



# Dvirka and Bartilucci

CONSULTING ENGINEERS

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November 20, 2002

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Larry Leskovjan, Manager  
Environmental, Safety, Health & Medical Services  
Northrop Grumman Corporation  
South Oyster Bay Road  
Mail Stop: D08-001  
Bethpage, NY 11714-3582

Re: Deed Restriction Information  
Plant 1 Facility  
Bethpage, New York  
D&B No. 801/98-Z

Dear Mr. Leskovjan:

As requested by Northrop Grumman Corporation (NGC), Dvirka and Bartilucci Consulting Engineers (D&B) has prepared this letter report for the Plant 1 site to identify the areas on the property where the concentrations of constituents remaining in the soil exceed the recommended soil cleanup objectives (RSCOs) provided in Appendix A of the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) Number 4046.

## Introduction

Northrop Grumman Corporation is planning to deactivate and sell the Plant 1 facility as part of its overall Bethpage consolidation program. As previously implemented for other properties at the Bethpage facility, NGC has conducted several Environmental Site Assessments and remediation programs to facilitate the transfer of the property. A site location map of the Plant 1 facility located in Bethpage, New York, is presented as **Attachment 1**. Similarly, a site plan of Plant 1 is provided as **Attachment 2**.

As part of the environmental site assessment process, soil sample results for areas of concern (AOCs) associated with Underground Injection Control (UIC) structures were screened against the RSCO's contained in TAGM 4046 (consistent with protocol utilized by the United States Environmental Protection

Larry Leskovjan, Manager  
Environmental, Safety, Health & Medical Services  
Northrop Grumman Corporation  
November 20, 2002

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Agency and Nassau County Department of Health). However, AOCs not associated with UIC structures were screened against NYSDEC-approved comparison values based on site-specific considerations such as the intended future site use, and the fate and transport of chemical constituents detected in the soil. The NYSDEC-approved site-specific comparison values for Plant 1 were utilized to determine the scope of environmental remediation for the AOCs not associated with UIC structures at the Plant 1 facility, as documented in the report entitled, "Remediation Plan – Plant 1," dated July 2001. Since the Plant 1 site-specific comparison values are higher than the more conservative NYSDEC RSCOs, in some instances, there are several AOCs that have concentrations of constituents in the soil at the Plant 1 site that have not been excavated and exceed the NYSDEC RSCOs. Certain other AOCs have exceedances of RSCOs remaining due to the impracticality of attempting to excavate soil at substantial depth in areas beneath or adjacent to existing structures and/or retaining walls.

#### **Exceedances of NYSDEC RSCOs**

Constituents that exceeded the NYSDEC RSCOs (prior to remediation) are provided in **Table 1** of **Attachment 3**. The Plant 1 soil sample results were evaluated with the remediated AOCs to determine the locations and concentration of constituents in the soil at the Plant 1 site that have not been excavated and exceed the NYSDEC RSCOs. **Table 2** of **Attachment 4** summarizes the NYSDEC RSCOs exceedances in soil at the Plant 1 facility that still remain in-place (subsequent to remediation). **Attachment 5** presents several figures that collectively depict the locations of all soil borings/samples at the Plant 1 site.

If you have any questions or comments, please do not hesitate to contact Mr. Adam S. Postyn or me at (516) 364-9890.

Very truly yours,

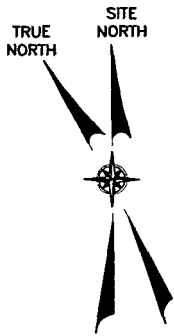
  
Richard M. Walka  
Vice President

RMW/KP(t)/ajm  
Attachments

cc: J. Cofman (NGC)  
A. Postyn (D&B)

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**ATTACHMENT 1**



PLANT 1 SITE

LONG ISLAND RAIL ROAD

GRUMMAN ROAD WEST

GRUMMAN ROAD EAST

NO.

SHERIDAN AVENUE

CENTRAL AVENUE

HARRISON AVENUE

0 500

SCALE IN FEET

NORTHROP GRUMMAN CORPORATION  
PLANT 1

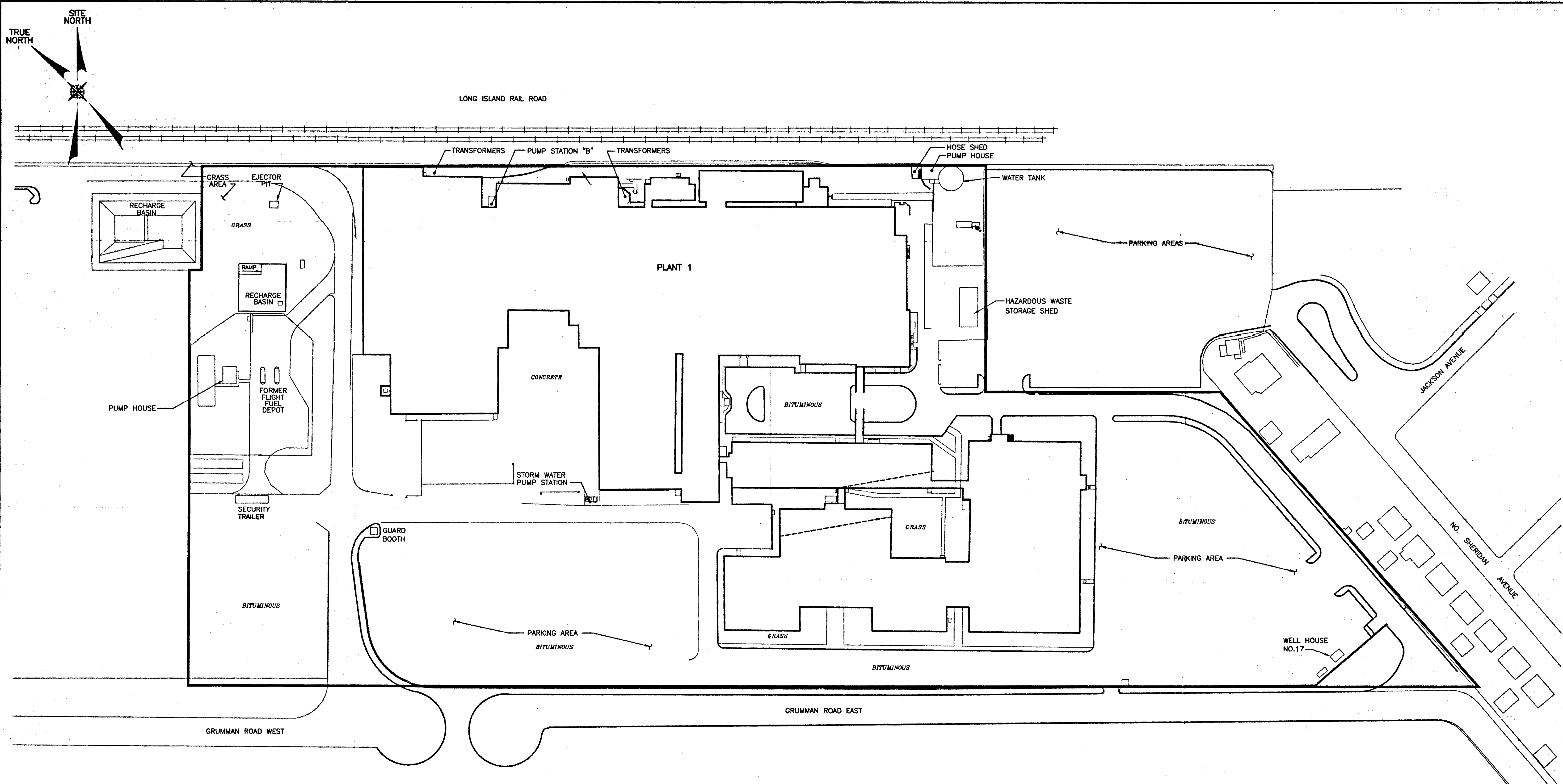
SITE LOCATION MAP



Dvirka and Bartilucci  
Consulting Engineers  
A Division of William F. Cosulich Associates, P.C.

