PHASE I ENVIRONMENTAL SITE ASSESSMENT for the PRODUCT MANUFACTURING PLANT 3 SITE

GOCO FACILITY
BETHPAGE, NEW YORK

Prepared for:

NORTHROP GRUMMAN CORPORATION
South Oyster Bay Road
Bethpage, New York

April 11, 1997

RADIAN INTERNATIONAL LLC

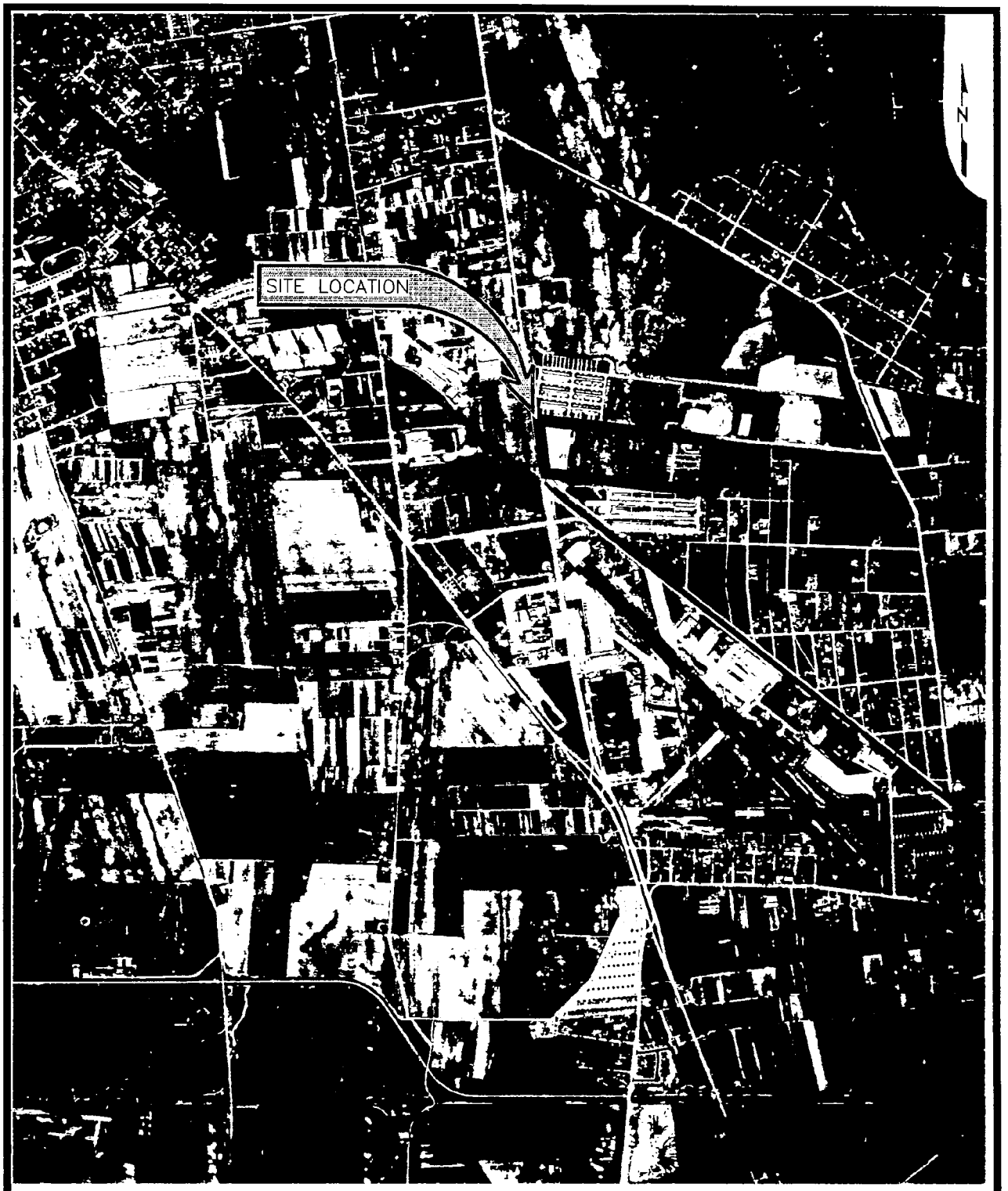
APPENDICES

Printed on Recycled Paper

A

APPENDIX A

AERIAL PHOTOGRAPHS



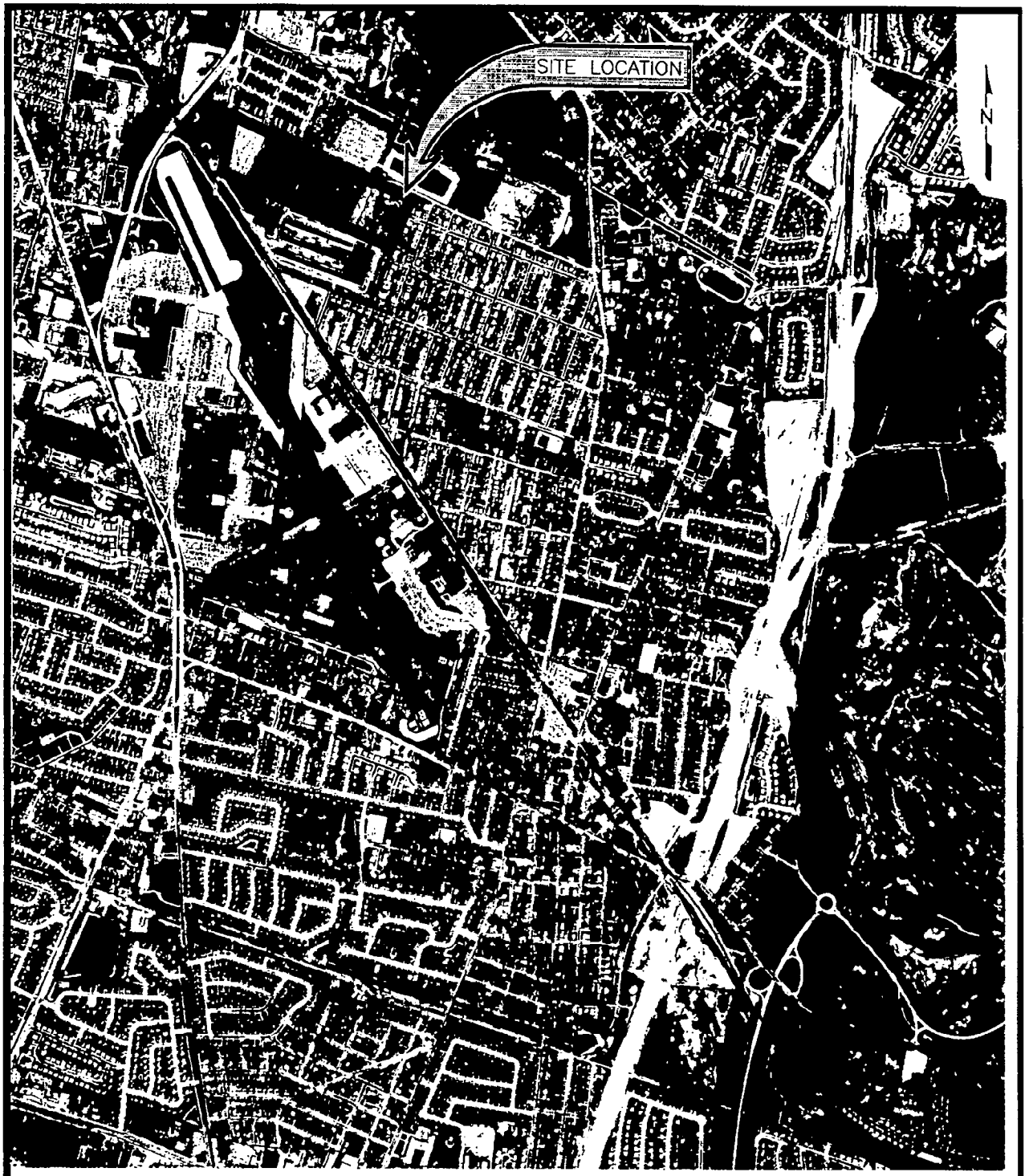
CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: AERIAL PHOTOGRAPH 1947		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: SEPT. 1996	FIGURE: A-1
	PROJECT No.: 2704-300	SCALE: UNKNOWN	FILE NUMBER: AP1947

CLIENT:
NORTHROP GRUMMAN CORP.
BETHPAGE, LONG ISLAND, NY

RADIAN INTERNATIONAL LLC
FAIRFIELD, NEW JERSEY

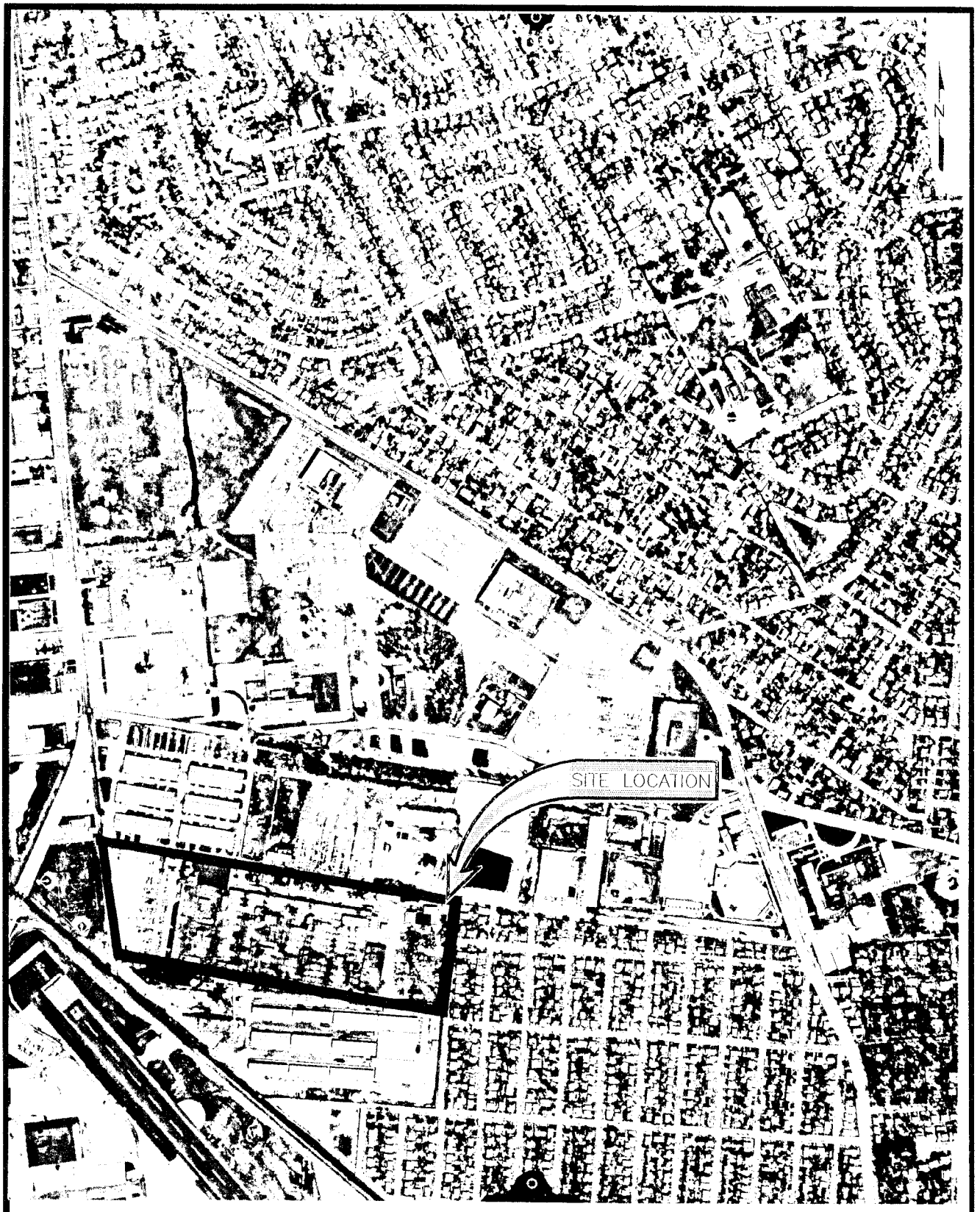
DWG. TITLE:
AERIAL PHOTOGRAPH 12-2-53

DRAWN BY:	DATE:	FIGURE:
BTD	SEPT. 1996	A-2
PROJECT No.:	SCALE:	FILE NUMBER:
2704-300	UNKNOWN	AP12253



CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: AERIAL PHOTOGRAPH 4-10-62		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: SEPT. 1996	FIGURE: A-3
	PROJECT No.: 2704-300	SCALE: 1" = 1500'	FILE NUMBER: AP41062

CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: AERIAL PHOTOGRAPH 3-8-66		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: SEPT. 1996	FIGURE: A-4
	PROJECT No.: 2704-300	SCALE: UNKNOWN	FILE NUMBER: AP3866

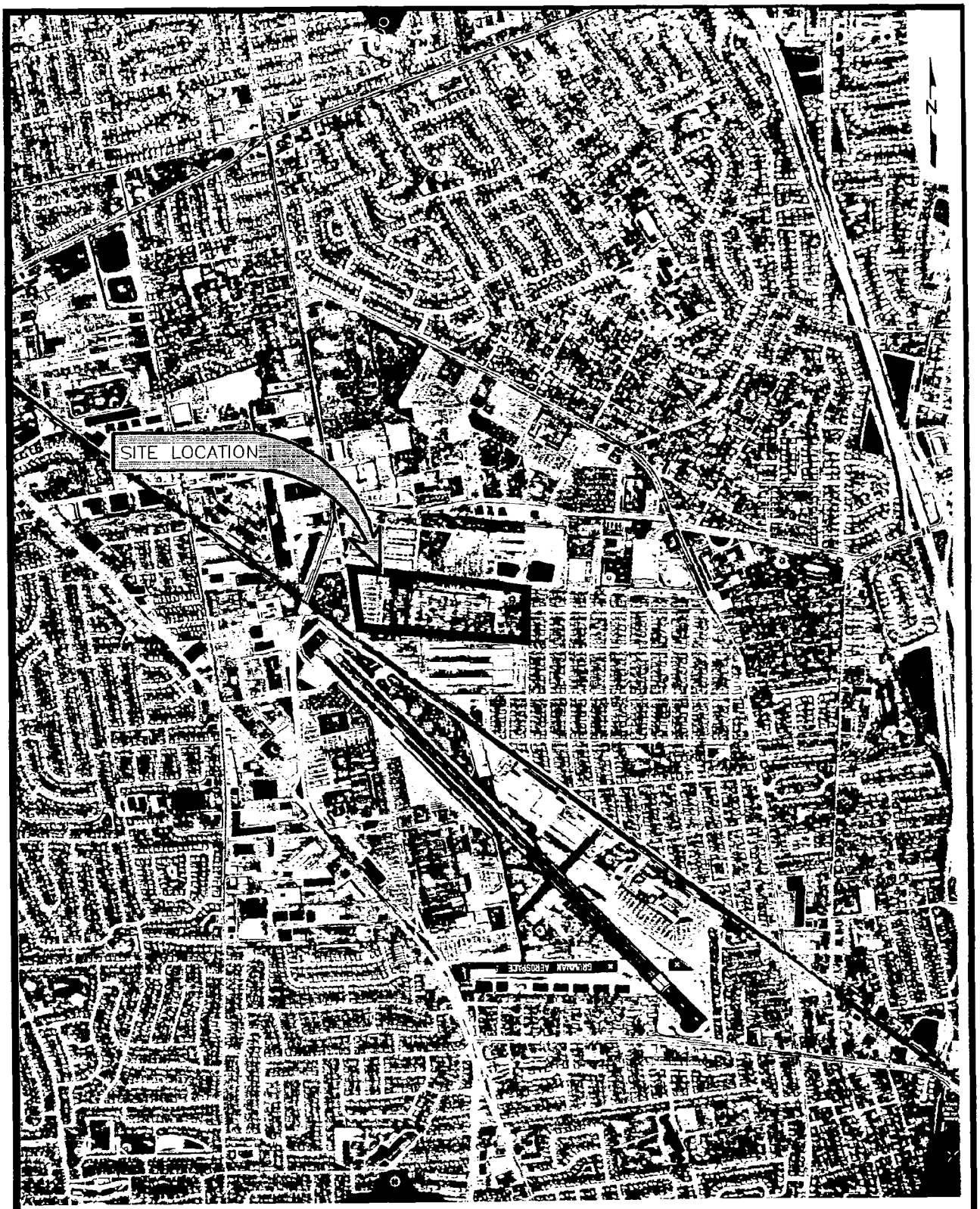


CLIENT:
NORTHROP GRUMMAN CORP.
BETHPAGE, LONG ISLAND, NY

RADIAN INTERNATIONAL LLC
FAIRFIELD, NEW JERSEY

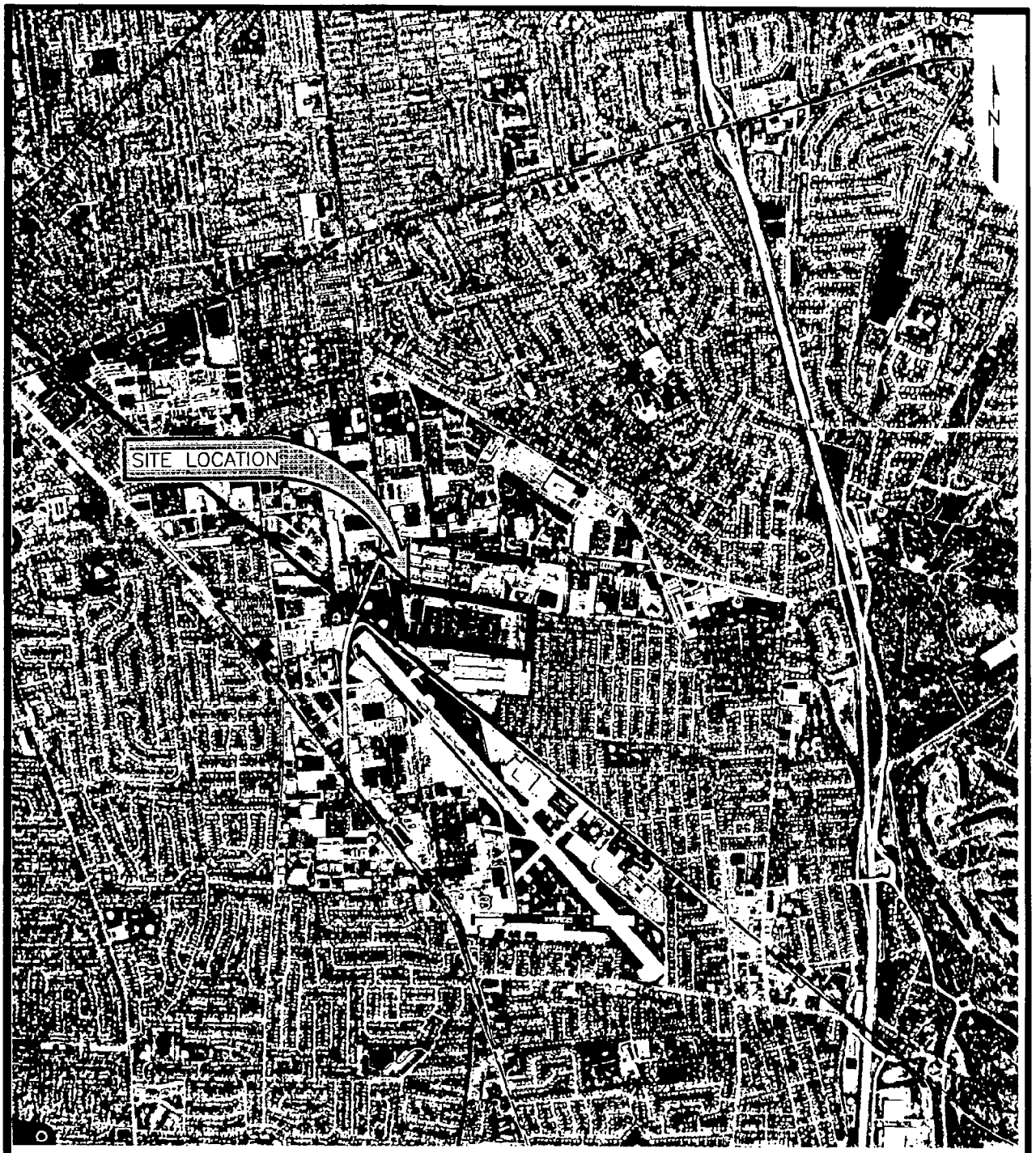
DWG. TITLE:
AERIAL PHOTOGRAPH 4-10-76

DRAWN BY:	DATE:	FIGURE:
BTD	SEPT. 1996	A-5
PROJECT No.:	SCALE:	FILE NUMBER:
2704-300	1" = 800'	AP41076



CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: AERIAL PHOTOGRAPH 4-5-78		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: SEPT. 1996	FIGURE: A-6
	PROJECT No.: 2704-300	SCALE: 1" = 1600'	FILE NUMBER: AP4578

CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: AERIAL PHOTOGRAPH 3-21-86		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: SEPT. 1996	FIGURE: A-7
	PROJECT No.: 2704-300	SCALE: 1" = 800'	FILE NUMBER: AP32186



CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: AERIAL PHOTOGRAPH 4-14-93		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: SEPT. 1996	FIGURE: A-8
	PROJECT No.: 2704-300	SCALE: 1" = 2000'	FILE NUMBER: AP41493

B

APPENDIX B

CHAIN OF TITLE

Land Title Research

Suite 1200
11 North Pearl Street
Albany, New York 12207

PHONE (518) 427-6929
FAX (518) 427-6965

May 31, 1996

Mr. Michael Huston
Radian International
710 Route 46 East, Suite 401
Fairfield. NJ 07004

Client Reference: EDR
LTR Reference: 961204

Subject: Grumman
Bethpage, NY
Jurisdiction: Nassau County, NY
Term of Search: Seventy Five years
Record Owner: Grumman Aerospace Corp.

A seventy five year property history search has been conducted on your behalf in the State of New York. County of Nassau for the subject listed above. Please find attached a Grantor/Grantee Report, supporting documents and additional information as requested.

The information set forth in this report was compiled from public records and other sources maintained by third parties. Therefore, we can not be held responsible for error, omission or inaccurate information. although we have exercised reasonable care in its compilation.

DOCUMENT COVER PAGE

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY

CLIENT REFERENCE #:

LTR REFERENCE #: 961204

- GRANTOR/GRANTEE REPORT
- CURRENT DEED WITH RECORD OWNER
- HISTORICAL DEEDS AND LEASES
- TAX MAP

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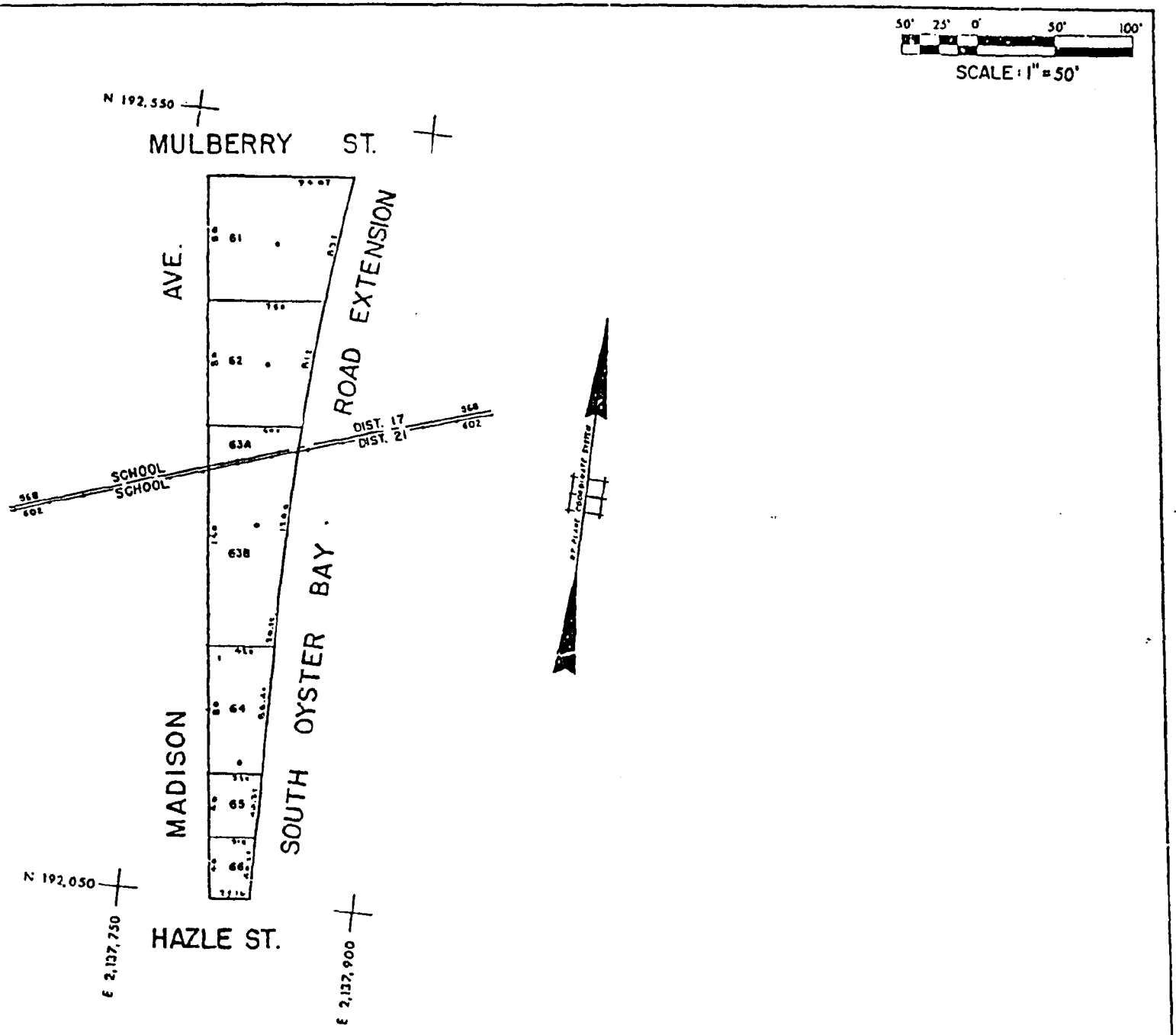
MAP

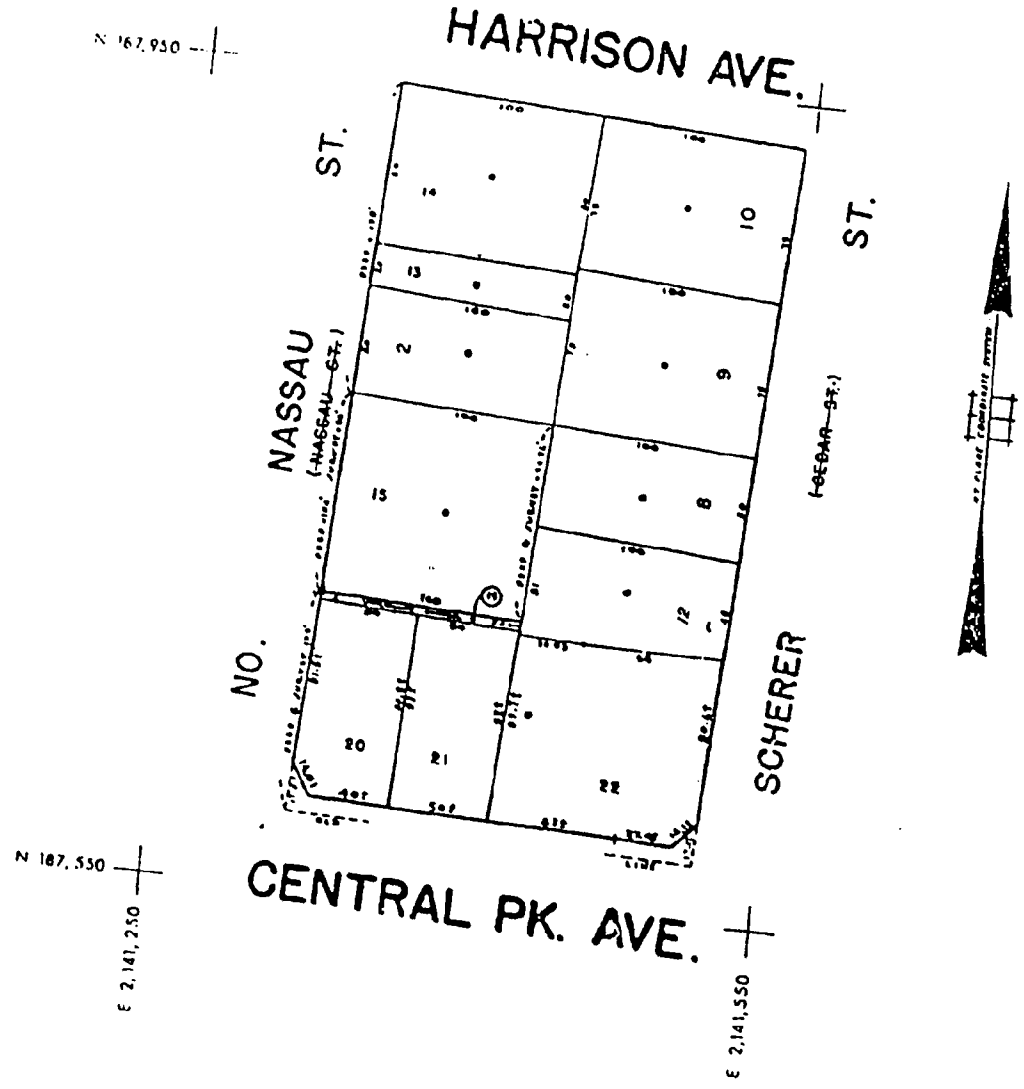
Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage Nassau County NY

CLIENT REFERENCE #: LTR REFERENCE # 961204

MAPS ATTACHED

11 North Pearl Street Albany, New York 12207 (518) 427-6929 FAX (518) 427-6965

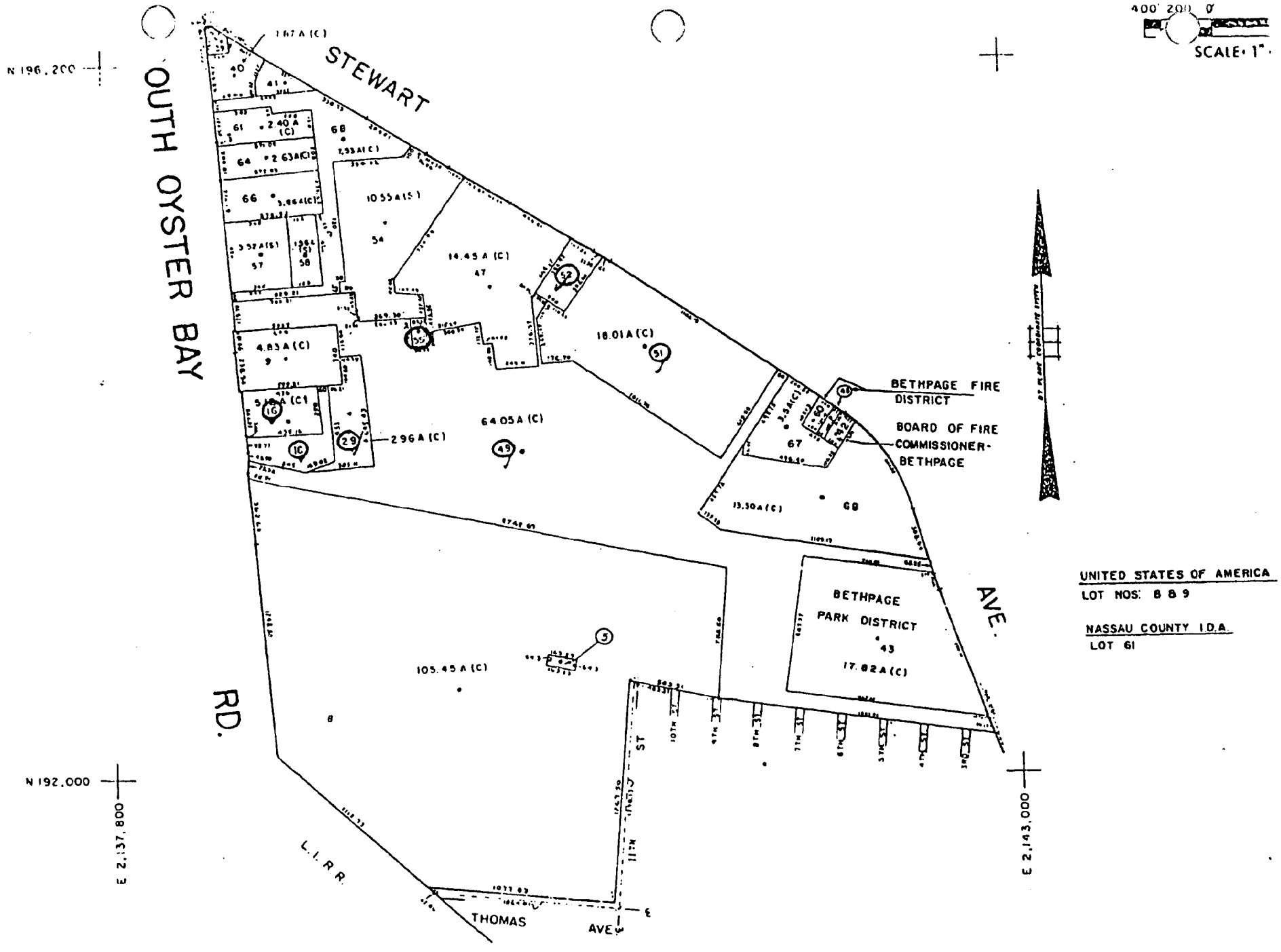




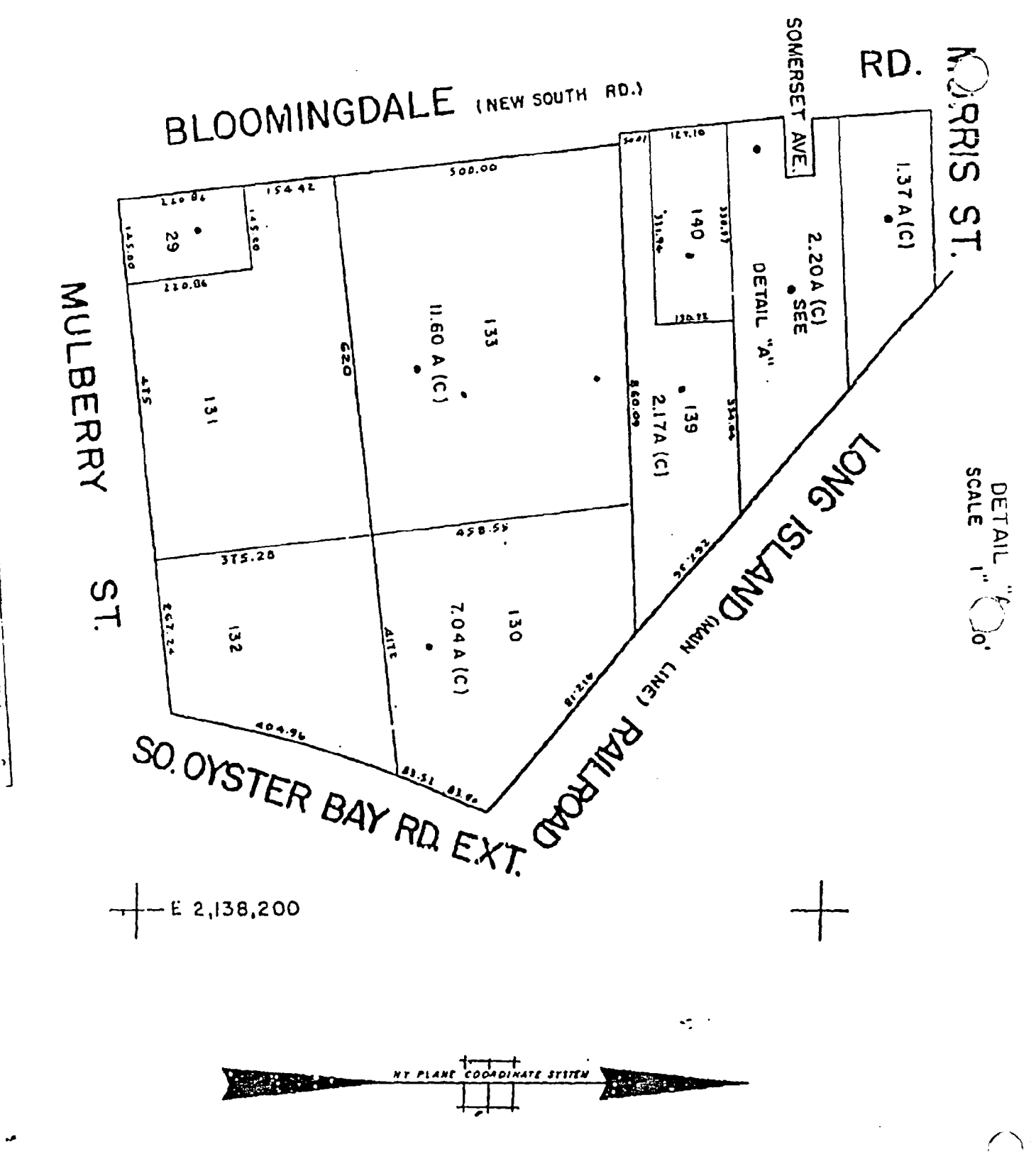
	DIST		DIST	SPECIAL DISTRICTS	DIST		DIST	MUNICIPALITIES
STATE		FIRE PROTECTION		PUBLIC PARKING		DRAINAGE		TOWN OF:
NASSAU COUNTY	3			UNINCORP - OYSTER BAY	A	UNINCORP - DIST. #1 - OYSTER BAY	B	HEMPSTEAD
WATER		SANITARY				FIRE HYDRANT RENTAL		NORTH HEMPSTEAD
PETHPAGE 237 - OLD	6			SEWER				OYSTER BAY
		REFUSE & GARBAGE		NASSAU COUNTY D #3 SAL No. 3	39	GARBAGE		CITY OF
								GLEN COVE
								LONG BEACH

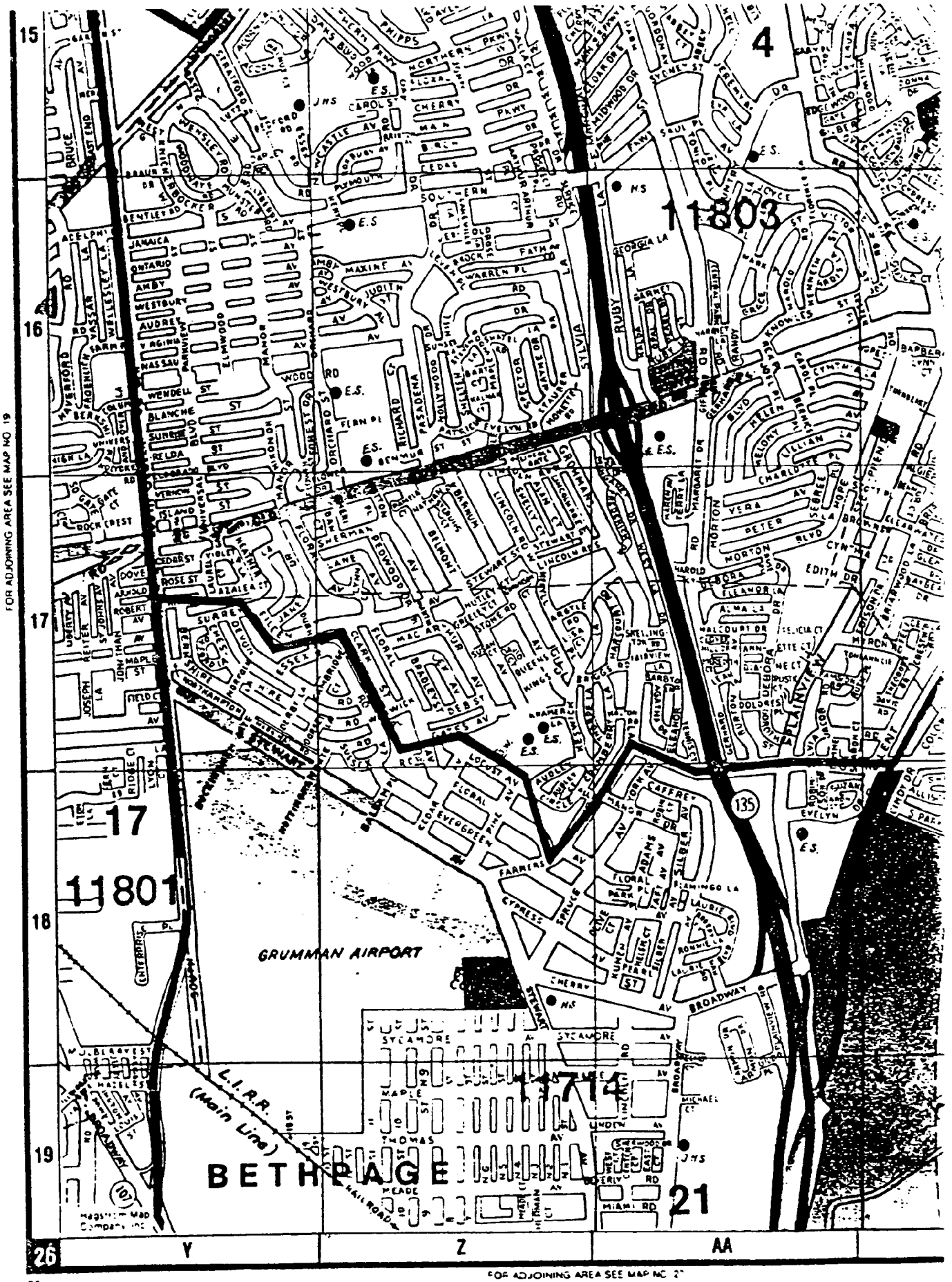
NASSAU COUNTY
LAND & TAX MAP
DEPARTMENT OF ASSESSMENT
ARE SELDOM
CHAIRMAN, BOARD OF ASSESSORS

