD SHPO

"OBLIQUE VIEW OF SOUTHEAST CORNER"

4189510, XXX-856



CleanEarth
1-600-CUBIC-YD

CAUTION
NOT VENTILATED
DO NOT STORE OIL, KEROSENE,
FLAMMABLE LIQUIDS
OR TOXIC CHEMICALS.
SPILLS FROM ABOVE
WILL REQUIRE REMEDIATION
AND/OR EXPLOSION HAZARD

m:35-9-14

#4 of 6

CHEMICAL STORAGE BUILDING (BUILDING 25)

MONTGOMERY COUNTY, MD

PHOTOGRAPHER: DAVID A. DERENICK

5/15/2013

FILE AT MD SHPD

"INTERIOR VIEW OF EAST BAYS"

4189518, 25_East Interior 1-bw_002

(ILFORD), (Fromex True B&W), 05/15/13



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CHEMICAL STORAGE BUILDING (BUILDING 25)

MONTGOMERY COUNTY, MD

PHOTOGRAPHER: DAVID A. DERENICK

5/15/2013

FILE AT MD SHPO

"INTERIOR VIEW OF WEST BAY"

4189510, 25_West Interior 1-bw_003

<ILFORD>. <Focsex True B&W>. 05/15/13



CURTIS BAY
ENERGY

THE CURTIS BAY
ENERGY SYSTEM

CURTIS BAY
ENERGY

M: 35-9-14

#6 of 6

CHEMICAL STORAGE BUILDING (BUILDING 25)

MONTGOMERY COUNTY, MD

PHOTOGRAPHER: DAVID A. DERENICK

5/15/2013

FILE AT MD SHPO

"INTERIOR VIEW OF WESTERNMOST BAY"

4189518, 25_West interior 2-bw_004

<ILFORD>, <Fomex True B&W>, 05/15/13