

**Department of Historic Resources
Reconnaissance Level Survey**

Accomack

DHR Id#: 001-0027-0028

Resource Identification

Property Name(s): WFF # D-099 - Sewage Treatment Plant Sludge
Digestion Tank {Historic}
Property Date: 1954
Address(s): Reeder Road {Current}
County/Independent City: Accomack
Vicinity of: Chincoteague
State, Zip: Virginia 23337
USGS Quad Name: CHINCOTEAGUE WEST
Surrounding area: Rural

National Register Eligibility Status
Property is Historic (50 years or older)

Resource Description

Ownership Status: Public - Federal
Acreage: 0.5

Primary Resource Exterior Component Description:

<u>Component</u>	<u>Comp Type/Form</u>	<u>Material</u>	<u>Material Treatment</u>
Chimneys	Chimneys - Interior stove flue	Aluminum	
Foundation	Foundation - Slab	Concrete	Foundation - Poured
Porch	Porch - None		
Roof	Roof - Flat	Asphalt	
Structural System	Structural System - Masonry	Concrete	Structural System - Parged
Windows	Window - Industrial	Metal	Windows - 4-panel

Site Description: Located within the Sewage Treatment Plant complex on north side of Reeder Road. Located along the northern edge of the complex, to the northwest of D-12E (001-0027-0020).

WUZIT Count:

<u>No.</u>	<u>Wuzit Types</u>	<u>Historic?</u>
1	Public Works	Historic

NR Resource Count:

Individual Resource Information

WUZIT: Public Works

Est. Date of Construction: 1954 {Owner/written data} Accessed? Yes
Primary Resource? Yes Number of Stories: 1.0
Architectural Style: Other Condition: Fair
Interior Plan Type: Other Threats to Resource: Deterioration
Neglect

Description: This one-story structure consists of a cylindrical tank with a square-plan tank house attached on the northeast side. The entire structure is made of poured concrete with horizontal grooves that have been incised into the sides of the tank house. An earth berm surrounds the cylindrical tank portion of the structure, leaving only the top few feet exposed. The interior of the tank is open from above. It is accessed via a concrete stairway that leads up the side of the berm from the northeast to a landing just southeast of the tank. From there a small set of stairs leads from the landing up to the side of the tank. Six regularly spaced concrete brackets project from the tank walls into the interior. The interior of the tank also has three plastic pipes located in the center of tank that stand parallel to the sides, equidistant from one another. There are several pipes and other mechanical equipment irregularly placed on the interior. The tank does not appear to be in use. The tank house has a flat roof covered with tar and gravel. Two aluminum capped exhaust vents project from the roofline. A single four pane, horizontal pivot window with metal frame is found in the center of the north and south sides of the house, just below the roofline. The west elevation contains a single steel door with a small rectangular vent at the bottom. Aluminum flashing runs along the top edge of the wall on all four sides.

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Cemetery Information

Bridge Information

National Register Eligibility Information

Historic Context(s): Military/Defense

Historic Time Period(s):..... S- The New Dominion (1941- Present)

Significance Statement: This structure, built in 1954, was constructed as part of the second phase of development of a sewage treatment plant. The plant was one of two such complexes built on Chincoteague Naval Auxiliary Air Station (CNAAS) during World War II. The structure is located along the north edge of the sewage treatment plant, to the north of another Sludge Digestion Tank (001-0027-0020, WFF # D-012E).

The utilitarian structure is a component of a sewage treatment plant constructed during the New Dominion (1945 - present) period. The treatment plant was built to service CNAAS. Established in 1943, CNAAS was used as a training base for Navy aircraft carrier squadrons that would be serving in the Pacific theater of World War II, and to enable Civil Air Patrol to conduct antisubmarine operations off the Atlantic coast. In 1946, the U.S. Navy expanded the mission of CNAAS to include the Naval Air Ordnance Test Station (NAOTS). By 1949, the U.S. Navy discontinued aircraft carrier training and in 1951 CNAAS became a Naval Air Facility, with a primarily research-based mission that corresponded with the mission of NAOTS until the base was closed in 1959. In 1959, the ownership of CNAAS was transferred to the National Aeronautics and Space Administration (NASA) and was renamed Wallops Station. Although it does not appear to be in use currently, the structure has essentially retained its original use throughout its history on the base. The Sewage Treatment Plant Sludge Digestion Tank has been evaluated both as a contributing resource in a historic district and as an individual resource. Issues of significance, integrity, and district boundaries were carefully considered. A proposed district comprising this resource lacks integrity of design, setting, materials, workmanship, feeling and association due to the removal of the majority of buildings from the period of significance (1936 to 1959) and the construction of later buildings. Thus a historic district here is not eligible under Criterion A, B, C, or D.

As an individual resource, it is not eligible for listing in the National Register under Criterion A, B, C, or D as it is not associated with a significant event or individual at the local, state or national level; it does not embody the distinctive characteristics of a type, period, or method of construction, or represent the work of a master, or possess high artistic values, or represent a significant or distinguishable entity whose components may lack individual distinction; nor does this property have the potential for providing additional information in history or prehistory.

The Sewage Treatment Plant Sludge Digestion Tank retains its integrity of location, design, materials, workmanship, and feeling. Although remaining in its historic location, the structure's integrity of setting and association has been adversely affected by the changes made to the surrounding environment of the base of which it was a part; by 2004, the majority of buildings of this period have been demolished, changing the historic character of the physical environment of the structure's historic context.

Bibliographic Documentation

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Reference #: 1

Bibliographic RecordType: Map
Author: Giffels and Valet
Citation Abbreviation:
Notes: Giffels and Valet, Engineers and Architects, Detroit, Michigan. "General Plot Plan – Auxiliary Air Station, Chincoteague, Virginia." 1942.

Reference #: 2

Bibliographic RecordType: Map
Author: U.S. Navy
Citation Abbreviation:
Notes: "Map of Navy Auxiliary Air Station and Naval Ordnance Test Station, Chincoteague, Virginia." 1950.

Reference #: 3

Bibliographic RecordType: Map
Author: U.S. Navy
Citation Abbreviation:
Notes: "Station Development Map – Naval Auxiliary Air Station, Naval Aviation Ordnance Test Station, Chincoteague, Virginia." 1953.

Ownership Information

Graphic Media Documentation

<i>Medium</i>	<i>Depository ID #</i>	<i>Photo Depository</i>	<i>Date</i>	<i>File Name</i>
35mm B&W	21541	DHR	2004/07/99	Frames 24-27
35mm B&W	21528	DHR	2004/07/99	Frames 30-34

Cultural Resource Management (CRM) Events

CRM Event # 1,

Cultural Resource Management Event: Reconnaissance Survey
Date: 2004/07/99
Organization or Person: URS Group
VDHR Project ID # Associated with Event: .. 2003-0571
CRM Event Notes or Comments: 200 Orchard Ridge Drive, Suite 101
 Gaithersburg, MD 20878

CRM Event # 2,

Cultural Resource Management Event: Reconnaissance Survey
Date: 2003/08/08
Organization or Person: URS Group
VDHR Project ID # Associated with Event: .. 2003-0571
CRM Event Notes or Comments: 7101 Wisconsin Avenue, Suite 700
 Bethesda, MD 20814