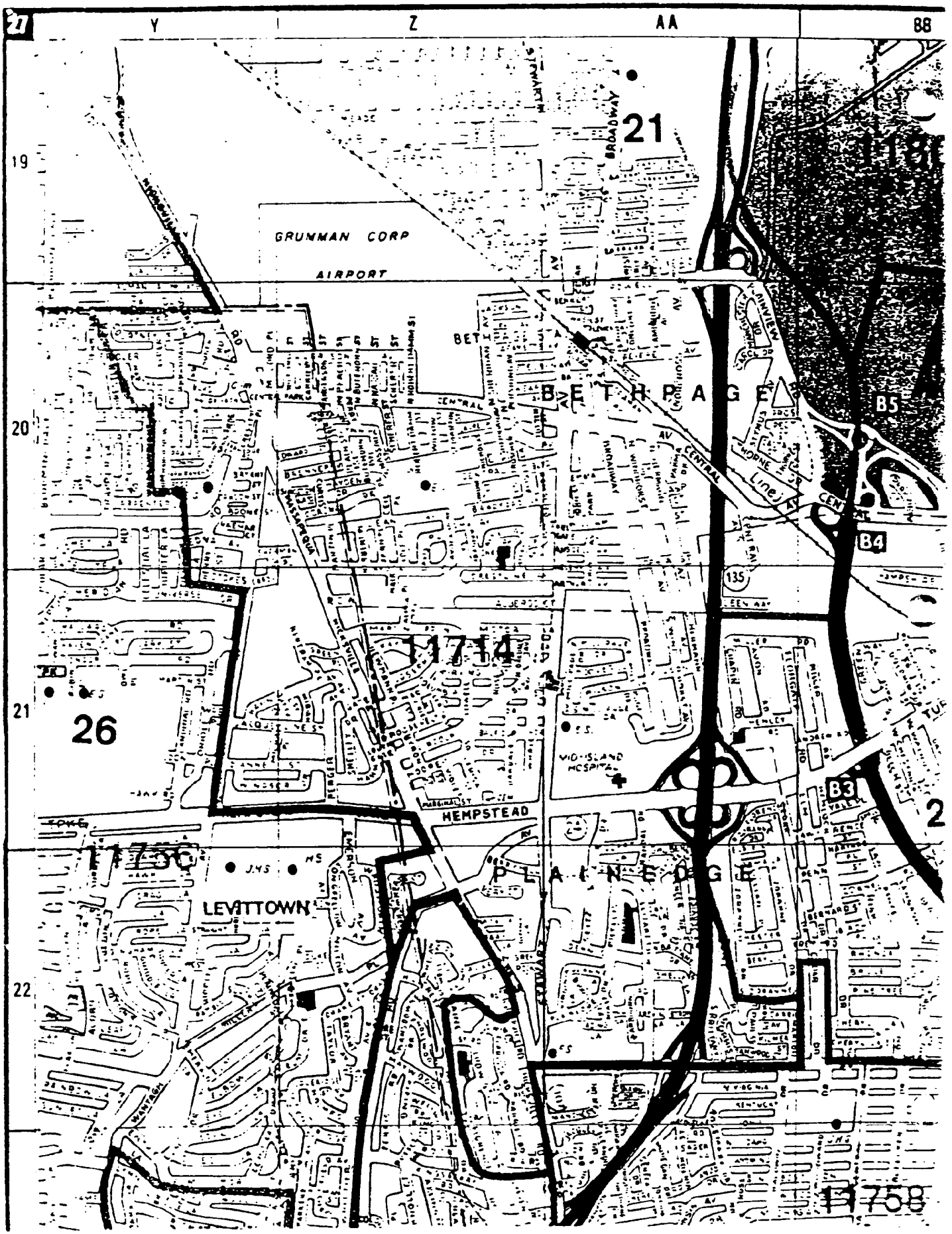
NYSDEC 058037

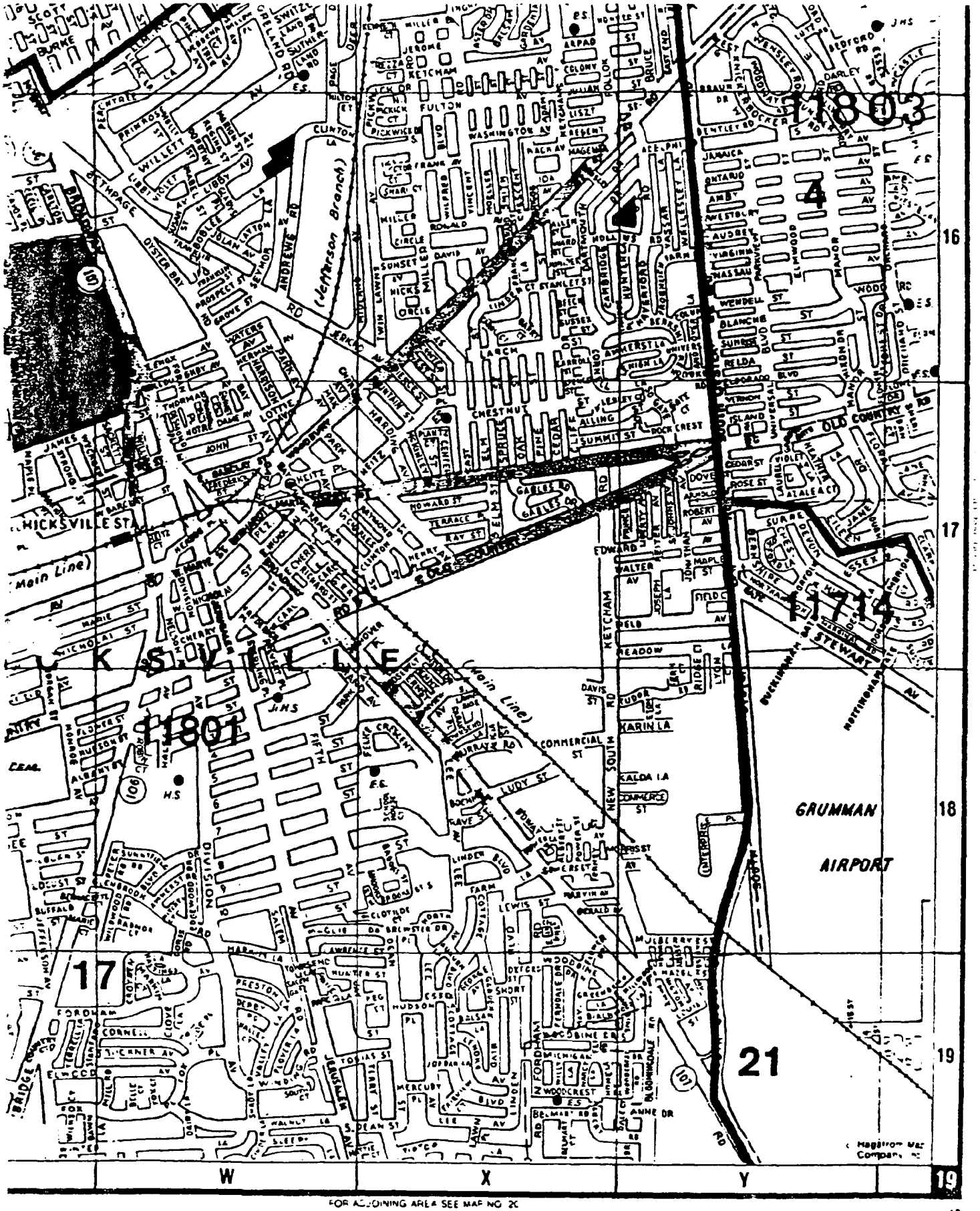


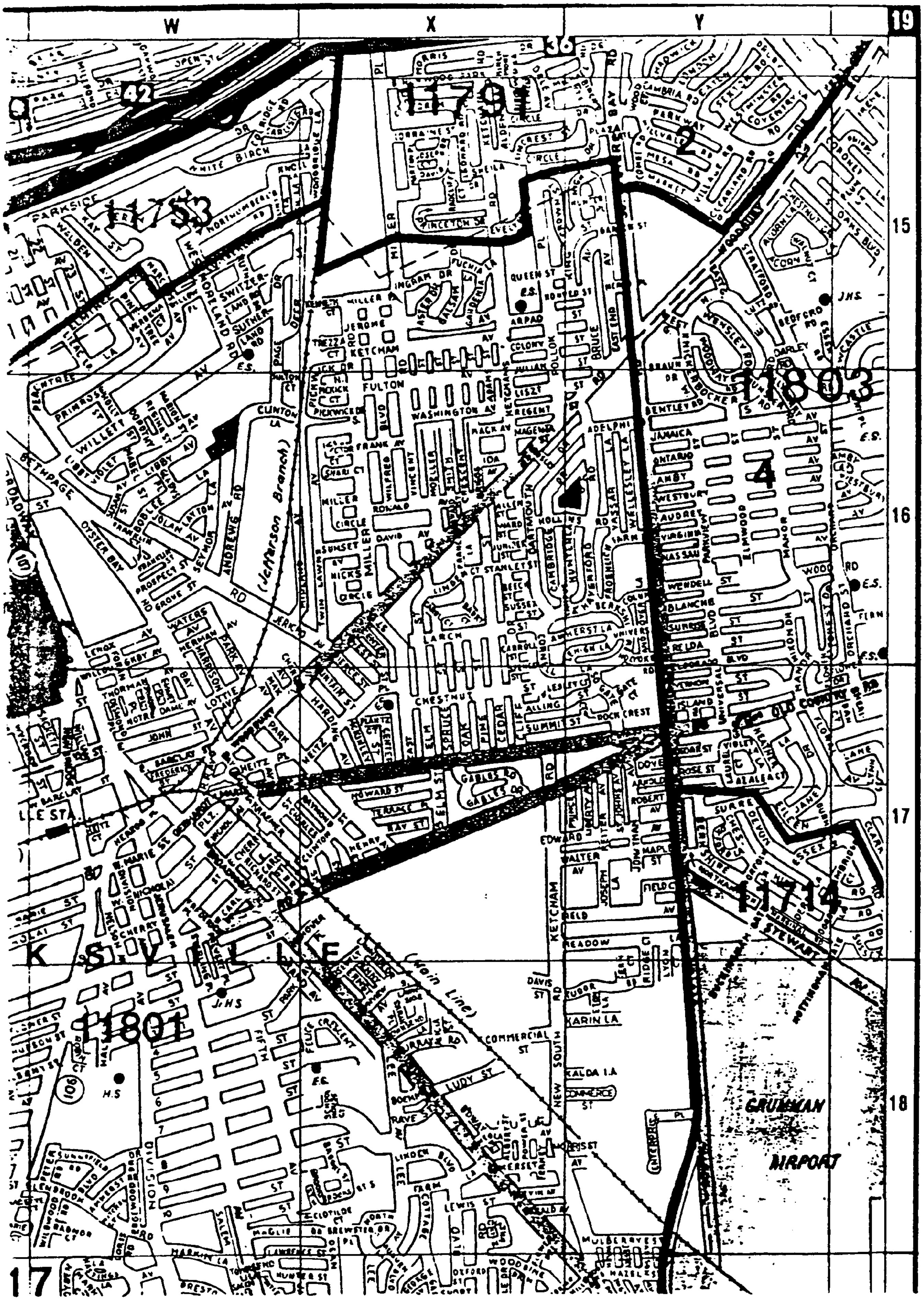
NYSDEC 058038




GRUMMAN AIRPORT
BETHPAGE
11803
11801
11714
L.I.R.R. (Main Line)
FOR ADJOINING AREA SEE MAP NO 19
FOR ADJOINING AREA SEE MAP NO 21


Y
Z
AA
BB
21
19
20
21
22
GRUMMAN CORP
AIRPORT
BROADWAY
BETHPAGE
CENTRAL AV
Line
B5
B4
B3
135
1714
26
HEMPSTEAD
1756
LEVITTOWN
PLAINEDG
1758





NYSDEC 058043

GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN ONE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain One (A)

1.			
Grantor:	BWS Realty Co., a Co-Partnership	Instrument:	Bargain & Sale Deed
		Dated:	08-01-74
Grantee:	Grumman Aerospace Corporation, a New York Corporation	Recorded:	08-07-74
Conveyed:	As described, copy attached	Book: 8709	Page: 156
2.			
Grantor:	Grumman Aircraft Engineering Corporation, a Domestic Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation, a Domestic Corporation	Recorded:	01-20-70
Conveyed:	As described, copy attached	Book: 8080	Page: 298
3.			
Grantor:	Taco Building Corp.	Instrument:	Bargain & Sale Deed
		Dated:	11-30-64
Grantee:	BWS Realty Co., a co-partnership comprised of Morris Back, Samuel Wax, Harrison A. Streisfeld & Harry Back	Recorded:	12-01-64
Conveyed:	Same as in L8709 Pg. 156	Book: 7341	Page: 6

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN ONE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

4.

Grantor:	Grumman Aircraft Engineering Corporation, a Domestic Corporation	Instrument:	Bargain & Sale Deed
		Dated:	06-11-57
Grantee:	Taco Building Corp., a Domestic Corporation	Recorded:	06-17-57
Conveyed:	As described, copy attached	Book: 6224	Page: 416

End of Chain One (A)

Chain One (B)

5.

Grantor:	Grumman Aircraft Engineering Corporation, a Domestic Corporation	Instrument:	Bargain & Sale Deed
		Dated:	03-25-59
Grantee:	Taco Building Corp., a Domestic Corporation	Recorded:	04-02-59
Conveyed:	As described, copy attached	Book: 6518	Page: 521

End of Chain One (B)

Chain One (C)

6.

Grantor:	Grumman Aircraft Engineering Corporation, a Domestic Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-28-64
Grantee:	Taco Building Corp., a Domestic Corporation	Recorded:	08-14-64
Conveyed:	As described, copy attached	Book: 7305	Page: 400

End of Chain One (C)

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN ONE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain One (D)

7.

Grantor:	Paumanock Development Corporation, a New York Corporation	Instrument:	Bargain & Sale Deed
		Dated:	08-12-86
Grantee:	Grumman Aerospace Corporation, a New York Corporation	Recorded:	10-07-86
Conveyed:	As described, copy attached	Book: 9759	Page: 193

End of Chain One (D)

Chain One (E)

8.

Grantor:	Grumman Aerospace Corporation, a Domestic Corporation	Instrument:	Bargain & Sale Deed
		Dated:	11-01-73
Grantee:	Paumanock Development Corporation, a New York Corporation	Recorded:	12-06-73
Conveyed:	As described, copy attached	Book: 8622	Page: 356

End of Chain One (E)

Chain One (F)

9.

Grantor:	Tomona Realty Company, Inc.	Instrument:	Bargain & Sale Deed
		Dated:	07-14-41
Grantee:	Grumman Aircraft Engineering Corporation, a Domestic Corporation	Recorded:	07-18-41
Conveyed:	Old Lot 6	Book: 2388	Page: 338

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage. Nassau County, NY
CHAIN ONE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

10.			
Grantor:	Edward S. Keough, Referee	Instrument:	Referee's Deed
		Dated:	11-23-35
Grantee:	Tomona Realty Company, Inc.	Recorded:	01-14-36
Conveyed:	46-G-6 and much more, foreclosing eight mtgs.	Book: 1865	Page: 110
11.			
Grantor:	Tomona Realty Company, Inc.	Instrument:	Deed
		Dated:	05-28-26
Grantee:	Cripple Bush Realty Corporation	Recorded:	06-03-26
Conveyed:	46-G-6 and much more	Book: 1106	Page: 144
12.			
Grantor:	Fairlawn Cemetery Society, a Domestic Corporation	Instrument:	Deed
		Dated:	05-22-17
Grantee:	Tomona Realty Company, Inc.	Recorded:	05-31-17
		Book: 475	Page: 32

END OF CHAIN ONE

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN TWO

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Two (A)

1.

Grantor:	Grumman Aircraft Engineering Corporation, a Domestic Corporation	Instrument:	
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation, a Domestic Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page: 450

2.

Grantor:	Michael F. Looney, James G. Looney, John L. Looney, Mavita P. Looney	Instrument:	Bargain & Sale Deed
		Dated:	09-10-48
Grantee:	Grumman Aircraft Engineering Corporation, a Domestic Corporation	Recorded:	09-15-48
Conveyed:	Same as in L. 8074 Pg. 450	Book: 3671	Page: 327

End of Chain Two (A)

Chain Two (B)

3.

Grantor:	Irving R. Kingdon	Instrument:	Bargain & Sale Deed
		Dated:	12-18-86
Grantee:	Grumman Aerospace Corporation, a Domestic Corporation	Recorded:	02-24-87
Conveyed:	As described, copy attached	Book: 9792	Page: 519

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN TWO

CLIENT REFERENCE #: LTR REFERENCE #: 961204

4.

Grantor:	Kingdon Enterprises, Inc.	Instrument:	Deed
		Dated:	08-30-77
Grantee:	Irving R. Kingdon	Recorded:	09-02-77
Conveyed:	Same as in L 9792 Pg. 519	Book: 9061	Page: 67

5.

Grantor:	Irving R. Kingdon	Instrument:	Bargain & Sale Deed
		Dated:	08-30-77
Grantee:	Kingdon Enterprises, Inc.	Recorded:	08-31-77
Conveyed:	Same as in L 9792 Pg. 519	Book: 9060	Page: 177

6.

Grantor:	Kingdon Enterprises, Inc.	Instrument:	Deed
		Dated:	09-18-73
Grantee:	Irving R. Kingdon	Recorded:	09-27-73
Conveyed:	Same as in L 9792 Pg. 519	Book: 8598	Page: 1

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage. Nassau County, NY
CHAIN TWO

CLIENT REFERENCE #: LTR REFERENCE #: 961204

7.

Grantor:	Irving R. Kingdon	Instrument:	Deed
		Dated:	09-18-73
Grantee:	Kingdon Enterprises	Recorded:	09-21-73
Conveyed:	Same as in L 9792 Pg. 143	Book: 8595	Page: 143

8.

Grantor:	Murray A. Bruckman, Leonard Marcus, as successor trustees for Leslie Teicholz under agreement of trust dated 5-29-56 & Murray Bruckman & Leonard Marcus as successor trustees for Eleanor, Stephen & Peter Klien under agreement of trust dated 5-29-56	Instrument:	Deed
		Dated:	04-30-59
Grantee:	Irving R. Kingdon, d/b/a Industrial Builders Co.	Recorded:	05-13-59
Conveyed:	Part of 46-N-51+64	Book: 6536	Page: 193

End of Chain Two (B)

Chain Two (C)

9.

Grantor:	Oyster Bay Road Realty Corp.	Instrument:	Bargain & Sale Deed
		Dated:	10-31-56
Grantee:	Irving Abramson & David Osler, trustees for Leslie Teicholz under Agreement dared 5-29-56 & Irving Abramon & David Osler, trustees for Eleanor Klein, Stephen Klein, & Peter Klein, under agreement dated 5-29-56	Recorded:	01-02-57
Conveyed:	Part of 46-N-Part of 12	Book: 6148	Page: 418

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN TWO

CLIENT REFERENCE #: LTR REFERENCE #: 961204

10.			
Grantor:	Kalman Klein & David Teicholz	Instrument:	Warranty Deed
		Dated:	09-11-52
Grantee:	Oyster Bay Road Realty Corp.	Recorded:	01-28-53
Conveyed:	46-N Part of 12	Book: 5117	Page: 439
11.			
Grantor:	Herman L. Zirk & Augusta W. Zirk, H/W	Instrument:	Bargain & Sale Deed
		Dated:	02-25-52
Grantee:	Kalman Klein & David Teicholz	Recorded:	02-28-52
Conveyed:	46-N-Part of 12	Book: 4803	Page: 298
12.			
Grantor:	Margaret Miller	Instrument:	Bargain & Sale Deed
		Dated:	07-23-48
Grantee:	Herman L. Zirk & Augusta W. Zirk, H/W	Recorded:	08-03-48
Conveyed:	46-N-12	Book: 3641	Page: 434
Chain Two (C)			
13.			
Grantor:	Lakeville Merrick Corp.	Instrument:	Bargain & Sale Deed
		Dated:	05-12-59
Grantee:	Irving R. Kingdon, d/b/a Industrial Builders Co.	Recorded:	05-13-59
Conveyed:	As described, copy attached	Book: 6536	Page: 189

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN TWO

CLIENT REFERENCE #: LTR REFERENCE #: 961204

14.			
Grantor:	Joe Lo Fano & Rose Lo Fano, H/W	Instrument:	Bargain & Sale Deed
		Dated:	09-09-52
Grantee:	Lakeville Merrick Corp.	Recorded:	09-12-52
Conveyed:	46-N-Part of 38	Book: 4982	Page: 505

END OF CHAIN TWO

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN THREE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Three (A)
1.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-21-69
Conveyed:	As described, copy attached	Book: 8074	Page: 433

END OF CHAIN THREE(A)

Chain Three (B)
2.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	03-28-72
Conveyed:	As described, copy attached	Book: 8367	Page: 101

END OF CHAIN THREE (B)

Chain Three (C)
3.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-21-69
Conveyed:	As described, copy attached	Book: 8074	Page: 433

END OF CHAIN THREE (C)

Chain Three (D)
4.

Grantor:	Eugene Calissi et al.	Instrument:	Bargain & Sale Deed
		Dated:	07-30-65
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	08-04-65
Conveyed:	P/O New lot 20	Book: 7412	Page: 607

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN THREE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

5.			
Grantor:	Calissi Brothers, Inc.	Instrument:	Bargain & Sale Deed
		Dated:	12-29-61
Grantee:	Eugene Calissi, et al.	Recorded:	01-02-62
Conveyed:	P/O New Lot 20	Book: 6962	Page: 506
6.			
Grantor:	Lawrence Calissi a/k/a Lawrence Calissi	Instrument:	Warranty Deed
		Dated:	02-06-56
Grantee:	Calissi Brothers, Inc.	Recorded:	03-06-56
Conveyed:	P/O New Lot 20	Book: 5980	Page: 428
7.			
Grantor:	Gertrude Jaeger, widow	Instrument:	Warranty Deed
		Dated:	03-25-43
Grantee:	Lawrence Calissi	Recorded:	05-23-43
Conveyed:	P/O New Lot 20	Book: 4152	Page: 569
8.			
Grantor:	Mindlin + Rosenman, Inc.	Instrument:	Quit Claim Deed
		Dated:	09-01-26
Grantee:	Flovio Corporation of Hewleh New York	Recorded:	09-21-26
Conveyed:		Book: 1135	Page: 431

END OF CHAIN THREE (D)

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN THREE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Three (E)

9.

Grantor:	Lawrence Calissi	Instrument:	Warranty Deed
		Dated:	02-06-56
Grantee:	Calissi Brother, Inc.	Recorded:	03-08-56
Conveyed:	P/O/ New Lot #22	Book: 5982	Page: 246

10.

Grantor:	Eugene Calisi, et al.	Instrument:	Warranty Deed
		Dated:	08-24-48
Grantee:	Lawrence Calissi, Sr.	Recorded:	04-20-49
Conveyed:	P/O New Lot # 22	Book: 3817	Page: 586

END OF CHAIN THREE

11 North Pearl Street · Albany, New York 12207 (518) 427-6929 FAX:(518) 427-6965

GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN FOUR

CLIENT REFERENCE #: LTR REFERENCE #: 961204

1.			
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page: 442
2.			
Grantor:	C.T.C. Construction Corp.	Instrument:	Bargain & Sale Deed
		Dated:	02-06-64
Grantee:	Fred Wirtz & Dorothy Wirtz	Recorded:	02-11-64
Conveyed:	sec 46-323-52	Book: 7250	Page: 80
3.			
Grantor:	Joseph Corsentino	Instrument:	Bargain & Sale Deed
		Dated:	10-07-63
Grantee:	C.T.C. Construction Corp.	Recorded:	10-29-63
Conveyed:	Sec 46-323-52	Book: 7220	Page: 154
4.			
Grantor:	Milly Czuchman	Instrument:	05-17-63
		Dated:	05-22-63
Grantee:	Joseph Corsentino	Recorded:	05-22-63
Conveyed:	Sec 46-323-52	Book: 7159	Page: 574

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11 North Pearl Street Albany, New York 12207 (518) 427-6929 FAX:(518) 427-6965

GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage. Nassau County, NY
CHAIN FOUR

CLIENT REFERENCE #: LTR REFERENCE #: 961204

5.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	05-01-62
Grantee:	Milly Czuchman	Recorded:	05-10-62
Conveyed:	As described, copy attached	Book: 7010	Page: 372

6.

Grantor:	Frederick V. Goess	Instrument:	Executor's Deed
		Dated:	05-15-54
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	06-10-54
Conveyed:	As described, copy attached	Book: 5556	Page: 277

END OF CHAIN FOUR

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN FIVE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Five (A)

1.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 310
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	Sec. 46 Bl 323 Lot 16A	Book: 8080	Page: 128
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	Sec 46 Bl 323 Lot 16a & 16B	Book: 8080	Page: 123
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	Sec 46 Bl 323 Lot 16 a & 16b	Book:8080	Page: 120

END OF CHAIN FIVE (A)

LTR
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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN FIVE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Five (B)

2.

Lessor:	Fortunato Sons, Inc.	Instrument:	Lease
		Dated:	08-31-81
Lessee:	Grumman Aerospace Corporation	Recorded:	
Conveyed:	As described, copy attached	Book: 9397	Page: 920

3.

Grantor:	Grumman Aerospace Corporation	Instrument:	Bargain & Sale Deed
		Dated:	08-01-69
Grantee:	John Pizzuti	Recorded:	11-05-__
Conveyed:	As described, copy attached	Book: 8994	Page: 234

END OF CHAIN FIVE (B)

Chain Five (C)

4.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page:440

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN FIVE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

5.			
Grantor:	United State of America	Instrument:	Quit Claim Deed
		Dated:	07-01-47
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	01-21-48
Conveyed:		Book: 3509	Page: 482

END OF CHAIN FIVE (C)

Chain Five (D)

6.			
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-27-70
Conveyed:	As described, copy attached	Book: 8080	Page: 318

END OF CHAIN FIVE (D)

Chain Five (E)

7.			
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page: 425

8.			
Grantor:	County of Nassau	Instrument:	Quit Claim Deed
		Dated:	09-11-51
Grantee:	Grumman Aircraft Engineering	Recorded:	09-17-51
Conveyed:	46-323-78B & 78A	Book: 4659	Page: 70

END OF CHAIN FIVE (E)

11 North Pearl Street Albany, New York 12207 (518) 427-6929 FAX:(518) 427-6965

GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN FIVE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Five (F)

9.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-20-70
Conveyed:	As described, copy attached	Book: 8080	Page: 302

10.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page: 425

11.

Grantor:	County of Nassau	Instrument:	Quit Claim Deed
		Dated:	09-11-51
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	09-17-51
Conveyed:	46-323-78B & 78A	Book: 4659	Page: 70

END OF CHAIN FIVE (F)

Chain Five (G)

12.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman AerospaceCorporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 134

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN FIVE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

13.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman AerospaceCorporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 132

14.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman AerospaceCorporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 118

END OF CHAIN FIVE

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN SIX

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Six (A)

1.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 118

END OF CHAIN SIX (A)

Chain Six (B)

2.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-20-70
Conveyed:	As described, copy attached	Book: 8080	Page: 306

END OF CHAIN SIX (B)

Chain Six (C)

3.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 126

END OF CHAIN SIX (C)

Chain Six (D)

4.

Grantor:	Tilo Roofing Co., Inc.	Instrument:	Bargain & Sale Deed
		Dated:	07-06-51
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	07-17-51
Conveyed:	As described, copy attached	Book: 4596	Page: 171

END OF CHAIN SIX (D)

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN SIX

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Six (E)

5.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 115

END OF CHAIN SIX (E)

Chain Six (F)

6.

Lessor:	Grumman Aerospace Corporation	Instrument:	Lease
		Dated:	06-30-88
Lessee:	TBG Cogen Partners	Recorded:	08-09-88
Conveyed:	As described, copy attached	Book: 9931	Page: 286

7.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-20-70
Conveyed:	As described, copy attached	Book: 8080	Page: 306

END OF CHAIN SIX

11 North Pearl Street Albany, New York 12207 (518) 427-6929 FAX:(518) 427-6965

GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN SEVEN

CLIENT REFERENCE #: LTR REFERENCE #: 961204

1.			
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 115
2.			
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-20-70
Conveyed:	As described, copy attached	Book: 8080	Page: 318
3.			
Grantor:	United States Of America	Instrument:	Deed
		Dated:	05-31-50
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	08-17-50
Conveyed:	As described, copy attached	Book: 4244	Page: 534
4.			
Grantor:	Stephen A. McGunnigle	Instrument:	Deed
		Dated:	11-18-43
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	11-22-43
Conveyed:		Book: 2664	Page: 47

END OF CHAIN SEVEN

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN EIGHT

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Eight (A)

1.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-20-70
Conveyed:	As described, copy attached	Book: 8080	Page: 314

2.

Grantor:	Tilo Roofing Company, Inc.	Instrument:	Bargain & Sale Deed
		Dated:	07-06-51
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	07-17-51
Conveyed:	p/o 33	Book: 4596	Page: 171

END OF CHAIN EIGHT (A)

Chain Eight (B)

3.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page: 436

4.

Grantor:	Pittsburgh Plate Glass Company	Instrument:	Warranty Deed
		Dated:	06-26-59
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	07-06-59
Conveyed:	As described, copy attached	Book: 6563	Page: 217

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN EIGHT

CLIENT REFERENCE #: LTR REFERENCE #: 961204

5.

Grantor:	Tilo Roofing Company, Inc.	Instrument:	Warranty Deed
		Dated:	03-15-54
Grantee:	Pittsburgh Plate Glass Company	Recorded:	03-17-54
Conveyed:	46-504, 133 &131	Book: 5498	Page: 499

6.

Grantor:	Grumman Aircraft Engineering Corp.	Instrument:	Warranty Deed
		Dated:	07-09-51
Grantee:	Tilo Roofing Company, Inc.	Recorded:	07-18-51
Conveyed:	p/o Lot 30	Book: 4597	Page: 141

END OF CHAIN EIGHT (B)

Chain Eight (C)

7.

Grantor:	Grumman Aircraft Engineering Corp.	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corp.	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page: 436

END OF CHAIN EIGHT (C)

Chain Eight (D)

8.

Grantor:	Grumman Aircraft Engineering Corp.	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corp.	Recorded:	12-31-69
	As described, copy attached	Book: 8074	Page: 429

11 North Pearl Street · Albany, New York 12207 (518) 427-6929 FAX:(518) 427-6965

GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN EIGHT

CLIENT REFERENCE #: LTR REFERENCE #: 961204

9.			
Grantor:	Pittsburgh Plate Glass Company	Instrument:	Warranty Deed
		Dated:	06-25-59
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 6563	Page: 217
10.			
Grantor:	Tilo Roofing Company, Inc.	Instrument:	Warranty Deed
		Dated:	03-15-54
Grantee:	Pittsburgh Plate Glass Company	Recorded:	03-17-51
Conveyed:	46-504, 133 &131	Book: 5498	Page: 499

END OF CHAIN EIGHT

11 North Pearl Street Albany, New York 12207 (518) 427-6929 FAX (518) 427-6965

GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN NINE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

1.			
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page: 425
2.			
Grantor:	County of Nassau	Instrument:	Deed
		Dated:	09-11-51
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	09-17-51
Conveyed:	As described, copy attached	Book: 4659	Page: 70
3.			
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 118
4.			
Grantor:	Charles Van Nostrand	Instrument:	Warranty Deed
		Dated:	04-28-50
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	05-02-50
Conveyed:	As described, copy attached	Book: 4131	Page: 448

END OF CHAIN NINE
END OF REPORT

11 North Pearl Street · Albany, New York 12207 (518) 427-6929 FAX:(518) 427-6965

CURRENT DEED

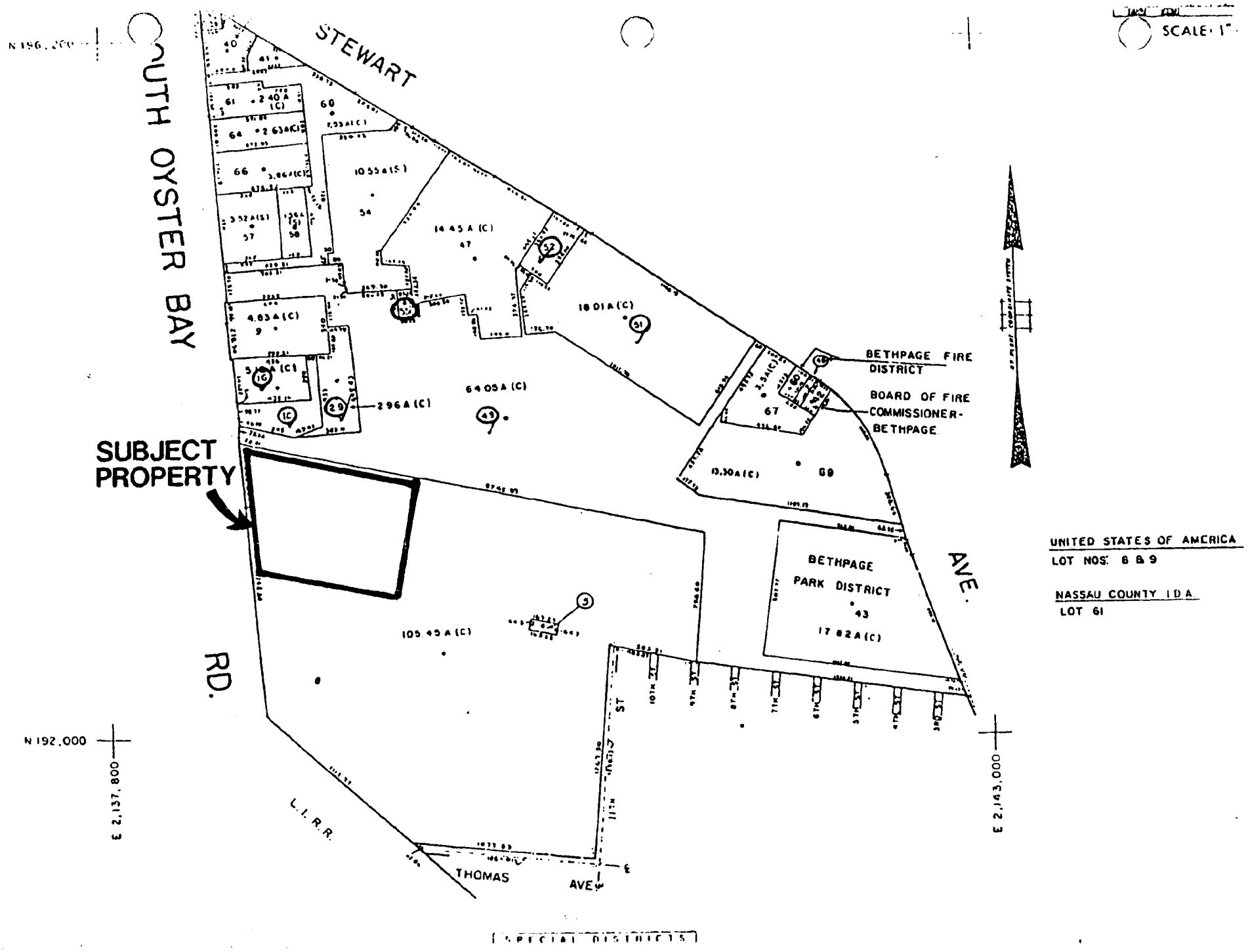
Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY

CLIENT REFERENCE #: LTR REFERENCE # 961204

See attached Tax Accessor's Report

CURRENT OWNER: Grumman Aerospace Corp.

LTR
11 North Pearl Street Albany, New York 12207 (518) 427-6929 FAX:(518) 427-6965



TRW-REDI

Nationwide 1-800-345-7334

PARCEL NUMBER / OWNERS NAME / MAILING ADDRESS / PHONE NUMBER / PROPERTY LOCATION	TOWNSHIP / MUNICIPALITY / TAXPAYER NAME / MAILING ADDRESS	SCHOOL DISTRICT	PROPERTY USE / BUILDING DATA AND EXTRA FEATURES	STATISTICAL INFO	VALUES
46-504- -0131-0 GRUMMAN AEOSPCE CORP SO OYSTER BAY RD BETHPAGE NEW YORK 11714 S NEW RD	OYSTER BAY 2489-TOWN OF OYSTER BAY	017	710.14-MANUFACTURING		$538,750TV $314,810LV $215,940IV $148,461.39CT $174,470.76ST
	LOT GROUP-151,133 LOT SIZE- 11.68AC				
			USE: 522-LIGHT MANUFACTURING TOT AREA-43589 SF GF AREA-43589 SF FLR HGT-14 CLASS-MSNRY/CONC WALL EXT WALL-COMMON BRICK EXTRA FEATURES: 110-INTERIOR FINISH MEAS-43589 110-SPRINKLER MEAS-7661 TYPE - WP6 243-MEZZANINE MEAS-7112 TYPE - LST 242-OFFICE FINISH MEAS-6440 TYPE - FOP 312-CANOPY MEAS-274 TYPE - TEF 313-GRADE/PLATFORM DOCK MEAS-330 TYPE - SCC 117-HVAC MEAS-63070 401-YARD PAVING MEAS-181600 TYPE - BTP 410-CHAINLINK FENCING MEAS-1910 TYPE - B06	CARD NO - 1 SECT - 1 STY HGT - 1.0 NO FLRS - 1.0 RENT UNITS- 1 YR BUILT - 1945	
			USE: 522-LIGHT MANUFACTURING TOT AREA-19481 SF GF AREA-19481 SF FLR HGT-26 CLASS-MSNRY/CONC WALL EXT WALL-COMMON BRICK	CARD NO - 1 SECT - 2 STY HGT - 1.0 NO FLRS - 1.0 YR BUILT - 1945	
			USE: 528-MECHANICAL ROOM TOT AREA-4100 SF FLR HGT-13 CLASS-MSNRY/CONC WALL EXT WALL-COMMON BRICK	CARD NO - 1 SECT - 3 STY HGT - 2.0 NO FLRS - 1.0 YR BUILT - 1945	
			USE: 522-LIGHT MANUFACTURING TOT AREA-2609 SF GF AREA-2609 SF FLR HGT-13 CLASS-MSNRY/CONC WALL EXT WALL-COMMON BRICK	CARD NO - 1 SECT - 4 STY HGT - 1.0 NO FLRS - 1.0 YR BUILT - 1945	

PARCEL NUMBER BLDG UNIT
OWNERS NAME
MAILING ADDRESS
@PHONE NUMBER YRS W/SAME
*PROPERTY LOCATION PHONE

TOWNSHIP
MUNICIPALITY
TAXPAYER NAME
MAILING ADDRESS

SCHOOL DISTRICT

PROPERTY USE
BUILDING DATA AND EXTRA FEATURES

STATISTICAL INFO

VALUES
TOTAL-TV
LAND-LV
IMPROVEMENT-IV
COUNTY TAX-CT
SCHOOL TAX-ST
SALE PRICE-SP

46-504- -8131-0
GRUMMAN AEOSPCE CORP
* S NEW RD

710.14-MANUFACTURING

USE: 525-INDUSTRIAL OFFICE
TOT AREA-17095 SF
GF AREA-17095 SF
FLR HGT-9
CLASS-WOOD FRAME CONC
EXT WALL-WOOD SIDING

CONTINUED
CARD NO - 2
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1981

$530,750TV
$314,810LV

USE: 525-INDUSTRIAL OFFICE
TOT AREA-500 SF
GF AREA-500 SF
FLR HGT-12
CLASS-MSNRY/CONC WALL
EXT WALL-COMMON BRICK

CARD NO - 3
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1945

USE: 522-LIGHT MANUFACTURING
TOT AREA-5278 SF
GF AREA-5278 SF
FLR HGT-20
CLASS-MSNRY/CONC WALL
EXT WALL-METAL SIDING
BSMT-UTIL./STG USE

CARD NO - 4
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1945

EXTRA FEATURES:
118-SPRINKLER
MEAS-12017 TYPE - WP5
243-MEZZANINE
MEAS-3780 TYPE - WD
119-INTERIOR FINISH
MEAS-5278
312-CANOPY
MEAS-500 TYPE - TIU

USE: 511-GENERAL WAREHOUSE
TOT AREA-619 SF
GF AREA-619 SF
FLR HGT-12
CLASS-MSNRY/CONC WALL
EXT WALL-METAL SIDING

CARD NO - 4
SECT - 2
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1945

USE: 522-LIGHT MANUFACTURING
TOT AREA-20838 SF
GF AREA-20838 SF
FLR HGT-12
CLASS-PRE ENG-STL FR
EXT WALL-METAL SIDING

CARD NO - 5
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1950

EXTRA FEATURES:
116-SPRINKLER
MEAS-20297 TYPE - WP6
117-HVAC
MEAS-18897

NASSAU, N.Y.

