

Appendix N

**Silo 6 Investigation and Condemnation Letter,
August 2, 2018**



August 2, 2018

Mark A. Lovejoy, PE, LSP, CHMM
Project Manager
TANTARA Corporation
54 Mason Street
Worcester, MA 01610

RE: Silo 6 at the Former Niagara Falls-Buffalo Defense Nike Battery BU-34/35 is located at 601 Willardshire Road near the intersection of North Davis Road in the Town of Aurora, New York.

Encorus Project Number: 18214 – Silo 6 Investigation and Condemnation Letter

Dear Mr. Lovejoy:

This letter is to serve as our Professional Engineers opinion for the above-referenced structure.

In accordance with your request on July 30, 2018, I have performed an on-site investigation and subsequent evaluation of silo 6 at the above-referenced location. The investigation was based on on-site observations and brief discussions with you regarding silo 6's structure.

Summary

The stairway entry to silo 6 was filled with concrete debris and water (Figure 2). Discussions with TANTARA revealed that several test pits were excavated, and the same concrete debris and water was found. It is my professional opinion that silo 6 is unsafe to occupy in its current state. Based on observed conditions a condemned status and future demolition is found to be warranted to remove the debris contained within silo 6. Regulations for demolition from the governing agency shall be followed. Condemned is defined as follows:

Condemned – Structure is rendered unsafe to occupy.

Purpose and Scope

The purpose of my investigation was to render an engineering opinion regarding the structure's condition. The scope of my evaluation included performing an on-site investigation and review of the provided information.

Background Information

The Former Niagara Falls-Buffalo Defense Nike Battery BU-34/35 is in Erie County, New York and consisted of two operational areas located on separate parcels of land separated by approximately 2 miles. These include the former launch area (Launch Area) with underground missile magazines (also referred to as silos) and the former battery control area (Control Area). This letter will focus on silo 6 in the former launch area. The site is a 19.84-acre parcel of land located at 601 Willardshire Road near the intersection of North Davis Road in the Town

of Aurora, New York, and is currently vacant except for the former barracks and the six former underground magazines, referred to as silos. The silos are numbered 1 through 6 (See Figure 1). Silo's 1 through 5 have previously been investigated, therefore their evaluation is not included in this letter. Some existing schematic level drawings were available. No detailed construction drawings were available.

Investigation Findings

I conducted the on-site investigation on August 2, 2018. Observations during the on-site investigation were made from the exterior of silo 6 at grade level. Robert Foley (TANTARA) was present at the time of the on-site investigation. Referenced figures are included as Attachment A.

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We trust that this is the information that you require. If you have any questions or need further information, please contact me at 716-592-3980, ext. 138.

Respectfully submitted,



"Unauthorized alteration or additions to any plans, specifications or reports bearing a Licensed Professional Engineer's seal is a violation of Section 7209, subdivision 2, of the New York State Education Law".

8/2/18

Daniel J. Sarata, P.E.

The opinions and results described in this report are based on information known and declared at the date of examination and/or time of preparation of this report. Should additional information or unknown conditions be uncovered or made available, Encorus Group retains the right to revise and supplement this report accordingly.

This report is furnished as privileged and confidential to addressee. Release to any other company, concern, or individual is solely the responsibility of the addressee.

Attachment A – Figures



Figure #1 – Former Launch Area Silo Location Map – Not to Scale



Figure #2 – Silo 6 Stair Entry Filled with Concrete Debris and Water