

FILE

**NORTHROP GRUMMAN**

Northrop Grumman Corporation  
Integrated Systems

Airborne Early Warning and  
Electronic Warfare Systems  
600 Grumman Road West  
Bethpage, New York 11714-3582

October 23, 2006  
ESH&M-06L-069

Mr. Dan Evans  
Bureau of Solid Waste & Corrective Action, 8<sup>th</sup> Floor  
Division of Solid Waste and Hazardous Materials  
New York State Department of Environmental Conservation  
625 Broadway Street  
Albany, NY 12233-7258

**Subject: Northrop Grumman Corporation  
Environmental Assessment and Remediation – Building 23 site**

**Enclosures:** Building 23 Phase I Site Assessment, Dvirka & Bartilucci, June 2005  
Building 23 Phase II Site Assessment, Dvirka & Bartilucci, October 2006  
Building 23 Remediation of Leaching Pool 18, Dvirka & Bartilucci,  
October 2006  
Building 23 Deed Restrictions

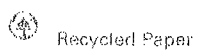
Dear Mr. Evans:

Northrop Grumman has conducted an environmental assessment and remediation activities at the Bethpage, Building 23 location and have attached them for your review and approval.

The Building 23 site is a sub-division of the Bethpage, Building 5 site. By way of background, an environmental assessment and subsequent remediation activities were conducted at the Building 5 site and completed in 2002. When the Building 5 site was sold, the Building 23 site known as the Sensor Test and Integration Laboratory (STIL) was still active and was subdivided from the Building 5 parcel.

Since that time, it was determined that Building 23 was no longer needed and the site was to be sold. Building 23 was located on a section the former septic leaching pool field from Building 5. As a result, Building 23 was demolished in order to conduct the environmental assessment subsequent remediation activity at the site.

Northrop Grumman proposes to utilize the soil comparison values (which were approved for the Building 5 site and subsequent property remediations where TAGM exceedances remained in the soil) presented below for the remediation activity.



Constituent of Concern	Comparison Value
<b>Metals (mg/kg or ppm)</b>	
Arsenic	20
Barium	5,500
Chromium (total)	390
Chromium (hexavalent)	390
Cadmium	78
Lead	400
Mercury	23
Selenium	390
<b>SVOCs (<math>\mu\text{g}/\text{kg}</math> or ppb)</b>	
Total CaPAHs	10,000
Total PAHs	100,000
Total SVOCs	500,000

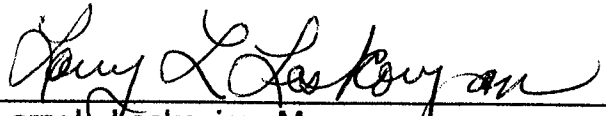
A deed restriction for the site is attached.

We would appreciate your expeditious review and approval of the reports and issuance of a No Further Action letter.

If you have any questions, please call me at 516/575-2333 or Fred Weber, of this office, at 516/575-6789.

Very truly yours,

**NORTHROP GRUMMAN CORPORATION**

  
Larry L. Leskovjan, Manager  
Environmental Safety, Health & Medical Services  
M/S: Z18-25

cc: w/enclosure  
H. Wilkie, NYSDEC  
L. Rosenmann, NYSDEC

w/o enclosure  
J. Lovejoy, NCDH  
S. Snee, NYSDEC



**PROPOSED DEED RESTRICTIONS  
BUILDING 23**

1. Notice: A release of hazardous substances has occurred at the Property. Remedial activities were performed, and the New York State Department of Environmental Conservation ("DEC") has issued a "No Further Action" letter. At the conclusion of the remedial activities, some hazardous substances remained at the site at concentrations that are above recommended soil cleanup guidelines for unrestricted use. Reports identifying the residual substances and their locations and concentrations are available.

2. Use Restriction: The Property shall not be used for uses that: (i) are or may be construed to be residential, or (ii) include persons other than employees staying over night, including, without limitation, a hotel, nursing home or congregate care facility, or (iii) involve children, including, without limitation, a school, day care facility or an outdoor recreational facility unless as otherwise approved by the NYSDEC in conjunction with the New York State and Nassau County Departments of Health. This restriction may be removed upon the recording of certification from NYSDEC (or its successor, if any) that there are no hazardous substances or constituents of concern at the Property at concentrations that exceed NYSDEC recommended cleanup levels.

3. Subsurface Activities: The hazardous substances referred to in paragraph "1", above, shall be covered with either topsoil/clean fill, pavement or a building. No excavation or other subsurface activities that may affect or involve the hazardous substances at the site should be performed without reviewing the reports, in consultation with the NYSDEC, that describe the location of the hazardous substances and, if necessary, taking appropriate precautions to prevent employee/worker exposure to said hazardous substances. In the case of any soil removal, the soil should be sampled and disposed of in accordance with applicable law, based upon sampling results. The owner shall provide notice to the Regional Solid and Hazardous Materials Engineer, New York State Department of Environmental Conservation, Region One Office, SUNY - Building 40, Stony Brook, NY 11790, annually certifying that the institutional and/or engineering controls specified in the deed are being complied with. The owner shall be responsible for any environmental harm or costs resulting from the failure to comply with these institutional controls.