N18

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PARCEL NUMBER BLDG UNIT
OWNERS NAME
MAILING ADDRESS
PHONE NUMBER YRS W/SAME
*PROPERTY LOCATION PHONE

TOWNSHIP
MUNICIPALITY SCHOOL DISTRICT
TAXPAYER NAME
MAILING ADDRESS

PROPERTY USE
BUILDING DATA AND EXTRA FEATURES

STATISTICAL INFO

VALUES
TOTAL-TV
LAND-LV
IMPROVEMENT-IV
COUNTY TAX-CT
SCHOOL TAX-ST
SALE PRICE-SP

46-584- -8131-8
GRUMMAN AEOSPCE CORP
* S NEW RD

710.14-MANUFACTURING
TOT AREA-6845 SF
GF AREA-6845 SF
FLR HGT-12
CLASS-PRE ENG-STL FR
EXT WALL-METAL SIDING

EXTRA FEATURES:
118-SPRINKLER
MEAS-6845 TYPE - WP6
117-HVAC
MEAS-6845

CONTINUED
CARD NO - 6
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1960

$550,750TV
$314,810LV

USE: 525-INDUSTRIAL OFFICE
TOT AREA-2070 SF
GF AREA-2070 SF
FLR HGT-12
CLASS-MSNRY/CONC WALL
EXT WALL-METAL SIDING
BSMT-NOMINAL UTILITY

EXTRA FEATURES:
118-SPRINKLER
MEAS-5313 TYPE - WP6

CARD NO - 7
SECT - 1
STY HGT - 2.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1945

USE: 527-GENERAL INDUST. UTIL
TOT AREA-1173 SF
FLR HGT-10
CLASS-MSNRY/CONC WALL
EXT WALL-METAL SIDING

CARD NO - 7
SECT - 2
STY HGT - 2.0
NO FLRS - 1.0
YR BUILT - 1945

USE: 515-GENERAL STORAGE
TOT AREA-968 SF
GF AREA-968 SF
FLR HGT-12
CLASS-WOOD FRAME CONC
EXT WALL-WOOD SIDING
BSMT-FNSH.-FL 1 QLTY

CARD NO - 8
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1945

USE: 723-STEAM GEN. PLANT
TOT AREA-1924 SF
GF AREA-1924 SF
FLR HGT-26
CLASS-MSNRY/CONC WALL
EXT WALL-COMMON BRICK

CARD NO - 9
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1945

USE: 522-LIGHT MANUFACTURING
TOT AREA-1344 SF
GF AREA-1344 SF
FLR HGT-30
CLASS-MSNRY/CONC WALL
EXT WALL-CONCRETE BLOCK

CARD NO - 10
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1971

PARCEL NUMBER / OWNERS NAME / MAILING ADDRESS / *PHONE NUMBER / *PROPERTY LOCATION	BLDG	UNIT	TOWNSHIP / MUNICIPALITY / TAXPAYER NAME / MAILING ADDRESS	SCHOOL DISTRICT	PROPERTY USE / BUILDING DATA AND EXTRA FEATURES	STATISTICAL INFO	VALUES
46- Q- -0055-0 GRUMMAN AEROSPACE CORP SO OYSTER BAY RD BETHPAGE NEW YORK 11714 * STEWART AVE			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 96.00 X 169.00	021	710.14-MANUFACTURING		$5,600TV $5,600LV $1,402.24CT $2,201.02ST LIBR 8868-0298
46- N- -0020-0 GRUMMAN AEROSPACE CORP SOUTH OYSTER BAY RD BETHPAGE NEW YORK 11714 * S OYSTER BAY RD			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 150.00 X 207.00	017	710.84-MANUFACTURING		$6,050TV $5,920LV $130IV $1,705.90CT $1,900.80ST LIBR 8254-0274
46- N- -0051-0 GRUMMAN AEROSPACE CORP SOUTH OYSTER BAY ROAD BETHPAGE NEW YORK 11714 * OYSTER BAY RD			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT GROUP-51,64 LOT SIZE- 4.27AC	017	710.14-MANUFACTURING USE: 310-GENERAL OFFICE TOT AREA-4320 SF GF AREA-4320 SF FLR HGT-11 CLASS-MSNRY/CONC WALL EXT WALL-FACE BRICK EXTRA FEATURES: 118-SPRINKLER MEAS-4320 TYPE - WP3 118-SPRINKLER MEAS-35640 TYPE - WP6 410-CHAINLINK FENCING MEAS-1200 TYPE - B06 401-YARD PAVING MEAS-90000 TYPE - BTP 312-CANOPY MEAS-1008 TYPE - TIU 508-UTILITY BUILDING MEAS-196 TYPE - F25 USE: 524-HEAVY MANUFACTURING TOT AREA-35640 SF GF AREA-35640 SF FLR HGT-18 CLASS-MSNRY/CONC WALL EXT WALL-FACE BRICK USE: 524-HEAVY MANUFACTURING TOT AREA-36000 SF GF AREA-36000 SF FLR HGT-24 CLASS-MSNRY/CONC WALL EXT WALL-STUCCO	CARD NO - 1 SECT - 1 STY HGT - 1.0 NO FLRS - 1.0 RENT UNITS- 1 YR BUILT - 1963 CARD NO - 1 SECT - 2 STY HGT - 1.0 NO FLRS - 1.0 YR BUILT - 1963 CARD NO - 1 SECT - 3 STY HGT - 1.0 NO FLRS - 1.0 YR BUILT - 1973	$353,020TV $171,340LV $182,680IV $99,770.16CT $116,314.79ST DATE 09-77 LIBR 9061-0867

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PARCEL NUMBER / OWNERS NAME / MAILING ADDRESS / PHONE NUMBER / PROPERTY LOCATION	TOWNSHIP / MUNICIPALITY / TAXPAYER NAME / MAILING ADDRESS	SCHOOL DISTRICT	PROPERTY USE / BUILDING DATA AND EXTRA FEATURES	STATISTICAL INFO	VALUES
46- N- -0063-0 GRUMMAN AEROSPACE CORP SOUTH OYSTER BAY ROAD BETHPAGE NEW YORK 11714 *900 S OYSTER BAY RD	OYSTER BAY 2469-TOWN OF OYSTER BAY LOT SIZE- 1.68AC	017	710.24-MANUFACTURING		$182,000TV $67,200LV $64,000IV $37,221.34CT $43,393.68ST
					$1,190,000SP DATE 02-84 LIBR 9534-0439
46-266- -0020-0 GRUMMAN AEROSPACE CORP 500 CENTRAL PARK AVE BETHPAGE NEW YORK 11714 *500 CENTRAL PARK AVE	OYSTER BAY 2469-TOWN OF OYSTER BAY LOT GROUP-20-22 LOT SIZE- 12.00 X 86.00 90.00 X 92.00 89.00 X 92.00 13.00 X 87.00	021	433.14-AUTO GARAGE/SHOP USE: 231-AGENCY TYPE-SHOWROOM TOT AREA-1680 SF GF AREA-1680 SF FLR HGT-15 CLASS-MSNRY/CONC WALL EXT WALL-CONCRETE BLOCK EXTRA FEATURES: 401-YARD PAVING MEAS-6000 TYPE - BTP 410-CHAINLINK FENCING MEAS-300 TYPE - B06 USE: 232-AGENCY TYPE-GARAGE TOT AREA-5215 SF GF AREA-5215 SF FLR HGT-15 CLASS-MSNRY/CONC WALL EXT WALL-CONCRETE BLOCK	CARD NO - 1 SECT - 1 STY HGT - 1.0 NO FLRS - 1.0 RENT UNITS- 1 YR BUILT - 1926 CARD NO - 1 SECT - 2 STY HGT - 1.0 NO FLRS - 1.0 RENT UNITS- 1 YR BUILT - 1956	$30,350TV $31,220LV $7,138IV $10,787.84CT $15,073.08ST LIBR 8074-0433
46-323- -0016-A GRUMMAN AEROSPACE CORP SOUTH OYSTER BAY RD BETHPAGE NEW YORK 11714	OYSTER BAY 2469-TOWN OF OYSTER BAY LOT SIZE- 58.21AC	021	710.14-MANUFACTURING		$2,357,950TV $931,340LV $1,426,490IV $585,101.71CT $926,768.67ST
46-323- -0019-0 GRUMMAN AEROSPACE CORP SO OYSTER BAY RD BETHPAGE NEW YORK 11714 * S OYSTER BAY RD	OYSTER BAY 2469-TOWN OF OYSTER BAY LOT SIZE- 31.86AC	021	710.14-MANUFACTURING		LIBR 8080-0122 $1,182,550TV $589,760LV $672,790IV $277,742.60CT $464,789.45ST
46-323- -0078-A GRUMMAN AEROSPACE CORP S OYSTER BAY ROAD BETHPAGE NEW YORK 11714 * S OYSTER BAY RD	OYSTER BAY 2469-TOWN OF OYSTER BAY LOT SIZE- 52.00 X 159.00	017	340.14-INDUSTRIAL-VACANT		LIBR 8074-044 $7,350TV $7,350LV $2,055.94CT $2,416.24ST

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PARCEL NUMBER / OWNERS NAME / MAILING ADDRESS / PHONE NUMBER / PROPERTY LOCATION	TOWNSHIP / MUNICIPALITY / TAXPAYER NAME / MAILING ADDRESS	SCHOOL DISTRICT	PROPERTY USE / BUILDING DATA AND EXTRA FEATURES	STATISTICAL INFO	VALUES
46-323- -0223-0 GRUMMAN AEROSPACE CORP 1111 STEWART AVENUE BETHPAGE NEW YORK 11714 S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 36.86AC	021	710.14-MANUFACTURING		$5,906,698TV $589,920LV $5,316,778IV $487,488.94CT $777,091.01ST
46-323- -0224-0 GRUMMAN AEROSPACE CORP 1111 STEWART AVENUE BETHPAGE NEW YORK 11714 S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 6.78AC	021	330.14-COMMERCIAL-VACANT		$188,488TV $188,488LV $24,715.37CT $42,636.98ST
46-505- -0061-0 GRUMMAN AEROSPACE CORP SO OYSTER BAY RD BETHPAGE NEW YORK 11714 S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 80.00 X 94.00	017	340.14-INDUSTRIAL-VACANT	LIBR 8074-8425	$548TV $548LV $151.05CT $177.52ST
46-505- -0062-0 GRUMMAN AEROSPACE CORP SOUTH OYSTER BAY RD BETHPAGE NEW YORK 11714 S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 80.00 X 75.00	017	340.14-INDUSTRIAL-VACANT	LIBR 8088-8118	$488TV $488LV $134.27CT $157.88ST
46-505- -0063-A GRUMMAN AEROSPACE CORP SOUTH OYSTER BAY RD BETHPAGE NEW YORK 11714 S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT GROUP-63A-63B LOT SIZE- 140.00 X 60.00	021	340.14-INDUSTRIAL-VACANT	LIBR 8088-8118	$788TV $788LV $195.66CT $275.13ST
46-505- -0064-0 GRUMMAN AEROSPACE CORP SO OYSTER BAY RD BETHPAGE NEW YORK 11714 S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT GROUP-64-66 LOT SIZE- 160.00 X 42.00	021	340.14-INDUSTRIAL-VACANT	LIBR 8074-8425	$688TV $688LV $167.66CT $235.82ST
46-627- -0035-0 GRUMMAN AEROSPACE CORP 14 NO. ROBERT DAMN STREET BETHPAGE NEW YORK 11714 #14 N ROBERT DAMN ST	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT GROUP-35 LOT SIZE- 50.00 X 115.00	021	210.01-SINGLE FAMILY RESID. FOUNDATION - CONCRETE WALLS BSMT AREA - FULL BSMT EXT WALLS - FRAME W/COM BRK ROOF TYPE - HIP ROOFING - ASPHALT SHINGLE FLR FINISH - HARDWOOD INT FINISH - WALL BOARD HEAT & A/C - HOT WATER FUEL TYPE - OIL	DWLG TYPE - 1 FAM YR BUILT - 1963 STORIES - 1.0 NO ROOMS: FLOOR 1 - 6 # BATHS - 1.0	$4,788TV $435LV $4,865IV $1,341.87CT $1,958.63ST LIBR 8074-8442

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PARCEL NUMBER / OWNERS NAME / MAILING ADDRESS / PHONE NUMBER / PROPERTY LOCATION	TOWNSHIP / MUNICIPALITY / TAXPAYER NAME / MAILING ADDRESS	SCHOOL DISTRICT	PROPERTY USE / BUILDING DATA AND EXTRA FEATURES	STATISTICAL INFO	VALUES
46-323- -0017-E GRUMMAN AEROSPACE CORPORATION SO OYSTER BAY ROAD BETHPAGE NEW YORK 11714 ■ S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT GROUP-17E LOT SIZE- 122.20AC	021	710.14-MANUFACTURING		$3,161,400TV $1,955,200LV $1,206,200IV $784,469.80CT $1242,556.66ST $2,000SP DATE 11-78 LIBR 8994-0254
46-323- -0077-0 GRUMMAN AEROSPACE CORPORATION SO OYSTER BAY ROAD BETHPAGE NEW YORK 11714 ■21 MAPLE AVE	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 1.06AC	021	340.14-INDUSTRIAL-VACANT		$16,950TV $16,950LV $4,174.20CT $6,662.03ST LIBR 8888-8306
46-323- -0079-0 GRUMMAN AEROSPACE CORPORATION SOUTH OYSTER BAY ROAD BETHPAGE NEW YORK 11714 ■ S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 120.00 X 70.00	021	340.14-INDUSTRIAL-VACANT		$7,200TV $7,200LV $1,775.14CT $2,829.89ST LIBR 8888-8134
46-323- -0082-0 GRUMMAN AIRC ENG CORP SOUTH OYSTER BAY ROAD BETHPAGE NEW YORK 11714 ■ S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 40.00 X 100.00	021	340.14-INDUSTRIAL-VACANT		$1,450TV $1,450LV $357.09CT $569.91ST
46-503- -0003-0 GRUMMAN AIRC ENG CORP 1111 STEWART AVENUE BETHPAGE NEW YORK 11714 ■1111 STEWART AVE	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 202.00 X 310.00	021	330.14-COMMERCIAL-VACANT		$34,900TV $34,900LV $8,594.82CT $13,717.18ST LIBR 8888-8115
46- N- -0044-0 GRUMMAN AIRCRAFT ENG CORP 1111 STEWART AVENUE BETHPAGE NEW YORK 11714 ■ S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 3.47AC	017	464.14-OFFICE BLDG USE: 525-INDUSTRIAL OFFICE TOT AREA-25168 SF OF AREA-25168 SF FLR HGT-13 CLASS-MSNRY/CONC WALL EXT WALL-STUCCO EXTRA FEATURES: 401-YARD PAVING MEAS-88400 TYPE - BTP 410-CHAINLINK FENCING MEAS-1000 TYPE - 666	CARD NO - 1 SECT - 1 STY HGT - 1.0 NO FLRS - 1.0 YR BUILT - 1963 YR REMOV - 1967	$215,440TV $138,800LV $76,640IV $60,755.41CT $70,030.32ST LIBR 8874-8458

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PARCEL NUMBER BLDG UNIT / OWNERS NAME / MAILING ADDRESS / *PHONE NUMBER YRS M/SAME / *PROPERTY LOCATION PHONE | TOWNSHIP / MUNICIPALITY / TAXPAYER NAME / MAILING ADDRESS | SCHOOL DISTRICT | PROPERTY USE / BUILDING DATA AND EXTRA FEATURES | STATISTICAL INFO | VALUES: TOTAL-TV / LAND-LV / IMPROVEMENT-IV / COUNTY TAX-CT / SCHOOL TAX-ST / SALE PRICE-SP

46- N- -0044-0
GRUMMAN AIRCRAFT ENG CORP
* S OYSTER BAY RD

664.14-OFFICE BLDG
USE: 525-INDUSTRIAL OFFICE
TOT AREA-225 SF
GF AREA-225 SF
FLR HGT-12
CLASS-PRE ENG-STL FR
EXT WALL-METAL SIDING

CONTINUED
CARD NO - 1
SECT - 2
STY HGT - 1.0
NO FLRS - 1.0

$215,468TV
$130,000LV

46-323- -0016-C
GRUMMAN AIRCRAFT ENG CORP
NO 6 SOUTH OYSTER BAY ROAD
BETHPAGE NEW YORK 11714
* N SOUTH OYSTER BAY RD

HEMPSTEAD
2089-TOWN OF HEMPSTEAD
GRUMMAN AEROSPACE CORP
SO OYSTER BAY ROAD
BETHPAGE, NY 11714
LOT GROUP-16C
LOT SIZE- 2.85AC

026

710.24-MANUFACTURING

$101,278TV
$45,000LV
$55,678IV
$30,648.25CT
$41,174.34ST
LIBR 8000-0120

46-323- -0081-0
GRUMMAN AIRCRAFT ENG CORP
1 SHERIDAN AVE
BETHPAGE NEW YORK 11714
*1 SHERIDAN AVE

OYSTER BAY
2489-TOWN OF OYSTER BAY
LOT SIZE- 83.00 X 484.00

017

330.14-COMMERCIAL-VACANT

$2,250TV
$2,250LV
$629.37CT
$739.67ST

46-323- -0086-0
GRUMMAN AIRCRAFT ENG CORP
SOUTH OYSTERBAY ROAD
BETHPAGE NEW YORK 11714
* S OYSTER BAY RD

OYSTER BAY
2489-TOWN OF OYSTER BAY
LOT SIZE- 408.00 X 159.00

017

340.14-INDUSTRIAL-VACANT

$11,058TV
$11,058LV
$3,098.91CT
$3,632.50ST

46-323- -0087-0
GRUMMAN AIRCRAFT ENG CORP
SOUTH OYSTER BAY ROAD
BETHPAGE NEW YORK 11714
* S OYSTER BAY RD

OYSTER BAY
2489-TOWN OF OYSTER BAY
LOT SIZE- 61.00 X 92.00

017

340.14-INDUSTRIAL-VACANT

$4,658TV
$4,658LV
$1,305.78CT
$1,528.64ST

46-504- -0130-0
GRUMMAN AIRCRAFT ENG CORP
OYSTER BAY RD
BETHPAGE NEW YORK 11714
* OYSTER BAY RD

OYSTER BAY
2489-TOWN OF OYSTER BAY
LOT GROUP-130,132
LOT SIZE- 6.69AC

017

710.14-MANUFACTURING
USE: 525-INDUSTRIAL OFFICE
TOT AREA-1968 SF
GF AREA-1968 SF
FLR HGT-12
CLASS-MSNRY/CONC WALL
EXT WALL-CONCRETE BLOCK

EXTRA FEATURES:
401-YARD PAVING
MEAS-126400 TYPE - BTP
410-CHAINLINK FENCING
MEAS-2640 TYPE - B06

CARD NO - 1
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1968

$295,908TV
$275,150LV
$20,758IV
$82,769.15CT
$97,274.17ST
LIBR 8000-0314

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PARCEL NUMBER BLDG UNIT
OWNER'S NAME
MAILING ADDRESS
PHONE NUMBER YRS H/SAME
*PROPERTY LOCATION PHONE

TOWNSHIP
MUNICIPALITY
TAXPAYER NAME
MAILING ADDRESS

SCHOOL DISTRICT

PROPERTY USE
BUILDING DATA AND EXTRA FEATURES

STATISTICAL INFO

V A L U E S
TOTAL-TV
LAND-LV
IMPROVEMENT-IV
COUNTY TAX-CT
SCHOOL TAX-ST
SALE PRICE-SP

46- N- -0023-0
GRUMMAN AIRCRAFT ENGINEERING CORP
SOUTH OYSTER BAY ROAD
BETHPAGE NEW YORK 11714
* S OYSTER BAY RD

OYSTER BAY
2489-TOWN OF OYSTER BAY

017

460.74-BANK/OFFICE BLDG

LOT SIZE- 6.27AC

$183,248TV
$181,688LV
$1,644IV
$29,111.62CT
$38,939.12ST

LIBR 8074-0458

46- N- -0071-0
GRUMMAN AROSPCE CORP
SOUTH OYSTER BAY ROAD
BETHPAGE NEW YORK 11714
* S OYSTER BAY RD

OYSTER BAY
2489-TOWN OF OYSTER BAY

017

460.84-STORAGE/WAREHOUSE

LOT SIZE- 7.59AC

$517,556TV
$242,888LV
$274,670IV
$145,938.75CT
$170,139.39ST

DATE 01-79
LIBR 8434-0256
PREV SALE:
$1,650,366SP
DATE 01-74

83-182- -0030-0
GRUMMAN LR
77 BAYVIEW RD
PLANDOME NEW YORK
*77 BAYVIEW RD

NORTH HEMPSTEAD
2237-PLANDOME MANOR
ROSE M GRUMMAN
77 BAYVIEW RD
PLANDOME NY 11030

006

311.14-RESIDENTIAL-VACANT

LOT SIZE- 2.34AC

$2,888TV
$2,888LV
$379.96CT
$1,847.34ST

42-066- -0060-0
GRUNBERGER R R
17 ARDEN RD
EAST ROCKAWAY NEW YORK 11518
*17 ARDEN RD

HEMPSTEAD
2089-TOWN OF HEMPSTEAD
ROBERT & RACHEL GRUNBERGER
17 ARDEN ROAD
EAST ROCKAWAY, NY 11518

LOT GROUP-68-70
LOT SIZE- 60.00 X 100.00

019

210.01-SINGLE FAMILY RESID.

FOUNDATION - CONCRETE WALLS
BSMT AREA - FULL BSMT-P/FIN
EXT WALLS - FRAME W/COM BRK
ROOF TYPE - OTHER
ROOFING - ASPHALT SHINGLE
FLR FINISH - HARDWOOD
INT FINISH - OTHER
HEAT & A/C - HOT WATER
FUEL TYPE - OIL
GARAGE - 1 CAR

DWLG TYPE - 1 FAM
YR BUILT - 1959
STORIES - 1.0
NO ROOMS:
BASEMENT - 1
FLOOR 1 - 5
BATHS - 1.5

$6,688TV
$648LV
$5,952IV
$1,698.44CT
$5,348.51ST

LIBR 6380-0330

45-367- -0011-0
GRUNO ANTHONY & LILLIAN
76 BOBWHITE LANE
HICKSVILLE NEW YORK 11801
516-931-2665 10+
*78 BOBWHITE LN

OYSTER BAY
2489-TOWN OF OYSTER BAY

017

210.01-SINGLE FAMILY RESID.

LOT SIZE- 55.00 X 100.00

FOUNDATION - CONCRETE WALLS
EXT WALLS - FRAME
ROOF TYPE - GABLE
ROOFING - ASPHALT SHINGLE
FLR FINISH - CEMENT
INT FINISH - WALL BOARD
HEAT & A/C - HOT WATER
FUEL TYPE - OIL
ATTIC FNSH - FULL

DWLG TYPE - 1 FAM
YR BUILT - 1948
NO ROOMS:
FLOOR 1 - 6
FLOOR 2 - 2
BATHS - 1.5
FIRE PL - 1

$4,458TV
$755LV
$3,695IV
$1,354.84CT
$1,523.55ST

LIBR 5582-0439

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PARCEL NUMBER BLDG UNIT
OWNERS NAME
MAILING ADDRESS
#PHONE NUMBER YRS M/SAME
*PROPERTY LOCATION PHONE

TOWNSHIP
MUNICIPALITY
TAXPAYER NAME
MAILING ADDRESS

SCHOOL DISTRICT

PROPERTY USE
BUILDING DATA AND EXTRA FEATURES

STATISTICAL INFO

VALUES
TOTAL-TV
LAND-LV
IMPROVEMENT-IV
COUNTY TAX-CT
SCHOOL TAX-ST
SALE PRICE-SP

46-584- -0131-0
GRUMMAN AEOSPCE CORP
* S NEW RD

710.14-MANUFACTURING

USE: 522-LIGHT MANUFACTURING
TOT AREA-623 SF
GF AREA-623 SF
FLR HGT-20
CLASS-MSNRY/CONC WALL
EXT WALL-CONCRETE BLOCK

CONTINUED
CARD NO - 10
SECT - 2
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1985

$538,750TV
$314,810LV

USE: 511-GENERAL WAREHOUSE
TOT AREA-1046 SF
GF AREA-1046 SF
FLR HGT-12
CLASS-PRE ENG-STL FR
EXT WALL-METAL SIDING

CARD NO - 11
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1988

EXTRA FEATURES:
118-SPRINKLER
MEAS-1046 TYPE - WPS

USE: 515-GENERAL STORAGE
TOT AREA-800 SF
GF AREA-800 SF
FLR HGT-10
CLASS-PRE ENG-STL FR
EXT WALL-METAL SIDING

CARD NO - 12
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1968

EXTRA FEATURES:
117-HVAC
MEAS-800

46- G- -0016-0
GRUMMAN AEROSPACE CORP
SO OYSTER BAY RD
BETHPAGE NEW YORK 11714
* S OYSTER BAY RD

OYSTER BAY
2489-TOWN OF OYSTER BAY

021

710.14-MANUFACTURING

LOT GROUP-16,18
LOT SIZE- 5.12AC

$388,850TV
$96,110LV
$284,740IV
$5,364.84CT
$141,689.28ST

$1,275,445SP
DATE 08-74
LIBR 8888-0298

46- G- -0029-0
GRUMMAN AEROSPACE CORP
SOUTH OYSTER BAY RD
BETHPAGE NEW YORK 11714
* S OYSTER BAY RD

OYSTER BAY
2489-TOWN OF OYSTER BAY

021

464.14-OFFICE BLDG

LOT SIZE- 2.96AC

$55,750TV
$47,360LV
$8,390IV
$13,959.00CT
$21,911.90ST

LIBR 8888-0298

46- G- -0052-0
GRUMMAN AEROSPACE CORP
1111 STEWART AVENUE
BETHPAGE NEW YORK 11714
*1101 STEWART AVE

OYSTER BAY
2489-TOWN OF OYSTER BAY

021

465.14-BANK WITH OFFICES

LOT SIZE- 200.00 X 384.00

$145,850TV
$28,640LV
$116,410IV
$25,825.76CT
$40,537.36ST

LIBR 9759-0193

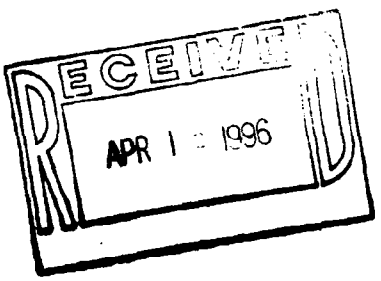
PARCEL NUMBER / OWNERS NAME / MAILING ADDRESS / PHONE NUMBER / PROPERTY LOCATION	BLDG	UNIT	TOWNSHIP / MUNICIPALITY / TAXPAYER NAME / MAILING ADDRESS	SCHOOL DISTRICT	PROPERTY USE / BUILDING DATA AND EXTRA FEATURES	STATISTICAL INFO	VALUES
46-323- -0078-B GRUMMAN AEROSPACE CORP S OYSTER BAY ROAD BETHPAGE NEW YORK 11714 S OYSTER BAY RD			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 1.63AC	021	340.14-INDUSTRIAL-VACANT		$26,100TV $26,100LV $6,427.65CT $10,250.34ST LIBR 8074-8425
46-323- -0084-A GRUMMAN AEROSPACE CORP SO OYSTER BAY RD BETHPAGE NEW YORK 11714 S OYSTER BAY RD			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 1.25AC	017	340.14-INDUSTRIAL-VACANT		$20,000TV $20,000LV $5,594.40CT $6,574.00ST LIBR 8080-0306
46-323- -0084-B GRUMMAN AEROSPACE CORP S OYSTER BAY ROAD BETHPAGE NEW YORK 11714 S OYSTER BAY RD			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 5.02AC	021	340.14-INDUSTRIAL-VACANT		$80,300TV $80,300LV $19,775.46CT $31,561.11ST LIBR 8080-0306
46-323- -0085-0 GRUMMAN AEROSPACE CORP S OYSTER BAY ROAD BETHPAGE NEW YORK 11714 S OYSTER BAY RD			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 2.29AC	017	340.14-INDUSTRIAL-VACANT		$34,000TV $34,000LV $10,869.92CT $11,434.64ST LIBR 8080-0126
46-323- -0222-0 GRUMMAN AEROSPACE CORP 899 SOUTH OYSTER BAY ROAD BETHPAGE NEW YORK 11714 899 S OYSTER BAY RD			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 2.61AC	021	815.04-ELECTRIC-GAS USE: 318-GENERAL OFFICE TOT AREA-1440 SF GF AREA-1440 SF FLR HGT-12 CLASS-PRE ENG-STL FR EXT WALL-METAL PANELS EXTRA FEATURES: 118-SPRINKLER MEAS-2400 TYPE - WP4 USE: 281-GENERAL UTILITY/STG TOT AREA-960 SF GF AREA-960 SF FLR HGT-12 CLASS-PRE ENG-STL FR EXT WALL-METAL PANELS	CARD NO - 2 SECT - 1 STY HGT - 1.0 NO FLRS - 1.0 RENT UNITS- 1 YR BUILT - 1992 CARD NO - 2 SECT - 2 STY HGT - 1.0 NO FLRS - 1.0 RENT UNITS- 1 YR BUILT - 1992	$3,312,348TV $90,950LV $3,221,398IV $689,449.02CT $1301,882.11ST

The EDR Area Study Report

Study Area
Grumman GO CO Property
Bethpage, Long Island

April 12, 1996

Inquiry number 114340



Environmental Data Resources, Inc.

Creators of Toxicheck/®

***The* Source For Environmental Risk Management Data**

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM RECORDS:

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA/NTIS
Telephone: 703-603-8904
CERCLIS: CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/30/95
Date Made Active at EDR: 02/26/96
Date of Data Arrival at EDR: 01/15/96
Elapsed ASTM days: 42

ERNS: Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
ERNS: Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/95
Date Made Active at EDR: 02/19/96
Date of Data Arrival at EDR: 01/26/96
Elapsed ASTM days: 24

NPL: National Priority List
Source: EPA
Telephone: 703-603-8852
NPL: National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, it is EDR's policy to plot NPL sites greater than approximately 500 acres in size as areas (polygons). Sites smaller in size are point-geocoded at the site's address.

Date of Government Version: 09/01/95
Date Made Active at EDR: 10/25/95
Date of Data Arrival at EDR: 10/17/95
Elapsed ASTM days: 8

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 703-308-7907
RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 10/31/95
Date Made Active at EDR: 01/12/96
Date of Data Arrival at EDR: 12/15/95
Elapsed ASTM days: 28

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDERAL NON-ASTM RECORDS:

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies — Date of Next Scheduled Update: 09/01/95

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 703-308-7907
CORRACTS: CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 04/10/95 — Date of Next Scheduled Update: 06/17/96

FINDS: Facility Index System
Source: EPA/NTIS
Telephone: 800-908-2493
FINDS: Facility Index System. FINDS contains both facility information and "pointers" to other sources that contain more detail. These include: RCRIS, PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]), CERCLIS, DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), FRDS (Federal Reporting Data System), SIA (Surface Impoundments), CICIS (TSCA Chemicals in Commerce Information System), PADS, RCRA-J (medical waste transporters/disposers), TRIS and TSCA.

Date of Government Version: 09/30/95 — Date of Next Scheduled Update: 07/08/96

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
HMIRS: Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/95 — Date of Next Scheduled Update: 07/29/96

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/01/95 — Date of Next Scheduled Update: 07/15/96

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
NPL LIENS: Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91 — Date of Next Scheduled Update: 05/27/96

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-260-3992
PADS: PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/14/94 — Date of Next Scheduled Update: 05/20/96

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RAATS: RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA.

Date of Government Version: 04/17/95 Date of Next Scheduled Update: 06/17/96

ROD: Records Of Decision
Source: NTIS
Telephone: 703-416-0703
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 03/31/95 Date of Next Scheduled Update: 06/17/96

TRIS: Toxic Chemical Release Inventory System
Source: EPA/NTIS
Telephone: 202-260-2320
TRIS: Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/92 Date of Next Scheduled Update: 07/01/96

TSCA: Toxic Substances Control Act
Source: EPA/NTIS
Telephone: 202-260-1444
TSCA: Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 01/31/95 Date of Next Scheduled Update: 06/17/96

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF NEW YORK ASTM RECORDS:

LUST: Spills Information Database
Source: Department of Environmental Conservation
Telephone: 518-457-2462
LUST: Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/30/95 — Date of Data Arrival at EDR: 11/22/95
Date Made Active at EDR: 12/20/95 — Elapsed ASTM days: 28

SHWS: Inactive Hazardous Waste Disposal Sites in New York State
Source: Department of Environmental Conservation
Telephone: 518-457-0747
SHWS: State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/30/95 — Date of Data Arrival at EDR: 06/19/95
Date Made Active at EDR: 07/25/95 — Elapsed ASTM days: 36

SWF/LS: Facility Register
Source: Department of Environmental Conservation
Telephone: 518-457-2051
SWF/LS: Solid Waste Facilities/Landfill Sites. SWF/LS type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/31/95 — Date of Data Arrival at EDR: 03/01/96
Date Made Active at EDR: 03/27/96 — Elapsed ASTM days: 26

UST: Petroleum Bulk Storage (PBS, CBS, MOSF) Database (UST)
Source: Department of Environmental Conservation
Telephone: 518-457-4351
UST: Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 09/30/95 — Date of Data Arrival at EDR: 11/22/95
Date Made Active at EDR: 12/20/95 — Elapsed ASTM days: 28

STATE OF NEW YORK NON-ASTM RECORDS:

AST: Petroleum Bulk Storage (AST)
Source: Department of Environmental Conservation
Telephone: 518-457-4351
AST: Registered Aboveground Storage Tanks.

Date of Government Version: 09/30/95 — Date of Next Scheduled Update: 05/26/96

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NEW YORK COUNTY RECORDS

CORTLAND COUNTY:

Cortland County UST Listing (AST)
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 07/12/95 — Date of Next Scheduled Update: 06/10/96

Cortland County UST Listing (UST)
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 01/11/96 — Date of Next Scheduled Update: N/A

NASSAU COUNTY:

NCPHO Article XI Database (AST)
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 01/02/96 — Date of Next Scheduled Update: 06/10/96

NCPHO Article XI Database (UST)
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 01/02/96 — Date of Next Scheduled Update: N/A

ROCKLAND COUNTY:

Petroleum Bulk Storage Database (AST)
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 11/23/95 — Date of Next Scheduled Update: 06/10/96

Petroleum Bulk Storage Database (UST)
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 11/23/95 — Date of Next Scheduled Update: N/A

SUFFOLK COUNTY:

Underground Storage Tank Database (AST)
Source: Suffolk County Department of Health Services
Telephone: 516-854-2521

Date of Government Version: 02/28/95 — Date of Next Scheduled Update: 06/10/96

Underground Storage Tank Database (UST)
Source: Suffolk County Department of Health Services
Telephone: 516-854-2521

Date of Government Version: 02/28/95 — Date of Next Scheduled Update: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Historical and Other Database(s)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

DELISTED NPL: Delisted NPL Sites
Source: EPA
Telephone: 703-603-8769
DELISTED NPL: The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

NFRAP: No Further Remedial Action Planned
Source: EPA/NTIS
Telephone: 703-416-0702
NFRAP: As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

FRDS: Federal Reporting Data System
Source: EPA/Office of Drinking Water
Telephone: 202-260-2805
FRDS provides information regarding public water supplies and their compliance with monitoring requirements, maximum contaminant levels (MCL's), and other requirements of the Safe Drinking Water Act of 1986.

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals who, due to their fragile immune systems, are deemed to be especially sensitive to environmental discharges. These typically include the elderly, the sick, and children. While the exact location of these sensitive receptors cannot be determined, EDR indicates those facilities, such as schools, hospitals, day care centers, and nursing homes, where sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1994 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Water Dams: National Inventory of Dams
Source: Federal Emergency Management Agency
Telephone: 202-646-2801
WATER DAMS: National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

MAP FINDINGS SUMMARY

Database	Total Plotted
NPL	1
Delisted NPL	0
RCRIS-TSD	1
State Haz. Waste	2
CERCLIS	3
CERC-NFRAP	0
CORRACTS	2
State Landfill	0
LUST	97
UST	11
AST	25
RAATS	0
RCRIS Sm. Quan. Gen.	48
RCRIS Lg. Quan. Gen.	39
HMIRS	0
PADS	2
ERNS	1
FINDS	90
TRIS	1
NPL Liens	0
TSCA	0
MLTS	0
NY Spills	0
ROD	0
CONSENT	0
Coal Gas	0

* Sites may be listed in more than one database

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

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1 **KENDALL RESIDENCE** **LUST** **S100492251**
33 WENDELL STREET **N/A**
PLAINVIEW, NY

LUST:

Facility ID:	9211165	Spill Date:	12/28/1992
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	500.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	GROUNDWATER	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	RICE
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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2 **NEGRON RESIDENCE** **LUST** **S100666445**
54 SUNRISE STREET **N/A**
PLAINVIEW, NY

LUST:

Facility ID:	9004238	Spill Date:	07/17/1990
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	08/21/1990
Initiated clean up:	Not reported	Close Date:	08/21/1990
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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3 **FERN PLACE ELEMENTARY SCHOOL** **FINDS** **1000305842**
ORCHARD STREET/FERN PLACE **RCRIS-LQG** **NYD980564165**
PLAINVIEW, NY 11803

FERN PLACE ELEMENTARY SCHOOL (Continued) 1000305842

RCRIS:
Owner: PLAINVIEW OLD BETHPAGE
(212) 555-1212
Contact: LAWRENCE HERZOG
(516) 937-6412

Waste	Quantity	Info Source
X001	.00000 (N)	Notification

(P) = Pounds . (K) = Kilograms . (M) = Metric Tons . (T) = Tons . (N) = Not Reported

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4 **UNK** LUST S100668107
26 ANDOVER LN N/A
HICKSVILLE, NY

LUST:

Facility ID:	8710473	Spill Date:	03/14/1988
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	PASSENGER VEHICLE
Resource affected:	ON LAND	Notifier:	LOCAL AGENCY
Basin of spill:	1700	Project ID:	0
Cleaner:	NO ACTION TAKEN	Date Cleaned:	03/16/1988
Initiated clean up:	Not reported	Close Date:	03/16/1988
Last Inspection:	Not reported	Investigator:	Not reported
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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5 **WRIGHT FUEL** LUST S100490835
789 OLD COUNTRY ROAD N/A
PLAINVIEW, NY

LUST:

Facility ID:	9113197	Spill Date:	03/29/1992
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	8.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	04/16/1992
Initiated clean up:	Not reported	Close Date:	04/16/1992
Last Inspection:	Not reported	Investigator:	LUCE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
5	**ACE SERVICE CENTER** **791 OLD COUNTRY RD** **PLAINVIEW, NY**	**AST**	**A100043173** **N/A**

Nassau County AST:

Facility ID:	055919	Tank ID:	0002
Tank Location:	Indoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1285
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

6	**SHEAR MARTIN DMD** **777 OLD COUNTRY RD** **PLAINVIEW, NY 11803**	**RCRIS-SQG** **FINDS**	**1000555610** **NYD986981504**

RCRIS:
Owner: MARTIN SHEAR DMD
(212) 555-1212

Contact: MARTIN SHEAR
(516) 937-0888

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D011	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

7	**R & N CLEANERS DBA IZZY'S TLC** **720 OLD COUNTRY ROAD** **PLAINVIEW, NY 11803**	**RCRIS-SQG** **FINDS**	**1000124839** **NYD081368276**

RCRIS:
Owner: WEISFELNER, ISRAEL INC
(212) 555-1212

Contact: ISRAEL WEISFELNER
(516) 931-9163

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

There are 1 compliance/violation record(s) reported at this site:

Evaluation	Date	Violations
NON-FINANCIAL RECORD REVIEW (NRR)	15-OCT-87	YES

7	**TODD EVAN CLEANERS OF PLAINVIEW** **720 OLD COUNTRY RD** **PLAINVIEW, NY 11803**	**FINDS** **RCRIS-LQG**	**1000183132** **NYD982279853**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

TODD EVAN CLEANERS OF PLAINVIEW (Continued) **1000183132**

RCRIS:
Owner: UNKNOWN
(212) 555-1212

Contact: BENJAMIN MATROS
(516) 931-9163

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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8 **BELLECLARE NURSERY** **UST** **U001446888**
671 OLD COUNTRY RD **N/A**
PLAINVIEW, NY

Nassau County UST:

Facility ID:	055328	Tank ID:	0002
Tank Location:	Indoors, Belowground	Capacity:	00000550
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0673
Total Tanks:	1		

---

9 **COUNTRY CLEANERS** **RCRIS-SQG** **1000322800**
657 OLD COUNTRY ROAD **FINDS** **NYD981130875**
PLAINVIEW, NY 11803

RCRIS:
Owner: WON LEE
(516) 931-9747

Contact: WON LEE
(516) 931-9747

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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10 **40 ISLAND ST** **ERNS** **8704086**
N/A

PLAINVIEW, NY

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11 **LEE'S FRENCH CLEANERS** **RCRIS-SQG** **1000137893**
607 OLD COUNTRY ROAD **FINDS** **NYD982282808**
PLAINVIEW, NY 11803

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

LEE'S FRENCH CLEANERS (Continued) **1000137893**

RCRIS:
Owner: LEE TAE KWON
(212) 555-1212

Contact: KWANG HO LEE
(516) 935-6120

Waste	Quantity	Info Source	Waste	Quantity	Info Source
F002	.00000 (N)	Notification	NONE	.00000 (N)	EPA Inspection

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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12 **PLAINVIEW MANOR S/C., INC** **AST** **A100043244**
587 OLD COUNTRY RD **N/A**
PLAINVIEW, NY

Nassau County AST:

Facility ID:	056265	Tank ID:	0001
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1082
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

---

13 **OWNER RICHIE?** **LUST** **S101102812**
64 BARNUM AVENUE **N/A**
PLAINVIEW, NY

LUST:

Facility ID:	9401539	Spill Date:	04/29/1994
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	KEROSENE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	CITIZEN
Basin of spill:	1700	Project ID:	0
Cleaner:	NO ACTION TAKEN	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	AUSTIN
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

---

14 **PLAZA FRENCH CLEANERS** **FINDS** **1000442902**
524 OLD COUNTRY RD **RCRIS-LQG** **NYD986868396**
PLAINVIEW, NY 11803

PLAZA FRENCH CLEANERS (Continued) **1000442902**

RCRIS:
Owner: YOON HAKSUNG
(212) 555-1212

Contact: YOON HAKSUNG
(516) 932-5776

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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15 **UNK** **LUST** **S100666492**
510 OLD COUNTRY ROAD **N/A**
PLAINVIEW, NY

LUST:

Facility ID:	9006601	Spill Date:	09/15/1990
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	10.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	IN SEWER	Notifier:	FIRE DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	09/20/1990
Initiated clean up:	Not reported	Close Date:	09/20/1990
Last Inspection:	Not reported	Investigator:	LUCE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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16 **MERIT OYSTER BAY** **RCRIS-SQG** **1001028353**
496 PLAINVIEW RD **NYR000005850**
HICKSVILLE, NY 11801

RCRIS:
Owner: MERIT OIL OF NEW YORK INC
(610) 527-7900

Contact: Not reported

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D018	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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16 **NORTHVILLE INDUSTRIES** **LUST** **S100493481**
496 PLAINVIEW RD **N/A**
HICKSVILLE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

NORTHVILLE INDUSTRIES (Continued) **S100493481**

LUST:

Facility ID:	9201365	Spill Date:	05/04/1992
First notified:	C	Material class:	PETROLEUM
Material spilled:	UNKNOWN	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	03/06/1995
Initiated clean up:	Not reported	Close Date:	03/06/1995
Last Inspection:	Not reported	Investigator:	HAAS
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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16 **NORTHVILLE** **LUST** **S100493642**
496 PLAINVIEW RD **N/A**
HICKSVILLE, NY

LUST:

Facility ID:	9203191	Spill Date:	06/15/1992
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/06/1992
Initiated clean up:	Not reported	Close Date:	07/06/1992
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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16 **NORTHVILLE S/S** **LUST** **S100493669**
496 PLAINVIEW RD **N/A**
HICKSVILLE, NY

NORTHVILLE S/S (Continued) **S100493669**

LUST:

Facility ID:	9203434	Spill Date:	06/22/1992
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/06/1992
Initiated clean up:	Not reported	Close Date:	07/06/1992
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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16 **PLAINVIEW SHELL INC.** **UST** **U001854914**
500 OLD COUNTRY RD **N/A**
PLAINVIEW, NY

Nassau County UST:

Facility ID:	041012	Tank ID:	0004
Tank Location:	Indoors, Belowground	Capacity:	00000550
Tank Status:	6	Tank Material:	STEEL
Piping Type:	Galvanized Steel	Material Type:	Waste
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Description:	WASTE OIL		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0162
Total Tanks:	2		