FIGURE 1

**ATTACHMENT 2**



**LEGEND**

— PROPERTY BOUNDARY

— LIMITS OF BUILDING FOUNDATION

0 60 120  
SCALE IN FEET

NO.	DATE	REVISION	INT.

UNAUTHORIZED ALTERATION OR ADDITION  
TO THIS DOCUMENT IS A VIOLATION OF  
SECTION 7209 OF THE NEW YORK STATE  
EDUCATION LAW.

PROJECT DIRECTOR: XX	DRAWN BY: L.V.G.
PROJECT ENGINEER: XX	CHECKED BY: XX

**db**

**DVIRKA AND BARTILUCCI**  
CONSULTING ENGINEERS  
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

NORTHROP GRUMMAN CORPORATION  
BETHPAGE FACILITY

PLANT 1

SITE PLAN

PROJECT NO. 801.98-Z	FIGURE NO. <b>2</b>
DATE OCTOBER 2002	
SCALE 1"=60'	

**ATTACHMENT 3**

**Table 1**  
**Northrop Grumman Corporation**  
**Plant 1 Facility**  
**NYSDEC TAGM Recommended Soil Cleanup Objectives<sup>(1)</sup>**

**Semi-Volatile Organic Compounds**

<b>Constituent</b>	<b>Recommended Soil Cleanup Criteria (ug/kg)</b>
2-Methylphenol	100 or MDL
Benzo (a) pyrene	61 or MDL
Benzo (b) fluoranthene	1100
Benzo (k) fluoranthene	1100
Benzo(a)anthracene	224 or MDL
Chrysene	400
Dibenzo(a,h)anthracene	14 or MDL
Pentachlorophenol	1000 or MDL
Phenol	30 or MDL

**RCRA Metals**

<b>Constituent</b>	<b>Recommended Soil Cleanup Criteria (mg/kg)</b>
Arsenic	7.5
Barium	300
Cadmium	10
Chromium	50
Lead	400
Mercury	0.1
Selenium	2

**PCBs**

<b>Constituent</b>	<b>Recommended Soil Cleanup Criteria (ug/kg)</b>
Total PCBs	10,000

**Notes:**

N/A: not available

MDL: Method Detection Limit

1. Comparison Values are provided for only those constituents of concern that exceeded the NYSDEC TAGM RSCOs



**ATTACHMENT 4**

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCOs	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
<b>NON UNDERGROUND INJECTION CONTROL PROGRAM</b>							
<b>Interior Samples:</b>							
I-02	Former Paint Spray Room	I02B01	1-3'	Benzo(a)pyrene 99 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-03	Former Paint Storage Room	I03B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-04	Former Storage Building DW	I04B01	8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-05	Former Dry Well Area	I05B01	8-10'	Benzo(a)anthracene 1300 ug/kg; Chrysene 1300 ug/kg; Benzo(b)fluoranthene 1200 ug/kg; Benzo(a)pyrene 1400 ug/kg; Mercury 0.13 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I05B02/E43 B02	6-8'	Arsenic 7.9 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			14-16'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-06	Former Paint Shop	I06B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I06B02	1-3'	Mercury 0.19 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			3-5'	Phenol 79 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
I-07	Former Paint Tunnel	I07B01	3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Remediation to 5'bg complete	
			5-7'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I07B01N8	3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Remediation to 5'bg complete	
			5-7'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
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AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
I-07 (continued)	Former Paint Tunnel (continued)	I07B01S8	3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			5-7'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I07B01W5	3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			5-7'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I07B01E8	5-7'	Chromium 194 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		I07B02	1-3'	Benzo(a)pyrene 96 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I07B03	5-7'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			7-9'	Phenol 17000 ug/kg; 2-Methylphenol 440 ug/kg; Chromium 171 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
I-08	Boiler Room Former Dry Well	I08B01	2-4'	Phenol 46 ug/kg; Benzo(a)pyrene 65 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			9-11'	Phenol 64 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
I-09	Former Hammer Shop	I09B01	1-3'	Phenol 62 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-10	Paint Shop Former DW	I10B01	4-6'	Mercury 0.17 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			10-12'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-11	Former Paint Shop Booths and Paint Tunnel	I11B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I11B02	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	

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I-11 (continued)	Former Paint Shop Booths and Paint Tunnel (continued)	I11B03	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I11B04	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I11B05	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I11B06	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			2-4'	Chromium 252 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		I11B07	1.5-3.5'	Chromium 54.20 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			3.5-5.5'	Chromium 62.20 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
I-12	Former Alodine Room	I12B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	Phenol 36 ug/kg; Mercury 0.94 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		I12B02	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	Phenol 46 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		I12B03	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	Chromium 73.4 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		I12B04	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	Phenol 37 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.

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I-12 (continued)	Former Alodine Room (continued)	I12B05	1-3'	Chromium 73.8 mg/kg; Mercury 0.2 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			3-5'	Chromium 71.1 mg/kg; Mercury 0.13 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
I-13	Former Downspout Dry Wells	I13B01	2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			8-9'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I13B02	2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			6-7'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-16	Former Heat Treat Room	I16B02	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3.5-5.5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			5.5-7.5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-17	Former Paint Mixing Room	I17B01	1-3'	Phenol 51 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I17B02	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-19	Material Stock Room	I19B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	Phenol 37 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
I-21	Five Former Machine Pits	I21B01	2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			4-6'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I21B02	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	

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I-21 (continued)	Five Former Machine Pits (continued)	I21B03	5-7'	Benzo(a)pyrene 45 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			7-9'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		I21B04	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		I21B05	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
I-23	Pump Station B	I23B01	0-2'	Mercury 0.27 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
I-26	Hallway Adjacent to Former Alodine Room	I26B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		I26B02	1.5-3.5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			3.5-5.5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
I-28	Air Handling Unit Room	I28B01	2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			4-6'	Phenol 40 ug/kg; Benzo(a)anthracene 1700 ug/kg; Chrysene 1900 ug/kg; Benzo(b)fluoranthene 1500 ug/kg; Benzo(k)fluoranthene 1300 ug/kg; Benzo(a)pyrene 1200 ug/kg; Dibenzo(a,h)anthracene 110 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
I-30	Former Storage Building	I30B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		I30B02	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
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1-30 (continued)	Former Storage Building (continued)	I30B03	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Remediation to 3'bgs Complete	
			3-5'	Benzo(a)anthracene 1900 ug/kg; Chrysene 1800 ug/kg; Benzo(b)fluoranthene 1800 ug/kg; Benzo(a)pyrene 1400 ug/kg; Dibenzo(a,h)anthracene 58 ug/kg; Cadmium 13.4 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		I30B03N8	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Remediation to 3'bgs Complete	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I30B03S8	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Remediation to 3'bgs Complete	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I30B03S12	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Remediation to 3'bgs Complete	
			4-6'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Remediation to 3'bgs Complete	
			8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I30B03W8	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Remediation to 3'bgs Complete	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I30B03W12	0-2'	Benzo(a)anthracene 590 ug/kg; Chrysene 540 ug/kg; Benzo(a)pyrene 350 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			4-6'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I30B03E8	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Remediation to 3'bgs Complete	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I30B03E12	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Remediation to 3'bgs Complete	
			4-6'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			8-10'	Benzo(a)anthracene 620 ug/kg; Chrysene 680 ug/kg; Benzo(a)pyrene 430 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
I-30 (continued)	Former Storage Building (continued)	I30B04	1-3'	Benzo(a)pyrene 100 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I30B05	6-8'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I30B06	1-3'	Benzo(a)pyrene 99 ug/kg; Cadmium 24.6 mg/kg; Mercury 0.53 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			3-5'	Mercury 0.5 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		I30B07	0-2'	Benzo(a)anthracene 280 ug/kg; Benzo(a)pyrene 230 ug/kg; Mercury 1.6 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			2-4'	Mercury 0.35 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
I-31	Refrigeration/Air Conditioning Room	I31B01	1-3'	Mercury 0.22 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			3-5'	Cadmium 16.1 mg/kg; Mercury 0.23 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		I31B02	2-4'	Cadmium 18.2 mg/kg; Mercury 0.45	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			4-6'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-32	Hanger 1	I32B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	Benzo(a)pyrene 65 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		I32B02	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	Pentachlorophenol 120 ug/kg; Benzo(a)anthracene 360 ug/kg; Benzo(a)pyrene 330 ug/kg; Dibenzo(a,h)anthracene 56 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		I32B03	1-3'		Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	Pentachlorophenol 150 ug/kg; Benzo(a)pyrene 100 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		I32B04	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	Pentachlorophenol 130 ug/kg; Benzo(a)pyrene 83 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.



TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
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I-33	Storage Area in Office Area East of Hanger 2	I33B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-34	Old Ejection Pits	I34B01	4-6'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			6-8'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I34B02	2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			4-6'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-35	Transformer Rooms	I35B01	3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I35B02	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-36	Former Router Room	I36B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I36B02	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-37	Machine Shop (formerly referred to as Former Upholstery Room)	I37B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I37B02	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	Benzo(a)anthracene 330 ug/kg; Chrysene 410 ug/kg; Benzo(a)pyrene 240 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
I-38	Boiler Room	I38B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I38B02	1-3'	Phenol 62 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-39	Former Facility Maintenance Facility	I39B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I39B02	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	

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I-40	Hanger 2	I40B01	2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			4-6'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I40B03	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I40B04	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I40B05	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I40B06	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-41	Random Locations of Historic Manufacturing Operations	I41B01	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I41B02	1-3'	Phenol 260 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I41B03	1-3'	Benzo(a)anthracene 970 ug/kg; Chrysene 1300 ug/kg; Benzo(a)pyrene 820 ug/kg; Dibenzo(a,h)anthracene 57 ug/kg; Arsenic 10.1 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			3-5'	Benzo(a)pyrene 220 ug/kg; Arsenic 8.8 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		I41B04	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I41B05	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	Phenol 140 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
I-42	Paint Shop Dry Well in Former Hammer Shop	I42B01	8-10'	Benzo(a)anthracene 510 ug/kg; Chrysene 650 ug/kg; Benzo(a)pyrene 380 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
I-43	Dry Well Former Carpentry Shop	I43B01	8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Remediation from 8'-10'bgs Complete	
			14-16'	Benzo(a)anthracene 1200 ug/kg; Chrysene 1600 ug/kg; Benzo(a)pyrene 980 ug/kg; Dibenzo(a,h)anthracene 47 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.

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I-43 (continued)	Dry Well Former Carpentry Shop (continued)	I43B01A	10-12'	Chromium 52.3 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			12-14'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		I43B02	11-13'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Remediation from 9-15'bgs Complete	
			13-15'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Remediation from 9-15'bgs Complete	
		I43B02A	15-17'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			17-19'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			19-21'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-44	Canopy Trim Fixture Drain Hole/Sump Pit	I44B01	4-6'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			6-8'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-45	Waste Collection Station	I45B01	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-46	Former Spot Weld Rinse Tank	I46B01	0-2'	Benzo(a)anthracene 450 ug/kg; Chrysene 500 ug/kg; Benzo(a)pyrene 340 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
I-47	RHIC Magnet Pumping Units	I47B01	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			2-4'	Mercury 0.11 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		I47B02	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
Exterior Samples:							
E-01	Former Settling Tanks/Leaching Pools	E01B01	14-16'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			20-22'	Chromium 152 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E01B02	12-14'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	

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E-01 (continued)	Former Settling Tanks/Leaching Pools (continued)	E01B03	12-14'	Mercury 0.18 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E01B04	12-14'	Benzo(a)pyrene 77 ug/kg; Mercury 0.18 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E01B05	5-7'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			12-14'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			18-20'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E01B06	12-14'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E01B07	12-14'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E01B08	18-20'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			24-26'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E01B09	16-18'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			24-26'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E01B11	12-14'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E01B12	12-14'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	

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E-01 (continued)	Former Settling Tanks/Leaching Pools (continued)	E01B13	12-14'	Benzo(a)pyrene 68 ug/kg; Arsenic 19.9 mg/kg; Cadmium 47.9 mg/kg; Chromium 94.7 mg/kg; Mercury 0.63 mg/kg; Selenium 3.2 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E01B14	12-14'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			18-20'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
E-02	Six Former Leaching Pools	E02B01	12-14'	Chromium 129 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			20-22'	Chromium 57.5 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E02B02	6-8'	Benzo(a)anthracene 31 ug/kg; Benzo(a)pyrene 390 ug/kg; Dibenzo(a,h)anthracene 43 ug/kg; Chromium 51 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			14-16'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E02B03	12-14'	Chromium 140 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			20-22'	Chromium 115 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E02B04	12-14'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			24-26'	Chromium 99.6 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
E-03	Former Heat Treat Drainage Wells	E03B01	16-18'	Benzo(a)anthracene 170 ug/kg; Benzo(a)pyrene 130 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			22-24'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E03B02	14-16'	Mercury 0.23 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
E-04	Former Dry Well	E04B01	8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			18-20'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-06	Leaching Pool Area	E06B01	10-12'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E06B02	10-12'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E06B03	10-12'	Mercury 0.36 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			20-22'	Mercury 0.13 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E06B04	10-12'	Arsenic 8 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E06B05	3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			12-14'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E06B06	8-10'	Chromium 154 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			16-18'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E06B09	10-12'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
E-07	Nine Leaching Pools	E07B01	14-16'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			18-20'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E07B02	12-14'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			16-18'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E07B03	11-13'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	

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NORTHROP GRUMMAN CORPORATION  
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AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-07 (continued)	Nine Leaching Pools (continued)	E07B03 (continued)	19-21'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E07B04	11-13'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			19-21'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E07B05	15-17'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			19-21'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E07B06	11-13'	Mercury 0.15 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			19-21'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E07B07	11-13'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			19-21'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E07B09	11-13'	Mercury 0.17 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			19-21'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E07B10	11-13'	Benzo(a)pyrene 70 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			19-21'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E07B11	5-7'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			11-13'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			19-21'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E07B12	11-13'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			19-31'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E07B13	11-13'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	

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AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCOs	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-07 (continued)	Nine Leaching Pools (continued)	E07B13 (continued)	19-21'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E07B14	9-11'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			18-20'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
E-08	Former Leaching Field With Twenty Leaching Pools	E08B01	6-8'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			14-16'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E08B02	6-8'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			14-16'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E08B03	8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			14-16'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E08B04	10-12'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			14-16'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E08B05	14-16'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			22-24'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E08B06	8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			14-16'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E08B07	8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			14-16'	Mercury 0.17 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.