Facility ID:	041012	Tank ID:	0005
Tank Location:	Indoors, Belowground	Capacity:	00000550
Tank Status:	6	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Other	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0162
Total Tanks:	2		

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16 **EXXON CO USA #37149** **RCRIS-SQG** **1000552335**
499 E OLD COUNTRY RD **FINDS** **NYD986947323**
HICKSVILLE, NY 11801 **LUST**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

EXXON CO USA #37149 (Continued) 1000552335

RCRIS:
Owner: EXXON CO USA
(713) 656-7761

Contact: ALDA S POOL
(713) 656-7709

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D018	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

LUST:

Facility ID:	9203976	Spill Date:	07/06/1992
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	ON LAND	Notifier:	DEC
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/28/1992
Initiated clean up:	Not reported	Close Date:	07/28/1992
Last Inspection:	Not reported	Investigator:	DEROSA
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

---

16 **S.S. PREMISES C/O SHELL OIL CO** RCRIS-SQG 1000140682
500 OLD COUNTRY RD FINDS NYD982178972
PLAINVIEW, NY 11803

RCRIS:
Owner: SHELL OIL COMPANY
(212) 555-1212

Contact: JOHN SPINELLE
(800) 431-5566

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	K052	.00000 (N)	Notification
X001	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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17 **WALTER'S AUTO GROUP** FINDS 1000401646
430 PLAINVIEW RD NYD982723256
HICKSVILLE, NY 11801

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18 **RICH WELGER RESIDENCE** LUST S101174173
21 LANE AVENUE N/A
PLAINVIEW, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

RICH WELGER RESIDENCE (Continued) **S101174173**

LUST:

Facility ID:	9409041	Spill Date:	10/06/1994
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/07/1994
Initiated clean up:	Not reported	Close Date:	10/07/1994
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

---

19 **OLSEN RESIDENCE** **LUST** **S100147265**
14 HEATHER LANE **N/A**
PLAINVIEW, NY

LUST:

Facility ID:	8804158	Spill Date:	08/11/1988
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	70.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	01/09/1989
Initiated clean up:	Not reported	Close Date:	01/09/1989
Last Inspection:	Not reported	Investigator:	HOFMANN
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

---

20 **ALFRED MAURO RESIDENCE** **LUST** **S100560476**
285 PLAINVIEW RD **N/A**
HICKSVILLE, NY

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

ALFRED MAURO RESIDENCE (Continued) **S100560476**

LUST:

Facility ID:	9306833	Spill Date:	09/03/1993
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	11/29/1993
Initiated clean up:	Not reported	Close Date:	11/29/1993
Last Inspection:	Not reported	Investigator:	CAMPBELL
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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21 **GETTY PETROLEUM** **LUST** **S100172266**
723 SOUTH OYSTER BAY ROAD **N/A**
PLAINVIEW, NY

LUST:

Facility ID:	8710561	Spill Date:	03/17/1988
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	04/20/1988
Initiated clean up:	Not reported	Close Date:	04/20/1988
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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21 **GETTY PETROLEUM CORP** **RCRIS-SQG** **1000871563**
723 S OYSTER BAY RD **FINDS** **NY0000071282**
PLAINVIEW, NY 11803

RCRIS:
Owner: GETTY PETROLEUM CORP
(516) 338-6000

Contact: JOHN CATAPANO
(516) 488-2500

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D008	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
22	**JOHNS SOUTH BAY MOBIL** **755 S OYSTER BAY RD** **BETHPAGE, NY 11714**	**FINDS** **RCRIS-LQG**	**1000281333** **NYD981555360**

RCRIS:
Owner: JOHN SOUTH BAY MOBIL
(516) 681-2068

Contact:JOHN PARISI
(516) 681-2068

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D008	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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22	**MOBIL S/S #17-KKJ** **755 S OYSTER BAY RD** **BETHPAGE, NY**	**AST**	**A100042847** **N/A**

Nassau County AST:

Facility ID:	041111	Tank ID:	0008
Tank Location:	Indoors, Aboveground	Capacity (Gal):	300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, MOTOR		
Leak Detect:	ELECTRONIC	Containment:	DOUBLE WALL TANK
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0892
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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22	**MOBIL OIL** **755 SOUTH OYSTER BAY ROAD** **BETHPAGE, NY**	**LUST**	**S100781305** **N/A**

LUST:

Facility ID:	9309724	Spill Date:	11/11/1993
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	ON LAND	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	08/17/1994
Initiated clean up:	Not reported	Close Date:	08/17/1994
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

22	**MOBIL S/S #17-KKJ** **755 S OYSTER BAY RD** **BETHPAGE, NY**	**UST**	**U001445843** **N/A**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

MOBIL S/S #17-KKJ (Continued) U001445843

Nassau County UST:

Facility ID:	041111	Tank ID:	0006
Tank Location:	Indoors, Belowground	Capacity:	00001000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Other	Material Type:	Fresh/Product
Int Protection:	Internal Lining		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	OIL, FUEL #2		
Leak Detect:	ELECTRONIC	Containment:	Double Wall Tank
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0490
Total Tanks:	2		

Facility ID:	041111	Tank ID:	0007
Tank Location:	Indoors, Belowground	Capacity:	00001000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Double Walled Fiberglass	Material Type:	Waste
Int Protection:	Internal Lining		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	WASTE OIL		
Leak Detect:	ELECTRONIC	Containment:	Double Wall Tank
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0490
Total Tanks:	2		

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23 **197 NEWBRIDGE S/S CORP - GULF** **RCRIS-SQG** **1000457373**
197 OLD COUNTRY RD **FINDS** **NYD986925238**
HICKSVILLE, NY 11801

RCRIS:
Owner: CUMBERLAND FARMS INC
(212) 555-1212

Contact: RAYMOND FITZPATRICK
(516) 921-4300

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D008	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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24 **EPSTEINS RESIDENCE** **LUST** **S100151135**
46 KESWICK LANE **N/A**
PLAINVIEW, NY

EPSTEINS RESIDENCE (Continued) **S100151135**

LUST:

Facility ID:	9006009	Spill Date:	08/30/1990
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	08/31/1990
Initiated clean up:	Not reported	Close Date:	08/31/1990
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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25 **LILCO HICKSVILLE OP. CENTER** **PADS** **1000178398**
175 E OLD COUNTRY ROAD **CERCLIS** **NYD006866008**
HICKVILLE, NY 11801 **FINDS**
RCRIS-LQG
RCRIS-TSD
CORRACTS

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	NO
Ownership Status:	UNKNOWN	NPL Status:	NOT ON NPL
EPA Notes:	Not reported		

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	02/28/1989
Assessment:	PRELIMINARY ASSESSMENT	Completed:	03/31/1989

CERCLIS Site Status:
This site is currently under investigation by the government to assess the extent of further action

CERCLIS Alias Name(s):
LILCO HICKSVILLE OP. CENTER

CORRACTS Data:
Prioritization: Low
Status: RCRA Facility Investigation Completed, Corrective Action Process is Terminated

RCRIS:
Owner: LONG ISLAND LIGHTING COMPANY
(516) 933-4590

Contact: MILHOUS MADISON
(516) 391-6133

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D002	.00000 (N)	Notification	D009	.00000 (N)	Notification
F001	.00000 (N)	Notification	F004	.00000 (N)	Notification
F005	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

LILCO HICKSVILLE OP. CENTER (Continued) **1000178398**

There are 6 compliance/violation record(s) reported at this site:

Evaluation	Date	Violations
COMPLIANCE SCHEDULE EVALUATION (CSE)	07-JUN-95	YES
COMPLIANCE EVALUATION INSPECTION (CEI)	14-OCT-94	YES
COMPLIANCE EVALUATION INSPECTION (CEI)	17-DEC-93	YES
COMPLIANCE EVALUATION INSPECTION (CEI)	27-SEP-91	YES
NON-FINANCIAL RECORD REVIEW (NRR)	20-OCT-88	YES
NON-FINANCIAL RECORD REVIEW (NRR)	16-MAY-86	YES

Other Pertinent Environmental Activity Identified at Site:
civil judicial and administrative enforcement cases against facility
facility is a PCB generator, storer, transporter or permitted disposer

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26 **SLOMINS** **LUST** **S101340894**
92 E OLD COUNTRY RD **N/A**
HICKSVILLE, NY

LUST:

Facility ID:	9411611	Spill Date:	11/30/1994
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	12/01/1994
Initiated clean up:	Not reported	Close Date:	12/01/1994
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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27 **STRUCTURAL INDUSTRIES INC** **RCRIS-SQG** **1000554648**
96 NEW SOUTH RD **FINDS** **NYD986971216**
HICKSVILLE, NY 11801 **UST**
LUST

RCRIS:
Owner: STANLEY HIRSCH
(516) 822-5200

Contact: BARBARA MACCIO
(516) 822-5200

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D006	.00000 (N)	Notification	F003	.00000 (N)	Notification
F005	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

STRUCTURAL INDUSTRIES INC (Continued) **1000554648**

LUST:

Facility ID:	8906944	Spill Date:	10/15/1989
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	UNKNOWN	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMMINDUST
Resource affected:	IN SEWER	Notifier:	FIRE DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/16/1989
Initiated clean up:	Not reported	Close Date:	10/16/1989
Last Inspection:	Not reported	Investigator:	HOFMANN
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Facility ID:	9306676	Spill Date:	08/31/1993
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMMINDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	03/02/1995
Initiated clean up:	Not reported	Close Date:	03/02/1995
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Nassau County UST:

Facility ID:	056447	Tank ID:	0002
Tank Location:	Indoors, Belowground	Capacity:	00007500
Tank Status:	6	Tank Material:	STEEL
Piping Type:	Unknown	Material Type:	Fresh/Product
Int Protection:	Unknown		
Ext Protection:	UNKNOWN		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1255
Total Tanks:	1		

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28 **MERRY OLDS INC** **FINDS** **1000372483**
777 SOUTH OYSTER BAY ROAD **RCRIS-LQG** **NYD065956922**
BETHPAGE, NY 11714

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

MERRY OLDS INC (Continued) 1000372483

RCRIS:
Owner: JOSEPH FOX
(212) 555-1212
Contact: FRED GALLAGHER
(516) 435-7948

Waste	Quantity	Info Source
D000	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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28 **GRAND PRIX PERFORMANCE LT** AST A100043319
777 S OYSTER BAY RD N/A
BETHPAGE, NY

Nassau County AST:

Facility ID:	056860	Tank ID:	0001
Tank Location:	Indoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, MOTOR		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0795
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	056860	Tank ID:	0002
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	240
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	OIL, MOTOR		
Leak Detect:	OTHER	Containment:	DOUBLE WALL TANK
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0795
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

---

29 **INLAND PLASTICS** RCRIS-SQG 1000556202
120 NEW SOUTH RD FINDS NYD986987618
HICKSVILLE, NY 11802

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29 **SPEDALE PHOTOGRAPHERS** RCRIS-SQG 1000184614
110 NEW SOUTH RD FINDS NYD982794570
HICKSVILLE, NY 11801

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

SPEDALE PHOTOGRAPHERS (Continued) **1000184614**

RCRIS:
Owner: JULIUS SPEDALE
(212) 555-1212

Contact: JULIUS SPEDALE
(516) 681-0863

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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30 **FRANKIE D'S SERV STA** **AST** **A100043084**
1234 STEWART AVE **N/A**
BETHPAGE, NY

Nassau County AST:

Facility ID:	055584	Tank ID:	0006
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	250
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Galvanized Steel	Material Type:	Fresh/Product
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	DOUBLE WALL TANK
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	1292
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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31 **CORNICHE OF HICKSVILLE** **RCRIS-SQG** **1000315603**
285-4 S BROADWAY **FINDS** **NYD982717472**
HICKSVILLE, NY 11801

RCRIS:
Owner: HICKSVILLE CORNICHE INC
(212) 555-1212

Contact: HI EUN SHON
(516) 935-9525

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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32 **HICKSVILLE FIRESTONE** **FINDS** **1000272865**
300 S BROADWAY **RCRIS-LQG** **NYD012729554**
HICKSVILLE, NY 11801 **LUST**
AST

HICKSVILLE FIRESTONE (Continued) **1000272865**

RCRIS:
Owner: CLIFF FRIETAG
(212) 555-1212

Contact: RICHARD ORELLI
(516) 931-0170

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D008	.00000 (N)	Notification
NONE	.00000 (N)	EPA Inspection			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

LUST:

Facility ID:	9010583	Spill Date:	01/02/1991
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	02/14/1992
Initiated clean up:	Not reported	Close Date:	02/14/1992
Last Inspection:	Not reported	Investigator:	WALSH
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Nassau County AST:

Facility ID:	055305	Tank ID:	0003
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	220
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0591
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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32 **ABBEY RENT ALL** **LUST** **S100668658**
301 S BROADWAY **AST** **N/A**
HICKSVILLE, NY

ABBEY RENT ALL (Continued) **S100668658**

LUST:

Facility ID:	8903512	Spill Date:	07/07/1989
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	ON LAND	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	02/13/1990
Initiated clean up:	Not reported	Close Date:	02/13/1990
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Nassau County AST:

Facility ID:	055255	Tank ID:	0003
Tank Location:	Indoors, Aboveground	Capacity (Gal):	220
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Gravity	Install Date:	0394
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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33 **COMMANDER** **LUST** **S101103113**
53 LAWNVIEW AVE **N/A**
HICKSVILLE, NY

LUST:

Facility ID:	9403227	Spill Date:	06/06/1994
First notified:	C	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	06/07/1994
Initiated clean up:	Not reported	Close Date:	06/07/1994
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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34 **TERRY SULLIVAN** **LUST** **S100147563**
355 S BROADWAY **N/A**
HICKSVILLE, NY

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

TERRY SULLIVAN (Continued) S100147563

LUST:

Facility ID:	8809382	Spill Date:	03/05/1989
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	10.00 GALLONS
Water body affected:	Not reported	Origin:	PASSENGER VEHICLE
Resource affected:	ON LAND	Notifier:	FIRE DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	03/06/1989
Initiated clean up:	Not reported	Close Date:	03/06/1989
Last Inspection:	Not reported	Investigator:	NCFM
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

---

34 **HIP - EAST NASSAU REGION** **RCRIS-SQG** 1000790857
350 S BROADWAY **FINDS** NYD987023462
HICKSVILLE, NY 11801

RCRIS:
Owner: HIP OF GREATER NEW YORK
(212) 630-5000

Contact: GEORGE MARLO
(516) 938-0100

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D002	.00000 (N)	Notification
D009	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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34 **DR. CHTRUVANTY** **LUST** S100667550
350 S BROADWAY N/A
HICKSVILLE, NY

LUST:

Facility ID:	8806012	Spill Date:	10/15/1988
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	4.00 GALLONS
Water body affected:	Not reported	Origin:	PASSENGER VEHICLE
Resource affected:	ON LAND	Notifier:	FIRE DEPARTMENT
Basin of spill:	1700	Project ID:	99222
Cleaner:	DEC - PIN PROJECT	Date Cleaned:	10/18/1988
Initiated clean up:	Not reported	Close Date:	10/18/1988
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
35	**NARDA MICROWAVE CORP** **75 COMMERCIAL ST** **HICKSVILLE, NY 11801**	**FINDS**	**1000789577** **NYD987010386**

Other Pertinent Environmental Activity Identified at Site:
facility has active water discharge permits

---

36 **IMPRESSIVE IMAGE INC** — **FINDS** **1000553036**; **RCRIS-LQG** **NYD986954451**
9 COMMERCIAL ST
HICKSVILLE, NY 11801

RCRIS:
Owner: ROBERT M RUSIE
(516) 931-0142

Contact: CELIA CERLINI
(516) 931-0142

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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36 **BIDCO MANUFACTURING CORP** — **RCRIS-SQG** **1000790592**; **FINDS** **NYD987020773**
8 COMMERCIAL ST
HICKSVILLE, NY 11801

RCRIS:
Owner: BIDCO MANUFACTURING CORP
(516) 433-0740

Contact: HARVEY BIDNER
(516) 433-0740

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D011	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

---

36 **MERCURY LIGHTING CORP** — **RCRIS-SQG** **1000981464**; **FINDS** **NY0001000082**
10 COMMERCIAL ST
HICKSVILLE, NY 11801

RCRIS:
Owner: MERCURY LIGHTING CORP
(215) 575-2390

Contact: KENNETH JONES
(215) 575-2390

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	F001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

---

36 **AETNA PRODUCTS** — **RCRIS-SQG** **1000553354**; **FINDS** **NYD986957702**
11 COMMERCIAL ST
HICKSVILLE, NY 11801

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

AETNA PRODUCTS (Continued) **1000553354**

RCRIS:
Owner: FORE IMPROVEMENT CORP
(516) 935-8383

Contact: PAUL MEYER
(516) 938-8100

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
U226	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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37 **DEXTER MAGNETIC MATERIALS DIV** **RCRIS-SQG** **1000552702**
400 KARIN LN **FINDS** **NYD986951077**
HICKSVILLE, NY 11801

RCRIS:
Owner: DEXTER CORP
(408) 730-0611

Contact: ROY YOST
(516) 822-3311

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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38 **BONANZA FABRIC CO** **LUST** **S100668624**
35 KARIN LN **N/A**
HICKSVILLE, NY

LUST:

Facility ID:	8800192	Spill Date:	04/06/1988
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	GROUNDWATER	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	05/16/1988
Initiated clean up:	Not reported	Close Date:	05/16/1988
Last Inspection:	Not reported	Investigator:	NCDH
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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39 **RESIDENCE** **LUST** **S100560263**
89 SILVBER AVE **N/A**
BETHPAGE, NY

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

RESIDENCE (Continued) **S100560263**

LUST:

Facility ID:	9306397	Spill Date:	08/24/1993
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	6.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	AFFECTED PERSONS
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	08/26/1993
Initiated clean up:	Not reported	Close Date:	08/26/1993
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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40 **PAG INSULATION** **FINDS** **1000551083**
44 FELICE CRESCENT **NYD986920239**
HICKSVILLE, NY 11801

Other Pertinent Environmental Activity Identified at Site:
facility has an emission permit under the Clean Air Act
civil judicial and administrative enforcement cases against facility

---

41 **THALL SVC STATION CORP.** **FINDS** **1000288210**
400 S. BROADWAY **RCRIS-LQG** **NYD055950935**
HICKSVILLE, NY 11801

RCRIS:
Owner: ROBERT L. THALL
(212) 555-1212

Contact: STEVEN THALL
(516) 433-3043

Waste	Quantity	Info Source
D000	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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41 **PACE FUEL CO** **LUST** **S100148922**
400 S BROADWAY **N/A**
HICKSVILLE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

PACE FUEL CO (Continued) **S100148922**

LUST:

Facility ID:	8702695	Spill Date:	07/03/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	25.00 GALLONS
Water body affected:	Not reported	Origin:	TANK TRUCK
Resource affected:	ON LAND	Notifier:	LOCAL AGENCY
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/03/1987
Initiated clean up:	Not reported	Close Date:	07/03/1987
Last Inspection:	Not reported	Investigator:	ACAMPORA
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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41 **SUNOCO-BOB THALL** **FINDS** **1000332080**
400 SOUTH BROADWAY **RCRIS-LQG** **NYD981492036**
HICKSVILLE, NY 11801

RCRIS:
Owner: BOB THALL
(212) 555-1212
Contact: BOB THALL
(516) 433-3043

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D008	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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42 **GENERAL ELECTRIC SUPPLY CO.** **RCRIS-LQG** **1000212460**
848 S. OYSTER BAY ROAD **NYD060317831**
HICKSVILLE, NY 11801

RCRIS:
Owner: GENERAL ELECTRIC
(212) 555-1212
Contact: JOSEPH HAYDEN
(516) 931-1890

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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42 **GENERAL ELECTRIC COMPAMY INC** **FINDS** **1000788076**
848 S OYSTER BAY RD **NYD060317831**
HICKSVILLE, NY 11802

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

43 **R & J CLEANERS**
447 S BROADWAY
HICKSVILLE, NY 11801

Database(s): **RCRIS-SQG, FINDS** | EDR ID Number: **1000912055** | EPA ID Number: **NY0000385393**

RCRIS:
Owner: KUAN-CHIEH PENG
(516) 938-6187

Contact: KUAN-CHIEH PENG
(516) 939-0776

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D007	.00000 (N)	Notification	D039	.00000 (N)	Notification
F002	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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44 **LARRY NALLIA RESIDENCE**
78 SPRUCE AVENUE
BETHPAGE, NY

Database(s): **LUST** | EDR ID Number: **S100664934** | EPA ID Number: **N/A**

LUST:

Facility ID:	9210656	Spill Date:	12/14/1992
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	02/12/1993
Initiated clean up:	Not reported	Close Date:	02/12/1993
Last Inspection:	Not reported	Investigator:	GIBBONS
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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45 **UNK CUSTOMER**
502 S BROADWAY
HICKSVILLE, NY

Database(s): **LUST** | EDR ID Number: **S100493879** | EPA ID Number: **N/A**

LUST:

Facility ID:	9205657	Spill Date:	08/15/1992
First notified:	C	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	4.00 GALLONS
Water body affected:	Not reported	Origin:	PASSENGER VEHICLE
Resource affected:	ON LAND	Notifier:	AFFECTED PERSONS
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	08/17/1992
Initiated clean up:	Not reported	Close Date:	08/17/1992
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
45	**GRAND PRIX PERFORMANCE LTD** **500 S BROADWAY** **HICKSVILLE, NY 11801**	**RCRIS-SQG** **FINDS**	**1000791026** **NYD987025251**

RCRIS:
Owner: JOHN DEMONACO
(516) 931-2942

Contact: STEVE SCHERER
(516) 822-1550

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	D008	.00000 (N)	Notification
D018	.00000 (N)	Notification	D039	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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45	**GRAND JEEP EAGLE DEALERSHIP** **500 BROADWAY** **HICKSVILLE, NY 11801**	**FINDS** **RCRIS-LQG**	**1000791734** **NYD987032521**

RCRIS:
Owner: ANN DEMONACO
(516) 931-2942

Contact: ANN DEMONACO
(516) 931-2942

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D006	.00000 (N)	Notification
D008	.00000 (N)	Notification	D009	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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45	**HESS S/S** **502 S BROADWAY** **HICKSVILLE, NY**	**LUST**	**S100493287** **N/A**

LUST:

Facility ID:	9113034	Spill Date:	03/24/1992
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	GROUNDWATER	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	05/20/1992
Initiated clean up:	Not reported	Close Date:	05/20/1992
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

45	**HESS** **502 S BROADWAY** **HICKSVILLE, NY**	**LUST**	**S101174774** **N/A**

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

HESS (Continued) **S101174774**

LUST:

Facility ID:	9404252	Spill Date:	06/27/1994
First notified:	C	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	RMS CAMPBELL
UST Trust Fund:	Yes		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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45 **AMERADA HESS STATION 32489** **RCRIS-SQG 1000789578**
502 S BROADWAY **FINDS NYD987010394**
HICKSVILLE, NY 11801

RCRIS:
Owner: AMERADA HESS CORP
(908) 750-6000

Contact: THOMAS WHITTAKER
(908) 750-6225

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D018	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Other Pertinent Environmental Activity Identified at Site:
facility has active water discharge permits

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45 **GRAND PRIX PERFORMANCE** **AST** **A100042981**
500 S BROADWAY **N/A**
HICKSVILLE, NY

Nassau County AST:

Facility ID:	055208	Tank ID:	0004
Tank Location:	Indoors, Aboveground	Capacity (Gal):	240
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	OTHER		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, MOTOR		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0676
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRAND PRIX PERFORMANCE (Continued) **A100042981**

Facility ID:	055208	Tank ID:	0005
Tank Location:	Indoors, Aboveground	Capacity (Gal):	240
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Gravity	Install Date:	0491
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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45 **JOHN HENRYS CLEANERS** **FINDS** **1000305180**
495-30 SOUTH BROADWAY **RCRIS-LQG** **NYD982182057**
HICKSVILLE, NY 11801

RCRIS:
Owner: GROSSE HENRY
(212) 555-1212

Contact: HENRY GROSSE
(516) 935-7650

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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45 **TRW MEDIAL ELECTRONIC CORP** **FINDS** **1000123895**
485-29 S BROADWAY **RCRIS-LQG** **NYD986872984**
HICKSVILLE, NY 11801

RCRIS:
Owner: DIVISION OF TRW
(212) 555-1212

Contact: NICK OSTER
(516) 932-8700

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	NONE	.00000 (N)	EPA Inspection

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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45 **SALS AUTO BODY** **RCRIS-SQG** **1000373491**
477 S BROADWAY **FINDS** **NYD986894939**
HICKSVILLE, NY 11801

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

SALS AUTO BODY (Continued) 1000373491

RCRIS:
Owner: LOU SEPLAVY
(212) 555-1212

Contact: DANIEL RYAN
(516) 681-6644

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	F005	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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46 **RONZONI FOODS CORPORATION** RCRIS-SQG 1000212440
50 LUDY ST FINDS NYD152084372
HICKSVILLE, NY 11801

RCRIS:
Owner: PHILIP MORRIS
(212) 555-1212

Contact: ANTHONY BELVIGLIO
(516) 932-2700

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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46 **TRIPLE J.V.C. AUTO COLLISION, INC** RCRIS-SQG 1000347932
55 LUDY ST FINDS NYD982730178
HICKSVILLE, NY 11801

RCRIS:
Owner: JOHN COTONA
(212) 555-1212

Contact: JOHN COTONA
(516) 939-0020

Waste	Quantity	Info Source	Waste	Quantity	Info Source
F003	.00000 (N)	Notification	F005	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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46 **GRUMMAN AEROSPACE CORP** FINDS 1000300850
83 LUDY ST RCRIS-LQG NYD981182231
HICKSVILLE, NY 11714

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN AEROSPACE CORP (Continued) **1000300850**

RCRIS:
Owner: INDUSTRIAL REALTY CO
(212) 555-1212

Contact: JOHN OHLMANN
(516) 575-2385

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	F001	.00000 (N)	Notification
F003	.00000 (N)	Notification	F005	.00000 (N)	Notification
NONE	.00000 (N)	EPA Inspection			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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47 **HENRY SOLUK OWNER** **LUST** **S100491897**
30 FLORAL AVENUE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9208514	Spill Date:	10/23/1992
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	200.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	04/27/1994
Initiated clean up:	Not reported	Close Date:	04/27/1994
Last Inspection:	Not reported	Investigator:	GIBBONS
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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48 **SHELL OIL CO** **FINDS** **1000552235**
STEWART & FARMERS **RCRIS-LQG** **NYD986946309**
BETHPAGE, NY 11714 **LUST**

RCRIS:
Owner: JOHN N LOONEY
(212) 555-1212

Contact: BROOKS PERLEE
(516) 942-4121

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D008	.00000 (N)	Notification	D027	.00000 (N)	Notification
F001	.00000 (N)	Notification	F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

SHELL OIL CO (Continued) **1000552235**

LUST:

Facility ID:	8709242	Spill Date:	01/29/1988
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	04/06/1988
Initiated clean up:	Not reported	Close Date:	04/06/1988
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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48 **SHELL GAS STATION** **LUST** **S100781107**
STEWART AVE / FARMERS AVE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9308447	Spill Date:	10/12/1993
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	Yes		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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48 **A & D SHELL** **UST** **U001854915**
STEWART & FARMERS AVENUES **N/A**
BETHPAGE, NY

Nassau County UST:

Facility ID:	041021	Tank ID:	0004
Tank Location:	Indoors, Belowground	Capacity:	00000550
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Galvanized Steel	Material Type:	Waste
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	WASTE OIL		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0883
Total Tanks:	2		

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

A & D SHELL (Continued) **U001854915**

Facility ID:	041021	Tank ID:	0005
Tank Location:	Indoors, Belowground	Capacity:	00000550
Tank Status:	6	Tank Material:	STEEL
Piping Type:	Other	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0162
Total Tanks:	2		

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49 **PLAZA PONTIAC** LUST S100669241
27 LUDY ST N/A
HICKSVILLE, NY

LUST:

Facility ID:	9002820	Spill Date:	06/08/1990
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/11/1990
Initiated clean up:	Not reported	Close Date:	07/11/1990
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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50 **BROADWAY PLAZA CLEANERS** RCRIS-SQG 1000145670
532 S BROADWAY FINDS NYD094822673
HICKSVILLE, NY 11801

RCRIS:
Owner: BROADWAY PLAZA CLEANERS
(212) 555-1212
Contact: LUCKY CHOI
(516) 433-4707

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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51 **LILCO** LUST S101508040
EVERGREEN / SPRUCE AVE N/A
BETHPAGE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

LILCO (Continued) **S101508040**

LUST:

Facility ID:	9415203	Spill Date:	02/20/1995
First notified:	C	Material class:	PETROLEUM
Material spilled:	NON-PCB OIL	Release QTY:	40.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	LAMANNO
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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52 **COLONIAL TRANSPARENT PDTS CO** **FINDS** **1000545961**
870 S OYSTER BAY RD **NYD001339621**
HICKSVILLE, NY 11801

Other Pertinent Environmental Activity Identified at Site:
facility has an emission permit under the Clean Air Act
civil judicial and administrative enforcement cases against facility

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53 **RUCO POLYMER CORP. (HOOKER CHEM)** **SHWS** **S101008268**
NEW SOUTH ROAD **N/A**
HICKSVILLE, NY 11801

RUCO POLYMER CORP. (HOOKER CHEM) (Continued) **S101008268**

SHWS:

Facility ID:	130004	EPA ID:	NYD002920312
Owner:	Ruco Polymer Corp. New South Road Hicksville, NY 11802		
Owner Telephone:	Not reported		
Operator:	Not reported Not reported Not reported		
Contact:	Not reported	Telephone	Not reported
Site Classification:	Significant threat to the public health or environment - action required.		
Region:	1		
Site Type:	Lagoon		
Acres:	15	User:	Hooker Chemicals
HW Started:	1946	HW Ended:	late 70's
HW Disposed:	Plant #1 Ester Sump: Residual organics., 2 Ethylhexanol, alcohols, diethylene glycol,, ethylene glycol, plasticizer, adipic acid,, polyester, Plant #2 polmyer solids, PCBs (BOO7) (FOO2)., Vinyl Chloride, trichloroethylene, vinyl acetate		
Units:	Residuals from, drying beds		
Air Data:	Unavailable	Surf. Water Data:	Unavailable
Grnd. Water Data:	Available	Soil Data:	Available
Sediment Data:	Unavailable		
Ground Water Standards Contravention:		Yes	
Drinking Water Standards Contravention:		No	
Surface Water Standards Contravention:		No	
Air Standards Contravention:		No	
Enforcement Status:	Negotiation In Progress	Legal Action:	No
State Action:	No	Fed Action:	Yes
Remedial Action:	In Progress		
Rmdl Action Type:	Off-site GW Invest.and on-site remedial design.		
Soil Type:	Sand & Gravel		
Grnd Water Depth:	50 feet		

Assessment of Environmental Problems:

Groundwater adjacent to site has been documented to contain vinylchloride. Three inactive lagoons were filled with waste and covered.Soil and groundwater have been found to be contaminated with vinylchloride and other chlorinated hydrocarbons.

Assessment of Health Problems:

The potential exposure to site contaminants is through off-sitemigration of contaminated groundwater. Bethpage Water District supplywells are located down-gradient of this site and the Grumman and Navysites (see site #130003a and 130003b). Samples of water from the wellsat Bethpage Water District Plants 4 and 6 are contaminated. A watertreatment system is in operation at Plant 6 and one is planned for Plant4. Trichloroethene was detected for the first time and atconcentrations below New York State drinking water standards in samplescollected from the wells at Plant 4 in December 1992. A treatmentfacility is planned for Bethpage Water District Plant 5 in anticipationthat contamination will reach this facility in the future. These, aswell as all public water supply wells are monitored on a routine basis.In 1993, the US EPA issued a Record of Decision which describes theremedial efforts planned for the on-site contamination. Efforts toaddress concerns with off-site groundwater contamination are underway.

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
53	**RUCO POLYMER CORP.** **NEW SOUTH ROAD** **HICKSVILLE, NY 11801**	**CERCLIS** **RCRIS-SQG** **NPL** **TRIS** **CORRACTS** **LUST**	**1000268848** **NYD002920312**

CERCLIS Classification Data:

Site Incident Category:	CHEMICAL PLANT	Federal Facility:	NO
Ownership Status:	PRIVATE	NPL Status:	CURRENTLY ON THE FINAL NPL
EPA Notes:	THE HOOKER/RUCO SITE IS AN ACTIVE PLASTICS MANUFACTURING FACILITY. RCRA: SMALL GENERATOR.		

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	11/01/1979
Assessment:	PRELIMINARY ASSESSMENT	Completed:	09/01/1984
Assessment:	SCREENING SITE INSPECTION	Completed:	10/01/1984
Assessment:	FINAL LISTING ON NPL	Completed:	06/10/1986
Assessment:	PROPOSAL TO NPL	Completed:	10/15/1984
Assessment:	RMVL INVESTIGATION AT NPL	Completed:	08/21/1990
Assessment:	RMVL INVESTIGATION AT NPL	Completed:	02/03/1993
Assessment:	COMBINED RI/FS	Completed:	09/21/1988
Assessment:	REMEDIAL COMMUNITY RELATIONS	Completed:	Not reported
Assessment:	RI/FS WORKPLAN APPROVAL BY HQ	Completed:	09/21/1988
Assessment:	RECORD OF DECISION	Completed:	01/28/1994
Assessment:	COMBINED RI/FS	Completed:	01/28/1994
Assessment:	ADMINISTRATIVE RECORD	Completed:	Not reported
Assessment:	MANAGEMENT ASSISTANCE	Completed:	Not reported
Assessment:	COMBINED RI/FS	Completed:	09/28/1990
Assessment:	RECORD OF DECISION	Completed:	09/28/1990
Assessment:	ADMINISTRATIVE RECORD	Completed:	Not reported
Assessment:	COMBINED RI/FS	Completed:	Not reported
Assessment:	RECORD OF DECISION	Completed:	Not reported

CERCLIS Site Status:

This site is currently under investigation by the government to assess the extent of further action

CERCLIS Alias Name(s):

RUCO POLYMER CORP
HOOKER CHEM /RUCO POLYMER

CORRACTS Data:

Prioritization:	High
Status:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

RUCO POLYMER CORP. (Continued) **1000268848**

NPL:

ID:	02NY052
Date Listed:	6/10/86 (FINAL)
EPA/ID:	NYD002920312
Haz. Rank Score:	41.60
Status:	LISTED ON NPL
Rank:	451
Group:	10
Ownership:	Private
Permit:	Air
Permit:	NPDES
Site Activities:	Chemical Process/Manuf.
Site Activities:	Incinerator
Site Activities:	Spill
Site Activities:	Tank, above ground
Site Activities:	Containers/Drums
Site Activities:	Surface Impoundment
Site Activities:	Tank, below ground
Site Condition:	Contamination of Soil
Site Condition:	Contam. Ground Water
Waste Type:	Chlorinated Organics
Waste Type:	Solvents

Contaminant:	Media Affected:
VINYL CHLORIDE	Not reported
1,1,2-TRICHLOROETHYLENE (TCE)	Not reported
TETRACHLOROETHENE	Not reported
PHENOL	Not reported
1,2-TRANS-DICHLOROETHYLENE	Not reported
1,1,1-TRICHLOROETHANE	Not reported
VINYL ACETATE	Not reported
STYRENE	Not reported
BUTADIENE	Not reported
ADIPIC ACID	Not reported
METHANOL	Not reported
PHTHALIC ACID	Not reported
METHYL ETHYL KETONE	Not reported
PENTACHLOROPHENOL (PCP)	Not reported
ZINC SULFATE	Not reported

Distance to nearest Population:	Not reported
Population within a 1 Mile Radius:	Not reported
Population within a 2 Mile Radius:	Not reported
Population within a 4 Mile Radius:	Not reported
Vertical Distance to Aquifer:	21 Feet to 75 Feet
Ground Water Use:	Not Used as Drinking Water, Alternative Source Available
Distance to nearest Surface Water:	Not reported

RUCO POLYMER CORP. (Continued) **1000268848**

RCRIS:
Owner: HOOKER CHEMICALS & PLASTICS CORPORATION
(516) 931-8100

Contact: PHILIP DEVRIES
(516) 931-8100

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D002	.00000 (N)	Notification	F001	.00000 (N)	Notification
F003	.00000 (N)	Notification	F005	.00000 (N)	Notification
U002	.00000 (N)	Notification	U028	.00000 (N)	Notification
U044	.00000 (N)	Notification	U112	.00000 (N)	Notification
U122	.00000 (N)	Notification	U140	.00000 (N)	Notification
U147	.00000 (N)	Notification	U154	.00000 (N)	Notification
U159	.00000 (N)	Notification	U190	.00000 (N)	Notification
U196	.00000 (N)	Notification	U210	.00000 (N)	Notification
U213	.00000 (N)	Notification	U220	.00000 (N)	Notification
U223	.00000 (N)	Notification	U226	.00000 (N)	Notification
U239	.00000 (N)	Notification	D001	.00100 (P)	Part A
D002	.00100 (P)	Part A	F001	399.64800 (P)	Part A
F003	399.64800 (P)	Part A	F005	399.64800 (P)	Part A
U002	399.64800 (P)	Part A	U028	22.68000 (M)	Part A
U044	49.95600 (P)	Part A	U112	.00100 (P)	Part A
U122	.00100 (P)	Part A	U140	1.81400 (M)	Part A
U147	999.11900 (P)	Part A	U154	.00100 (P)	Part A
U159	399.64800 (P)	Part A	U190	999.11900 (P)	Part A
U196	399.64800 (P)	Part A	U210	399.64800 (P)	Part A
U213	399.64800 (P)	Part A	U220	.00100 (P)	Part A
U223	399.64800 (P)	Part A	U226	49.95600 (P)	Part A
U239	.00100 (P)	Part A			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

LUST:

Facility ID:	8804415	Spill Date:	08/18/1988
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	02/19/1992
Initiated clean up:	Not reported	Close Date:	02/19/1992
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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54 **SALVATI FOODS, INC.** **UST** **U002171762**
595 S BROADWAY **N/A**
HICKSVILLE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

SALVATI FOODS, INC. (Continued) U002171762

Nassau County UST:

Facility ID:	056844	Tank ID:	0001
Tank Location:	Indoors, Belowground	Capacity:	00005000
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	NONE		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Gravity	Product Gauge:	Yes
Fill Type:	Gravity	Install Date:	0472
Total Tanks:	1		

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54 **SHAMROCK AUTO CENTER INC** RCRIS-SQG 1000553993
589 S BROADWAY FINDS NYD986964310
HICKSVILLE, NY 11801

RCRIS:
Owner: SHAMROCK AUTO CENTER INC
(516) 931-3323
Contact: JOE DIGREGORIO
(516) 931-3323

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D008	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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54 **AMERADA HESS OIL** RCRIS-SQG 1000352827
575 S BROADWAY NYD982536146
HICKSVILLE, NY 11801

RCRIS:
Owner: AMERADA HESS OIL
(212) 555-1212
Contact: JOE AOMEIDA
(800) 336-1342

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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54 **AMERADA HESS OIL** FINDS 1000788600
575 S BROADWAY NYD982536146
HICKSVILLE, NY 11801

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55 **HICKSVILLE DEPT OF PUBLIC WORKS** FINDS 1000272870
NEW SOUTH RD & MORRIS ST RCRIS-LQG NYD982789737
HICKSVILLE, NY 11801

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
56	**MCALOON RESIDENCE** **9 MINEOLA AVE** **HICKSVILLE, NY**	**LUST**	**S100667787** **N/A**

LUST:

Facility ID:	9203887	Spill Date:	07/03/1992
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/03/1992
Initiated clean up:	Not reported	Close Date:	07/03/1992
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

57	**GABRIELLI TRUCK SALES LTD** **880 S OYSTER BAY RD** **HICKSVILLE, NY**	**AST**	**A100043317** **N/A**

Nassau County AST:

Facility ID:	056827	Tank ID:	0002
Tank Location:	Indoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Unknown		
Ext Protection:	UNKNOWN		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1255
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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57	**MINEOLA MACK INC** **880 S OYSTER BAY RD** **HICKSVILLE, NY 11801**	**RCRIS-SQG** **FINDS** **LUST**	**1000209178** **NYD012730743**

RCRIS:

Owner: AMEDEO GABRIELLI
(212) 555-1212

Contact: AMEDEO GABRIELLI
(516) 981-7915

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

MINEOLA MACK INC (Continued) 1000209178

LUST:

Facility ID:	9304746	Spill Date:	07/15/1993
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	DIESEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	05/05/1994
Initiated clean up:	Not reported	Close Date:	05/05/1994
Last Inspection:	Not reported	Investigator:	CAMPBELL
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Facility ID:	9304764	Spill Date:	07/15/1993
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	DIESEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	04/29/1994
Initiated clean up:	Not reported	Close Date:	04/29/1994
Last Inspection:	Not reported	Investigator:	CAMPBELL
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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58 **LINDA SCHWARZ** LUST S100148382
12 FARM LN N/A
HICKSVILLE, NY

LUST:

Facility ID:	8911923	Spill Date:	03/13/1990
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	100.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	03/16/1990
Initiated clean up:	Not reported	Close Date:	03/16/1990
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
59	**WALTER HOFFMANN** **22 LINDEN BLVD** **HICKSVILLE, NY**	**LUST**	**S100148916** **N/A**

LUST:

Facility ID:	8702517	Spill Date:	06/28/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	100.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	08/19/1987
Initiated clean up:	Not reported	Close Date:	08/19/1987
Last Inspection:	Not reported	Investigator:	WALEK
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

60	**BETHPAGE METRO** **900 STEWART AVE** **BETHPAGE, NY**	**AST**	**A100043048** **N/A**

Nassau County AST:

Facility ID:	055456	Tank ID:	0001
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Galvanized Steel	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1085
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

60	**METRO S/S** **900 STEWART AVENUE** **BETHPAGE, NY**	**LUST**	**S100172052** **N/A**

LUST:

Facility ID:	8708438	Spill Date:	12/31/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	GROUNDWATER	Notifier:	OTHER
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	01/14/1988
Initiated clean up:	Not reported	Close Date:	01/14/1988
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID / Direction / Distance	Site	Database(s)	EDR ID Number / EPA ID Number

METRO S/S (Continued) — **S100172052**

Facility ID:	9506133	Spill Date:	08/17/1995
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	ON LAND	Notifier:	DEC
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	MATTHEWS
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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61 **SHUMSKI RESIDENCE** — **LUST** — **S100148303**
8 SILBER AVENUE — **N/A**
BETHPAGE, NY

LUST:

Facility ID:	8910897	Spill Date:	02/14/1990
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	GROUNDWATER	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/30/1990
Initiated clean up:	Not reported	Close Date:	10/30/1990
Last Inspection:	Not reported	Investigator:	GOMEZ
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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62 **HICKSVILLE WATER AUTHORIT** — **LUST** — **S100150043**
4 DEAN ST — **N/A**
HICKSVILLE, NY

HICKSVILLE WATER AUTHORIT (Continued) **S100150043**

LUST:

Facility ID:	8805214	Spill Date:	09/16/1988
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/24/1994
Initiated clean up:	Not reported	Close Date:	10/24/1994
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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62 **HICKSVILLE W.D. PLANT 8** **UST** **U002097372**
4 DEAN ST **AST** **N/A**
HICKSVILLE, NY

Nassau County UST:

Facility ID:	001160	Tank ID:	0003
Tank Location:	Indoors, Belowground	Capacity:	00004000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Int Protection:	Internal Lining		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	SODIUM HYDROXIDE		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0176
Total Tanks:	2		

Facility ID:	001160	Tank ID:	0004
Tank Location:	Indoors, Belowground	Capacity:	00004000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Int Protection:	Internal Lining		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	SODIUM HYDROXIDE		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0176
Total Tanks:	2		

Map ID / Direction / Distance	Site	Database(s)	EDR ID Number / EPA ID Number

HICKSVILLE W.D. PLANT 8 (Continued) — **U002097372**

Nassau County AST:

Facility ID:	001160	Tank ID:	0006
Tank Location:	Indoors, Aboveground	Capacity (Gal):	300
Tank Status:	In Service	Tank Material:	PLASTIC
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SODIUM HYPOCHLORITE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0491
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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63 **KING BEAR AUTO SERVICE CENTER** — **FINDS** **1000231520**
735 SOUTH BROADWAY — **RCRIS-LQG** **NYD981563513**
HICKSVILLE, NY 11801

RCRIS:
Owner: SMD ENTERPRISES, INC.
(212) 555-1212

Contact: SY DIAMOND
(516) 931-9714

Waste	Quantity	Info Source
X001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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63 **KING BEAR** — **AST** **A100043336**
735 S BROADWAY — **N/A**
HICKSVILLE, NY

Nassau County AST:

Facility ID:	056949	Tank ID:	0001
Tank Location:	Indoors, Aboveground	Capacity (Gal):	240
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, MOTOR		
Leak Detect:	OTHER	Containment:	DOUBLE WALL TANK
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0891
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	056949	Tank ID:	0002
Tank Location:	Indoors, Aboveground	Capacity (Gal):	240
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, MOTOR		
Leak Detect:	OTHER	Containment:	DOUBLE WALL TANK
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0891
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
64	**NEW YORK TELEPHONE ROOM 300** **920 SOUTH OYSTER BAY ROAD** **BETHPAGE, NY 11714**	**FINDS** **RCRIS-LQG**	**1000136892** **NYD982185712**

65 GRUMMAN AEROSPACE CORP. — **UST** **U001854670**
STEWART AVE. — **AST** **N/A**
BETHPAGE, NY

Nassau County UST:

Facility ID:	000001	Tank ID:	0372
Tank Location:	Indoors, Belowground	Capacity:	00010500
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Other	Material Type:	Fresh/Product
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Description:	NITRIC & HYDROFLUORIC ACID MIX		
Leak Detect:	OTHER	Containment:	Diking
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0169
Total Tanks:	18		

Facility ID:	000001	Tank ID:	1092
Tank Location:	Indoors, Belowground	Capacity:	00005000
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Steel/Iron	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	DYES/PIGMENTS, N.O.S.		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0175
Total Tanks:	18		

Facility ID:	000001	Tank ID:	1093
Tank Location:	Indoors, Belowground	Capacity:	00005000
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Steel/Iron	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	DYES/PIGMENTS, N.O.S.		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0175
Total Tanks:	18		

Facility ID:	000001	Tank ID:	1196
Tank Location:	Indoors, Belowground	Capacity:	00002000
Tank Status:	6	Tank Material:	OTHER
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	ACIDS, NOS		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0164
Total Tanks:	18		

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1403
Tank Location:	Indoors, Belowground	Capacity:	00003000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Galvanized Steel	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	OTHER	Containment:	Double Wall Tank
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Total Tanks:	18		

Facility ID:	000001	Tank ID:	1404
Tank Location:	Indoors, Belowground	Capacity:	00002500
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Galvanized Steel	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	OTHER	Containment:	Double Wall Tank
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Total Tanks:	18		

Facility ID:	000001	Tank ID:	2013
Tank Location:	Indoors, Belowground	Capacity:	00000550
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Wrapped Steel	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	WASTE OIL		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Gravity	Install Date:	0182
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9301
Tank Location:	Indoors, Belowground	Capacity:	00065000
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	TANK, WASTE TREATMENT		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0172
Total Tanks:	18		

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9302
Tank Location:	Indoors, Belowground	Capacity:	00040000
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	TANK, WASTE TREATMENT		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0172
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9304
Tank Location:	Indoors, Belowground	Capacity:	00065000
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	TANK, WASTE TREATMENT		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0172
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9305
Tank Location:	Indoors, Belowground	Capacity:	00103000
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Other	Material Type:	Waste
Int Protection:	Other		
Ext Protection:	NONE		
Description:	TANK, WASTE TREATMENT		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0184
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9306
Tank Location:	Indoors, Belowground	Capacity:	00011770
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	TANK, WASTE TREATMENT		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0184
Total Tanks:	18		

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9308
Tank Location:	Indoors, Belowground	Capacity:	00003300
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	TANK, WASTE TREATMENT		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9328
Tank Location:	Indoors, Belowground	Capacity:	00011800
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	INORGANICS, MISC		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0184
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9331
Tank Location:	Indoors, Belowground	Capacity:	00011800
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	FLUORIDE		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9337
Tank Location:	Indoors, Belowground	Capacity:	00010000
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Steel/Iron	Material Type:	Waste
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Description:	SLUDGE, NOS		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	1284
Total Tanks:	18		

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9338
Tank Location:	Indoors, Belowground	Capacity:	00010000
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Steel/Iron	Material Type:	Waste
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Description:	SLUDGE, NOS		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	1284
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9339
Tank Location:	Indoors, Belowground	Capacity:	00010000
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Double Walled Fiberglass	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	CATHODIC PROTECTION		
Description:	OIL, FUEL #2		
Leak Detect:	ELECTRONIC	Containment:	Double Wall Tank
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Gravity	Install Date:	0394
Total Tanks:	18		

Nassau County AST:

Facility ID:	000001	Tank ID:	0047
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1465
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RIDOLENE 53		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0131
Tank Location:	Indoors, Aboveground	Capacity (Gal):	760
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0139
Tank Location:	Indoors, Aboveground	Capacity (Gal):	400
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0140
Tank Location:	Indoors, Aboveground	Capacity (Gal):	160
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0141
Tank Location:	Indoors, Aboveground	Capacity (Gal):	670
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CHROMIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0142
Tank Location:	Indoors, Aboveground	Capacity (Gal):	760
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0143
Tank Location:	Indoors, Aboveground	Capacity (Gal):	670
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SULPHURIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0144
Tank Location:	Indoors, Aboveground	Capacity (Gal):	760
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0213
Tank Location:	Indoors, Aboveground	Capacity (Gal):	190
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0214
Tank Location:	Indoors, Aboveground	Capacity (Gal):	250
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0215
Tank Location:	Indoors, Aboveground	Capacity (Gal):	350
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0216
Tank Location:	Indoors, Aboveground	Capacity (Gal):	350
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0256
Tank Location:	Indoors, Aboveground	Capacity (Gal):	250
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHYLENE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0186
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0259
Tank Location:	Indoors, Aboveground	Capacity (Gal):	50
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHANE, 1,1,1-		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0261
Tank Location:	Indoors, Aboveground	Capacity (Gal):	760
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0262
Tank Location:	Indoors, Aboveground	Capacity (Gal):	760
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0285
Tank Location:	Indoors, Aboveground	Capacity (Gal):	50
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHANE, 1,1,1-		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0360
Tank Location:	Indoors, Aboveground	Capacity (Gal):	14000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	POTASSIUM HYDROXIDE & NITRATE		
Leak Detect:	ELECTRONIC	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0186
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) U001854570

Facility ID:	000001	Tank ID:	0361
Tank Location:	Indoors, Aboveground	Capacity (Gal):	10500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0169
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0363
Tank Location:	Indoors, Aboveground	Capacity (Gal):	10500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0169
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0365
Tank Location:	Indoors, Aboveground	Capacity (Gal):	10500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0169
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0366
Tank Location:	Indoors, Aboveground	Capacity (Gal):	10500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RIDOLENE 73		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0169
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) U001854670

Facility ID:	000001	Tank ID:	0371
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	10500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	ALKALINE SOLUTIONS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0169
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0384
Tank Location:	Indoors, Aboveground	Capacity (Gal):	115
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SURFACTANTS		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0187
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0388
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1570
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ALODINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0399
Tank Location:	Indoors, Aboveground	Capacity (Gal):	4418
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0400
Tank Location:	Indoors, Aboveground	Capacity (Gal):	4418
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0449
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1570
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0451
Tank Location:	Indoors, Aboveground	Capacity (Gal):	12630
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TURCO MASKANT		
Leak Detect:	NONE	Containment:	VAULT
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0172
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0490
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2700
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	ZYGLO PENETRANT		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID
Direction
Distance | Site | Database(s) | EDR ID Number
EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) U001854670

Facility ID:	000001	Tank ID:	0491
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2200
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	MAGNAFLUX		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0493
Tank Location:	Indoors, Aboveground	Capacity (Gal):	6750
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	MAGNAFLUX		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0503
Tank Location:	Indoors, Aboveground	Capacity (Gal):	115
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ALKALINE SOLUTIONS, NOS		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0187
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0506
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CHROME DEACTIVATING SOLUTION		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0508
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CHROME DEACTIVATING SOLUTION		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0594
Tank Location:	Indoors, Aboveground	Capacity (Gal):	3200
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM NITRATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Other	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0601
Tank Location:	Indoors, Aboveground	Capacity (Gal):	650
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	BASIC DEACTIVATING SOLUTION		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0168
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0603
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CHROME DEACTIVATING SOLUTION		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) U001854670

Facility ID:	000001	Tank ID:	0604
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CHROME DEACTIVATING SOLUTION		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0605
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CHROME DEACTIVATING SOLUTION		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0606
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CHROME DEACTIVATING SOLUTION		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0644
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2350
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC ACID & SODIUM SULFATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0645
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2350
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0740
Tank Location:	Indoors, Aboveground	Capacity (Gal):	185
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	PHOSPHORIC ACID		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0780
Tank Location:	Indoors, Aboveground	Capacity (Gal):	748
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CAUSTICS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0793
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	3600
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	PAINT, MISC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0794
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	3500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	PAINT, MISC		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0815
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	3600
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	ALODINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0183
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0930
Tank Location:	Indoors, Aboveground	Capacity (Gal):	50
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	FREON		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0186
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0939
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1570
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0174
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0941
Tank Location:	Indoors, Aboveground	Capacity (Gal):	500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHANE, 1,1,1-		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0162
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0956
Tank Location:	Indoors, Aboveground	Capacity (Gal):	6100
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RIDOLENE 53		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0166
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0957
Tank Location:	Indoors, Aboveground	Capacity (Gal):	6100
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0172
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0958
Tank Location:	Indoors, Aboveground	Capacity (Gal):	6100
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ALODINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0166
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) U001854670

Facility ID:	000001	Tank ID:	0959
Tank Location:	Indoors, Aboveground	Capacity (Gal):	6100
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0172
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1021
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1465
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SULFURIC & OXALIC ACID MIX		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0174
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1022
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1465
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1023
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1465
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ALODINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0174
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1024
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1465
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1039
Tank Location:	Indoors, Aboveground	Capacity (Gal):	330
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1052
Tank Location:	Indoors, Aboveground	Capacity (Gal):	157
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1053
Tank Location:	Indoors, Aboveground	Capacity (Gal):	157
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SURFACTANTS		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1054
Tank Location:	Indoors, Aboveground	Capacity (Gal):	157
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1055
Tank Location:	Indoors, Aboveground	Capacity (Gal):	157
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TRICHLOROETHANE, 1,1,1-		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1056
Tank Location:	Indoors, Aboveground	Capacity (Gal):	45
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC & HYDROFLUORIC ACID MIX		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1057
Tank Location:	Indoors, Aboveground	Capacity (Gal):	23
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0273
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1058
Tank Location:	Indoors, Aboveground	Capacity (Gal):	45
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC & HYDROFLUORIC ACID MIX		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1059
Tank Location:	Indoors, Aboveground	Capacity (Gal):	270
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1063
Tank Location:	Indoors, Aboveground	Capacity (Gal):	157
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ISOPROPYL ALCOHOL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1068
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1570
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RIDOLENE 53		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0174
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1069
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1570
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0174
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1071
Tank Location:	Indoors, Aboveground	Capacity (Gal):	630
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ACIDS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1104
Tank Location:	Indoors, Aboveground	Capacity (Gal):	185
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0176
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1106
Tank Location:	Indoors, Aboveground	Capacity (Gal):	185
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ALODINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0176
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1107
Tank Location:	Indoors, Aboveground	Capacity (Gal):	185
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0176
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1112
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9975
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1120
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1121
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1122
Tank Location:	Indoors, Aboveground	Capacity (Gal):	18200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1123
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1124
Tank Location:	Indoors, Aboveground	Capacity (Gal):	18200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1125
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1126
Tank Location:	Indoors, Aboveground	Capacity (Gal):	18200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1127
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	HYDROFLUORIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1128
Tank Location:	Indoors, Aboveground	Capacity (Gal):	18200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1129
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1130
Tank Location:	Indoors, Aboveground	Capacity (Gal):	18200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1131
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Waste
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1132
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1133
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Waste
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1134
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Waste
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1137
Tank Location:	Indoors, Aboveground	Capacity (Gal):	7700
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TRICHLOROETHANE, 1,1,1-		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1138
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RIDOLENE 57		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1139
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1140
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1141
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ALODINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1142
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1144
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	CHROMIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1145
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1150
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	9200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ACIDS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0181
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1151
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	9200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ACIDS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0181
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1152
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	9200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ACIDS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0181
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1156
Tank Location:	Indoors, Aboveground	Capacity (Gal):	517
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1157
Tank Location:	Indoors, Aboveground	Capacity (Gal):	517
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1184
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	10300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Waste
Description:	NITRIC & HYDROFLUORIC ACID MIX		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0181
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1190
Tank Location:	Indoors, Aboveground	Capacity (Gal):	170
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0176
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1191
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	1800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	TRADE NAME, ORGANIC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0181
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1193
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	3700
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ACIDS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0182
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1194
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	3700
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ACIDS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0182
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1207
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	10000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TETRACHLOROETHYLENE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0183
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1221
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHYLENE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1222
Tank Location:	Indoors, Aboveground	Capacity (Gal):	8800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RIDOLENE 57		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1223
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1224
Tank Location:	Indoors, Aboveground	Capacity (Gal):	8800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1225
Tank Location:	Indoors, Aboveground	Capacity (Gal):	8800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1226
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1228
Tank Location:	Indoors, Aboveground	Capacity (Gal):	8800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ALODINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1229
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1230
Tank Location:	Indoors, Aboveground	Capacity (Gal):	8800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SULPHURIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1231
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1232
Tank Location:	Indoors, Aboveground	Capacity (Gal):	8800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SODIUM DICHROMATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1233
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1239
Tank Location:	Indoors, Aboveground	Capacity (Gal):	900
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	GLYCOL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1251
Tank Location:	Indoors, Aboveground	Capacity (Gal):	365
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHYLENE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0186
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1252
Tank Location:	Indoors, Aboveground	Capacity (Gal):	38430
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SILICATES, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1253
Tank Location:	Indoors, Aboveground	Capacity (Gal):	38430
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1254
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	6000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	METHANOL		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1263
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1600
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	POTASSIUM NITRATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1264
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2700
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	SODIUM NITRITE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Other	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1265
Tank Location:	Indoors, Aboveground	Capacity (Gal):	375
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	LEAD		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Other	Install Date:	0181
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1266
Tank Location:	Indoors, Aboveground	Capacity (Gal):	250
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	ZINC		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Other	Install Date:	0181
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1267
Tank Location:	Indoors, Aboveground	Capacity (Gal):	5300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	ETHYLENE GLYCOL		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0187
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1272
Tank Location:	Indoors, Aboveground	Capacity (Gal):	700
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TETRACHLOROETHYLENE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1273
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2958
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0188
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1274
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1525
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	ETHYLENE GLYCOL		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0188
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1275
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1525
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0188
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1276
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1960
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SODIUM NITRATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0188
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1303
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	600
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHANE, 1,1,1-		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1255
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) U001854670

Facility ID:	000001	Tank ID:	1304
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	AMMONIA, ANHYDROUS		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Other	Install Date:	0169
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1345
Tank Location:	Indoors, Aboveground	Capacity (Gal):	30
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHYLENE		
Leak Detect:	OTHER	Containment:	OTHER
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0793
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1346
Tank Location:	Indoors, Aboveground	Capacity (Gal):	14
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	PHOTO DEVELOPER		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1347
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	URISCREEN-PEROXIDE & NA PERBORATE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1348
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1349
Tank Location:	Indoors, Aboveground	Capacity (Gal):	14
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	PHOTO DEVELOPER		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1350
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	URISCREEN-PEROXIDE & NA PERBORATE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1351
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1352
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	PHOTO DEVELOPER		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1353
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	URISCREEN-PEROXIDE & NA PERBORATE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1354
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1355
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	PHOTO DEVELOPER		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1356
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	URISCREEN-PEROXIDE & NA PERBORATE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1357
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	2004
Tank Location:	Indoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, MOTOR		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0168
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	2090
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	517
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	PHOTO CHEMICALS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	6006
Tank Location:	Indoors, Aboveground	Capacity (Gal):	175
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ORGANICS, MISC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Other	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	6008
Tank Location:	Indoors, Aboveground	Capacity (Gal):	175
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	WASTEWATER TREATMENT CHEMICALS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Other	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	7002
Tank Location:	Indoors, Aboveground	Capacity (Gal):	4800
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9001
Tank Location:	Indoors, Aboveground	Capacity (Gal):	11000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0147
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9002
Tank Location:	Indoors, Aboveground	Capacity (Gal):	11000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0147
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9003
Tank Location:	Indoors, Aboveground	Capacity (Gal):	11000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0147
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9004
Tank Location:	Indoors, Aboveground	Capacity (Gal):	11000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0147
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9005
Tank Location:	Indoors, Aboveground	Capacity (Gal):	15000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0147
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9006
Tank Location:	Indoors, Aboveground	Capacity (Gal):	15000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9007
Tank Location:	Indoors, Aboveground	Capacity (Gal):	15000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9008
Tank Location:	Indoors, Aboveground	Capacity (Gal):	15000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9009
Tank Location:	Indoors, Aboveground	Capacity (Gal):	15000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9010
Tank Location:	Indoors, Aboveground	Capacity (Gal):	4700
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	SLUDGE WASTES, INORGANIC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9011
Tank Location:	Indoors, Aboveground	Capacity (Gal):	4700
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	SLUDGE WASTES, INORGANIC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9012
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	INORGANICS, MISC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Other	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9013
Tank Location:	Indoors, Aboveground	Capacity (Gal):	300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	CALCIUM CARBONATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Other	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9014
Tank Location:	Indoors, Aboveground	Capacity (Gal):	300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	CALCIUM CARBONATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Other	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9303
Tank Location:	Indoors, Aboveground	Capacity (Gal):	3800
Tank Status:	In Service	Tank Material:	CONCRETE
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	TANK, WASTE TREATMENT		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0143
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9307
Tank Location:	Indoors, Aboveground	Capacity (Gal):	16000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	TANK, WASTE TREATMENT		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9309
Tank Location:	Indoors, Aboveground	Capacity (Gal):	16000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	TANK, WASTE TREATMENT		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9310
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	20600
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Waste
Description:	ACIDS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9311
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	12690
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Waste
Description:	CHARACTERISTIC OF CORROSIVITY		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9312
Tank Location:	Indoors, Aboveground	Capacity (Gal):	16900
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9313
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	10000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SULPHURIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9316
Tank Location:	Indoors, Aboveground	Capacity (Gal):	16000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Waste
Description:	ORGANICS, MISC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9317
Tank Location:	Indoors, Aboveground	Capacity (Gal):	4000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	CATHODIC PROTECTION		
Piping Type:	Other	Material Type:	Waste
Description:	WATER TANK		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9318
Tank Location:	Indoors, Aboveground	Capacity (Gal):	40
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ORGANICS, MISC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9320
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	7000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	HYDROGEN PEROXIDE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) U001854670

Facility ID:	000001	Tank ID:	9322
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	AMMONIUM NITRATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0188
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9323
Tank Location:	Indoors, Aboveground	Capacity (Gal):	980
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ORGANICS, MISC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9329
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	8000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9330
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	11800
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	HYDROFLUORIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9332
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	5800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	OTHER		
Piping Type:	Fiberglass	Material Type:	Waste
Description:	WATER TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9333
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	5800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	OTHER		
Piping Type:	Fiberglass	Material Type:	Waste
Description:	WATER TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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65 **GRUMMAN CORP OPERATIONS** **LUST** **S101102368**
STEWART AVENUE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9402644	Spill Date:	03/16/1994
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM/INDUST
Resource affected:	GROUNDWATER	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/02/1995
Initiated clean up:	Not reported	Close Date:	10/02/1995
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN BETHPAGE** **LUST** **S100666789**
STEWART AVENUE **N/A**
BETHPAGE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN BETHPAGE (Continued) **S100666789**

LUST:

Facility ID:	9213848	Spill Date:	03/17/1993
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	DIESEL	Release QTY:	40.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	KISPERT DRO
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN** **LUST** **S100781235**
STEWART AVE / SO OYSTER B **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9309349	Spill Date:	11/01/1993
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	DEC
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	03/01/1994
Initiated clean up:	Not reported	Close Date:	03/01/1994
Last Inspection:	Not reported	Investigator:	PARISH
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN AEROSPACE-BETHPAGE FACILITY** **SHWS** **S101008267**
STEWART AVENUE **N/A**
BETHPAGE, NY 11714

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

GRUMMAN AEROSPACE-BETHPAGE FACILITY (Continued) **S101008267**

SHWS:

Facility ID:	130003A	EPA ID:	NYD002047967
Owner:	Grumman Aerospace Corp Mail Stop B08-30 Bethpage, NY 11714		
Owner Telephone:	Not reported		
Operator:	Grumman Aerospace Corp Mail Stop B08-30 Bethpage, NY 11714		
Contact:	John Ohlman	Telephone	Not reported
Site Classification:	Significant threat to the public health or environment - action required.		
Region:	1		
Site Type:	Lagoon, Landfill		
Acres:	318	User:	Grumman Aerospace Corp.
HW Started:	1943	HW Ended:	present
HW Disposed:	Chromium sludge, Paint sludge, Metals, Chlorinated solvents		
Units:	unknown, unknown, unknown, unknown		
Air Data:	Unavailable	Surf. Water Data:	Unavailable
Grnd. Water Data:	Available	Soil Data:	Available
Sediment Data:	Available		
Ground Water Standards Contravention:		Yes	
Drinking Water Standards Contravention:		Yes	
Surface Water Standards Contravention:		No	
Air Standards Contravention:		No	
Enforcement Status:	Order Has Been Signed	Legal Action:	No
State Action:	Yes	Fed Action:	No
Remedial Action:	In Progress, Completed		
Rmdl Action Type:	RI-FS groundwater-OU II, and on-site soil-OU I		
Soil Type:	Sand		
Grnd Water Depth:	Approximately 55 feet		

Assessment of Environmental Problems:
Two of the municipal water supplies downgradient have been impactedand others are threatened.

Assessment of Health Problems:
On-site contamination of soil, surface water (leaching basins), andgroundwater may provide routes of on-site exposure to humans. However,no exposures have been identified. Groundwater on-site is contaminatedbut it is not used as a potable water supply. Contamination wasdetected at Bethpage Water District Plants 6 and 4. A treatment systemis in operation at Plant 6. Trichloroethene was detected for the firsttime at concentrations below New York State Drinking Water Standards insamples from Bethpage Water District Plant 4 during December 1992.Plans are being developed to install treatment for this facility and forthe Bethpage Water District Plant 5. The treatment facility for Plant 5is planned in anticipation that the contamination will eventually reachthis facility. So far, no contamination has been found at Plant 5.

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65 **NORTHROP GRUMMAN** **LUST** **S101340215**
SO OYSTER BAY ROAD **N/A**
BETHPAGE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

NORTHROP GRUMMAN (Continued) **S101340215**

LUST:

Facility ID:	9413982	Spill Date:	01/18/1995
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	MAJOR FACILITY 400,000 GAL
Resource affected:	ON LAND	Notifier:	DEC
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	MATTHEWS
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN** **LUST** **S100665943**
PLANT #2 HANGER **N/A**
BETHPAGE, NY

LUST:

Facility ID:	8909211	Spill Date:	12/19/1989
First notified:	REGIONAL OFFICE	Material class:	NONPETRO\NONHAZ
Material spilled:	Not Reported	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	IN SEWER	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	12/21/1989
Initiated clean up:	Not reported	Close Date:	12/21/1989
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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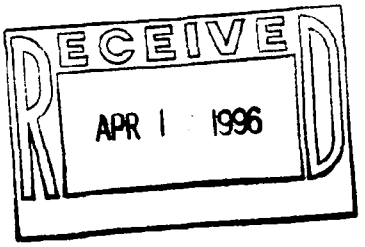
65 **GRUMMAN AEROSPACE** **LUST** **S100173006**
BUILDING 116-01-1 **N/A**
BETHPAGE, NY



Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

GRUMMAN AEROSPACE (Continued) **S100173006**

LUST:

Facility ID:	8901526	Spill Date:	05/16/1989
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	MAJOR FACILITY 400,000 GAL
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	05/01/1992
Initiated clean up:	Not reported	Close Date:	05/01/1992
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN AEROSPACE** **LUST** **S101173531**
BLDG 28 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9408269	Spill Date:	09/21/1994
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMMINDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN AEROSPACE** **LUST** **S100665775**
EAST END OF PLANT #3 **N/A**
BETHPAGE, NY

GRUMMAN AEROSPACE (Continued) **S100665775**

LUST:

Facility ID:	8807681	Spill Date:	12/20/1988
First notified:	REGIONAL OFFICE	Material class:	HAZARDOUS MATERIAL
Material spilled:	Not Reported	Release QTY:	2.00 GALLONS
Water body affected:	Not reported	Origin:	TANK TRUCK
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	12/30/1988
Initiated clean up:	Not reported	Close Date:	12/30/1988
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN AEROSPACE** **LUST** **S100559911**
GRUMMAN AEROSPACE PL #20 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9304043	Spill Date:	06/29/1993
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	DIESEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	T/T/F TL MOSF
UST Trust Fund:	Yes		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN AEROSPACE** **LUST** **S100168920**
BLDG 115 **N/A**
BETHPAGE, NY

GRUMMAN AEROSPACE (Continued) **S100168920**

LUST:

Facility ID:	8807239	Spill Date:	12/01/1988
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	01/10/1989
Initiated clean up:	Not reported	Close Date:	01/10/1989
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN CORP** **LUST** **S100666542**
RTE 107 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9010127	Spill Date:	12/18/1990
First notified:	REGIONAL OFFICE	Material class:	HAZARDOUS MATERIAL
Material spilled:	Not Reported	Release QTY:	50.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	12/19/1990
Initiated clean up:	Not reported	Close Date:	12/19/1990
Last Inspection:	Not reported	Investigator:	HOFMANN
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN AEROSPACE** **LUST** **S100171769**
BUILDING #2 GRUMMAN **N/A**
BETHPAGE, NY

Map ID / Direction / Distance	Site	Database(s)	EDR ID Number / EPA ID Number

GRUMMAN AEROSPACE (Continued) — **S100171769**

LUST:

Facility ID:	8704145	Spill Date:	08/19/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	09/23/1987
Initiated clean up:	Not reported	Close Date:	09/23/1987
Last Inspection:	Not reported	Investigator:	O'NEILL
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN AEROSPACE**
SO OYSTER BAY RD BLDG #1
BETHPAGE, NY

LUST — **S100664793** / **N/A**

LUST:

Facility ID:	9207215	Spill Date:	09/22/1992
First notified:	C	Material class:	PETROLEUM
Material spilled:	Not Reported	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	09/25/1992
Initiated clean up:	Not reported	Close Date:	09/25/1992
Last Inspection:	Not reported	Investigator:	PARISH
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN BLDG #3**
STEWART AVE
BETHPAGE, NY

LUST — **S101173516** / **N/A**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN BLDG #3 (Continued) **S101173516**

LUST:

Facility ID:	9406455	Spill Date:	08/11/1994
First notified:	C	Material class:	PETROLEUM
Material spilled:	DIESEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	Yes		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN AEROSPACE** **LUST** **S100169213**
BUILDING 04-01-1 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	8901527	Spill Date:	05/12/1989
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	MAJOR FACILITY 400,000 GAL
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	05/23/1989
Initiated clean up:	Not reported	Close Date:	05/23/1989
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN PLANT #20** **LUST** **S100491399**
STEWART AVE **N/A**
BETHPAGE, NY

GRUMMAN PLANT #20 (Continued) **S100491399**

LUST:

Facility ID:	9204511	Spill Date:	07/20/1992
First notified:	C	Material class:	PETROLEUM
Material spilled:	DIESEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	09/30/1992
Initiated clean up:	Not reported	Close Date:	09/30/1992
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Facility ID:	9302603	Spill Date:	05/26/1993
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/27/1993
Initiated clean up:	Not reported	Close Date:	07/27/1993
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN AEROSPACE** **LUST** **S100171849**
BUILDING #1 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	8705197	Spill Date:	09/21/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	JET FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/14/1987
Initiated clean up:	Not reported	Close Date:	10/14/1987
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
65	**GRUMMAN AEROSPACE** **BLDG 111** **BETHPAGE, NY**	**LUST**	**S100173439** **N/A**

LUST:

Facility ID:	9001711	Spill Date:	05/14/1990
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	09/10/1993
Initiated clean up:	Not reported	Close Date:	09/10/1993
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

65	**GRUMMAN AEROSPACE** **GRUMMAN FACILITY BLDG 1** **BETHPAGE, NY**	**LUST**	**S100171783** **N/A**

LUST:

Facility ID:	8704386	Spill Date:	08/26/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	JET FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	FIRE DEPARTMENT
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/14/1987
Initiated clean up:	Not reported	Close Date:	10/14/1987
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

65	**GRUMMAN** **PLANT #1 FUEL DEPOT** **BETHPAGE, NY**	**LUST**	**S100663921** **N/A**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN (Continued) **S100663921**

LUST:

Facility ID:	9106667	Spill Date:	09/16/1991
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	JET FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	DEC
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	Yes		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN INC** LUST **S100664811**
PLANT #3 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9207766	Spill Date:	10/05/1992
First notified:	REGIONAL OFFICE	Material class:	HAZARDOUS MATERIAL
Material spilled:	Not Reported	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	DECANDIA
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN** LUST **S100169240**
BLDG #15 **N/A**
BETHPAGE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN (Continued) **S100169240**

LUST:

Facility ID:	8901729	Spill Date:	05/19/1989
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	UNKNOWN	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/26/1990
Initiated clean up:	Not reported	Close Date:	10/26/1990
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN** **LUST** **S100664825**
MULBERRY STREET BLDG 12 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9208152	Spill Date:	10/14/1992
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	3.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/26/1992
Initiated clean up:	Not reported	Close Date:	10/26/1992
Last Inspection:	Not reported	Investigator:	KISPERT
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN** **LUST** **S100664347**
PLANT #3 **N/A**
BETHPAGE, NY

Map ID / Direction / Distance	Site	Database(s)	EDR ID Number / EPA ID Number

GRUMMAN (Continued) **S100664347**

LUST:

Facility ID:	9109773	Spill Date:	12/13/1991
First notified:	REGIONAL OFFICE	Material class:	HAZARDOUS MATERIAL
Material spilled:	Not Reported	Release QTY:	10.00 POUNDS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	12/18/1991
Initiated clean up:	Not reported	Close Date:	12/18/1991
Last Inspection:	Not reported	Investigator:	KISPERT
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN** **LUST** **S100666487**
WAREHOUSE #8 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9006322	Spill Date:	09/07/1990
First notified:	REGIONAL OFFICE	Material class:	HAZARDOUS MATERIAL
Material spilled:	Not Reported	Release QTY:	15.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/10/1990
Initiated clean up:	Not reported	Close Date:	10/10/1990
Last Inspection:	Not reported	Investigator:	DEROSA
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN CORP** **LUST** **S101658229**
STEWART AVE - WHSE #8 **N/A**
BETHPAGE, NY

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

GRUMMAN CORP (Continued) **S101658229**

LUST:

Facility ID:	9506898	Spill Date:	09/06/1995
First notified:	ANSWERING SERVICE	Material class:	HAZARDOUS MATERIAL
Material spilled:	Not Reported	Release QTY:	36.00 GALLONS
Water body affected:	Not reported	Origin:	MAJOR FACILITY 400,000 GAL
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	NO ACTION TAKEN	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	PARISH
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN** **LUST** **S100174734**
BLDG #3 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9100456	Spill Date:	04/11/1991
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	DIESEL	Release QTY:	20.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	06/10/1994
Initiated clean up:	Not reported	Close Date:	06/10/1994
Last Inspection:	Not reported	Investigator:	KISPERT
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN** **LUST** **S100177076**
GRUMMAN PLANT #17 **N/A**
BETHPAGE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN (Continued) **S100177076**

LUST:

Facility ID:	9105709	Spill Date:	08/26/1991
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	02/27/1995
Initiated clean up:	Not reported	Close Date:	02/27/1995
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN** **LUST** **S101276355**
STEWART AVENUE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9302538	Spill Date:	05/25/1993
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/27/1993
Initiated clean up:	Not reported	Close Date:	07/27/1993
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Facility ID:	9302825	Spill Date:	06/02/1993
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	RMS
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

65 **NORTHROP GRUMMAN** **LUST** **S101340024**
PLANT #15 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9410499	Spill Date:	11/07/1994
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	AUSTIN
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **NORTHROP GRUMMAN** **LUST** **S101658189**
STEWART AVENUE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9506041	Spill Date:	08/16/1995
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN AEROSPACE CORP** **FINDS** **1000300851**
NEW SOUTH ROAD **RCRIS-LQG** **NYD981182249**
BETHPAGE, NY 11714

RCRIS:
Owner: GRUMMAN AEROSPACE CORP
(212) 555-1212

Contact: JOHN OHLMANN
(516) 575-2385

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	D002	.00000 (N)	Notification
F001	.00000 (N)	Notification	F002	.00000 (N)	Notification
F005	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
65	**GRUMMAN AEROSPACE CORPORATION** **MAIL STOP:D08-GHQ** **BETHPAGE, NY 11714**	**AST**	**U001853042** **N/A**

CBS AST:

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	10	Total AST's:	13
Tank Status:	CLOSED-IN PLACE		
Tank Location:	ABOVEGROUND		
Install Date:	12/70	Capacity (Gal):	4000
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	NONE		
Pipe Type:	GALVANIZED STEEL	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	NONE	Haz Percent:	100
Leak Detection:	NONE		
Overfill Protection:	Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	11/93	Data File:	Not reported
Case Number:	79016		

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	313	Total AST's:	13
Tank Status:	IN SERVICE		
Tank Location:	ABOVEGROUND		
Install Date:	12/84	Capacity (Gal):	5000
Tank Type:	Stainless steel alloy	Product Stored:	LEADED GASOLINE
Extrnl Protection:	JACKETED		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	FIBERGLASS [FRP]	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	NONE		
Pipe Containment:	VAULT	Haz Percent:	93
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	8014957		

GRUMMAN AEROSPACE CORPORATION (Continued) **U001853042**

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	320	Total AST's:	13
Tank Status:	IN SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	12/84	Capacity (Gal):	7000
Tank Type:	Other	Product Stored:	LEADED GASOLINE
Extrnl Protection:	NONE		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	FIBERGLASS [FRP]	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	JACKETED		
Pipe Containment:	VAULT	Haz Percent:	50
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	7722841		

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	329	Total AST's:	13
Tank Status:	IN SERVICE		
Tank Location:	ABOVEGROUND		
Install Date:	12/84	Capacity (Gal):	8000
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	LEADED GASOLINE
Extrnl Protection:	FIBERGLASS		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	FIBERGLASS [FRP]	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	JACKETED		
Pipe Containment:	VAULT	Haz Percent:	50
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	1310732		

GRUMMAN AEROSPACE CORPORATION (Continued) **U001853042**

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	399	Total AST's:	13
Tank Status:	TEMPORARILY OUT OF SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	09/80	Capacity (Gal):	4418
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	LEADED GASOLINE
Extrnl Protection:	NONE		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	VAULT	Haz Percent:	50
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	1310732		

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	400	Total AST's:	13
Tank Status:	TEMPORARILY OUT OF SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	09/80	Capacity (Gal):	4418
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	LEADED GASOLINE
Extrnl Protection:	NONE		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	VAULT	Haz Percent:	50
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	1310732		

GRUMMAN AEROSPACE CORPORATION (Continued) **U001853042**

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	941	Total AST's:	13
Tank Status:	TEMPORARILY OUT OF SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	12/62	Capacity (Gal):	500
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	FIBERGLASS [FRP]	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	NONE		
Pipe Containment:	VAULT	Haz Percent:	100
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	71556		

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	1207	Total AST's:	13
Tank Status:	TEMPORARILY OUT OF SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	09/83	Capacity (Gal):	10000
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	IMPERVIOUS UNDERLAYMENT	Haz Percent:	100
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	127184		

GRUMMAN AEROSPACE CORPORATION (Continued) **U001853042**

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	1254	Total AST's:	13
Tank Status:	TEMPORARILY OUT OF SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	12/85	Capacity (Gal):	6000
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	IMPERVIOUS UNDERLAYMENT	Haz Percent:	100
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	67561		

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	1303	Total AST's:	13
Tank Status:	CLOSED-REMOVED		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	12/88	Capacity (Gal):	600
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	NONE		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	NONE	Haz Percent:	100
Leak Detection:	NONE		
Overfill Protection:	Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	04/94	Data File:	Not reported
Case Number:	79016		

GRUMMAN AEROSPACE CORPORATION (Continued) **U001853042**

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	1271	Total AST's:	13
Tank Status:	TEMPORARILY OUT OF SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	09/87	Capacity (Gal):	10000
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	IMPERVIOUS UNDERLAYMENT	Haz Percent:	100
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	79016		

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	1304	Total AST's:	13
Tank Status:	IN SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	12/69	Capacity (Gal):	500
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	NONE		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	NONE	Haz Percent:	100
Leak Detection:	NONE		
Overfill Protection:	Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	7664417		

GRUMMAN AEROSPACE CORPORATION (Continued) **U001853042**

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	7002	Total AST's:	13
Tank Status:	TEMPORARILY OUT OF SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	12/60	Capacity (Gal):	4800
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	NONE		
Pipe Type:	FIBERGLASS [FRP]	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	NONE	Haz Percent:	100
Leak Detection:	NONE		
Overfill Protection:	Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	76131		

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66 **FESTANTE RESIDENCE** **LUST** **S100491053**
82 SYCAMORE AVENUE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9201264	Spill Date:	04/24/1992
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	5.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	NO ACTION TAKEN	Date Cleaned:	06/24/1992
Initiated clean up:	Not reported	Close Date:	06/24/1992
Last Inspection:	Not reported	Investigator:	LUCE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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67 **FAME TRUCKING INC** **RCRIS-SQG** **1000199036**
246 8 TH ST **FINDS** **NYD980646038**
BETHPAGE, NY 11714

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68 **SIMON D'SOUZA RESIDENCE** **LUST** **S101103105**
22 HUNTER ST **N/A**
HICKSVILLE, NY

SIMON D'SOUZA RESIDENCE (Continued) **S101103105**

LUST:

Facility ID:	9402184	Spill Date:	05/13/1993
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	CITIZEN
Basin of spill:	1700	Project ID:	0
Cleaner:	NO ACTION TAKEN	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	DECANDIA
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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69 **NASSAU BLUE FLAME INC** **AST** **A100043234**
3 WASHINGTON PKY **N/A**
HICKSVILLE, NY

Nassau County AST:

Facility ID:	056214	Tank ID:	0001
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	OTHER		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, FUEL #2		
Leak Detect:	NONE	Containment:	OTHER
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0584
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	056214	Tank ID:	0002
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	OTHER		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	NONE	Containment:	OTHER
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0584
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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69 **BLUE FLAME** **LUST** **S100149723**
3 WASHINGTON PKY **N/A**
HICKSVILLE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

BLUE FLAME (Continued) **S100149723**

LUST:

Facility ID:	8704453	Spill Date:	08/28/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	17	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	12/24/1990
Initiated clean up:	Not reported	Close Date:	12/24/1990
Last Inspection:	Not reported	Investigator:	ACAMPORA
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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70 **BERTAN ASSOCIATES** LUST S101671532
121 NEW SOUTH RD N/A
HICKSVILLE, NY

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70 **MEENAN OIL** LUST S100174684
121 NEW SOUTH RD N/A
HICKSVILLE, NY

LUST:

Facility ID:	9100043	Spill Date:	04/01/1991
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	10.00 GALLONS
Water body affected:	Not reported	Origin:	TANK TRUCK
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	04/05/1991
Initiated clean up:	Not reported	Close Date:	04/05/1991
Last Inspection:	Not reported	Investigator:	ACAMPORA
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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70 **BERTAN ASSOCIATES INC** FINDS 1000396046
121 NEW SOUTH ROAD RCRIS-LQG NYD980776405
HICKSVILLE, NY 11801

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

BERTAN ASSOCIATES INC (Continued) 1000396046

RCRIS:
Owner: Not reported

Contact: CHECK WALTER
(516) 433-3110

Waste	Quantity	Info Source	Waste	Quantity	Info Source
U159	.00000 (N)	Notification	U226	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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70 **SERVO CORPORATION OF AMERICA** CERCLIS 1000433406
111 NEW SOUTH ROAD FINDS NYD002418911
HICKSVILLE, NY 11801 RCRIS-LQG

CERCLIS Classification Data:
Site Incident Category: Not reported
Ownership Status: OTHER
EPA Notes: Not reported
Federal Facility: NO
NPL Status: NOT ON NPL

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	04/10/1980
Assessment:	PRELIMINARY ASSESSMENT	Completed:	01/15/1987
Assessment:	SCREENING SITE INSPECTION	Completed:	06/26/1991

CERCLIS Site Status:
This site is currently under investigation by the government to assess the extent of further action