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E-08 (continued)	Former Leaching Field With Twenty Leaching Pools (continued)	E08B08	10-12'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E08B09	6-7'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			10-12'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E08B10	8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			16-18'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E08B11	6-8'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			14-16'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E08B12	12-14'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			18-20'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E08B14	8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			16-18'	Phenol 44 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
E-09	Former Coal Storage Bin	E09B01	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Remediation to 2'bgs Complete	
			6-8'	Benzo(a)pyrene 96 ug/kg; Arsenic 14.2 mg/kg; Mercury 0.13 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E09B01A	2-4'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			4-6'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	

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E-09 (continued)	Former Coal Storage Bin (continued)	E09B01N5	0-2'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 2'bgs Complete	
			2-4'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E09B01E5	2-4'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			4-6'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E09B01W5	0-2'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 2'bgs Complete	
			2-4'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			4-6'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
E-10	Seven Former Leaching Pools	E10B01	13-15'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			21-23'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E10B02	11-13'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			19-21'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E10B03	12-14'	Mercury 0.6 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			20-22'	Mercury 0.15 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E10B04	11-13'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			19-21'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E10B05	10-12'	Arsenic 7.6 mg/kg; Cadmium 42 mg/kg; Chromium 134 mg/kg; Mercury 0.77 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			16-18'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E10B06	10-12'	Cadmium 16.7 mg/kg; Chromium 99.8 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			16-18'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	

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E-10 (continued)	Seven Former Leaching Pools (continued)	E10B08	6-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			14-16'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
E-12	Former Dry Well	E12B01	10-12'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			18-20'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
E-13	Former Drum Storage Area	E13B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E13B02	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Remediation to 2'bgs Complete	
			2-4'	Benzo(a)anthracene 1300 ug/kg; Chrysene 1400 ug/kg; Benzo(b)fluoranthene 1200 ug/kg; Benzo(a)pyrene 1100 ug/kg; Dibenzo(a,h)anthracene 110 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E13B02N5	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Remediation to 2'bgs Complete	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E13B02S5	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Remediation to 2'bgs Complete	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E13B02W8	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Remediation to 2'bgs Complete	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E13B02E8	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Remediation to 2'bgs Complete	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E13B02NE10	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	

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E-13 (continued)	Former Drum Storage Area (continued)	E13B02W12	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E13B02E12	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E13B02NE20	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
E-18	Existing On-site Recharge Basin	E18B01	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			2-4'	Benzo(a)pyrene 120 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E18B02	0-2'	Benzo(a)pyrene 120 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
E-19	Former On-site Recharge Basin	E19B01	8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			18-20'	Chromium 220 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
E-20	Former On-site Recharge Basin	E20B01	2-4'	Chromium 94.3 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			4-6'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
E-21	Former AST and Salvage Area	E21B01	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E21B02	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	

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E-21 (continued)	Former AST and Salvage Area (continued)	E21B03	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E21B04	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E21B05	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
E-22	Material Storage Area	E22B01	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E22B02	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E22B03	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		E22B04	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
E-25	Former Concrete Sump Pit	E25B01	5-7'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			7-9'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
E-27	Location of Former Trichloroethylene Tank	E27B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	

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E-30	Pump Station "A"	E30B01	13-15'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			15-17'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
E-32	Catch Basins (Vicinity of Pump House/Water Tank)	E32B01	6-8'	Chromium 114 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E32B02	6-8'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
E-33	Former Tank 1111 (Between Hangers 1 and 2)	E33B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
E-34	Courtyard Between Hangers 1 and 2	E34B01	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E34B02	1-3'	Chromium 57.7 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E34B03	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
		E34B04	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	
E-35	Area West of Hanger 1	E35B01	0-2'	Benzo(a)anthracene 270 ug/kg; Benzo(a)pyrene 200 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment-Plant 1. May 2001	Not Remediated	

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCOs	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-35 (continued)	Area West of Hanger 1 (continued)	E35B02	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
E-36	Former Drainage Swale (N of Maintenance Area)	E36B01	1-3'	Phenol 100 ug/kg; Chromium 70.1 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			3-5'	Phenol 35 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E36B02	1-3'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Remediation to 5'bgs Complete	
			3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Remediation to 5'bgs Complete	
		E36B02A	5-7'	Arsenic 8.2 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			7-9'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			9-11'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			11-13'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			13-15'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bgs Complete	
		E36B02E30	5-7'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			9-11'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			13-15'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bgs Complete	
		E36B02W20A	3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bgs Complete	
			5-7'	Arsenic 16.3 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.

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NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-36 (continued)	Former Drainage Swale (N of Maintenance Area) (continued)	E36B02W5	1-3'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bg Complete	
			3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bg Complete	
			5-7'	Arsenic 10.1 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			7-9'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			9-11'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			11-13'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			13-15'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E36B02E5	1-3'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bg Complete	
			3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bg Complete	
			5-7'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			7-9'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			9-11'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			11-13'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			13-15'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E36B02E10	3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bg Complete	
			6-8'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			9-11'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E36B02W75	3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			5.5-7.5	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	



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AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-36 (continued)	Former Drainage Swale (N of Maintenance Area) (continued)	E36B02WSW55	3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			5.5-7.5	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E36B02W15	1-3'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bgs Complete	
			3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bgs Complete	
			5-7'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			9-11'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			13-15'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E36B02SW20	3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			5-7'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E36B02S7	2.5-4.5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E36B02SE20	3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			6-8'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E36B02NE20	3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bgs Complete	
			6-8'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E36B02N10	1-3'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bgs Complete	
			3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bgs Complete	
			5-7'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			7-9'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			9-11'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	

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AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCOs	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-36 (continued)	Former Drainage Swale (N of Maintenance Area) (continued)	E36B02N10 (continued)	11-13'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			13-15'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E36B02NW20	3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bgs Complete	
			6-8'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E36B02E20	3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bgs Complete	
			5-7'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E36 "East Wall"	3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bgs Complete	
		SW-1	3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		SW-2	3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		SW-3	3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 7'bgs Complete	
		SW-4	3-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		FL-1	5'	Arsenic 7.80 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	Remediation not required since Plant 1 Action Levels were not exceeded.
		FL-2	5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 7'bgs Complete	
		FL-3	5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 7'bgs Complete	
		FL-4	5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		FL-5	5'	Arsenic 8.98 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	Remediation not required since Plant 1 Action Levels were not exceeded.
		E36FL2	7'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Not Remediated	
E-37	Former Discoloration (SE Parking Area)	E37B01	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	

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AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-37 (continued)	Former Discoloration (SE Parking Area) (continued)	E37B02	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
E-38	Boiler Room Exterior Former Dry Well	E38B01	10-12'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
		SCOMP-1	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		SCOMP-2	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		SCOMP-3	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		SCOMP-4	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		SCOMP-5	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		SCOMP-6	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		SCOMP-7	5-7'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 7'bgs Complete	
		SCOMP-8	5-7'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 7'bgs Complete	
		SCOMP-9	5-7'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 7'bgs Complete	
		SCOMP-10	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		SCOMP-13	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		SCOMP-14	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		SCOMP-15	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	

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NORTHROP GRUMMAN CORPORATION  
PLANT 1  
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AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-38 (continued)	Boiler Room Exterior Former Dry Well (continued)	SCOMP-16	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		SCOMP-17	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		SCOMP-18	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		FCOMP-1	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		FCOMP-2	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		FCOMP-3	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		FCOMP-4	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		FCOMP-5	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 7'bgs Complete	
		FCOMP-5A	5-7'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 7'bgs Complete	
		FCOMP-6	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		FCOMP-7	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		FCOMP-8	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		FCOMP-9	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		FCOMP-10	2-5'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Remediation to 5'bgs Complete	
		D02 WCOT	3'bgs	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bgs Complete	
		D02 WCOT	3'bgs	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bgs Complete	