RCRIS:
Owner: BLACKSTONE HENRY
(212) 555-1212

Contact: JOHN WILLENBROCK
(516) 938-9700

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D002	.00000 (N)	Notification	F002	.00000 (N)	Notification
F017	.00000 (N)	Notification	K050	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

There are 1 compliance/violation record(s) reported at this site:

Evaluation	Date	Violations
COMPLIANCE EVALUATION INSPECTION (CEI)	22-AUG-86	YES

Other Pertinent Environmental Activity Identified at Site:
facility has active water discharge permits

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70 **LONG ISLAND DEVELOPMENT** LUST S100667459
101 NEW SOUTH RD N/A
HICKSVILLE, NY

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

LONG ISLAND DEVELOPMENT (Continued) **S100667459**

LUST:

Facility ID:	9108645	Spill Date:	11/13/1991
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	11/18/1991
Initiated clean up:	Not reported	Close Date:	11/18/1991
Last Inspection:	Not reported	Investigator:	NCDH
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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71 **CORAL GRAPHIC SERVICES INC** FINDS 1001010739
840 S BROADWAY NY0001173137
HICKSVILLE, NY 11801

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71 **CORAL GRAPHIC SERVICES INC** RCRIS-LQG 1000990164
840 S BROADWAY NYR000001230
HICKSVILLE, NY 11801

RCRIS:
Owner: FC PROPERTIES INC
(516) 576-2100

Contact: Not reported

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D007	.00000 (N)	Notification	D010	.00000 (N)	Notification
D011	.00000 (N)	Notification	D027	.00000 (N)	Notification
F001	.00000 (N)	Notification	F002	.00000 (N)	Notification
F003	.00000 (N)	Notification	F005	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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72 **BETHPAGE TRANSMISSION** FINDS 1000243979
870 BROADWAY RCRIS-LQG NYD012728010
HICKSVILLE, NY 11801

RCRIS:
Owner: NICK & STEVEN FERRARO
(212) 555-1212

Contact: BARRY PIVNICK
(516) 681-5210

Waste	Quantity	Info Source
U220	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
72	**FIRESTONE SAVMOR AUTO SVC.** **870 SO. BROADWAY** **HICKSVILLE, NY 11801**	**FINDS** **RCRIS-LQG**	**1000222624** **NYD981489826**

RCRIS:
Owner: RAY VILLAFANNA
(212) 555-1212

Contact: JOHN COVERAS
(516) 822-2857

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D008	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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72	**A. ERNIES AUTO BODY INC.** **870 SOUTH BROADWAY** **HICKSVILLE, NY 11801**	**RCRIS-SQG** **FINDS**	**1000217113** **NYD050594878**

RCRIS:
Owner: ERNEST DEMARCO
(212) 555-1212

Contact: JOSEPH ZARRILLO
(516) 938-2929

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	F003	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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72	**TRUE AUTO RESTORATIONS INC** **870 S BROADWAY - E SECTION** **HICKSVILLE, NY 11801**	**RCRIS-SQG** **FINDS**	**1000553680** **NYD986961076**

RCRIS:
Owner: BOB MISTRETTA
(212) 555-1212

Contact: BOB MISTRETTA
(516) 822-1042

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	D035	.00000 (N)	Notification
F003	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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73	**ERM NORTHEAST** **335 NEW SOUTH RD** **HICKSVILLE, NY**	**LUST**	**S100494026** **N/A**

Map ID / Direction / Distance	Site	Database(s)	EDR ID Number / EPA ID Number

ERM NORTHEAST (Continued) — **S100494026**

LUST:

Facility ID:	9206957	Spill Date:	09/16/1992
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	12/08/1993
Initiated clean up:	Not reported	Close Date:	12/08/1993
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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73 **VOIGT PROPERTY** — **FINDS** **1000912299**
335 NEW SOUTH RD — **RCRIS-LQG** **NY0000588467**
HICKSVILLE, NY 11801

RCRIS:
Owner: VOIGT RELTY CO
(516) 673-0037

Contact: AL VALERIO
(516) 673-0037

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D008	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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73 **VACANT BUILDING** — **AST** **A100043272**
335 NEW SOUTH RD — **N/A**
HICKSVILLE, NY

Nassau County AST:

Facility ID:	056415	Tank ID:	0002
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	4000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, FUEL #2		
Leak Detect:	ELECTRONIC	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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73 **COMMERCIAL BLDG. #2** — **AST** **A100043125**
327 NEW SOUTH RD — **N/A**
HICKSVILLE, NY

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

COMMERCIAL BLDG. #2 (Continued) — **A100043125**

Nassau County AST:

Facility ID:	055747	Tank ID:	0002
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	1500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Galvanized Steel	Material Type:	Fresh/Product
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	DOUBLE WALL TANK
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	1093
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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73 **CENTURY COLLISION, INC.** — **RCRIS-SQG** **1000422539**
321 NEW SOUTH ROAD — **FINDS** **NYD054994280**
HICKSVILLE, NY 11801

RCRIS:
Owner: Not reported

Contact: JERRY KELAHER
(516) 433-6290

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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73 **VARIETY PETROL (P&G FUEL)** — **LUST** **S101508024**
317 NEW SOUTH RD — **N/A**
HICKSVILLE, NY

LUST:

Facility ID:	9414903	Spill Date:	02/13/1995
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	20.00 GALLONS
Water body affected:	Not reported	Origin:	TANK TRUCK
Resource affected:	ON LAND	Notifier:	FIRE DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	ACAMPORA
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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74 **JOHN GRACE & CO** — **FINDS** **1000789191**
34 WASHINGTON PKWY — **NYD986999365**
HICKSVILLE, NY 11801

Other Pertinent Environmental Activity Identified at Site:
civil judicial and administrative enforcement cases against facility

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
75	**BLUE FLAME** **17 HAZEL ST** **HICKSVILLE, NY 11801**	**FINDS** **RCRIS-LQG**	**1000196683** **NYD981561004**

RCRIS:
Owner: BLUE FLAME - THOMAS DUNN
(212) 555-1212

Contact: STEPHEN TYREE
(516) 249-3150

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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76	**NATIONAL METAL SPRAYING** **40 JEFRY LN** **HICKSVILLE, NY 11801**	**RCRIS-SQG** **FINDS**	**1000259721** **NYD002049658**

Other Pertinent Environmental Activity Identified at Site:
facility has an emission permit under the Clean Air Act

77	**DC FEMIA AUTO COLLISION** **44 WASHINGTON PKWY** **HICKSVILLE, NY 11801**	**RCRIS-SQG** **FINDS**	**1000228180** **NYD982180606**

RCRIS:
Owner: UNKNOWN
(212) 555-1212

Contact: SAL FEMIA
(516) 681-6660

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
F003	.00000 (N)	Notification	F005	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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78	**TBG COGEN PARTNERS** **939 SOUTH BROADWAY** **HICKSVILLE, NY 11801**	**AST**	**U001853006** **N/A**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

TBG COGEN PARTNERS (Continued) **U001853006**

CBS AST:

Facility ID:	1-000129	Telephone:	(516) 349-8340
Owner:	TBG COGEN PARTNERS 939 SOUTH BROADWAY HICKSVILLE, NY 11801-5032 (516) 349-8340		
Facility Status:	Active		
Tank ID:	11	Total AST's:	2
Tank Status:	IN SERVICE		
Tank Location:	ABOVEGROUND		
Install Date:	05/89	Capacity (Gal):	2000
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	VAULT	Haz Percent:	93
Leak Detection:	OTHER		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	1310732		

Facility ID:	1-000129	Telephone:	(516) 349-8340
Owner:	TBG COGEN PARTNERS 939 SOUTH BROADWAY HICKSVILLE, NY 11801-5032 (516) 349-8340		
Facility Status:	Active		
Tank ID:	12	Total AST's:	2
Tank Status:	IN SERVICE		
Tank Location:	ABOVEGROUND		
Install Date:	05/89	Capacity (Gal):	2000
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	JACKETED		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	VAULT	Haz Percent:	50
Leak Detection:	OTHER		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	7664939		

78 **TBG COGEN PARTNERS** **AST** **A100042589**
939 S BROADWAY **N/A**
HICKSVILLE, NY

TBG COGEN PARTNERS (Continued) **A100042589**

Nassau County AST:

Facility ID:	001217	Tank ID:	0011
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	2000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0492
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	001217	Tank ID:	0012
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	2000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SULPHURIC ACID		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0492
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	001217	Tank ID:	0051
Tank Location:	Indoors, Aboveground	Capacity (Gal):	400
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	ERYTHORBIC ACID		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0492
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	001217	Tank ID:	0052
Tank Location:	Indoors, Aboveground	Capacity (Gal):	75
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0492
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

TBG COGEN PARTNERS (Continued) **A100042589**

Facility ID:	001217	Tank ID:	0053
Tank Location:	Indoors, Aboveground	Capacity (Gal):	75
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM TRIPOLYPHOSPHATE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0492
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	001217	Tank ID:	0054
Tank Location:	Indoors, Aboveground	Capacity (Gal):	75
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM TRIPOLYPHOSPHATE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0492
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	001217	Tank ID:	0055
Tank Location:	Indoors, Aboveground	Capacity (Gal):	100
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0492
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	001217	Tank ID:	0073
Tank Location:	Indoors, Aboveground	Capacity (Gal):	300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	PCB CONTAMINATED MATERIALS		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0594
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

78 **T B G COGEN PARTNERS** **PADS** **1000791459**
939 S BROADWAY **RCRIS-SQG** **NYD987029691**
HICKSVILLE, NY 11801 **FINDS**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
	T B G COGEN PARTNERS (Continued)		**1000791459**

RCRIS:
Owner: TBG COGEN PARTNERS
(516) 349-8340
Contact: ANTHONY LIGATO
(516) 349-8340

Waste	Quantity	Info Source
X001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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78	**TBG COGEN PARTNERS** **939 S BROADWAY** **HICKSVILLE, NY 11801**	**AST**	**U002261527** **N/A**

79	**PHOTO WORKS** **25 BLUMINGDALE ROAD** **HICKSVILLE, NY 11801**	**FINDS** **RCRIS-LQG**	**1000415373** **NYD981488240**

RCRIS:
Owner: MORRIS NESSIN
(212) 555-1212
Contact: MORRIS NESSIN
(516) 933-6110

Waste	Quantity	Info Source
D000	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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80	**C & D TYPE SETTERS INC** **960 SOUTH BROADWAY** **HICKSVILLE, NY 11801**	**FINDS** **RCRIS-LQG**	**1000110027** **NYD982186983**

RCRIS:
Owner: CHARLES SARGENT
(212) 555-1212
Contact: CHARLES SARGENT
(516) 822-8514

Waste	Quantity	Info Source
D000	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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81	**YALE RADIATOR & AUTO REPAIR** **37 BLOOMINGDALE RD** **HICKSVILLE, NY 11801**	**RCRIS-SQG** **FINDS**	**1000198265** **NYD168346880**

82	**AVIS CAR RENTAL** **980 SOUTH BROADWAY** **BETHPAGE, NY**	**LUST**	**S100147547** **N/A**

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

AVIS CAR RENTAL (Continued) **S100147547**

LUST:

Facility ID:	8809010	Spill Date:	02/19/1989
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	15.00 GALLONS
Water body affected:	Not reported	Origin:	PASSENGER VEHICLE
Resource affected:	ON LAND	Notifier:	FIRE DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	02/21/1989
Initiated clean up:	Not reported	Close Date:	02/21/1989
Last Inspection:	Not reported	Investigator:	NCFM
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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83 **AL ANDRIANO RESIDENCE** **LUST** **S100492507**
159 12TH STREET **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9213083	Spill Date:	02/23/1993
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	02/24/1993
Initiated clean up:	Not reported	Close Date:	02/24/1993
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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84 **TEXACO U.S.A.-A DIV. OF TEXACO INC.** **FINDS** **1000144460**
1000 SOUTH BROADWAY **RCRIS-LQG** **NYD000694448**
HICKSVILLE, NY 11801

RCRIS:
Owner: TEXACO U.S.A.
(609) 667-3800

Contact: H E PHILLIPS
(609) 667-3800

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D002	.00000 (N)	Notification	D008	.00000 (N)	Notification
D001	3.26500 (M)	Part A	D008	.00100 (P)	Part A

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
85	**BRADCO SUPPLY CORP.** **85 BLOOMINGDALE RD** **HICKSVILLE, NY**	**UST** **AST**	**U001446670** **N/A**

Nassau County UST:

Facility ID:	054058	Tank ID:	0002
Tank Location:	Indoors, Belowground	Capacity:	00004000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Other	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	OIL, FUEL #2		
Leak Detect:	ELECTRONIC	Containment:	Double Wall Tank
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	1089
Total Tanks:	1		

Nassau County AST:

Facility ID:	054058	Tank ID:	0009
Tank Location:	Indoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	OIL, FUEL #2		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	1255
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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86	**NYNEX VEHICLE** **SHERMAN AVE/SO 6TH STREET** **BETHPAGE, NY**	**LUST**	**S101102415** **N/A**

LUST:

Facility ID:	9314784	Spill Date:	03/17/1994
First notified:	C	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM VEHICLE
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	03/18/1994
Initiated clean up:	Not reported	Close Date:	03/18/1994
Last Inspection:	Not reported	Investigator:	GIBBONS
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

87	**JAMOCO HEATING & COOLING CORP** **105 BLOOMINGDALE RD** **HICKSVILLE, NY 11801**	**RCRIS-SQG**	**1000990295** **NYR000002543**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

JAMOCO HEATING & COOLING CORP (Continued) 1000990295

RCRIS:
Owner: JAMOCO HEATING & COOLING CORP
(516) 681-4400

Contact: Not reported

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	D002	.00000 (N)	Notification
D003	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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87 **JAMOCO HEATING & COOLING CORP** FINDS 1001010741
105 BLOOMINGDALE RD NY0001173160
HICKSVILLE, NY 11801

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88 **JAMES BELL RESIDENCE** LUST S101657999
127 SOUTH 1ST ST N/A
BETHPAGE, NY

LUST:

Facility ID:	9500753	Spill Date:	04/19/1995
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	06/28/1995
Initiated clean up:	Not reported	Close Date:	06/28/1995
Last Inspection:	Not reported	Investigator:	AUSTIN
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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89 **CASCADE WATER SERVICE., INC** FINDS 1000961763
113 BLOOMINGDALE RD NY0000640433
HICKSVILLE, NY 11801

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90 **SUNOCO SVC STA** FINDS 1000328704
125 BLOOMINGDALE RD RCRIS-LQG NYD000698746
HICKSVILLE, NY 11801

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

SUNOCO SVC STA (Continued) **1000328704**

RCRIS:
Owner: PIONEER GENERAL STORE INC
(212) 555-1212
Contact: GENERAL PIONEER
(212) 555-1212

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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91 **DYNAMIC PAINTING CORP** **RCRIS-SQG** **1000790409**
7 WILLIS CT **FINDS** **NYD987018934**
HICKSVILLE, NY 11801

RCRIS:
Owner: OTNICAJ 7 REALTY CORP
(212) 555-1212
Contact: GLEN JACINTO
(516) 681-6696

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

There are 1 compliance/violation record(s) reported at this site:

Evaluation	Date	Violations
COMPLIANCE EVALUATION INSPECTION (CEI)	15-AUG-93	YES

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92 **AMERICAN LITHOTECH** **FINDS** **1000358734**
631 HICKSVILLE ROAD **RCRIS-LQG** **NYD981489453**
BETHPAGE, NY 11714

RCRIS:
Owner: AMERICAN LITHOTECH, INC.
(212) 555-1212
Contact: DAVID LURIE
(516) 931-6300

Waste	Quantity	Info Source
D000	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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93 **RENAISSANCE DESIGN & BUILDING INC** **RCRIS-SQG** **1000871522**
91 ENGINEERS DR **FINDS** **NY0000062687**
HICKSVILLE, NY 11801

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

RENAISSANCE DESIGN & BUILDING INC (Continued) **1000871522**

RCRIS:
Owner: J DEALBUQUERQUE & D MAYER
(516) 932-8501

Contact: DIANA SHERRARD
(516) 932-8501

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	D035	.00000 (N)	Notification
F003	.00000 (N)	Notification	F005	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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94 **HICKSVILLE POST OFFICE** **FINDS** **1000272871**
260 ENGINEERS DR **RCRIS-LQG** **NY9180090020**
HICKSVILLE, NY 11802

RCRIS:
Owner: Not reported

Contact: JOHN DOLAN
(516) 933-2343

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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95 **BOCES NASSAU TECH BETHPAGE AV** **RCRIS-SQG** **1000221239**
610 HICKSVILLE RD **FINDS** **NYD136581915**
BETHPAGE, NY 11714

RCRIS:
Owner: GRUMMAN BETHPAGE CENTER
(212) 555-1212

Contact: JOHN GOLDEN
(516) 576-9180

Waste	Quantity	Info Source	Waste	Quantity	Info Source
NONE	.00000 (N)	Notification	NONE	.00000 (N)	EPA Inspection

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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96 **ERIKSEN AUTO OWNER** **LUST** **S100665688**
588 STEWART AVENUE **N/A**
BETHPAGE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

ERIKSEN AUTO OWNER (Continued) **S100665688**

LUST:

Facility ID:	8808488	Spill Date:	01/25/1989
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	5.00 GALLONS
Water body affected:	Not reported	Origin:	PASSENGER VEHICLE
Resource affected:	ON LAND	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	99226
Cleaner:	DEC - PIN PROJECT	Date Cleaned:	01/26/1989
Initiated clean up:	Not reported	Close Date:	04/02/1991
Last Inspection:	Not reported	Investigator:	NCFM
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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96 **SON-LEW LAUNDRY CTR INC** **RCRIS-SQG** **1000139057**
596 STEWART AVE **FINDS** **NYD982538621**
BETHPAGE, NY 11714

RCRIS:
Owner: SON LEW LAUNDRY CENTER INC
(212) 555-1212

Contact: BLANCHE STALTARE
(516) 931-9636

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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97 **ABSOLUTE PHOTO INC** **RCRIS-LQG** **1000334058**
184 QUALITY PLAZA **NYD982743965**
HICKSVILLE, NY 11801

RCRIS:
Owner: JOSPEH GIAMPAPA
(212) 555-1212

Contact: JOSEPH GIAMPAPA
(516) 822-5400

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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97 **ABSOLUTE GRAPHICS INC** **RCRIS-SQG** **1000334057**
184 QUALITY PLAZA **FINDS** **NYD982743304**
HICKSVILLE, NY 11801

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

ABSOLUTE GRAPHICS INC (Continued) **1000334057**

RCRIS:
Owner: JOHN MORGAN
(212) 555-1212

Contact: JOHN MORGAN
(516) 939-0250

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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98 **J.C. PRECISION AUTOMOTIVE** **AST** **A100043081**
590 HICKSVILLE RD **N/A**
BETHPAGE, NY

Nassau County AST:

Facility ID:	055570	Tank ID:	0002
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Unknown		
Ext Protection:	UNKNOWN		
Piping Type:	Other	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1284
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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99 **PHOENIX LABORATORIES INC** **RCRIS-SQG** **1000207954**
175 LAUMAN LANE **FINDS** **NYD003998259**
HICKSVILLE, NY 11801

Other Pertinent Environmental Activity Identified at Site:
facility has an emission permit under the Clean Air Act

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99 **PROGRESSIVE CIRCUITS INC** **RCRIS-SQG** **1000236610**
180-R LAUMAN LN **FINDS** **NYD986891521**
HICKSVILLE, NY 11801

RCRIS:
Owner: ZT ZS CORP
(212) 555-1212

Contact: JYOTI MEHTA
(516) 938-4456

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D002	.00000 (N)	Notification	F006	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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100 **SLOMINS OIL CO** **LUST** **S100174751**
125 LAUMAN LN **N/A**
HICKSVILLE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

SLOMINS OIL CO (Continued) **S100174751**

LUST:

Facility ID:	9100704	Spill Date:	04/17/1991
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	03/02/1992
Initiated clean up:	Not reported	Close Date:	03/02/1992
Last Inspection:	Not reported	Investigator:	DEROSA
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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100 **SLOMINS INC** **FINDS** **1000300093**
125 LAUMAN LANE **RCRIS-LQG** **NYD012869145**
HICKSVILLE, NY 11801 **UST**
LUST

LUST:

Facility ID:	8910541	Spill Date:	02/05/1990
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	5.00 GALLONS
Water body affected:	Not reported	Origin:	TANK TRUCK
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	02/05/1990
Initiated clean up:	Not reported	Close Date:	02/05/1990
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Nassau County UST:

Facility ID:	055883	Tank ID:	0004
Tank Location:	Indoors, Belowground	Capacity:	00002000
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Galvanized Steel	Material Type:	Waste
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	WASTE OIL		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0685
Total Tanks:	3		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

SLOMINS INC (Continued) 1000300093

Facility ID:	055883	Tank ID:	0005
Tank Location:	Indoors, Belowground	Capacity:	00001000
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Galvanized Steel	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Gravity	Install Date:	0685
Total Tanks:	3		

Facility ID:	055883	Tank ID:	0006
Tank Location:	Indoors, Belowground	Capacity:	00001000
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Galvanized Steel	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Gravity	Install Date:	0685
Total Tanks:	3		

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101 **GRECO BROS. BULK TERMINAL** AST U001853917
LAUMAN LA & HICKSVILLE RD. N/A
HICKSVILLE, NY 11714

MOSF AST:

Facility ID:	1-3100	Telephone:	(516) 681-1515
Facility Status:	ACTIVE FACILITY		
Owner:	GRECO BROS. FUEL CORP. P.O. BOX 208 239 BROADWAY BETHPAGE, NY 11714-		
Owner Tel:	(516) 938-5200		
Tank ID:	001	Tank Status:	IN SERVICE
Tank Location:	ABOVEGROUND		
Install Date:	10/55	Capacity (Gal):	500000
Tank Type:	Steel/carbon steel		
Product:	NOS 1,2, OR 4 FUEL OIL	Tank Internal:	EPOXY LINER
Tank External:	SACRIFICIAL ANODE		
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	NONE	Dispenser:	Suction
Pipe External:	NONE		
Second Contain:	CONCRETE DIKE/IMPERVIOUS UNDERLAYMENT		
Leak Detection:	GROUNDWATER WELL		
Overfill Protection:	High Level Alarm		
Test Date:	10/86	Date Closed:	Not reported
Dispensing Mthd:	Suction		
Data File:	Not reported		

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102 **BETHPAGE PUBLIC LIBRARY** LUST S100492543
47 POWELL AVE N/A
BETHPAGE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

BETHPAGE PUBLIC LIBRARY (Continued) **S100492543**

LUST:

Facility ID:	9213367	Spill Date:	03/03/1993
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	08/11/1993
Initiated clean up:	Not reported	Close Date:	08/11/1993
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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102 **BETHPAGE PUBLIC LIBRARY** **LUST** **S100149020**
POWELL AVENUE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	8704151	Spill Date:	08/19/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/03/1988
Initiated clean up:	Not reported	Close Date:	10/03/1988
Last Inspection:	Not reported	Investigator:	O'NEILL
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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103 **BETHPAGE BEST CLEANERS** **RCRIS-SQG** **1000243983**
360 BROADWAY **FINDS** **NYD981086085**
BETHPAGE, NY 11714

RCRIS:

Owner: YOO HANG JEON
(516) 935-3333

Contact: YOO HANG JEON
(516) 935-3333

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
104	**BETHPAGE SERVICE STATION** **515 STEWART AVE** **BETHPAGE, NY**	**UST**	**U001855327** **N/A**

Nassau County UST:

Facility ID:	056695	Tank ID:	0004
Tank Location:	Indoors, Belowground	Capacity:	00001000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Galvanized Steel	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0281
Total Tanks:	2		

Facility ID:	056695	Tank ID:	0005
Tank Location:	Indoors, Belowground	Capacity:	00000500
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Galvanized Steel	Material Type:	Waste
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	WASTE OIL		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0281
Total Tanks:	2		

105	**UNK** **3529 CORTNEY LANE** **BETHPAGE, NY**	**LUST**	**S100173586** **N/A**

LUST:

Facility ID:	9003089	Spill Date:	06/14/1990
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	AFFECTED PERSONS
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	12/17/1990
Initiated clean up:	Not reported	Close Date:	12/17/1990
Last Inspection:	Not reported	Investigator:	HOFMANN
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

106	**SUNOCO** **489 STEWART AVENUE** **BETHPAGE, NY**	**LUST**	**S100169300** **N/A**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

SUNOCO (Continued) S100169300

LUST:

Facility ID:	8902244	Spill Date:	06/02/1989
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	ON LAND	Notifier:	DEC
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	06/09/1989
Initiated clean up:	Not reported	Close Date:	06/09/1989
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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106 **S & S SUNOCO SERVICE** FINDS 1000328751
489 STEWART AVE RCRIS-LQG NYD000701599
BETHPAGE, NY 11714

RCRIS:
Owner: LVF CONT
(212) 555-1212
Contact: L MANZO
(516) 931-9244

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Other Pertinent Environmental Activity Identified at Site:
civil judicial and administrative enforcement cases against facility

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106 **PAGE SERVICE STATION** AST A100043090
497 STEWART AVE N/A
BETHPAGE, NY

Nassau County AST:

Facility ID:	055611	Tank ID:	0002
Tank Location:	Indoors, Aboveground	Capacity (Gal):	250
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1255
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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107 **EASTERN EXTERMINATING CO INC** FINDS 1000402157
326 BROADWAY RCRIS-LQG NYD049202088
BETHPAGE, NY 11714

EASTERN EXTERMINATING CO INC (Continued) 1000402157

RCRIS:
Owner: Not reported

Contact: CHARLES KEATING
(517) 735-4142

Waste	Quantity	Info Source
P122	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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107 **UNK** LUST S100491423
339 BROADWAY / WASHINGTON N/A
BETHPAGE, NY

LUST:

Facility ID:	9204651	Spill Date:	07/22/1992
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	10.00 GALLONS
Water body affected:	Not reported	Origin:	TANK TRUCK
Resource affected:	ON LAND	Notifier:	FIRE DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	09/20/1992
Initiated clean up:	Not reported	Close Date:	09/20/1992
Last Inspection:	Not reported	Investigator:	DECANDIA
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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108 **GIFFORD OIL** LUST S100173351
24 HUNTER LANE N/A
LEVITTOWN, NY

LUST:

Facility ID:	9000830	Spill Date:	04/23/1990
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	AFFECTED PERSONS
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	04/27/1990
Initiated clean up:	Not reported	Close Date:	04/27/1990
Last Inspection:	Not reported	Investigator:	ANDERSON
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
109	**BETHPAGE AUTO BODY** **309 BROADWAY** **BETHPAGE, NY 11714**	**FINDS** **RCRIS-LQG**	**1000243982** **NYD981085764**

RCRIS:
Owner: Not reported
Contact: IRWIN LAZARUS
(516) 822-5093

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
110	**ZIMMER RESIDENCE** **3609 FIDDLER LANE** **BETHPAGE, NY**	**LUST**	**S100148412** **N/A**

LUST:

Facility ID:	8912328	Spill Date:	03/26/1990
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	03/29/1990
Initiated clean up:	Not reported	Close Date:	03/29/1990
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
111	**TRANSMISSION TECHNICIANS** **305 BROADWAY** **BETHPAGE, NY 11714**	**RCRIS-SQG** **FINDS**	**1000791672** **NYD987031895**

RCRIS:
Owner: TRANSMISSION TECHNICIANS INC
(516) 938-8139
Contact: WALTER LAUT
(516) 938-8139

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
112	**LVF CONTRACTING** **STEWART AVE & LAFAYETTE AVE** **BETHPAGE, NY 11714**	**FINDS** **RCRIS-LQG**	**1000108433** **NYD982742934**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

LVF CONTRACTING (Continued) **1000108433**

RCRIS:
Owner: LVF CONTRACTING
(212) 555-1212

Contact: LENNY MANZO
(516) 546-3475

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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113 **KANOWSKY RESIDENCE** **LUST** **S100150512**
556 CENTRAL AVENUE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9000164	Spill Date:	04/01/1990
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	GROUNDWATER	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	90473
Cleaner:	DEC - PIN PROJECT	Date Cleaned:	01/28/1992
Initiated clean up:	Not reported	Close Date:	04/19/1993
Last Inspection:	Not reported	Investigator:	HAAS
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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114 **EAGAL NEST** **RCRIS-SQG** **1000553989**
500 CENTRAL AVE **FINDS** **NYD986964278**
BETHPAGE, NY 11714

RCRIS:
Owner: EAGELS NEST MOTOR SPORT INC
(516) 822-9494

Contact: JOSEPH PARISI
(516) 877-9494

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D008	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

EAGAL NEST (Continued) **1000553989**

There are 1 compliance/violation record(s) reported at this site:

Evaluation	Date	Violations
NON-FINANCIAL RECORD REVIEW (NRR)	01-APR-94	YES

114 **EAGLES NEST** **AST** **A100043255**
500 CENTRAL AVE **N/A**
BETHPAGE, NY

Nassau County AST:

Facility ID:	056330	Tank ID:	0002
Tank Location:	Indoors, Aboveground	Capacity (Gal):	250
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	OTHER		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, MOTOR		
Leak Detect:	OTHER	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1261
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
BETHPAGE	95275392				ERNS	
BETHPAGE	8705774	BARBEQUE WAREHOUSE			ERNS	
BETHPAGE	S100491639	NORTHVILLE GAS STATION	RTE 107 WANTAGH AVENUE	11714	LUST	9206489
BETHPAGE	1000178350	LILCO-LEVITTOWN SUBSTATION	RT 107 N/O HEMPSTEAD TPK	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000890357	NYSDOT BIN 1037899	RTE 135 OVER BROADWAY	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000890356	NYSDOT BIN 1037859	RTE 135 OVER BOUNDARY AVE	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000556026	NYSDOT BIN 1037860	RTE 135 UNDER CENTRAL AVE	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000556023	NYSDOT BIN 1037909	RTE 135 OVER HAYPATH RD	11714	FINDS, RCRIS-LQG	
BETHPAGE	S101657986	BETHPAGE STATE PARK	BETHPAGE STATE PARK	11714	LUST	8807183
BETHPAGE	S100149985	OGS/NYS	BETHPAGE STATE PARK	11714	LUST	8803698
BETHPAGE	S100664457	SEALIT	75 BLOOMINGDALE ROAD	11714	LUST	9113120
BETHPAGE	U002264560	JOHN F. KENNEDY J.H.S.	BROADWAY	11714	UST	
BETHPAGE	A100042904	BETHPAGE SCH.BUS GARAGE	BROADWAY	11714	AST	
BETHPAGE	A100042542	BETHPAGE W.D. PLANT 5	BROADWAY	11714	AST	
BETHPAGE	U002264561	CENTRAL BLVD SCHOOL	CENTRAL AVE.	11714	UST	
BETHPAGE	1000164786	SUNBRITE LAUNDROMAT & DRY CLEAN	4025 CHEMPSTEAD TNPK	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000243980	BETHPAGE U F S D	CHERRY AVE	11714	FINDS, RCRIS-LQG, LUST	8703585
BETHPAGE	U002096875	MERIT PLAINEDGE	4165 HEMPSTEAD TPKE	11714	UST	
BETHPAGE	U001854934	MOBIL S/S #17-K1Y	4180 HEMPSTEAD TPKE	11714	UST	041128
BETHPAGE	S101508890	OCEAN PETROLEUM	HEMPSTEAD TPKE / RTE 107	11714	LUST	9416174
BETHPAGE	S100151295	GAIL ROCK REALTY	4230 HEMPSTEAD TPKE	11714	LUST	9007407
BETHPAGE	1000872165	MID-ISLAND HOSPITAL INC	4295 HEMPSTEAD TNPK	11714	RCRIS-LQG	
BETHPAGE	1000791793	ISLAND TREES AUTOMOTIVE LTD	4190 HEMPSTEAD TNPK	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000554868	EXXON SVC STA 36959	3965 HEMPSTEAD TNPK	11714	RCRIS-SQG, FINDS	
BETHPAGE	1000553613	MOBIL OIL CORP SS #K1Y	4180 HEMPSTEAD TNPK	11714	RCRIS-SQG, FINDS	
BETHPAGE	1000457540	JIFFY LUBE	4000 HEMPSTEAD TNPK	11714	RCRIS-SQG, FINDS	
BETHPAGE	1000263758	MERIT OIL CORP	4165 HEMPSTEAD TPKE	11714	FINDS, RCRIS-LQG, LUST	8809104
BETHPAGE	1000211487	POWER TEST BETHPAGE	4101 HEMPSTEAD TNPK	11714	RCRIS-SQG, FINDS	
BETHPAGE	1000144478	TEXACO SVC STA	HEMPSTEAD TNPK & STEWART	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000135312	A & V MANSON SUPPLY INC	4108 HEMPSTEAD TNPK	11714	RCRIS-SQG, FINDS	
BETHPAGE	1000549576	LONG ISLAND SWIMMING POOL SERV	4040 HEMSTEAD LAKE PARK	11714	FINDS	
BETHPAGE	S101508034	SUN COMPANY INC	100 HICKSVILL ROAD	11714	LUST	9415006
BETHPAGE	1000446478	SAL MIKE REALTY	980 HICKSVILLE RD	11714	RCRIS-SQG, FINDS	
BETHPAGE	1000244487	BETHVIEW WHEEL ALIGNMENT, INC.	HICKSVILLE RD. & CENTRAL AVE.	11714	FINDS, RCRIS-LQG	
BETHPAGE	S100171097	MEENAN OIL	30 HUB DRIVE	11714	LUST	8607347
BETHPAGE	S100663909	APA TRANSPORT	IMPERATIVE ROAD	11714	LUST	9106296
BETHPAGE	1000549423	DOUGLAS CHEMICAL DIVISION DEIC	1 LEXTINGTON AVE	11714	FINDS	
BETHPAGE	S100665895	UNK	MANCHESTER DR/PLAINVIEW R	11714	LUST	8906174
BETHPAGE	S100664230	MR.BAR-B-QUE	NIBBE LANE / LEXINGTON AV	11714	LUST	8706872
BETHPAGE	1000551074	TBG COGENERATION	NYS ROUTE 107	11714	FINDS	
BETHPAGE	S100169909	MOBIL OIL	SO OYSTER BAY / STEWART A	11714	LUST	8908752
BETHPAGE	1000148518	NAVAL WEAPONS INDUSTRIAL RESERVE PLANT	SOUTH OYSTER BAY ROAD	11714	CERCLIS, FINDS	
BETHPAGE	U002096782	BETHPAGE W.D. PLANT 6	PARK LANE	11714	UST	

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City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
BETHPAGE	U001446275	CHARLES CAMPAGNE SCHOOL	PLAINVIEW RD.	11714	UST	052346
BETHPAGE	1000407948	NORTHERN ALLOYS INC	PLAINVIEW RD & MANCHESTER	11714	RCRIS-SQG, FINDS	
BETHPAGE	1001028645	NYSDOT BIN 1037880	POWELL AVE OVER RTE 135	11714	RCRIS-LQG	
BETHPAGE	S100666388	GRAND CARTING COMPANY	ROUND SWAMP ROAD	11714	LUST	9001430
BETHPAGE	S100664722	UNK	ROUND SWAMP ROAD	11714	LUST	9205621
BETHPAGE	S100781376	TIM HARBULAK PASS VEHICLE	S.O.B EXIT 9 SO BOUND	11714	LUST	9310169
BETHPAGE	U002096706	BETHPAGE WD PLANT 4	SOPHIA STREET	11714	UST, AST	
BETHPAGE	S100878944	MEENAN OIL	SOPHIA STREET	11714	LUST	9313893
BETHPAGE	U002264558	JOHN H. WEST SCHOOL	STEWART & BOUNDARY AVES.	11714	UST	
BETHPAGE	U002264557	NORTHEDGE SCHOOL	STEWART AVE.	11714	UST	
BETHPAGE	S101340109	DIFAZIO ELECTRIC (G.C.)	STEWART AVE	11714	LUST	9411984
BETHPAGE	S101173536	TOWN OF OYSTER BAY	STEWART AVE	11714	LUST	9409098
BETHPAGE	S100521004	NAVAL WEAPONS IND. RESERVE PLANT	STEWART AVENUE	11714	SHWS	
BETHPAGE	1000432425	SERVICE STATION	N/S STEWART & CHERRY AVES	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000243981	BETHPAGE COMMUNITY PARK	STEWART AVE	11714	RCRIS-SQG, FINDS, UST, LUST	9110161
BETHPAGE	S101658135	PAUL SOHAYEGH RESIDENCE	37 STYMUS AVENUE	11714	LUST	9505164
BETHPAGE	S100149786	ESTEE LANDER	182 SWEAT HOLLOW RD.	11714	LUST	8707804
BETHPAGE	S100149789	ESTEE LAUDER	182 SWEET HOLLOW ROAD	11714	LUST	8707921
BETHPAGE	S100490592	ISLAND TRANSPORT CORP	SOUTH WAREHOUSE AT GRUMMA	11714	LUST	9105673
FARMINGDALE	1000243984	BETHPAGE STATE PARK	BETHPAGE PKY	11714	RCRIS-SQG, FINDS, LUST	8807195
FARMINGDALE	U000726342	FRG-AIR TRAFFIC CONTROL TOWER	REPUBLIC AIRPORT	11714	UST, AST	1-1280
GARDEN CITY	1000788293	MTA BUS GARGE (FORMERLY PUREX IND INC)	COMMERCIAL AVE (MITCHELL FIELD	11756	FINDS	
HICKSVILLE	9202672	15602 JACINTO PORT BLVD NO. B DOCK		11801	ERNS	
HICKSVILLE	9201947	1401 SHERIDAN AVE		11801	ERNS	
HICKSVILLE	1000335584	EXXON CO USA - HICKSVILLE	RTE 106 & 107	11801	FINDS, RCRIS-LQG	
HICKSVILLE	1000144487	TEXACO SERVICE STATION - 13-006-0196	RTE 107 & BETHPAGE RD	11801	FINDS, RCRIS-LQG	
HICKSVILLE	1000895926	MICRO CONTACTS INC.	62 ALPHA PLAZA	11801	TRIS, AST	
HICKSVILLE	1000365637	MICRO CONTACTS INC	62 ALPHA PLAZA	11801	FINDS, RCRIS-LQG	1-000167
HICKSVILLE	1000356865	ANDREWS-NUNNERY ENVELOPE AND PAPER CO.	74 ALPHA PLAZA	11801	RCRIS-SQG, FINDS	
HICKSVILLE	1000273024	STOKVIS MULTITON CORP.	51 ALPHA PLAZA	11801	FINDS, RCRIS-LQG	
HICKSVILLE	1000556708	NEWBAR SERVICE CENTER	1 BARTEL LANE	11801	RCRIS-SQG, FINDS	
HICKSVILLE	1000457675	HICKSVILLE WATER DIST	BETHPAGE & WOODBURY RDS - N 1000 FT	11801	FINDS, LUST	9007547
HICKSVILLE	1000412461	CONTINENTAL COLLISION	77B BLOOMINGDALE RD	11801	RCRIS-SQG, FINDS	
HICKSVILLE	1000791908	WHOLE SALE TIRE CO	358 B BROADWAY MALL	11801	FINDS	
HICKSVILLE	1000555555	M G M TOWING & AUTOMOTIVE	870 S BROADWAY - FRONT OF BLDG	11801	RCRIS-SQG, FINDS	
HICKSVILLE	1000335580	EXXON CO	BROADWAY & RTE 106	11801	RCRIS-SQG, FINDS	
HICKSVILLE	1000261466	ENVIRONMENTALLY SAFE TRANSPORT	23 CHARLOTT AVE	11801	RCRIS-SQG, FINDS	
HICKSVILLE	S100669239	GALILEO GALLAY LODGE	200 LEVITTOWN PKY	11801	LUST	9002638
HICKSVILLE	S100667442	USPO	106 LUDY ST	11801	LUST	9106495
HICKSVILLE	1000961116	NATL LUBRICATION SYSTEMS LTD	1300 MID ISLAND PLAZA	11801	FINDS	
HICKSVILLE	1000457676	HICKSVILLE WATER DISTRICT	NEWBRIDGE RD	11801	FINDS	
HICKSVILLE	1001010740	SUNRISE PROFESSIONAL SVC INC	73A OLD COUNTRY RD DELCO PLAZA	11801	FINDS	
HICKSVILLE	1000789398	GETTY SVC STA	178 OLD COUNTRY RD	11801	RCRIS-SQG, FINDS	
HICKSVILLE	1000788768	WESTERN AUTO REPAIR	67 OLD COUNTRY RD	11801	FINDS	
HICKSVILLE	1000381240	FRESH START CLEANERS	212 OLD COUNTRY ROAD	11801	FINDS, RCRIS-LQG	
HICKSVILLE	1000144528	TEXACO SVC STA	180 OLD COUNTRY RD	11801	FINDS, RCRIS-LQG	

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City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
HICKSVILLE	1000140663	S.S. PREMISES C/O SHELL OIL CO.	500 OLD CO. RD & LEVITTOWN RD	11801	FINDS, RCRIS-LQG	
HICKSVILLE	S100669283	GETTY S/S	400 S OYSTER BAY RD	11801	LUST	9009085
HICKSVILLE	1000358704	AMERICAN DRIVE IN CLEANERS	418 S. OYSTER BAY ROAD	11801	FINDS, RCRIS-LQG	
HICKSVILLE	1000121900	OUR LADY OF MERCY CHURCH	500 SOUTH OYSTER BAY ROAD	11801	RCRIS-SQG, FINDS	
HICKSVILLE	1001010743	MERIT OYSTER BAY	496 PLAINVIEW RD	11801	FINDS	
HICKSVILLE	1000549569	LIFESPAN PRODS COMPANY INC	126 QUALITY PLAZA	11801	FINDS	
ISLAND PARK	95305650			11801	ERNS	
JERUSALEM	S101102772	KEUKA LAKE STATE PARK	ROUTE 54A CAMP COMFORT ST	11714	LUST	9400514
JERUSALEM	S101508514	KEUKA COLLEGE	KEUKA COLLEGE	11714	LUST	7780920
JERUSALEM	S101340786	KEUKA COLLEGE	KEUKA PARK KEUKA COLLEGE	11714	LUST	9413939
LEVITTOWN	S100664038	REGENT MANAGEMENT	S BERRY AVE / HEMPSTEAD	11756	LUST	9006368
LEVITTOWN	S100665847	UNK TRACTOR TRAILER	DIVISION AVE/HEMPSTEAD TP	11756	LUST	8903605
LEVITTOWN	S100666382	JEROME RESIDENCE	3156 EUSTIN ROAD	11756	LUST	9001020
LEVITTOWN	S100168366	RESIDENCE	480 GARDNERS AVENUE	11756	LUST	8800317
LEVITTOWN	S100666838	AMOCO S/S	HEMPSTEAD TPKE	11756	LUST	9300451
LEVITTOWN	S100177165	GULF	HEMPSTEAD TPKE / JERUSALE	11756	LUST	9102426
LEVITTOWN	S100151999	TSS/K MART	HEMPSTEAD TPKE / GARDENER	11756	LUST	9101167
LEVITTOWN	S100149526	SCORE/DR. NICK'S	3190/3200 HEMPSTEAD TPK	11756	LUST	8201143
LEVITTOWN	1000791011	GETTY SVC STA	3730 HEMPSTEAD TNPK	11756	RCRIS-SQG, FINDS	055549
LEVITTOWN	1000554497	KICK & HALLER INC	3000 HEMPSTEAD TNPK	11756	RCRIS-SQG, FINDS	
LEVITTOWN	1000414767	GOTTLIEB MARC DDS	3601 HEMPSTEAD TNPK SUITE 420	11756	FINDS, RCRIS-LQG	
LEVITTOWN	1000358736	AMERICAN CLEANERS	3801 HEMPSTEAD TPK	11756	FINDS, RCRIS-LQG	
LEVITTOWN	1000328771	SUNOCO SERVICE STATION	4295 HEMPSTEAD TNPK & DIV AVE	11756	RCRIS-SQG, FINDS	
LEVITTOWN	1000256075	LEVINE ANDREW M & ASSOC	2900 HEMPSTEAD TNPK SUITE 111	11756	RCRIS-SQG, FINDS	
LEVITTOWN	S100173023	NEW YORK TELEPHONE	3313 HEMPSTED TKPE.	11756	LUST	8901985
LEVITTOWN	1000267145	SALK SCHOOL	JERUSALEM & WANTAGH AVE	11756	FINDS, RCRIS-LQG	
LEVITTOWN	S100492019	PENASKY RESIDENCE	183 KINGFISHES ROAD	11756	LUST	9209374
LEVITTOWN	S100147448	MAJOR FUEL OIL CO	LAUREL LA / ORCHARD ST	11756	LUST	8807549
LEVITTOWN	S101173985	MEENAN OIL	299 LOCKSMITH ROAD	11756	LUST	9408986
LEVITTOWN	S100177624	HOLIDAY MGT CORP	LONGFELLOW AVENUE	11756	LUST	9112208
LEVITTOWN	S101173984	RELIANCE	178 MERDIAN ROAD	11756	LUST	9408919
LEVITTOWN	S100168939	MEENAN OIL	36 OAK TREE LANE	11756	LUST	8807457
LEVITTOWN	S100170794	GALLEI	8 PINE COVE DR.	11756	LUST	8603980
LEVITTOWN	S101508043	MEENAN OIL	17 SHELTA LANE	11756	LUST	9415247
LEVITTOWN	S100174807	RELIANCE UTILITIES	10 SHERPARD LANE	11756	LUST	9101321
LEVITTOWN	S100148673	CASTEL COAL & OIL CO.	STOKES SCHOOL/CONDOR RD	11756	LUST	8607293
LEVITTOWN	S100666484	UFI INC	STRAIGHT LANE	11756	LUST	9006235
LEVITTOWN	1000300430	SUMMIT LANE SCHOOL	SUMMIT LANE	11756	FINDS, RCRIS-LQG, UST	
LEVITTOWN	1000385448	SMILE CLEANERS INC	6 E VILLAGE GREEN	11756	RCRIS-SQG, FINDS	
LEVITTOWN	S101508022	UNK	181 WILLOWWOOD	11756	LUST	9414879
LEVITTOWN	S100665851	MURPHY RESIDENCE	26 WOODGREEN LANE	11756	LUST	8903731
NEW YORK	95286043			11801	ERNS	
NORTHPORT	94222587	EDENS NECK RD & WATERSIDE AVE		11801	ERNS	
PERTH AMBOY	95309061			11801	ERNS	
PLAINEDGE	1000558022	NYSDOT BIN 108119	RTE 135 OVER RTE 24	11714	FINDS, RCRIS-LQG	
PLAINEDGE	S100666937	LILCO	169 WILLIAM ST	11756	LUST	9303176
PLAINVIEW	S100664144	UNK	RTE 135/NO OF EXIT 11	11803	LUST	8902553

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
PLAINVIEW	S101658263	VEHICLE	RTE 495 WB / EXIT 42	11803	LUST	9507635
PLAINVIEW	S100665795	ENVIRONMENTAL DRILLING	AMES CT / COMMERCIAL DR	11803	LUST	8809881
PLAINVIEW	S100149353	CONSERVATIVE EXPRESS	105 AMFESCO DRIVE	11803	LUST	8709174
PLAINVIEW	1000258693	STRATFORD ROAD SCHOOL	BEDFORD RD-ESSEX RD	11803	FINDS, RCRIS-LQG	
PLAINVIEW	1000154773	HOWARD B MATTLIN MIDDLE SCHOOL	BRADFORD RD - ROUND TREE DR	11803	FINDS, RCRIS-LQG	
PLAINVIEW	S100664054	]LD BETHPAGE HIGH SCHOOL	CENTRAL PARK ROAD	11803	LUST	9007474
PLAINVIEW	1000368827	CHERRY LANE LITHOGRAPHING CORP	30 COMMERICAL CT	11803	FINDS, RCRIS-LQG	
PLAINVIEW	S100664530	NYSDOT	DUFFY AVE NYSDOT YARD	11803	LUST	9200925
PLAINVIEW	1000364031	CHARLES AND RAYMOND SASSOON	137 EXPRESS ST SHOPPING CTR	11803	FINDS, RCRIS-LQG	
PLAINVIEW	S101340016	RELIANCE	138 GRACIE ST	11803	LUST	9410274
PLAINVIEW	S101658165	UNK	LIE E/B	11803	LUST	9505526
PLAINVIEW	1000553494	MOBIL OIL CORP SS #A8T	LIE & ROUND SWAMP RD	11803	RCRIS-SQG, FINDS	
PLAINVIEW	1000273053	PARKWAY ELEMENTARY SCHOOL	MANETTO HILL RD-CENTRAL PK RD	11803	FINDS, RCRIS-LQG	
PLAINVIEW	1001021557	MERGANTHALER LINOTYP	MERGANTHALER DR	11803	FINDS	
PLAINVIEW	1001021561	MERGENTHALER LINOTYPE CO	MERGENTHALER DRIVE	11803	FINDS	
PLAINVIEW	1000233699	MERGENTHALER LINOTYPE CO	14 MERGENTHALER DR	11803	FINDS, RCRIS-LQG, CERC-NFRAP	
PLAINVIEW	S100663820	SPACE AGE ENERGY	MILFORD AVENUE	11803	LUST	9100883
PLAINVIEW	1000168477	JOYCE ROAD ELEMENTARY	MITCHELL AVE/JOYCE ROAD	11803	FINDS, RCRIS-LQG	
PLAINVIEW	1000241638	MACHINE COMPONENTS CORPORATION	70 NEW ROAD	11803	FINDS, RCRIS-LQG	
PLAINVIEW	1000890160	J F K PREP INC 2	100 NEWTOWN RD SUITE C	11803	RCRIS-SQG, FINDS	
PLAINVIEW	1000352657	ULTRA-GRAPHICS INC	16-20 NEWTOWN PLAZA	11803	FINDS, RCRIS-LQG	
PLAINVIEW	1000300828	GRIMM & NORTON	64 NEWTOWN PLAZA	11803	RCRIS-SQG, FINDS	
PLAINVIEW	S100665941	ISLAND TRANSPORTATION	OLD CTRY RD/RD SWAMP ROAD	11803	LUST	8909030
PLAINVIEW	S100664874	JAMAICA ASH	OLD COUNTRY ROAD	11803	LUST	9209403
PLAINVIEW	S100490933	NCDPW	1535 OLD COUNTRY ROAD	11803	LUST	9200426
PLAINVIEW	S100177607	SHELL OIL	OLD COUNTRY ROAD	11803	LUST	9111978
PLAINVIEW	S100171919	SHELL S/S	OLD COUNTRY ROAD	11803	LUST	8706265
PLAINVIEW	S100148690	NY TELEPHONE CO.	OLD COUNTRY ROAD	11803	LUST	8607478
PLAINVIEW	1000258691	PLAINVIEW SHELL, INC.	S. OYSTER BAY RD. & OL CTRY RD	11803	FINDS, RCRIS-LQG	
PLAINVIEW	S100492056	SHELL S/S	PLAINVIEW / OLD CTRY ROAD	11803	LUST	9209688
PLAINVIEW	1000145403	PASADENA DRIVE ELEMENTARY SCHOOL	RICHARD COURT/BENMUR STREET	11803	FINDS, RCRIS-LQG	
PLAINVIEW	S100149233	PLAINVIEW FIRE DISTRICT	ROUND SWAMP / OLD BETHPAG	11803	LUST	8707415
PLAINVIEW	1000229340	PROFILE SEPARATION & PREP INC	21 SHEER PLAZA	11803	FINDS, RCRIS-LQG	
PLAINVIEW	S101658198	OLD BETHPAGE SCHOOL	STADFORD ROAD SCHOOL	11803	LUST	9506301
PLAINVIEW	S100667008	LA GREG A SANDOS	SUNNYSIDE BLVD EXIT 46	11803	LUST	9304939
PLAINVIEW	S100177523	PLAINVIEW COMM PARK	WASHINGTON BLVD	11803	LUST	9110559
PORT JEFFERSON	95300308			11801	ERNS	
PORT WASHINGTON	95291427			11801	ERNS	
STUART	1000698804	GRUMMAN AEROSPACE CORP #77	SR A1A 1 MI S OF STUART	11714	RCRIS-LQG, RCRIS-TSD, RAATS, CORRACTS	
W BABYLON	1000328729	SUNOCO SVC STA	655 FARMINGDALE RD	11714	FINDS	
WHITESTONE	94215386	CONFIGURATION OF EAST RIVER IN LONG ISLAND SOUND /E OF WHITE		11801	ERNS	

EPA Waste Codes Addendum

Code	Description
D000	NOT DEFINED
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D018	BENZENE
D027	1,4-DICHLOROBENZENE
D035	METHYL ETHYL KETONE
D039	TETRACHLOROETHYLENE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE

EPA Waste Codes Addendum

Code	Description
	CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F004	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F006	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
F017	NOT DEFINED
K050	HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY
K052	TANK BOTTOMS (LEADED) FROM THE PETROLEUM REFINING INDUSTRY
NONE	NONE
P122	ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)
U002	ACETONE (I)
U002	2-PROPANONE (I)

EPA Waste Codes Addendum

Code	Description
U028	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER
U028	DIETHYLHEXYL PHTHALATE
U044	CHLOROFORM
U044	METHANE, TRICHLORO-
U112	ACETIC ACID ETHYL ESTER (I)
U112	ETHYL ACETATE (I)
U122	FORMALDEHYDE
U140	ISOBUTYL ALCOHOL (I,T)
U140	1-PROPANOL, 2-METHYL- (I,T)
U147	2,5-FURANDIONE
U147	MALEIC ANHYDRIDE
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U159	2-BUTANONE (I,T)
U159	METHYL ETHYL KETONE (MEK) (I,T)
U190	1,3-ISOBENZOFURANDIONE
U190	PHTHALIC ANHYDRIDE
U196	PYRIDINE
U210	ETHENE, TETRACHLORO-
U210	TETRACHLOROETHYLENE
U213	FURAN, TETRAHYDRO-(I)
U213	TETRAHYDROFURAN (I)
U220	BENZENE, METHYL-
U220	TOLUENE
U223	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T)
U223	TOLUENE DIISOCYANATE (R,T)
U226	ETHANE, 1,1,1-TRICHLORO-

EPA Waste Codes Addendum

Code	Description
U226	METHYL CHLOROFORM
U239	BENZENE, DIMETHYL- (I,T)
U239	XYLENE (I)
X001	WASTE OILS

PHASE I
ENVIRONMENTAL
SITE ASSESSMENT

for the

PRODUCT MANUFACTURING
PLANT 3 SITE

GOCO FACILITY
BETHPAGE, NEW YORK

Prepared for:

NORTHROP GRUMMAN
CORPORATION
South Oyster Bay Road
Bethpage, New York

Prepared by:

Radian International LLC

April 11, 1997

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EXECUTIVE SUMMARY

On March 25, 1996, Radian International LLC (Radian) formerly Dow Environmental Inc., initiated a Phase I Environmental Site Assessment (ESA) for Northrop Grumman Corporation (Northrop Grumman). Data gathering activities for Plant 3 were conducted from May through August 1996 and in February 1997.

Project Objectives

The objective of this Phase I ESA is to provide a baseline environmental assessment of recognized environmental conditions in connection with Plant 3 (Product Manufacturing), hereafter referred to as Plant 3. This assessment was performed in general accordance with Radian's Proposal No P96A-041 dated February 23, 1996 and the American Society for Testing and Materials (ASTM) Phase I Environmental Site Assessment Process E 1527-94. This assessment was performed to evaluate the presence or likely presence of hazardous substances or petroleum products that may indicate an existing or past release of hazardous substances or petroleum products into structures on the Plant 3 property or into soil, groundwater, or surface water at the site.

Summary of Findings

The thirty-five (35) acre Site is situated within the 105 acre Naval Weapons Industrial Reserve Plant (NWIRP), Bethpage, NY. The NWIRP facility was established in 1933 and is also identified as the Government Owned, Contractor Operated (GOCO) section of the Northrop Grumman facility. The site is located in the west-central portion of the Northrop Grumman facility. In addition to the main manufacturing building, Plant 3 includes 21 other buildings. These secondary buildings were used to support the manufacturing operations. The property has been used for the research, prototyping, testing, design engineering, fabrication, and primary assembly of military aircraft. Chemicals, machine parts, and various other types of metal components used in the manufacturing process were stored at the site. Currently the facility is in the process of being vacated. Figure 1 shows the vicinity map.

The property appears to have recognized environmental areas of concern (AOCs) based on the results of Radian's Phase I ESA. These AOCs are based upon the findings of a site reconnaissance,

a review of public agencies' databases and files, a review of available records and information supplied by Northrop Grumman, and through interviews with Northrop Grumman personnel conducted by Radian.

Indicators of contamination or site activities that may have resulted in potential contamination were identified during the Phase I ESA. These areas include: stained floors, sumps, and dry wells located within the vicinity of past or recent chemical use or storage areas, and historical chemical storage areas. A summary of designated AOCs and recommendations for additional action are summarized in Table ES-1 on the following page.

The designation of AOCs and recommendations are based on ASTM and current industry standards. Exact assessments of certain AOCs cannot be made without sampling and analysis to either confirm or deny the existence of contamination.

TABLE ES-1

Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
AOC Locations, Descriptions, Recommendations for Sampling, and Phase II Approach

AOC Number	Process Area or Location	Description	Recommendations for Sampling	Target Parameters
AOC 1	Paint Booths	Existing paint booths (16)	16-core 32-soil	Metals, VOCs & SVOCs
		Historic paint booths (10)	10-core 20-soil	Metals, VOCs & SVOCs
		Molten salt (Kolene) paint stripper	1-core 2-soil	Metals
		Waste holding tanks 793, 794, 1257, 1258, 1259 & 1260	3-core 6-soil	Metals, VOCs & SVOCs
AOC 2	Plating Area	Extensive floor staining around tanks in process pit and TCE tank 210	4-core 8-soil	Metals, VOCs & Cyanide
AOC 3	Old Alodine Area	Stained and cracked concrete in Alodine process pit	3-core 6-soil	Metals
		Former Alodine leaching well and overflow pit	8-soil	Metals, VOCs, SVOCs & Cyanide
		Waste transfer tanks 814, 815 & 1113	1-core 2-soil	Metals
AOC 4	Heat Treat Area A	Residue around tanks 971 & 972	1-core 2-soil	Metals
		Hydraulic fluid sump	1-core 2-soil	TPHC & PCBs
		Hydraulic piston on tank 1255	1-core 2-soil	TPHC & PCBs
AOC 5	Heat Treat Area B	Vapor degreaser tank 1251	4-soil	VOCs & TPHC
		Drain in pit and sump for tank 1272	6-soil	VOCs & TPHC

TABLE ES-1, Continued

Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
AOC Locations, Descriptions, Recommendations for Sampling, and Phase II Approach

AOC Number	Process Area or Location	Description	Recommendations for Sampling	Target Parameters
AOC 6	Chem Mill Clean	Eroded concrete in trench and sump	3-core 6-soil	Metals
		Chromium contamination outside Plant 3 at column FF46	12-soil	Metals
AOC 7	Chem Mill Flowcoat Area	Maskant tank 451	4-soil	VOCs
		Maskant tank 697 and drying area	4-soil	VOCs
AOC 8	Chem Mill Etch	Corroded concrete below tanks and trench leading to sump	2-core 4-soil	Metals
AOC 9	Sulfuric Acid Anodize	Deteriorated concrete from chromic and sulfuric acid leaks at tanks 457 & 461	6-core 12-soil	Metals
		PCE absorber and recovery systems	2-soil	Metals & VOCs
		Waste holding tanks 962 & 963	4-soil	Metals
AOC 10	Chromic Acid Anodize	Sump for transfer tanks 1150, 1151 & 1152	1-core 2-soil	Metals
		TCE degreaser sump	2-soil	VOCs
		Trench sump	1-core 2-soil	Metals
		Floor of pit	2-core 4-soil	Metals
		Pit in demineralizer room	1-core 2-soil	Metals
		Shell Pella pit	1-core 2-soil	TPHC

TABLE ES-1, Continued

Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
AOC Locations, Descriptions, Recommendations for Sampling, and Phase II Approach

AOC Number	Process Area or Location	Description	Recommendations for Sampling	Target Parameters
AOC 11	Alodine/Sulfuric Acid Anodize	Waste transfer tanks 1236, 1237 & 1238	1 core 2 soil	Metals
		TCE vapor degreaser tank 1221 sump	2-soil	VOCs
		Process pit floor	2-core 4 soil	Metals
		Sumps (2)	2-core 4-soil	Metals
AOC 12	Penetrant Inspection	Process pit	2-core 4-soil	Metals, VOCS, SVOCs & TPHC
		UST waste holding tanks 1092 & 1093	4-soil	Metals, VOCS, SVOCs & TPHC
AOC 13	Honeycomb Pretreatment Area	TCE degreaser tanks 965 & 966	4-soil	VOCs
		Tanks 377, 395 & 806	3-core 6-soil	Metals
AOC 14	Old Chem Mill	TCE degreaser tank 920 and still 302	6-soil	VOCs
		Waste holding tanks 81, 83, 84	1-core 2-soil	Metals
		Waste holding tanks 1049 & 1050	1-core 2-soil	Metals
AOC 15	Printed Circuit & Engraving Depts	one (1) printed circuit & two (2) engraving locations	3-core 6-soil	Metals & VOCs
AOC 16	Machine Shops	Extensive floor staining from cutting and lubricating oils	15-core 30-soil	TPHC 100% and 25% of Metals, VOCs, & PCBs

TABLE ES-1, Continued

Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
AOC Locations, Descriptions, Recommendations for Sampling, and Phase II Approach

AOC Number	Process Area or Location	Description	Recommendations for Sampling	Target Parameters
AOC 17	Boiler Room	To be addressed as UIC	none	N/A
AOC 18	Router Room	Former degreasing pit with dry well.	2-soil	VOCs & TPHC
		TCE vapor degreaser 256	2-soil	VOCs
AOC 19	Dry Wells at GG7 & JJ2	Dry wells at column GG7 connected to floor drains and at column JJ2	4-soil	Metals, VOCs & TPHC
AOC 20	Diffusion Galleries and Dry Wells	Diffusion galleries south of Plant 3 between columns N0 to N13 and dry wells external to Plant 3	16-soil	Metals, VOCs, SVOCs & TPHC
AOC 21	Equipment Pits	Designated equipment pits (27) as identified in Table 1	27-core 54-soil	TPHC - 100% and 25% of Metals, VOCs, and PCBS
AOC 22	Petroleum Storage Tanks - USTs	Existing USTs and former USTs at seven (7) locations as shown on Table 2	28-soil	TPHC & VOCs
AOC 23	Waste Oil Storage Tanks - ASTs	Former AST petroleum storage tanks at six (6) locations as shown on Table 2	12-soil	TPHC, VOCs, & PCBs
AOC 24	Storage Room at Column N11	Drum storage with floor staining and drain through wall	1-core 4-soil	Metals, VOCs, SVOCs, TPHC & PCBs
AOC 25	Roads & Grounds Building 003-13	Storage of pesticides, paints and oil products	1-core 2-soil	VOCs, TPHC & Pesticides
AOC 26	Chemical Storage Buildings 003-31 & 003-32	Potential for historic leaks from chemical storage; current storage of PCE and acid; sump and waste storage tank	2-core 6-soil	Metals, VOCs, SVOCs, TPHC & PCBs

TABLE ES-1, Continued

Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
AOC Locations, Descriptions, Recommendations for Sampling, and Phase II Approach

AOC Number	Process Area or Location	Description	Recommendations for Sampling	Target Parameters
AOC 27	Storage Shed Building 003-41	Trench with accumulated oily sludge	1-core 2-soil	TPHC
AOC 28	Pesticide Storage Building 003-44	Pesticide storage and floor drain	1-core 2-soil	TPHC & Pesticides
AOC 29	Flammable Storage Shed next to Propane Storage Shed	Potential for leaks from the stored flammable liquids	2-soil	VOCs & TPHC
AOC 30	3 Unidentified Storage Sheds	Middle shed - oil storage	2-soil	VOCs & TPHC
		Southern shed - pesticide storage	2-soil	TPHC & Pesticides
AOC 31	Subsurface Vault at Column AA11	Subsurface vault filled with soil and metal cuttings	1-core 2-soil	Metals & TPHC
AOC 32	PCE & TCE Storage Tanks	PCE USTs 1090 & 1091	4-soil	VOCs
		PCE AST 1207	2-soil	VOCs
		TCE ASTs 11, 885, 1270 & 1271	6-soil	VOCs
AOC 33	Waste Accumulation Areas (27)	Designated waste accumulation areas as shown on Table 5	27-core 54-soil	Metals, VOCs, SVOCs & TPHC
AOC 34	Old Autoclave Area	Use of PCB containing heat transfer fluid and reported leaks of heat transfer fluid	4-core 8-soil	TPHC & PCBs
		Drain, cooling pits and dry wells	12-soil	TPHC & PCBs

1.0 INTRODUCTION

The purpose of this Phase I ESA is to provide a baseline environmental assessment of Plant 3. This assessment was performed in general accordance with Radian's Proposal No P96A-041 dated February 23, 1996 and the American Society for Testing and Materials (ASTM) Phase I Environmental Site Assessment Process E 1527-94.

The assessment included a regulatory agency database search, state, county and local agency file reviews, visual inspection of the adjacent and surrounding properties and facilities, interviews with facility employees, reviews of Northrop Grumman's environmental records, and a visual inspection of the property.

The Plant 3 Site is part of a larger operation known as the Naval Weapons Industrial Reserve Plant (NWIRP). The NWIRP facilities and properties are owned by the U.S. Navy and operated by the Northrop Grumman Corporation (Northrop Grumman). The NWIRP facilities are also referred to as the Government Owned, Contractor Operated (GOCO) facility. The Plant 3 Site is located on South Oyster Bay Road in the west-central portion of the Northrop Grumman facility in the Town of Bethpage, Nassau County, New York. The Plant 3 Site has been primarily used for the manufacturing of aircraft and other related support activities. The Plant 3 Site also includes a newer office building which is still in use. Currently, manufacturing operations and related support buildings are being vacated. Figure 1 shows the vicinity map, identifying the location of the facility. Figure 2 is a site map of the specific study area, i.e. the Plant 3 Site. The main manufacturing facility referred to as Plant 3, is identified on Figure 2 as the Product Manufacturing Building 003-01. Plant 3 occupies over 16 acres and covers nearly 50 percent of the Plant 3 Site. In addition to the main manufacturing facility, there are 21 other buildings located within the Plant 3 Site.

1.1 Document Organization

Section 1.0 of this document provides the introduction and document organization. Section 2.0 provides a site description which includes the geology and hydrogeology of the area, and a description of the facility including results of the site reconnaissance and interviews. Section 3.0 provides the site history. Section 4.0 provides the regulatory compliance history including the state

and local agency research and agency databases review. Section 5.0 provides the findings of the Phase I ESA. Recommendations are included in Section 6.0.

Appendix A to this report contains historical aerial photographs used to review past and present operations at Plant 3. Appendix B contains the results of a chain of title search performed for the Northrop Grumman facility. Appendix C contains the results of the Environmental Data Resources (EDR) search of public databases for information on potentially contaminated sites within a 1-mile radius of the Northrop Grumman facility. Appendix D contains supplemental information pertinent to this ESA.

2.0 SITE DESCRIPTION

2.1 Site Setting

The Plant 3 Site is approximately 35.5 acres in size and is located within the 105-acre GOCO section of the Northrop Grumman facility. The area surrounding the site constitutes a mix of industrial, commercial and residential uses. According to a 1979 U. S. Geological Survey (USGS) map, the topography of the subject and adjacent properties is generally flat and is approximately 110-ft above mean sea level. There are no surface water bodies in the immediate vicinity of the Plant 3 Site. The closest water bodies are the GOCO facility recharge basins located approximately 1/8 mile to the northeast. The reported 1993 depth to groundwater at the property is approximately 68-ft below ground surface (bgs).

The area immediately north of Plant 3 contains warehouses (North Warehouses), a salvage building and salvage area, a wastewater treatment building and recharge basins. East of the site is a residential area. South of the site are warehouses (South Warehouses), a quality control laboratory (Plant 10), the Long Island Railroad, and the Northrop Grumman runway. West of the site is a grassy area. Figure 2 shows the site plan.

2.1.1 Regional Geology and Hydrogeology

The Northrop Grumman site is located on Long Island, which is a relatively flat, featureless, glacial outwash plain. The site is underlain by approximately 1,000-ft of unconsolidated sediments that overlie crystalline bedrock. The unconsolidated sediments consist of four distinct geologic units that are in descending order: the Upper Glacial Formation, the Magothy Formation, the Raritan Clay Member of the Raritan Formation, and the Lloyd Sand Member of the Raritan Formation. The crystalline bedrock consists primarily of metamorphic and ingenous rocks including schist, gneiss, and granite. The regional dip of the bedrock is to the south-southeast.

The Upper Glacial Formation, which is approximately 30 to 45-ft thick, consists mostly of coarse sand and gravels. The Upper Magothy Formation consists primarily of coarse sands to a depth of approximately 100-ft bgs, below which finer sands, silts and clays predominate.

The Northrop Grumman Bethpage facility, including Plant 3, is located on the south side of a groundwater divide which roughly splits Long Island in half in relation to groundwater flow. North of the divide, regional groundwater flows toward Long Island Sound while south of the divide, which includes the Northrop Grumman facility, groundwater flows in a southeasterly direction toward the Atlantic Ocean. Figure 3 shows the regional groundwater hydraulic head elevations. The Upper Glacial Formation, the Magothy Formation, and the Lloyd Sand Member (Raritan Formation) are regional aquifers. The principal aquifers of concern due to their shallow depths are the Glacial and Magothy aquifers. Although not the primary source of potable water for the area, the Upper Glacial aquifer is an important source of potable water in Nassau County. The glacial deposits are characterized by high primary porosity and permeability with the porosity reported to exceed 30 percent. The Magothy aquifer is the major source of public water supply in Nassau County. The Lloyd Sand Member is not widely utilized due to its greater depth.

The geologic and hydrogeologic information obtained from previous investigations indicate that the Upper Glacial and Upper Magothy aquifers in the area beneath the site are interconnected and may be considered a common aquifer. Groundwater in this aquifer occurs under unconfined conditions. The number and thickness of clay lenses increase with depth within the Upper Magothy, but the horizontally discontinuous nature of these units prevents any one of them from functioning as an aquitard or semi-confining unit.

Although the regional groundwater flow beneath Plant 3, and the Northrop Grumman Bethpage facility as a whole is toward the southeast, it appears that localized flow in and around the Northrop Grumman site is subject to significant fluctuations as a result of on-site pumping and reinjection. The 14 production wells located within the Northrop Grumman facility (seven production wells are located within the GOCO facility) operate on an irregular schedule and in various combinations based on facility demand. Demand is typically greatest during the summer months. As a result, the influence of the wells on the local flow regime at any time is dependent on pumping rates and on which of the production wells are operating. Groundwater withdrawal rates (Geraghty & Miller, Inc. 1994) were approximately 3 to 11 million gallons per day (mgd) in 1984. Almost all production well water (and most storm water runoff) is discharged to the on-site recharge basins.

During the Phase I and Phase II Remedial Investigations of the Northrop Grumman facility (Geraghty & Miller, Inc. 1992 and 1993), pumping effects were observed around Plant 15, in the vicinity of Northrop Grumman production well GP-13. Recharge effects were evident around the

Plant 3 recharge basins, Plant 5 recharge basins, and to a lesser extent near the Plant 12 recharge basins. Mounding was also observed along the eastern border of the Occidental Chemical Company (OCC)/RUCO Polymer facility (near Plant 115) and is attributed to recharge occurring at the OCC/RUCO Polymer site.

Groundwater sampling conducted during the Phase I and Phase II Remedial Investigations indicated two plumes of contaminated groundwater (eastern and western) near the center of the Northrop Grumman facility. The eastern plume contains volatile organic compounds (VOCs) including trichloroethene (TCE), perchloroethene (PCE), 1,1,1-trichloroethane (1,1,1-TCA), 1,2-dichloroethene (1,2-DCE), 1,1-dichloroethene (1,1-DCE) and 1,1-dichloroethane (1,1-DCA). The western plume primarily consists of TCE.

In addition to the two plumes identified in the central portion of the Northrop Grumman site, an area of contamination was also identified along the borders of the Northrop Grumman facility and the OCC/RUCO Polymer site. The concentrations detected did not indicate a discrete plume or plumes, and generally consist of TCE, PCE, 1,1,1-TCA, 1,1-DCE and vinyl chloride. In addition, analytical data gathered from Northrop Grumman production well GP-6 during the Remedial Investigations performed by Geraghty & Miller indicate that this area is also affected by the OCC/RUCO Polymer site. Figure 4 shows the approximate areal extent of groundwater contamination in the vicinity of the Northrop Grumman facility.

To the south of the Northrop Grumman facility, contaminants are present in groundwater at varying depths, however, the concentrations of contaminants do not indicate that a discrete plume or plumes are present. The pumping and recharge of groundwater on the Northrop Grumman facility, as well as the pumping by the Bethpage Water District, is likely responsible for the observed contamination downgradient of the Northrop Grumman facility.

As a result of the effects of pumping and recharge in and around the Northrop Grumman facility, the groundwater at the Plant 3 property, which would normally be considered side-gradient to the OCC/RUCO Polymer site, may have been affected due to the alteration of groundwater flow due to pumping and recharge.

2.2 Facility Overview and Description

The site reconnaissance was performed May through August 1996 and February 1997 to observe the condition of the site. The observations described in this report reflect conditions which existed at the time or Radian's reconnaissance unless otherwise noted. In addition, a drive-by inspection of the adjacent properties was conducted to note general land use. The current owner and operator of the site are:

- Site Owner/Operator Name: U.S. Navy/Northrop Grumman Corp.
  Street Address: South Oyster Bay Road, Bethpage, New York

- Site Location (See Figure 1): Plant 3 Product Manufacturing
  Address: South Oyster Bay Road
  Town: Bethpage
  County: Nassau County
  State: New York

Approximately 70 percent of the Plant 3 Site is covered by buildings. The remaining 30 percent is paved with concrete or asphalt with some grassy areas. The property is generally rectangular in shape and is approximately 2,200-ft x 750-ft and has one primary building, the Product Manufacturing Building 003-01, and 21 smaller structures.

The structure numbers, sizes and uses are summarized in the following list:

Structure No.	Structure Use/Name	Square Ft
003-01	Product Manufacturing Building	707,703
003-02	Well Pump House	147
003-03	Well Pump House	374
003-04	Well Pump House	250
003-09	Well Pump House	172
003-11	Well Pump House	136
003-13	Road and Grounds	3100
003-14	Facility Maintenance Storage	560

Structure No.	Structure Use/Name	Square Ft
003-15	Facility Maintenance Garage	1975
003-17	Equipment Repair Shop	779
003-31	Bottled Gas Storage	800
003-32	Chem Storage Building	1600
003-33	Transportation Garage	2546
003-35	Maintenance Bldg.	2057
003-38	Storage Building	572
003-40	Portable Relocatable Office Module (PROM)	64,973
003-41	Storage Shed	365
003-44	Pesticide Storage Building	680
003-52	Well Water Treatment Building	400
Unknown	Propane Storage Shed	220
Unknown	Storage Sheds	560 Total
10-02	Storage Building (Guard Shack)	200

2.3 Plant 3 - Building 003-01 Description

The Product Manufacturing Building 003-01 (Plant 3) is a steel column, masonry wall structure. The main structure was built in 1942. Added to the western portion of the main building are two other structures, a heat treatment facility, and the Portable Relocatable Office Module, known as the PROM office building. These two buildings are constructed of steel with insulated sandwich-panel walls. The heat treatment area was added to Plant 3 in 1985 and the four story PROM office building was constructed in the late 1980s. All manufacturing operations in Plant 3 ceased in 1994. Currently Northrop Grumman is removing all equipment, machinery and process lines from the building. Most of the main building has an open floor plan with a 22-ft high ceiling comprised of wood planks supported by wood joists and metal I-beams. The floor in Plant 3 is constructed entirely of poured concrete, with extensive areas where wood blocks were placed over the concrete floor. Several small offices are located throughout Plant 3. At the time that Radian performed the Plant 3 property survey, Northrop Grumman was actively removing process equipment from Plant 3

as part of the facility deactivation process. This work was still ongoing at the time this final report was being prepared. Surrounding the main building are several small buildings and process areas. The following sections describe each process area and support building on the Plant 3 Site and identifies potential AOCs in Plant 3, other buildings and process areas within Plant 3.

2.3.1 Paint Booths

A total of 16 existing paint booths and one paint stripping booth were identified during Radian's site visit. The locations of 10 former paint booths, identified from original engineering drawings, were also inspected to assess any impact on site conditions. Figure 5 identifies the locations of the existing and former paint booths. The walls and floors of the spray booths were covered with thick built up layers of paint. A review of plant design drawings indicated the presence of spray tunnels at other locations throughout the facility. Paint booths utilized either fiberglass filters or a water curtain to control airborne paint aerosols and mists. The filtered or scrubbed air streams were discharged to the atmosphere through the building roof, pursuant to New York State Department of Environmental Conservation (NYSDEC) air emission permits.

Wastewater from the water curtain troughs was pumped into waste paint holding tanks 793, 794, 1257, 1258, 1259, and 1260, which are located outside Plant 3 adjacent to building columns CG48 and OA16. Wastes were pumped through overhead piping to these holding tanks. Wastewater was transferred from the holding tanks by Grumman tank trucks to the on-site industrial waste treatment plant (IWTP).

Paint was applied with manual spray guns. These spray guns were cleaned frequently using methyl ethyl ketone (MEK). Paint was primarily stored in 5-gallon pails in a storage room located on the north side of columns G11 and G12. A second paint storage room, approximately 25-ft x 60-ft, was located on the south side of Plant 3 at column NN25 as shown on Figure 5. No significant paint stains or spills were noted in the paint storage rooms. The concrete floors were found to be in good condition in both rooms. No environmental impacts were identified in the paint storage rooms. Several types of paints were used:

- zinc chromate primer
- strontium chromate primer
- epoxy based top coat
- acrylic based top coat

The paint booths (PB) in Plant 3 have been assigned numbers for the purposes of this report, and are discussed individually in the following paragraphs. The locations of existing and historic paint booths are shown in Figure 5.

PB-1 is located in a room near building column A-0.2. A brownish-white paint residue was observed in the tray of the trough. White paint stains were noted on a concrete floor which is in good condition. Paint booths PB-2, PB-3, PB-4, PB-5, and PB-6 are located in a room bordered by building columns F7-F10 and G7-G10. A dry sump was observed in this room. PB-2 and PB-3 are located in the north half of the room. The remaining three booths are against the south wall. Each booth has a crust of paint on the floor and residual paint residues in the water curtain trough. A floor drain is located at the entrance to PB-2, with crusted paint material noted in the cap and pipe. This drain flows west and no outlet could be identified. Smoke testing may be needed to locate outlet. No other floor drains were observed. The concrete is in good condition at all booths except PB-3 where a crack runs the length of the booth. Stains were also noted in sinks at the west wall of this area. These booths were used for spraying primers and top coats. A waste accumulation sign indicated "CEE BEE C50," and "DIRTY PAINT THINNERS" at the east wall of the room. Paint stains were observed under the sign.

Several paint booths have been assigned tank numbers for the water curtain trough. A deactivating solution identified as Klarifiant, containing NaOH, wetting agents, solvent, silicates, and $Ca(OH)_2$, was used in the troughs. The following list cross references Radian paint booth numbers with Northrop Grumman numbers.

RADIAN ID No.	GRUMMAN ID. No.	TROUGH TANK ID No	CAPACITY (gallon)
PB-1			
PB-2		170	400
PB-3		152	400
PB-4		139	400
PB-5		137	400
PB-6		109	400
PB-7		69	400

RADIAN ID No.	GRUMMAN ID. No.	TROUGH TANK ID No	CAPACITY (gallon)
PB-8			
PB-9	4	321	400
PB-10	Automated Booth - LC-1		
PB-11	Automated Booth - LC-2		
PB-12	Automated Booth - LC-3		
PB-13	Automated Booth - LC-4		
PB-14			
PB-15	6	323	400
PB-16	7		
HPB-1			
HPB-2			
HPB-3			
HPB-4			
HPB-5			
HPB-6			
HPB-7			
HPB-8			
HPB-9			
HPB-10	2	325	400

Two tanks numbers 304 and 305, each with a capacity of 310 gallons, are identified on a June 1977 Industrial Waste Summary Sheet. These tanks were designated as hot and cold water rinse tanks. Wastewater from these tanks was pumped to waste holding tank 793 and subsequently treated at the IWTP. PB-7 is located at columns G10-G11 and has a water curtain with paint residue on the trough surface. The concrete floor of the booth is covered with a crust of paint. A waste accumulation area for "WASTE PAINT STRIPPER" is located at the northwest corner of the room at column E10. PB-8 is located at columns E11-E12 in a room with a recessed trough. PB-8 has a water curtain system; the trough has been corroded. Saw horses coated with layers of yellow primer or polyamide

were found in the paint booth. The floor is concrete and in good condition. Wastewater was transferred to holding tank 793, and subsequently were transferred to the IWTP.

PB-9 is located at building columns HH23-HH24 to JJ23-JJ24. This booth has a water curtain with two vents leading to the roof of Plant 3. The booth has no sumps or floor drains. Two waste collection signs are posted:

- Type 2 Waste Flammable (Acetone, MEK and MIBK)
- Type 6 Waste Flammable (CEE BEE C50, and Dirty Paint Thinners)

The water curtain trough has an accumulation of white crust, and the floor is coated with approximately 1/4 inch of paint. The concrete floor is in good condition, and a joint was observed near the stained areas. Water curtain wastes were pumped to holding tank 794 and subsequently were transferred to the IWTP. PB-10, PB-11, PB-12 and PB-13 are automated paint booths linked by a conveyer system running between columns JJ26 and LL26. Each booth has a water curtain with paint residue present in the troughs. The floor of each booth contained a metal grate which extended approximately 8-ft from the water curtain trough toward the front of the booth, a distance of about 8-ft. The grates were heavily coated with paint. Two sludge dewatering presses were located immediately west of the line of paint booths. Liquid wastes were pumped to the waste holding tanks. Accumulated solids were drummed and removed from the building for off-site disposal. Two 6-ft deep sumps were located on the west side of the paint booths. A small pit was found on the north side of booth No. LC1 (PB-10). A full 55-gallon drum of Zodiac Paint Break #2 was located between the two sludge presses. The Zodiac Paint Break contains the following compounds:

- sodium hydroxide CAS 1310-73-2
- aromatic hydrocarbons CAS 64742-06-9
- petroleum distillate CAS 64742-89-8.

An automatic Kolene paint stripping system is located at column JJ28. The specific chemical agents used in the Kolene system are considered proprietary and are not specifically identified on the Material Safety Data Sheet (MSDS). The active material is identified as an alkali hydroxide with an oxidizer. The stripper operates at an elevated temperature between 315°C and 537°C. The system was used to strip paint from spray paint racks and hangers. This system is approximately 25-ft x 6-ft x 20-ft high. The system extends 10-ft below grade into a pit. A conveyor system runs

through the length of the unit. Paint stains were visible below the grate in the Kolene system pit. The concrete is in good condition. There is a dry sump located in the northwest corner of the Kolene pit.

Paint booths PB-14 and PB-15 are located near columns HH32-HH33. Both booths have a water curtain located in the back of the booth. The doors to the paint booths have air filters on them. PB-14 has a floor drain with paint stains running across its entrance. The drain flows east toward the sump in PB-15. A sump with some green paint residue is located on the east side of PB-15. A drying oven is located between these two paint booths. The floors in both booths are stained with green paint, but the concrete is in good condition. Wastewater from these booths was transferred to holding tank 794 and trucked to the IWTP. PB-14 has two waste collection signs posted:

- Type 2 Waste Flammable (Acetone, MEK, and MIBK)
- Type 6 Waste Flammable (CEE BEE C50, and Dirty Paint Thinners)

PB-16, located at GG33-GG34, has a grate floor and water curtain. Water could be seen in a 16-in. x 34-in. x 4-in. area under the grate. Many parts holding racks were covered with paint in this area.

Historic Paint Booths (HPBs) were investigated at ten (10) locations identified on a 1942 engineering drawing. HPB-1, located at building columns G14-G15 is no longer present. HPB-2 was located adjacent to HPB-1 at G15-G16. A concrete pad and wood block floor are now present in this area. An equipment pit is currently located in this area. No signs of paint or painting operations were noted. HPB-3 was located at building columns D16-DD1. This area is covered by an old wood block floor. No paint stains, overhead duct work, or evidence of a booth was noted. A 6-ft x 6-ft square section in the ceiling joists above this area may indicate where duct work to the roof was previously located. This structure is observed in existing paint booths. HPB-5 was located at building columns GG14 to HH14 immediately north of HPB-6 at HH14 to JJ14. A concrete pad at LL3, the approximate location of HPB-4 has a dark crust of material on it, possibly paint. No other signs of paint operations were present. The floor at HPB-6 was covered with wood blocks having no paint stains. HPB-7 was located at GG23 to HH24. A concrete pad was present at this location. The pad has residual crust that had been painted over. A typical 6-ft x 6-ft structure in the ceiling joists appears to indicate a former vent location. A similar structure can be observed above PB-9 immediately south of HPB-7. HPB-8 was located at building columns GG33-HH34. A

concrete pad with paint stains was observed on existing PB-16. HPB-9 was located at CC33-DD34. Green paint stains were noted on a concrete pad which was in good condition. No sumps were noted in association with any of the historic paint booths. HPB-10 , assigned tank number 325, has been removed. There are some stains on the concrete floor in the center and northern portions of the area. The floor is dirty and lightly covered with a white powder material. There is a guardrail on the northern and eastern side but no signs are posted in the area.