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PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-38 (continued)	Boiler Room Exterior Former Dry Well (continued)	TRAIN	3'bg	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 5'bg Complete	
		TTFLW516	5'bg	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		TTFLE516	5'bg	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		TTSWW516	0-3'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		TTWE516	0-3'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
E-39	Dry Well Outside Former Facility Maintenance Area	E39B01	8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
E-41	Dry Well Outside Former Paint Tunnel	E41B01	8-10'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			18-20'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
E-42	Unidentified Pit Outside Boiler Room	E42B01	3-5'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			5-7'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
E-43	Former 2,000 Gal Gas USTs (4) S. of Refrigeration/Air Conditioning Room	E43B01	6-8'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			14-16'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
E-44	Former Gas Pump House S. of Refrigeration/Air Conditioning Room	E44B01	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	
D-14	LIPA Pit/Sump	D14B01	5-7'	Arsenic 7.9 mg/kg; Chromium 383 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			7-9'	Arsenic 9.1 mg/kg; Chromium 221 mg/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			9-11'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Not Remediated	

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCOs	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
D-15	Square Ejector Pit North of Recharge Basin	D15B01	6-8'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Remediation to 27'bgs Complete	
			10-12'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Remediation to 27'bgs Complete	
			14-16'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Remediation to 27'bgs Complete	
			17-19'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Remediation to 27'bgs Complete	
			19-21'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1. May 2001	Remediation to 27'bgs Complete	
		D15B01A	21-23'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			25-27'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			29-31'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		D15B02	11-13'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			15-17'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			19-21'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			23-25'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			27-29'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			31-33'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		D15B03	11-13'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			15-17'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			19-21'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			23-25'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			27-29'	Chromium 261 mg/kg N	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
D-15 (continued)	Square Ejector Pit North of Recharge Basin (continued)	D15B03 (continued)	31-33'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		D15B04	11-13'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			15-17'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			19-21'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			23-25'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			27-29'	Chromium 177 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			31-33'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		D15B05	20-22'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			24-26'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			28-30'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			32-34'	Chromium 71.9 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		D15B06	20-22'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			28-30'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		D15B07	20-22'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	

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NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
D-15 (continued)	Square Ejector Pit North of Recharge Basin (continued)	D15B07 (continued)	24-26'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			28-30'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		D15B08	20-22'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			24-26'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bgs Complete	
			28-30'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	



TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCOs	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
D-15 (continued)	Square Ejector Pit North of Recharge Basin (continued)	D15B09	20-22'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bg's Complete	
			24-26'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bg's Complete	
			28-30'	Chromium 110 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		D15B10	20-22'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bg's Complete	
			24-26'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bg's Complete	
			28-30'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		D15B11	24-26'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bg's Complete	
			28-30'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		D15B12	20-22'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bg's Complete	
			24-26'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Remediation to 27'bg's Complete	

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
D-15 (continued)	Square Ejector Pit North of Recharge Basin (continued)	D15B12 (continued)	32-34	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
D-17	Pit in Tomb Adjacent to South Side of Former Carpentry Shop	D17B01	0-2'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1, May 2001	Not Remediated	
			2-4'	None	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1, May 2001	Not Remediated	
			4-6'	Benzo(a)anthracene 320 ug/kg; Chrysene 540 ug/kg; Benzo(a)pyrene 180 ug/kg	Northrop Grumman, Bethpage Facility: Phase II Site Assessment- Plant 1, May 2001	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
UNDERGROUND INJECTION CONTROL (UIC) PROGRAM							
INTERIOR SAMPLES:							
I-01	Former Leaching Pools in Former Facility Maintenance Area	I01B01	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 10-14'bgs Complete	
			18-20'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		I01B01A	12-14'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 10-14'bgs Complete	
			14-16'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			16-18'	Chromium 72.8 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		I01B02	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 10-14'bgs Complete	
			16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		I01B02A	12-14'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 10-14'bgs Complete	
			14-16'	Chromium 95.6 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
I-01 (continued)	Former Leaching Pools in Former Facility Maintenance Area (continued)	I01B03	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation 10-14'bgs Complete	
			16-18'	Mercury 0.27 mg/kg;	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation at the AOC was limited to the removal of the maximum practical amount of soil without undermining the structure and/or the Plant 1 building.
		I01B03A	12-14'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation 10-14'bgs Complete	
			14-16'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			18-20'	Chromium 131 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation at the AOC was limited to the removal of the maximum practical amount of soil without undermining the structure and/or the Plant 1 building.
			20-22'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			22-24'	Mercury 0.56 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation at the AOC was limited to the removal of the maximum practical amount of soil without undermining the structure and/or the Plant 1 building.
		I01B03A1	26-28'	Cadmium 11.2 mg/kg; Lead 653 mg/kg; Mercury 0.96 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation at the AOC was limited to the removal of the maximum practical amount of soil without undermining the structure and/or the Plant 1 building.
			28-30'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			34-36'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
I-19	Material Stock Room	I19B02	5.5-7.5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 5.5-9.5'bgs Complete	

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
I-19 (continued)	Material Stock Room (continued)	I19B02 (continued)	7.5-9.5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 5.5-9.5' bgs Complete	
I-19 (continued)		I19B02A	9.5-11.5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			11.5-13.5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
I-27	Pipe Trench in SMS Bench Parking Area	I27B01	3-5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 6'9" Complete	
			5-7'	Benzo(a)anthracene 2500 ug/kg; Chrysene 2800 ug/kg; Benzo(b)fluoranthene 2100 ug/kg; Benzo(k)fluoranthene 2100 ug/kg; Benzo(a)pyrene 2100 ug/kg; Dibenzo(a,h)anthracene 180 ug/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 6'9" Complete	While remediation occurred and the endpoint sampling shows only an exceedance of Benzo(a)pyrene (82 ppb), remediation did not reach a depth of 7' and so it will be assumed these exceedances still remain.
		I27B01A	7-9'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			9-11'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			11-13'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		I27B02	1.5-3.5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 5.5' bgs Complete	
			3.5-5.5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 5.5' bgs Complete	
		I27B02A	5.5-7.5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			7.5-9.5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			9.5-11.5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

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I-29	Boiler Room Pit	I29B01	2-4'	Phenol 89 ug/kg; Benzo(a)anthracene 430 ug/kg; Chrysene 440 ug/kg; Benzo(a)pyrene 320 ug/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 2.5'bgs Complete	Soil was excavated to an approximate depth of 2.5', however it is assumed that some of the exceedences remain.
			4-6'	Phenol 62 ug/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	This location was switched to the RCRA program, so is no longer subject to UIC constraints. Remediation not required since Plant 1 Action Levels were not exceeded.
		I29B01A	6-8'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			8-10'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
I-38	Boiler Room	I38B03	1-3'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 5'bgs Complete	
			3-5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 5'bgs Complete	
		I38B03A	5-7'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			7-9'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			9-11'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
Exterior Samples:							
E-03	Former Heat Treat Drainage Wells	E03B03	12-14'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 12-16'bgs Complete	
			20-22'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E03B03A	14-16'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 12-16'bgs Complete	
			16-18'	Chromium 118 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	The maximum practical amount of soil was removed from this drywell without undermining the structures integrity.
			18-20'	Chromium 134 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	The maximum practical amount of soil was removed from this drywell without undermining the structures integrity.

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-06	Leaching Pool Area	E06B07	11-13'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediated from 7.5-14'bgs Complete	
			15-17'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E06B08	8-10'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 7.5-13'bgs Complete	
			16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E06B08A	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 7.5-13'bgs Complete	
			12-14'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 7.5-13'bgs Complete	
			14-16'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E06B08ACO	10'	Benzo (a) pyrene 69 ug/kg	Northrop Grumman, Bethpage Facility: Interim Report No. 2 UIC Closure Program - Plant 1	Not Remediated	
E-07	Nine Leaching Pools	E07B08	13-15'	Mercury 0.18 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			19-21'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
E-08	Former Leaching Field with Twenty Leaching Pools	E08B13	14-16'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
E-10	Seven Former Leaching Pools	E10B07	11-13'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 11-13'bgs Complete	
			19-21'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	

TABLE 2  
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AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-10 (continued)	Seven Former Leaching Pools (continued)	E10B07A1	13-15'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			17-19'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
E-11	Former Dry Well	E11B01	6-10'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 3-10' bgs Complete	
			14-16'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E11B01A	10-12'	Mercury 0.12 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			12-14'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
E-14	Former Aldine Storage Chambers	E14B01	4-5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12' bgs Complete	
			10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12' bgs Complete	
		E14B01A	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12' bgs Complete	
			14-16'	Chromium 163 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			20-22'	Chromium 83.7 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E14B01A1	24-26'	Chromium 93.7 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			28-30'	Chromium 103 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			32-34'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B01NW5	5-7'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			11-13'	Chromium 62 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			17-19'	Chromium 58.1 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			21-23'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	

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AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-14 (continued)	Former Alodine Storage Chambers (continued)	E14B01NE5	5-7'	Benzo(a)anthracene 2000 ug/kg; Chrysene 1700 ug/kg; Benzo(b)fluoranthene 1800 ug/kg; Benzo(a)pyrene 1300 ug/kg; Dibenzo(a,h)anthracene 53 ug/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			11-13'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			15-17'	Chromium 52.9 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			21-23'	Chromium 51.1 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E14B01NE5A	7-9'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			9-11'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			22-24'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			26-28'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			30-32'	Chromium 53.8 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E14B01S7	5-7'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bggs Complete	
			11-13'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bggs Complete	
			15-17'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			21-23'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B01SW10	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bggs Complete	
			16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			22-24'	Mercury 0.13 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			26-28'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B01WNW11	16-18'	Chromium 60.2 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			20-22'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	



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E-14 (continued)	Former Alodine Storage Chambers (continued)	E14B01WNW11 (continued)	24-26'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			30-32'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B01SE11	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	
			18-20'	Mercury 1.1 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			22-24'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			26-28'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B01WNW15	16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			22-24'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			26-28'	Arsenic 8.6 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			30-32'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B01S15	16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			22-24'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			28-30'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			30-32'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B01W10	4-6'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	
			10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	
			16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			22-24'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			28-30'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	

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E-14 (continued)	Former Alodine Storage Chambers (continued)	E14B01WSW15	16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			26-28'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			30-32'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B02	7-8'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	
			10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	
		E14B02A	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	
			16-18'	Chromium 160 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			20-22'	Chromium 157 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E14B02A1	24-26'	Chromium 178 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			26-28'	Chromium 164 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			30-32'	Chromium 102 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E14B02A2	32-34'	Chromium 60.7 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			36-38'	Chromium 110 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			46-48'	Chromium 59.4 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			48-50'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B02AENE12	4-6'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	
			12-14'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	

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E-14 (continued)	Former Alodine Storage Chambers (continued)	E14B02AENE12 (continued)	18-20'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			24-26'	Chromium 51.2 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			30-32'	Chromium 103 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E14B02AENE12A	32-35'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	Chromium 136 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			40-42'	Chromium 539 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	The maximum practical amount of soil was removed from this location without undermining the retaining wall's structural integrity.
			44-46'	Chromium 78.1 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			48-50'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E14B02AESE12	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	
			16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			22-24'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			28-30'	Chromium 104 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B02AESE12A	32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	Chromium 105 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			40-42'	Chromium 206 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			44-46'	Chromium 112 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			48-50'	Chromium 93.1 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.

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E-14 (continued)	Former Alodine Storage Chambers (continued)	E14B02N5	5-7'	Benzo(a)pyrene 110 ug/kg; Arsenic 10.9 mg/kg; Chromium 57.8 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			11-13'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			17-19'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			21-23'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B02N5A	7-9'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			9-11'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B02S7	5-7'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediated	
			11-13'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediated	
			15-17'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			21-23'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B02SE11	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	
			16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			26-28'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B02S15	16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			22-24'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			26-28'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			30-32'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	

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E-14 (continued)	Former Alodine Storage Chambers (continued)	E14B02S15E10	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	
			16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			26-28'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			30-32'	Mercury 0.21 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E14B02S15S7	12-14'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			22-24'	Arsenic 29.7 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	The maximum practical amount of soil was removed from this location without undermining the retaining wall's structural integrity.
			26-28'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			30-32'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B02S15W10	12-14'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			24-26'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			28-30'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B03	8-9'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	
			10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-14 (continued)	Former Alodine Storage Chambers (continued)	E14B03A	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	Remediation not required since Plant 1 Action Levels were not exceeded.
			14-16'	Chromium 132 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			20-22'	Chromium 62.3 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E14B03A1	22-24'	Chromium 68.3 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			26-28'	Chromium 73.9 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			30-32'	Chromium 85.7 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E14B03A2	32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	Chromium 78 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			40-42'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			44-46'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			48-50'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E14B03ESE5	6-8'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	
			14-16'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			20-22'	Chromium 71.7 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			24-26'	Chromium 68.3 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			30-32'	Chromium 83.5 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E14B03ESE5A	32-34'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			36-38'	Chromium 117 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			40-42'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	

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NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-14 (continued)	Former Alodine Storage Chambers (continued)	E14B03ESE5A (continued)	44-46'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			48-50'	Chromium 83.5 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E14B03SSE15	16-18'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			20-22'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			24-26'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			28-30'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	Chromium 111 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			44-46'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E14B03SSE25	34-36'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			38-40'	Chromium 62.1 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			42-44'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			46-48'	Chromium 121.7 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E14B03ESE15	16-18'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			20-22'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			24-26'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			28-30'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCOs	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-14 (continued)	Former Alodine Storage Chambers (continued)	E14B03ESE15 (continued)	36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			44-46'	Chromium 177 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			48-50'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
		E14B03ESE25	34-36'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			38-40'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			42-44'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			46-48'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E14B03NW5	5-7'	Benzo(a)anthracene 340 ug/kg; Chrysene 410 ug/kg; Benzo(a)pyrene 230 ug/kg; Chromium 156 mg/kg; Mercury 0.29 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			9-11'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			15-17'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			21-23'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B03NE5	5-7'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			11-13'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			15-17'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			21-23'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B03S7	6-8'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12' bgs Complete	
			14-16'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	



TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCOs	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-14 (continued)	Former Alodine Storage Chambers (continued)	E14B03S7 (continued)	26-28'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			30-32'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B03SE10	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	
			16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			20-22'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			26-28'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B03SE25	34-36'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			38-40'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			42-44'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			46-48'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E14B03E10	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 12'bgs Complete	
			16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			22-24'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			26-28'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E14B09	32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			44-48'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			48-50'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-14 (continued)	Former Alodine Storage Chambers (continued)	E14B08	32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			44-46'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			48-50'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E14B07	32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			44-46'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			48-50'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E14B05	32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			44-46'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			48-50'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E14B04	32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	Chromium 194 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.
			44-46'	Chromium 57.8 mg/kg	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	Remediation not required since Plant 1 Action Levels were not exceeded.

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-14 (continued)	Former Alodine Storage Chambers (continued)	E14B04 (continued)	48-50'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E14B06	32-34'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			36-38'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			40-42'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			44-46'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
			48-50'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: Supplemental Phase II Delineation Sampling - Plant 1	Not Remediated	
		E14EP-1	16-18'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Not Remediated	
		E14EP-2	16-18'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Not Remediated	
		E14EP-3	16-18'	None	North Grumman, Bethpage Facility: Remedial Action Completion Report: End Point Sampling - Plant 1	Not Remediated	
E-15	Loading Platform Dry Well	E15B01	7-9'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 11'bgs Complete	
			11-13'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
E-16	Former Leaching Gallery	E16B01	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 10-12'bgs Complete	
			14-16'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E16B01A	12-14'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
E-24	Former Dry Well	E24B01	4-6'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 4-11'bgs Complete	
			12-14'	Phenol 83 ug/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	The maximum practical amount of soil was removed from this drywell without undermining the structures integrity.

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
E-24 (continued)	Former Dry Well (continued)	E24B01A	6-8'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 4-11'bgs Complete	
			8-10'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 4-11'bgs Complete	
			10-12'	Benzo(a)anthracene 300 ug/kg J; Benzo(a)pyrene 250 ug/kg J	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	The maximum practical amount of soil was removed from this drywell without undermining the structures integrity.
			12-14'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
E-31	Dry Wells North of Former Carpentry Shop	E31B01	8-10'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 4-12'bgs Complete	
			16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
		E31B01A	10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 4-12'bgs Complete	
			12-14'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			14-16'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
D-01	Dry Well Northeast of Water Tank	D01B01	9-11'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 9-13'bgs Complete	
			13-15'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			17-19'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
D-02	Dry Well in Northeast Parking Lot	D02B01	13-15'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 24'bgs Complete	
			17-19'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 24'bgs Complete	
			21-23'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 24'bgs Complete	
		D02B01A	25-27'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			27-29'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			33-35'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
D-03	Dry Well in Northeast Parking Lot	D03B01	13-15'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 13-17'bgs Complete	
			17-19'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			21-23'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
D-04	Dry Well in Roadway Along East Side of Building	D04B01	16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 16-24'bgs	
			20-22'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 16-24'bgs	
			24-26'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
D-05	Dry Well in Roadway Along East Side of Building	D05B01	12-14'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 12-24'bgs Complete	
			16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 12-24'bgs Complete	
			20-22'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 12-24'bgs Complete	
		D05B01A	22-24'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 12-24'bgs Complete	
			26-28'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			30-32'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
D-06	Dry Well in Southeast Corner of Air Conditioning Room	D06B01	9-11'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 9-13'bgs Complete	
			13-15'	Benzo(a)anthracene 5900 ug/kg; Chrysene 7000 ug/kg; Benzo(b)fluoranthene 5200 ug/kg; Benzo(k)fluoranthene 6300 ug/kg; Benzo(a)pyrene 5000 ug/kg; Dibenzo(a,h) 220 ug/kg; Arsenic 14.4 mg/kg; Cadmium 50.2 mg/kg; Chromium 167 mg/kg; Mercury 1.7 mg/kg; Selenium 3.8 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	The maximum practical amount of soil was removed from this drywell without undermining the structures integrity. Endpoint samples were collected at 16' bgs and did not exceed Plant 1 Action Levels.
			17-19'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
D-07	Dry Well in Southeast Corner of Air Conditioning Room	D07B01	16-18'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 16-20'bgs Complete	
			20-22'	Benzo(a)pyrene 170 ug/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			24-26'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
D-08	Earthen Area Which Receives Discharge From Slop Sink in Drum Storage Area	D08B01	0.5-2.5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 4.5'bgs Complete	
			4.5-6.5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			8.5-10.5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
D-09	Drainage Structure Northwest of Boiler Room	D09B01	3-5'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 7'bgs Complete	
			7-9'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			11-13'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
D-10	"Caved-in" Dry Well Northwest of Boiler Room	D10B01	5-7'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 11'bgs Complete	
			7-9'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 11'bgs Complete	
			9-11'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 11'bgs Complete	
			11-13'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			13-15'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	

TABLE 2  
NORTHROP GRUMMAN CORPORATION  
PLANT 1  
SUMMARY OF NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCOs) EXCEEDANCES

AOC NUMBER	AREA OF CONCERN	SOIL BORING IDENTIFICATION	SOIL/CORE SAMPLE	SUMMARY OF REMAINING CONTAMINANT CONCENTRATIONS EXCEEDING THE NYSDEC TAGM RSCO'S	REPORT IN WHICH DATA IS CONTAINED (1)	STATUS OF REMEDIATION	COMMENTS
D-11	Subsurface Structure Northwest of Boiler Room With Six Pipe Sleeves	D11B01	2-4'	Arsenic 8 mg/kg; Chromium 123 mg/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 2-3'bgs Complete	While remediation occurred, it did not reach a depth of 4' and so it will be assumed the exceedances remain.
			6-8'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			10-12'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
D-13	3 Dry Wells Adjacent to Pump Station B	D13B01	9-11'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation from 9-11'bgs Complete	
			13-15'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
			17-19'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	
D-16	Sump within Air Handling Room	D16B01	1-3'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 7.5'bgs Completed	
			5-7'	None	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Remediation to 7.5'bgs Completed	
DF-05	Facilities Maintenance Area	I01B03	10'	Benzo(a)pyrene 76 ug/kg	Northrop Grumman, Bethpage Facility: Underground Injection Control (UIC) Program: Phase II Site Assessment - Plant 1	Not Remediated	

Notes:

N/A: Not applicable.

1. Report references:

"Phase II Site Assessment, Plant 1, Northrop Grumman Corporation, Bethpage, New York," Dvirka and Bartilucci Consulting Engineers, May 2001.

"UIC Phase II Site Assessment, Plant 1, Northrop Grumman Corporation, Bethpage, New York," Dvirka and Bartilucci Consulting Engineers, June 2001.

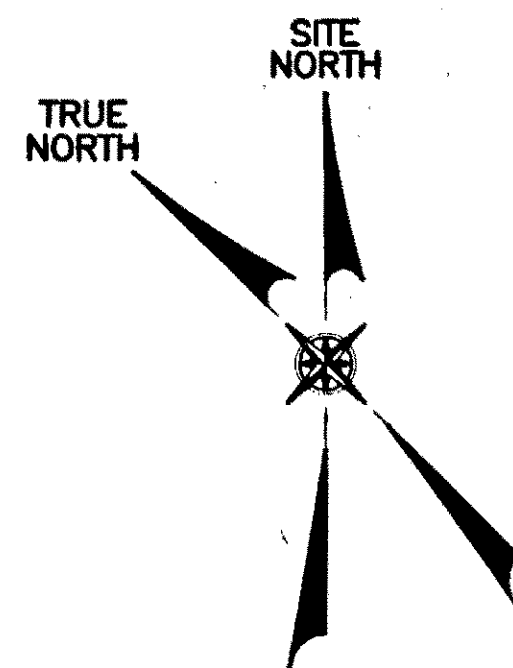
"Remedial Action Completion Report -- Plant 1 Facility, Northrop Grumman Corporation, Bethpage, New York," Dvirka and Bartilucci Consulting Engineers, August 2002.

2. No NYSDEC RSCO for elvols.

3. No NYSDEC RSCO for TPHCs. A value of 1,000 mg/kg is commonly utilized by the NCDH.

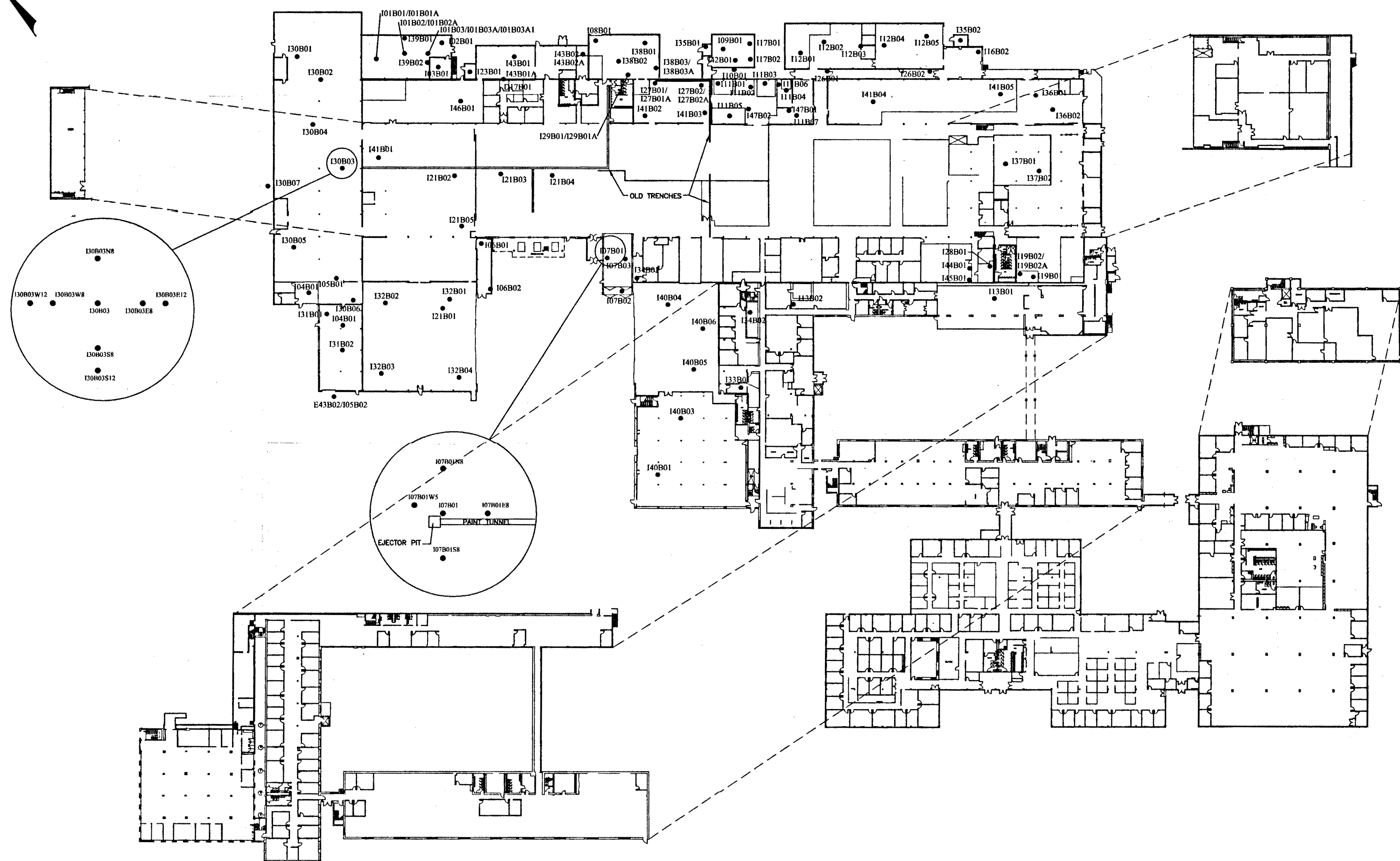
**ATTACHMENT 5**





**LEGEND**  
102B01 ● INTERIOR SOIL BORING/SAMPLE LOCATION AND DESIGNATION

**NOTE:**  
CIRCULAR DETAILS OF THE SOIL BORING LOCATIONS AND DESIGNATIONS ARE PRESENTED AT 1"=10' SCALE. WHEREAS, THE DRAWING IS PRESENTED AT 1"=50' SCALE AS INDICATED BELOW.



NO.	DATE	REVISION	INT.

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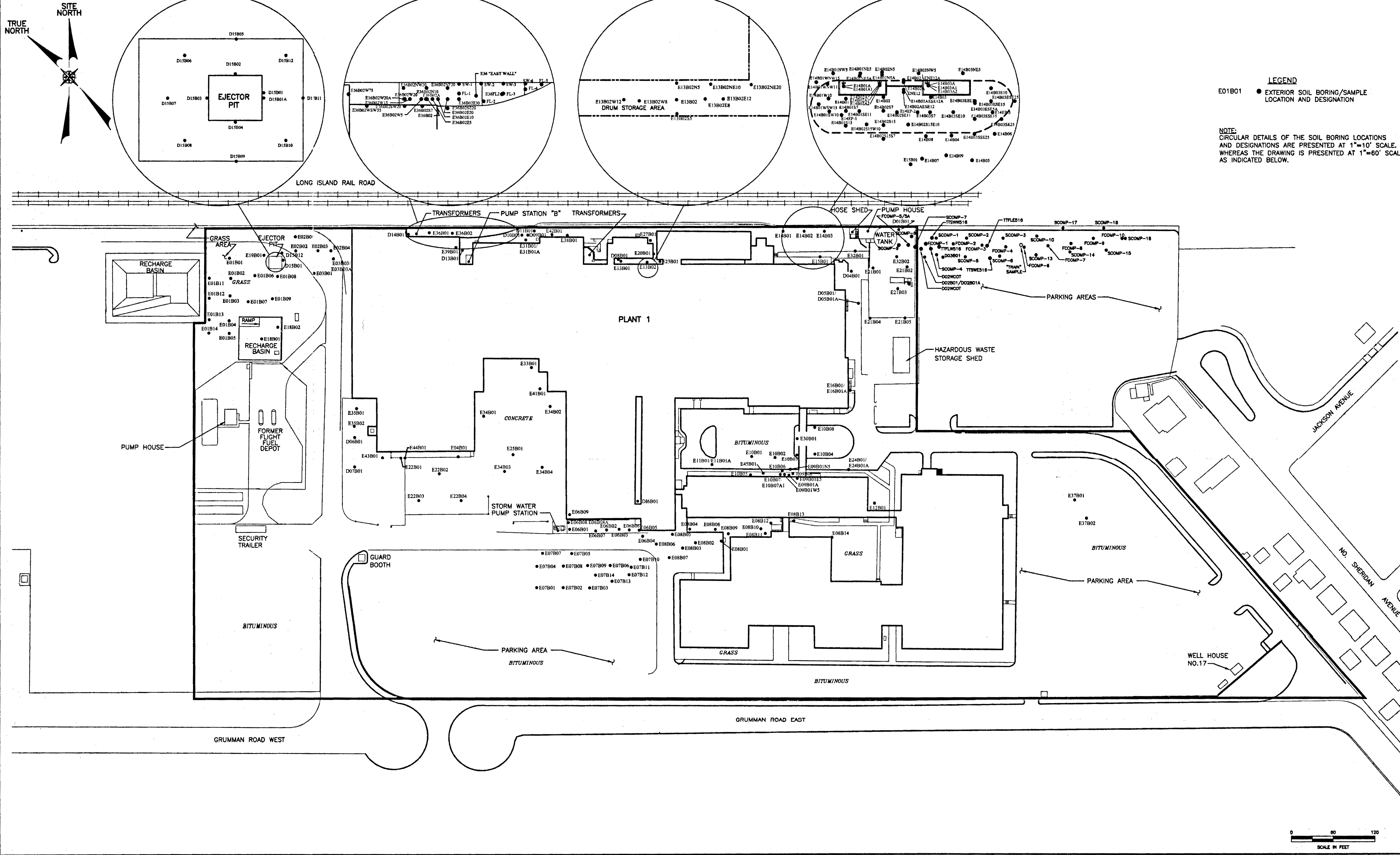
**db**  
**DVIRKA AND BARTILUCCI**  
CONSULTING ENGINEERS  
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

NORTHROP GRUMMAN CORPORATION  
BETHPAGE, NEW YORK

PLANT 1

SOIL BORING/SAMPLE LOCATION MAP  
INTERIOR AREAS

PROJECT NO. 801.98-Z	FIGURE NO. <b>4</b>
DATE OCTOBER 2002	
SCALE 1"=50'	



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NORTHROP GRUMMAN CORPORATION  
BETHPAGE, NEW YORK

**PLANT 1**

**SOIL BORING/SAMPLE LOCATION  
MAP  
EXTERIOR AREAS**

PROJECT NO.	801.98-Z	DRAWING NO.	3
DATE:	OCTOBER 2002		
SCALE:	1"=60'		