AOC 1 - Existing paint booths (16), historic paint booths (10), molten salt (Kolene) paint stripper, and waste holding tanks 793, 794, 1257, 1258, 1259 and 1260.

2.3.2 Processing Areas

This section describes the various manufacturing processes which were conducted in Plant 3. Both recent and past process areas have been identified through direct inspection of the facility with the assistance of knowledgeable Northrop Grumman employees, interviews with employees and a review of original engineering design drawings and subsequent engineering drawings of the facility. The various process areas are identified on Figure 6. Reported tank contents reflect the material present in the tank as of the date shown, unless otherwise noted. The information is based on Northrop Grumman "Industrial Wastes" summary sheets for operating process areas. All tanks were empty, except as noted at the time of Radian's inspection.

2.3.2.1 Plating Area

The Plating Area is located in the west-central (columns F5-G7) portion of Plant 3 as shown in Figure 7. The original plating process applied cadmium by electro-deposition from a cyanide plating bath. Wastes from the electroplating operation were trucked to the cyanide waste treatment facility where the cyanide was oxidized using chlorine. The cyanide treatment facility began operation in the early 1950s and was closed in 1974. Prior to construction of the cyanide treatment facility, wastes from the plating shop may have been discharged to the Alodine leaching well described in Section 2.3.2.2. A vacuum deposition process replaced the electroplating process in 1974, and the cyanide treatment facility was closed at that time.

The Plating Area is comprised of twenty-nine (29) small rectangular vats above a concrete recessed containment area approximately 30-ft x 30-ft in size. The floor of the recessed containment area is

covered with a rust-colored residue and is stained. A sump located in the southeast corner of the recessed area contains what appears to be a water-based liquid. Along the north wall of the room is a recessed area covered by steel plates. This recessed area is connected to the main recessed area by two trenches covered by steel plates. The steel plates covering the north wall recessed area appear to have been mounting points for process equipment that has been removed. An electric switch box on the wall is labeled "Vac. CAD. Mach.," probably referring to the cadmium vacuum deposition process that is known to have been used in this area. A sign designating the waste collection area for "Used Cadmium Solution" is posted on the east wall of the plating area. Figure 7 presents the location and layout of the plating area. Wastes from the plating area were pumped to holding tanks 814 and 815. These tanks are described in Section 2.3.1.1. The following is a list of tanks and vats which are located in the plating area.

Tank	Vol. (Gal)	Contents as of 6/8/77	Comments
131	760	Cold water rinse	Cadmium plating solution rinse
140A	185	Nitric/Hydrofluoric acids	
140B	185	Not In use	Chromic and phosphoric acids
141	760	Enthox 980	1-4 oz/gal Enthox 980 contains 50% CrO_3
142	760	Enthox rinse	
143	760	Sulfuric acid	0.5 - 3% by Vol
144	760	Cold water rinse H_2SO_4	
210	55	Trichloroethylene - 100%	
211	250	Cold water rinse - HCL	
212	360	Not in use	
213	600	Not in use	
214	250	Cold water rinse	
215	360	Not in use	
216	360	Not in use	

Tank	Vol. (Gal)	Contents as of 6/8/77	Comments
220	109	Ammonium Nitrate	
261	360	Hot water rinse	Passivated solution
262	360	Cold water rinse	Dilute Cd plating solution
740	185	Phosphoric & Chromic Acids	3 - 10% phosphoric 10-20 oz. CrO_3 Gal
780	760	Caustic Soda	Chrome Strip
799	55	Passivated Nitric Acid	15 - 30% HNO_3 1 - 4 oz. $Na_2Cr_2O_7$ / Gal
1209		Nitric Acid	
1210		Hydrochloric Acid	
1211		Cold water rinse	
1212		Sodium Hydroxide	
1216		Preservative oil	

AOC 2 - Extensive floor staining around tanks and TCE tank 210.

2.3.2.2 Old Alodine Area

The Old Alodine Area is located in the west-central portion of Plant 3 at columns D6 and E8. The old Alodine process line operated from the 1940s until the late 1980s. Originally, wastes which accumulated in sumps from this process area flowed to an 8-ft x 50-ft leaching pit located 30-ft outside the north wall of Plant 3 between columns A5 and A8. This pit is shown on drawing number "F-2" dated October 1942, which was prepared by Elwyn E. Seelye, and A.E. Stevenson Associate Consulting Engineers. In addition to the leaching well, the drawing identifies an 8-in. overflow pipe which flows north to a manhole for a 12-in. storm sewer. Overflow from the storm sewer flowed to an "open pit" located northwest of the manhole. The invert of the 12-in. storm sewer leaving the manhole is shown at elevation 119.7-ft and the elevation of the overflow pipe to the "open pit" is shown at elevation 122.0. Therefore, except when the storm sewer backs up into the manhole, overflow from the leaching well would flow to the storm drain to the recharge basins. The Alodine

leaching well likely continued in use until 1949 when Northrop Grumman began operation of the chromium waste treatment facility located at Plant 2 in 1949.

Alodine is a trade name for the chemical conversion coating of aluminum using chromate baths. Chromate conversion coatings are used to promote adhesion of paint and impart corrosion resistance. Alkaline cleaning solution and a nitric acid deoxidizer solution were employed to clean the aluminum prior to conversion coating. Eight large rectangular tanks are located in twin rectangular pits that are approximately 2-ft deep. Staining exists on all pit surfaces. Piping to all tanks has been removed or cut off with all tank flanges left open. The concrete floor surfaces are in fair condition with some floor openings possibly where pipes have been removed. There is one sump in each of the recessed pit areas. Each sump contains 3-ft of what appears to be a water based liquid. These sumps are connected to waste holding tanks 814 and 815, which are located outside the main building at column A16. Tank 814 was replaced by tank 1113. The sumps in the Old Alodine Area were replaced with stainless steel sumps. There was staining and cracking of the concrete in this area.

The following tanks comprised the Old Alodine process area:

Tank	Vol. (Gal)	Contents as of 12/14/76	Comments
228	4,590	Non Etch Alkaline Cleaner Ridoline 53	2 - 10 oz. Ridoline 53 /Gal. Ridoline 53 contains: 60% Sodium Meta Silicate 10% Tetra sodium pyrophosphate
229	4,590	Alkaline Cold Water Rinse	
520	4,670	Deoxidizer Amchem 7-17 Nitric Acid	10 - 25% HNO_3 2 - 6 oz. Amchem/Gal 10% Sodium Carbonate 10% non-ionic surfactant 27% Chromates 37% Fluorides 5% Copper Ferricyanide
230	4,590	Deoxidizer Cold Rinse	
231	6,220	Alodine 600 2 oz./gal	Alodine 600 contains 50% fluoride salts 25% chromates

Tank	Vol. (Gal)	Contents as of 12/14/76	Comments
232	4,590	Alodine Cold Rinse	
234	5,385	Dryer - Empty	
663	110	Not Used	
814	3,300	Waste Holding	Replaced by Tank 1113
815	3,300	Waste Holding	Tank in place as of 4/11/97
932	55 gal drum	Alodine Stripper - 45 - 55% HNO_3 by volume	This tank was a 55-gal. drum
1113		Waste Holding	Replaced tank 814. Tank in place as of 4/11/97

There are nine cylindrical tanks located against the southern wall. These tanks comprised the demineralizer system for the Alodine Area. All piping had been removed and the tank flanges were left open at the time of the inspection. Tank 1079 contained approximately 4 to 6-in. of white crystalline material and was labeled NaOH (sodium hydroxide). All other tanks were empty. The following describes the demineralizer system tanks:

Tank	Vol. (Gal)	Contents as of 12/14/76	Comments
1098	105	25 % sulfuric acid regenerate solution	
1097	155	25% caustic soda regenerate solution	
1096	32 cu. ft.	anion exchange bed (IRA400 Resin)	Deoxidizer rinse
1095	32 cu. ft.	anion exchange bed (IRA93 Resin)	Deoxidizer rinse
1094	32 cu. ft.	cation exchange bed (IR200 Resin)	Deoxidizer rinse
237	10 cu. ft.	cation exchange bed (IR200 Resin)	Deoxidizer or Alodine 600 rinse
238	10 cu. ft.	anion exchange bed (IRA400 Resin)	Deoxidizer or Alodine 600 rinse
239	10 cu. ft.	cation exchange bed (IRA200 Resin)	Alodine 600 rinse
240		anion exchange bed (IRA 400 Resin)	Alodine 600 rinse

The demineralizer system was used to concentrate chromium wastes and to produce deionized water to rinse finished parts. Wastewater from the regeneration of the demineralizers was pumped to waste holding tanks 814 and 815 and subsequently transferred to the IWTP.

The concrete floor and sumps in this area are deteriorated from past leaks. It was reported that the original sumps were deteriorated to the point that they were lined with stainless steel. The Alodine process area operated from the 1940s to the late 1980s. Concentrated wastes were sent to the Plant 2 industrial wastewater treatment plant (IWTP) beginning in 1949. Tank 520 originally contained a nitric acid chromium deoxidizer. It was removed and replaced with a nitric acid over deoxidizer tank. According to a Northrop Grumman employee, a tank east of tank 520 was previously removed. Figure 7 provides a plan of the Old Alodine process area.

AOC 3 - Stained and cracked concrete in Old Alodine Area, former Alodine leaching well and overflow pit and waste transfer tanks 814 (1113), and 815.

2.3.2.3 Heat Treat Area A

Heat Treat Area A is located in the northwest area of the building between columns OA0.0 and OC0.14, see Figure 8. This area contained two large overhead furnaces and four large holding tanks that were used to harden materials. Parts were successively heated in the ovens and then lowered into the cold water quench tanks for cooling. Four tanks were noted in this area:

- Tank 1256 - Cold Water Quench - This concrete tank was 3/4 full of water, and is approximately 13-ft x 28-ft x 20-ft deep. A large furnace hangs overhead. Rust stains were noted around the area but no other stains were evident. A chain driven mechanism was used to raise and lower the equipment rack in and out of the furnace.

- Tank 971 - Non-Etch Cleaner (Pennwalt A-38 4-8 oz/gal) - This steel tank was empty with a white residue evident on the bottom half of the tank. Dimensions are 13-ft x 28-ft x 15-ft deep. This tank operated at a temperature of 150 to 160 °F and a hood system is mounted on the sidewalls to capture water vapor.

- Tank 972 - Cold Water Rinse Tank - This tank is of the same construction and dimensions as Tank 971 except there is no insulation present. Some brown residue or rust was present, but the tank was empty.

- Tank 1255 - Cold Water Quench - This concrete tank is similar to 1256 in dimensions, 12-ft 6-in. x 27-ft 6-in. x 20-ft 4-in. and was empty. A furnace is situated overhead with an equipment rack which was raised and lowered by a hydraulic ram. Hydraulic fluid was observed on the cylinders as a trickle of dark fluid on the metal. No stains were observed on the concrete. A covered 3-ft x 3-ft x 5-ft hydraulic oil sump was present outside the west wall of the Heat Treat Area. Piping from the hydraulic lift empties into this oil sump located near column OB-0 as shown in Figure 8.

The two central tanks (971 and 972) are located within a larger concrete pit approximately 20-ft deep. A white to gray powdery residue was observed on the floor of the pit, and a sump was observed with water in it at the northeast corner of the concrete pit. The nature of the residue is uncertain, but it may be a mixture of sediment and alkaline cleaner.

The concrete floor in the Heat Treat Area A is in good condition with no visible signs of deterioration or cracks. The floor did not appear to be sealed. There is evidence of staining, both light and dark coloring, in front of the alkaline tank (971). One 55-gallon drum of 'Fyrequel' (butylated triphenyl phosphate esters) fire resistant hydraulic fluid was located on a small, steel tray which contained overspill fluid. There was evidence of hydraulic fluid staining below the chain gear box in front of Tank 1256. Also noted in the area were parts racks and an electrical power station. A 3-ft x 3-ft x 3-ft minifurnace was located at the southeast corner of this area, as well as a 3-ft x 4-ft x 3-ft polyethylene quench tank. This small quench tank emptied into a floor drain near building column OA-4. The discharge point for the floor drain could not be identified; smoke testing may be needed to identify it.

A small heat treat area was originally located south of column row G at column 7. This area contained a small molten sodium nitrate ($NaNO_3$) salt bath and two tanks numbered 596 and 597. Tank 596 had a capacity of 2,800 gallons and was a cold water rinse tank. Tank 597 had a capacity of 945 gallons and was a liquid nitrogen quench tank. This heat treat area is not considered an AOC.

AOC 4 - Residue around tanks 971 and 972; hydraulic fluid sump and potential leaks from hydraulic ram on tank 1255.

2.3.2.4 Heat Treat Area B

Heat Treat Area B is located between columns A0.4 and G0.1 and contained three major process areas as shown on Figure 9. The area from C0.4 - E0.2 contained three steel tanks in a large pit. These tanks are 1251 - trichloroethylene (TCE) vapor degreaser; 1252 - alkaline cleaner; and 1253 -cold water rinse. Tank 1251 was empty; tanks 1252 and 1253 were full and the fluid was circulating. These two tanks are being used to decontaminate equipment as it is removed from the facility. The pit for tank 1251 was approximately 20-ft deep and the pit for tanks 1252 and 1253 was 12-ft deep. No fluid was observed in the pit through the surface grate. The pit is considered a confined space and, as such, was not available for inspection. Concrete in front of and around the degreasing operations is in good condition and no cracks nor stains were noted. Most of the 'lay-down' area was not available for inspection due to the storage of scrap hoods, ducting, vats and tanks in this area at the time of inspection.

In the area A0.4 through C0.1 there is a TCE vapor degreasing tank (1272), four tempering furnaces, two load/unload air cooling structures and one cold water quench tank. Each of these structures were 8-ft in diameter and 20-ft deep (see Figure 9). Above the structures were two gantry furnaces on rails. The degreaser tank reportedly originally employed perchloroethylene (PCE) and was later switched trichloroethylene (TCE). These eight structures were constructed of steel and masonry and are located within a large subsurface containment pit. The pit contains a central concrete drainage trench and the bottom of the pit was wet and stained. It is unknown where the drain in the pit leads, and subsurface piping can be a conduit for TCE and PCE to subsurface soil. The drain may lead to a sump in the northeast corner of the concrete pit, which contained a dark reddish oily fluid. A small 3-ft square oil heater unit was present in the pit, with some staining on the floor adjacent to it.

Four drums of oil were stored near the tanks, one with a manual pump. There was no containment structure beneath these drums and minimal staining. There were also eight cylinders of CO_2 stored here.

Between columns E0.4 and F0.2 is tank 1274, an approximately 5,000 gallon glycol quench tank, which was ½ full of a brownish liquid. The tank sat in a 1-ft deep pit next to furnace 16. A drain

emptied through this trough, but the outlet is unclear. An unnumbered water quench tank was located adjacent to furnace 17 at E0.2. It was empty. Tank 1275 is a 500 gallon cold water rinse and also was empty. These quench tanks were mounted on rails to allowing positioning under the furnaces as required. Tanks in the Heat Treat Area B include:

Tank	Vol. (Gal)	Contents	Comments
1251		TCE Vapor degreaser	
1252		Alkaline cleaner	Tank in use to decontaminate equipment during dismantlement
1253		cold water rinse	Tank in use to decontaminate equipment during dismantlement
1268	7,780	cold water rinse	Approximately 2/3 full of liquid
1269	5,000	liquid nitrogen	Tank is sealed - unable to observe
1272		TCE vapor degreaser	
1273	1,650	cold water rinse	Tank is dry
1274	5,000	Glycol quench tank	
1275	500	cold water rinse	
1276	1,650	salt bath	Contained several inches of white residue
1267	7,780	Glycol quench tank	Approximately 2/3 full of liquid
1268	7,780	cold water rinse	Approximately 2/3 full of liquid

Furnaces 13 and 14, located on the south wall, were situated above a rail system to allow tanks 1267, 1268 and 1269 to be positioned under the furnaces. Grease and oil stains were evident on the concrete between the rails. There was significant staining in the glycol quench area indicating that drums had been stored here. However, the concrete was in sound condition with no corrosion or cracking noted.

Two drains were noted to the south side of both tanks 1267 and 1268 that would receive fluids from pipes draining these two tanks. Floor drains and sumps in this area are shown on Northrop Grumman drawing D-03-85-266 as tied into an "existing" 12-in. diameter PVC pipe." The 12-in.

PVC pipe is identified as a drain on quad drawing 109. From B0.2 to D0.1 there is a staging area for parts and three furnaces in a small concrete pit about 40-ft x 20-ft x 2-ft deep. The pit is dirty, but does not seem to have stains on the concrete. Tank 1276 and 1273 were in a concrete pit covered by steel plating. The condition of the pit could not be observed. Adjacent to this pit, at the northeast corner, was a dry sump with rust colored water stains.

A 20-ft x 40-ft area of broken concrete was observed from D0.2 to E0.1. It is unclear what structure may have been located there. A 6-in. PVC vent pipe emerges from the concrete floor adjacent to this area. Some electrical conduit was noted here, but no floor staining.

AOC 5 - Drain in pit and sumps for tank 1272, and vapor degreaser tank 1251.

2.3.2.5 Sand Blast Booth

Also in this area, southwest of A0.1, is a sand blast booth and a 1-ft deep pit. There was reddish-colored sand on the floor. The sand blast booth is constructed of steel and vents to the atmosphere.

West of the sand blast booth, between columns A0 and B0, is a small air compressor with rust stains on the floor (see Figure 10). A pressure vessel was also noted in this area adjacent to the air compressor. The pressure vessel is a vertical steel tank approximately 3-ft in diameter and 10-ft high, and serves as an air reservoir for the sand blast booth. There were two pipes leading from the pressure vessel down through the floor.

2.3.2.6 Outside NW Corner of Plant 3

Outside the extreme northwest corner of Plant 3 is a methanol storage tank (1254) within a containment structure. The tank is approximately 8-ft x 15-ft and sits within a containment pit, placing the bottom half of the tank below grade. A sump is located within the containment structure and has piping, presumably for a vacuum pump truck hook-up for clean out. Water was present in the bottom of the containment pit. The containment building is constructed of concrete block walls and steel framed roof. Secondary containment for this tank is in good condition. The area is fenced and access is limited. Methanol is of limited environmental concern owing to its extreme volatility and biodegradability.

Two tanks of liquid nitrogen, tank numbers 48 and 49, are located in this area. These tanks are placed on a concrete pad against the outside north wall of Heat Treat Area B between columns A0.2 and A0.3. A transformer pad is located along the outside east wall of Heat Treat Area A. The transformers do not contain PCBs.

The particulate filter for the sand blast booth was located on a concrete pad against the north wall of Heat Treat Area B between columns A0.1 and A0.2. The filter system has been removed. There is some evidence of drum storage in this area near the particulate filter. It is probable that the drums contained particulates captured by the filter system. The entire area is paved with asphalt. Equipment from Plant 3 is currently being stored in the area, some of which is sinking into the asphalt. There are three storm drains in the central area. There are no AOCs associated with this area.

2.3.2.7 Chem Mill Clean, Flowcoat and Etching

The Chemical Mill process line incorporated a three step process. The first step included the cleaning of aluminum and titanium with alkaline cleaners and the removal of oxidation using a chromated nitric acid bath. Following cleaning the parts were coated with a Maskant solution by dipping or flowcoating the parts. The Maskant was allowed to dry and templates were used to remove Maskant form the areas to be chemically milled. Aluminum parts were placed in a caustic soda solution and titanium parts were placed in hydrofluoric acid. The metal in the unmasked areas was dissolved by the echant solution.

Chem Mill Clean: This process area was located in the extreme east-central portion of Plant 3 between columns FF44-48 and GG44-48. The process tanks have recently been removed. This process area was used to clean aluminum and titanium parts prior to applying the Maskant. The following tanks comprise the Chem Mill Clean process line:

Tank	Vol. (Gal)	Contents	Comments
956	6,100	Ridoline 53 Alkaline Cleaner	
957	6,100	Pennwalt A-38 Cold Water Rinse	

Tank	Vol. (Gal)	Contents	Comments
958	6,100	Chromated Deoxidizer- Amchem 7-17 2 - 6 oz./gal	10 - 20% HNO_3 Amchem 7-17 contains 10% Sodium Carbonate 10% non-ionic surfactant 27 % Chromates 37% Fluorides 5% Copper Ferricyanide
959	6,100	Cold Water Rinse	
960 & 961	N/A	Dryers	
962 & 963	6,000	Waste Holding Tanks located outside of building at column GG48. These tanks stored chromated mixed acid wastes from H_2SO_4 Anodize, Honeycomb pretreatment and Flowcoat cleaning.	See Section 2.3.2.8

A 2-in. to 3-in. deep floor trench containing liquids ran across the entire length of the process line. A second pit 25-ft x 6-ft x 3-ft deep with liquids in it was also present. This second pit contained air duct equipment for control of emissions from the process tanks. It was pointed out to Radian personnel that a pipe fitting from tank 958 had a relatively long-term leak. Chromium contamination in excess of 50 mg/kg has been documented to a depth of over 20-ft. Northrop Grumman has conducted an extensive investigation of this area to delineate the boundaries of the chromium contamination. Approximately 100 samples were collected. Northrop Grumman is proceeding with remediation of this area under the supervision of NYSDEC. NYSDEC assigned spill number 92-07766 to this release. As part of the chromium investigation process, a soil sample was collected at a depth of 10-ft outside Plant 3 between columns FF45 and FF46 under a connection point for unloading chromic acid. The concentration of chromium in this sample exceeded 50 mg/kg. It is unlikely that chromium present at column FF45-46 is related to spill number 92-07766 .

The extent of contamination at FF45 has not been delineated. The collection trench and sumps show signs of erosion. Eroded concrete provides evidence of an acid spill at column FF46.

Waste storage tanks 962 and 963 have been removed. No closure sampling results are available. The Chem Mill Clean Area is an area of concern. See Figure 11 for diagram of Chem Mill Clean Area.

AOC 6 - Eroded concrete in trench and sump and documented chromium contamination outside Plant 3 at column FF46.

Chem Mill Flowcoat Area: The Chem Mill Flowcoat Area is just to the south of the Chem Mill Clean Area. This area contains three tanks:

Tank	Vol. (Gal)	Contents	Comments
451	12,630	Maskant	Solvent originally toluene converted to PCE
697	1,300	Maskant	
1201	Not available	Maskant Day Tank	Aboveground Tank on Building Wall

Maskant was applied to parts in preparation for Chem Mill Etch. The masking agent, a rubber like material, was dissolved in perchloroethlylene. Toluene was originally used, but its use was discontinued because of the excessive emission of VOCs. PCE was substituted for the toluene, and an extensive vapor phase carbon absorption system was installed to capture PCE. The PCE was steam stripped from the carbon beds and recycled back to the manufacturer for reprocessing. The air scrubbers are located in the extreme southeast corner of Plant 3.

Two large ovens were used to dry the parts after Maskant application. A large buildup of Maskant was located to the west of tank 451. Tank 697 was not present during Radian's site walk. Tank 451 was in a 8 x 10-ft deep pit, the pit appeared to be dry. A moderate VOC odor was present near tank 451. Four 12-in. x 6-in. wall drains were present along the east wall. These drains lead outside and appear to empty between the building wall. No floor drains were observed in the Flowcoat Area.

The Phase II Remedial Investigation conducted on behalf of the Navy by Halliburton NUS Corporation in 1993 indicated PCE soil gas contamination in the Flowcoat Area at 570 μg/l, and TCA at 5 μg/l. See Figure 11 for a plan of the Flowcoat Area.

AOC 7 - Soil gas survey indicating PCE contamination; extensive use of PCE and toluene; floor staining with Maskant; Maskant tanks 451 and 697; and drying area.

Chem Mill Etch: The Chem Mill Etch Area is located just to the south of the Chem Mill Flowcoat Area (see Figure 11). This area is comprised of the following tanks:

Tank	Vol. (Gal)	Contents	Comments *
399	4,500	Caustic Soda Storage. 50% NaOH	
400	4,500	Caustic Soda Storage. 50% NaOH	
1120	10,200	Aluminum Caustic Etch NaOH-20 oz/gal Sodium Gluconate 0.30-0.4 oz/gal Na_2S 0.2-4 oz/gal	empty
1121	10,200	Aluminum Caustic Etch, NaOH-20 oz/gal Sodium Gluconate 0.30-0.4 oz/gal Na_2S 0.2-4 oz/gal	full of brownish liquid
1122	20,000	Double Cold Water Rinse	full of brownish liquid
1123	10,200	Desmut Nitric Acid, 35 - 65%	3/4 full of greenish liquid
1124	20,000	Double Cold Water Rinse	full of brownish liquid
1125	10,200	Aluminum Caustic Etch, NaOH-20 oz/gal Sodium Gluconate 0.30-0.4 oz/gal Na_2S 0.2-4 oz/gal	empty
1126	20,000	Double Cold Water Rinse	empty
1127	10,200	Hydrofluoric Acid 12%	empty
1128	20,000	Double Cold Water Rinse,	empty
1129	10,200	Desmut Nitric Acid 35 - 65%	half full of greenish liquid
1130	20,000	Double Cold Water Rinse	full of clear liquid

* Tank contents reflect observation made during the February 1997 site inspection.

These tanks are located on grade within a concrete secondary containment structure. The tank pit contains process piping, pumps and sumps. The tank pit was wet in some areas. The concrete in the pit was significantly corroded below several tanks. The tanks are set in a 3-ft pit with a 5-ft trench running between the two rows of tanks. Radian was not able to locate the sumps. Some corroded concrete was observed around the floor drain. Tank 399 and 400 may have been moved from the Old Chem Mill line with the tank numbers retained.

Wastes from the Chem Mill Etch process were transferred to waste holding tanks 1131, 1132, 1133, and 1134. These tanks are included in the hazardous waste permit for the facility. Closure of these waste holding tanks will be performed under the Resource Conservation and Recovery Act (RCRA).

AOC 8 - Corroded concrete below tanks and floor trench that leads to a sump.

2.3.2.8 Sulfuric Acid Anodize

The Sulfuric Acid Anodize Area is located in the extreme southeastern corner of Plant 3 (see Figure 11). The anodizing or anodic coating process is designed to produce heavy stable film of metal oxide on the metal surface for corrosion protection. This process occurs naturally upon exposure to air, but the corrosion resistant properties are very poor compared to anodized metal. This area is comprised of the following tanks:

Tank	Vol. (Gal)	Contents as of 6/9/77	Comments
455	6,450	Ridolene 53 Alkaline/Cleaner	2- 10 oz. /gal Ridolene 53 contains: 60% Sodium Meta Silicate 10% Tetra sodium pyrophosphate
456	6,450	Coldwater Rinse	
457	6,450	Chromated Deoxidizer Amchem 7-17	2 - 6 oz. /gal
458	6,450	Deionized Water Rinse	
459	7,250	Sulfuric Acid Anodize	6 - 14 % H_2SO_4
460	6,450	Cold Water Rinse	

Tank	Vol. (Gal)	Contents as of 6/9/77	Comments
461	6,450	Dichromate Seal	3 - 7% $Na_2Cr_2O_7$
462	N/A	Deionized Water Rinse for Dichromate Seal	
463	8,100	Dryer	
466	15 ft^3	IR120 Cation Exchange Resin	
467	15 ft^3	IR120 Cation Exchange Resin	
468	15 ft^3	IRA400 Anion Exchange Resin	
469	15 ft^3	IR120 Cation Exchange Resin	
470	55	Sulfuric Acid Regenerant	
471	80	Caustic Soda Regenerant	
962 & 963	6,000	Waste Holding	
1099	275	IRA400 Strong Base Anion Exchange Resin	
1100	275	IRA400 Strong Base Anion Exchange Resin	
1101	275	Activated Carbon Absorption Bed	

Tanks 459, 460, 461, 462, and 463 were present during Radian's June 1996 site visit. No tanks were present during Radian's February 25, 1997 site visit. The tank area has a 12-in. concrete berm. The concrete is significantly corroded, cracked with brown and yellow stains. A 12-in. deep trench runs along the northern side of the bermed area. Liquid is present in the eastern half of the trench. A carbon scrubber system for removal of PCE is located in area NN47 and NN48. To facilitate installation of the PCE scrubber system, tanks 455, 456, 457, and 458 were previously removed from

the sulfuric acid anodize process line. This system captured PCE vapors from the Flowcoat System. The PCE was steam stripped and recycled to the manufacturer. The carbon absorption tank system consists of three large scrubber tank units. A trench runs along the northern side of the scrubber system area. This trench has two sumps, both contained liquids. The floor is dry but staining is present throughout the area.

AOC 9 - Deteriorated concrete from chromic and sulfuric acid leaks at tanks 461 and 457, former underground waste holding tanks 962 and 963 and the presence of PCE absorber and recovery systems.

2.3.2.9 Chromic Acid Anodize

The Chromic Acid Anodize Area is located in the east central portion of Plant 3. This process area was comprised of the following tanks:

Tank	Vol. (Gal)	Contents	Comments
1137		Vapor Degreaser TCE	
1138	8,740	Alkaline Clean - Ridoline 53	2 - 20 oz/gal
1139	17,400	Double Cold Water Rinse	
1140	8,750	Etch (for Zyglo) -Alumintech 3	Caustic
1141	8,750	Deoxidizer, Amchem 7-17 and HNO_3	2 - 6 oz/gal
1142	17,400	Double Cold Water Rinse	
1144	8,750	Chromic Anodize	Chromic Acid 2-5%
1145	17,400	Double Cold Water Rinse	
1146	8,750	Hot Seal - Chromic Acid	45 - 80 ppm Chromic Acid
1149	8,750	Dryer	
1294	2,400	Rinse Water Holding	Concrete Tank

These tanks were placed in an 8-ft deep pit measuring 40-ft x 145-ft with a 2-ft wide trench running along the north side of the pit No tanks were present during Radian's February 25, 1997 site visit. The floor was stained throughout the pit. The wall was stained where the former TCE vapor degreaser was located. The pit was approximately 15-ft deep at the location of the former TCE vapor

degreaser tank. A sump containing liquids is present at the northeast corner of the former TCE vapor degreaser tank. The 2-ft trench is sloped west towards a sump with liquids in it on the west end. A small concrete tank (1294) 10-ft x 6-ft x 6-ft is located in the northwestern portion of the pit area. Tank 1294 was used to store rinse water. The tank developed cracks from thermal shock and was lined with stainless steel. Figure 12 provides a layout of the Chromic Acid Anodize Area.

A separate room is used for chemical storage and ion exchange processes. The ion exchange systems produced deionized water for rinsing and served to recycle chromic acid solution by removing aluminum from solution. There were reportedly leaks in cation heat exchanger and the circulating pump in this area. The bottom of the 4-ft deep pit was recently painted. This pit had been repaired and was a potential source of contamination. A sump is located in the southeastern side of the pit. The concrete floor looked to be in good condition. There was some drippage from tank 1163, which resulted in some accumulation of liquid in the east end of the pit. Some areas of concrete were eroded in and around the ion exchange tanks. Process liquids were pumped through an open pipe gallery to and from the demineralizer room. A Pella oil pump was located west of the Pella oil tank. There is extensive staining in the Pella oil tank pit. The following tanks are located in this room:

Tank	Vol. (Gal)	Contents	Comments
926	3,740	Shell Pella (Mineral Oil) Storage	
1150, 1151, & 1152	9,600	Waste Holding	
1162		Cation (Dealuminizer)	
1162A		Sulfuric Acid (Dealuminizer)	
1163		Anion (Demineralizer)	
1163A		Caustic Soda (Demineralizer)	
1164		Cation (Dealuminizer)	
1164A		Sulfuric Acid (Dealuminizer)	
1165		Anion (Demineralizer)	
1165A		Caustic Soda (Demineralizer)	

Tank	Vol. (Gal)	Contents	Comments
1166		Cation (Dealuminizer)	
1166A		Sulfuric Acid (Dealuminizer)	

AOC 10 - Stained floor in process area pit; TCE vapor degreaser; demineralizer room pit, Shell Pella oil pit and waste transfer tanks 1150, 1151, and 1152.

2.3.2.10 Alodine/Sulfuric Acid Anodize

The Alodine/Sulfuric Anodize line is located in the southeastern side of Plant 3 between columns MM31 and NN31 and MM42 and NN42 (see Figure 13). This process area replaced the Old Alodine Area. The tanks, which were recently removed, were placed within a large basement pit. The pit is approximately 200-ft x 50-ft x 11-ft deep. A trench runs along the north side of the process pit. This trench had significant free standing liquids in it. The pit is in good condition with no cracking observed. A sump was located just west of the former TCE vapor degreaser tank and another sump was located near former tanks 1228 and 1227. An open underground pipe trench exited the building between building columns NN39 and NN40. The pipeline flowed to waste holding tanks 1236, 1237, and 1238. Wastewater from the holding tanks was transported to the IWTP. The following tanks comprise the Alodine/Sulfuric Anodize Area:

Tank	Vol. (Gal)	Contents	Comments
1221	2,500	Trichlorethylene Degreaser	Liquid TCE Capacity
1222	8,800	Ridolene 57	
1223	17,400	Double C.W. Rinse	
1224	8,800	Amchem 7-17/Nitric Acid	
1225	8,800	Amchem 7-17/Nitric Acid	
1226	8,800	Double C.W. Rinse	
1227	17,400	Spare Tank	
1228	8,800	Alodine 600	
1229	8,800	Double C.W. Rinse	

Tank	Vol. (Gal)	Contents	Comments
1230	17,400	Sulfuric Acid	
1231	8,800	Double C.W. Rinse	
1232	17,400	Sodium Dichromate (Hot Seal)	
1233	8,800	Double C.W. Rinse	
1234	17,400	Dryer	
1235	17,400	Dryer	
1236	9,600	Waste Holding	
1237	9,600	Waste Holding	
1238	9,600	Waste Holding	
1241		Rinse Water Holding (In Pit)	
1290		Anion (Demineralizer)	
1290A		Caustic Soda (Demineralizer)	
1291		Cation (Demineralizer)	
1291A		Sulfuric Acid (Demineralizer)	
1292		Anion (Demineralizer)	
1292A		Caustic Soda (Demineralizer)	
1293		Cation (Demineralizer)	
1293A		Sulfuric Acid (Demineralizer)	

AOC 11 - TCE vapor degreaser tank 1221, process pit, sumps, trench and waste transfer tanks 1236, 1237, and 1238.

2.3.2.11 Penetrant Inspection

The Penetrant Inspection or Zyglo area is located in the west central portion of Plant 3 at columns EE3 to FF5 as shown on Figure 6. This process area contains four tanks:

Tank	Vol. (Gal)	Contents	Comments
490	10,000	Penetrant Magnaflux ZL-22A	6-8 small puddles of yellowish liquid in tank. Magnaflux ZL-22A contains: Fluoranthene <5% Petroleum Distillates <50%
491	10,000	Emulsifier Magnaflux R-10A	Tank was clean and dry. Magnaflux Zr-10A contains: 2 (2-butyloxyethyl) athanol 40-70% 2-methyl - 2,4 propanediol <15%
493	10,000	Developer Magnaflux P-14A	Tank was clean and dry. Magnaflux ZP-14A contains: Sodium Chromate 0.4% Sodium Nitrite 0.5% 2,2-bis (hydrocymethyl) 1,3 - propanediol
494	10,000	Dryer	Tank is fitted with blower and roll top cover. Tank was clean and dry.
1092 & 1093	4,900	Waste Holding	

All four tanks are constructed of stainless steel and are all 4-ft x 35-ft x 10-ft deep. These tanks are placed within a 6-ft deep pit. Most of the supply and discharge piping for the tanks is at the south end of the pit, under a metal floor grating. No free liquids were observed in the pit. Some minor rust colored stains were present within the pit. Tank 490 had six to eight small puddles of yellowish liquid (possibly penetrant oil) on the floor of the tank. Tanks 491 and 403 were clean and dry. Tank 494 is fitted with a blower and roll top cover. Wastes from the penetrant inspection area were pumped to underground waste holding tanks 1092 and 1093 located outside of Plant 3 at column AA15 for transfer to the IWTP.

AOC 12 - Tank pit and UST waste holding tanks 1092 and 1093.

2.3.2.12 Honeycomb Pretreatment Area

The Honeycomb Pretreatment Area operated from 1960 to 1983. The facility was located between columns GG35 and HH40. The honeycomb process produced light weight high strength laminates using a honeycomb shaped internal support. This area has been identified as an area of concern based

on the findings of a Phase II Remedial Investigation conducted by Halliburton NUS Corporation in 1993. The study found 5,000 μg/l of PCE in soil gas at the former honeycomb cleaning area. See Figure 6 for the location of this AOC and the tank layout for the honeycomb pretreatment area. Tanks 377, 395, and 806 are included as AOCs because of the use of chromium. Wastewater from the honeycomb pretreatment process was transferred to waste holding tanks 962 and 963.

The following list identifies tanks used in the honeycomb pretreatment process:

Tank	Vol. (Gal)	Contents as of 6/10/77	Comments
196	3,300	Dryer	Tank normally dry
376	3,300	Tap Water Spray Rinse	Pasa Jell 107M
377	3,450	Pasa Jell 107M 100%	Pasa Jell 107M contains 20% HNO_3, 2.5% CrO_3, 8% Fluorides
394	3,200	Deionized Water Spray Rinse	Chromates
395	3,300	Sulfuric Acid Sodium Dichromate	15.5% H_2SO_4 3 oz $Na_2Cr_2O_7$ /gal
396	3,200	Oakite 164 60 oz/164 gal	Oakite 164 contains silicates, phosphates and carbonate
397	3,200	Tap Water Rinse	Oakite 164
880	3,200	pH Controlled Water Rinse	Chromates
964	6,000	Dryer	Tank normally dry
965	6,150	Trichloroethylene	Vapor Degreaser
719A	840	Deionized Rinse Water	
719B	750	Contaminated Rinse Water	Chromates
277	10 ft^3	Ion Exchange Bed	
278	10 ft3	Ion Exchange Bed	
912	10 ft^3	Ion Exchange Bed	
913	10 ft^3	Ion Exchange Bed	
450	55	Sulfuric Acid	11.8 % H_2SO_4

Tank	Vol. (Gal)	Contents as of 6/10/77	Comments
922	145	Caustic Soda	11.6 oz./ gal NaOH
806	55	5% Chromic Acid	6.7 oz./gal CrO_3
966	50	TCE Still	TCE Recycle

AOC No. 13 - NUS soil gas survey indicating PCE contamination, TCE degreaser tank 965, TCE still 966, and tanks 806, 377, and 395 containing chromium.

2.3.2.13 Old Chem Mill Line

The Old Chem Mill line, located in the extreme northeast corner of Plant 3 as shown on Figure 6, operated from 1956 and to 1980. The process area was then relocated between the sulfuric acid anodize and the Chem Mill Clean line at columns BB42 through DD44. The Chem Mill line provided chemical cleaning, rinsing, and caustic and hydrofluoric acid etching baths. The following tanks were located in the Old Chem Mill Area:

Tank	Vol. (Gal)	Contents as 12/22/76	Comments
73	5,760	Tap Water Rinse	HNO_3 & HF
74	5,760	Alkaline Etch	20 oz. NaOH/gal 0.35 oz. Sodium Gluconate/gal 2 oz. Na_2S/gal
75	5,760	Tap Water Rinse	Alkaline Etch
77	5,760	Alkaline Etch	20 oz. NaOH/gal 0.35 oz. Sodium Gluconate/gal 2 oz. Na_2S/gal
78	5,760	Alkaline Etch	20 oz. NaOH/gal 0.35 oz. Sodium Gluconate/gal 2 oz. Na_2S/gal
79	5,760	Tap Water Rinse	Alkaline Etch
302		Still for TCE	
399	4,420	Caustic Soda Storage	50% NaOH

Tank	Vol. (Gal)	Contents as 12/22/76	Comments
400	4,420	Caustic Soda Storage	50% NaOH
711	3,240	Waste Holding	Hydrofluoric Acid
713	3,240	Waste Holding	Hydrofluoric Acid
782	500	Tap Water Rinse	
783	500	Nitric Acid	35% - 65% by Vol
784	500	Alkaline Etch	20 oz/gal. NaOH 0.35 oz/gal Sodium Gluconate 2 oz/gal Na_2S
920	5,760	TCE	Vapor Degreaser
926	3,740	Shell Pella Storage	Mineral Oil
969	5,760	Nitric Acid	35.65% by Vol
970	5,760	Hydrofluoric Acid	5.15% of 70% HF by volume
1049	6,800	Hydrofluoric Acid	Waste Holding Tank
1050	13,000	Emergency HF	10% HF - This is a pit
1111		Tap Water Rinse	
81	6,100	Spare Alkali Waste and floor drips	
83	6,100	Alkali Waste	
84	6,100	Alkali Waste	

There is some equipment left in the Old Chem Mill building and the former degreaser pit has been roped off. There are two fire extinguishers, three drums of debris, and one drum of waste oil located in the building.

AOC 14 - TCE degreaser tank 920 and still 302, and waste holding tanks 81, 83, 84, 1049, and 1050. these seem less important to me.

2.3.2.14 Duct Department

The duct department operated between columns H16 to just north of column GG17. Based on the tank descriptions, this area cleaned sheet metal, formed ducts, and performed spot welding and hydrostatic testing. No evidence of this process area remains. The following tanks were located in this area:

Tank	Vol. (Gal)	Contents	Comments
241	630	Oakite 164	Alkaline Cleaner
260	630	Tap Water Rinse	
243	630	Nitric Sulfuric Acids	
244	630	Tap Water Rinse	
154	400	Turco 331	Mild acid powder (bisulfate or oxalic acid) used to descale metal before spot welding.
669	800	Dryer	
306	600	Hydrostatic Test Tank	

2.3.2.15 Printed Circuit and Engraving Departments

The printed circuit department manufactured printed circuit boards ready for insertion of electronic components. Final assembly was done elsewhere. The process line was located between columns F14 and G16. This line was installed in the early 1960s. The following process tanks were employed:

Tank	Vol. (Gal)	Contents as of 5/71	Comments
840	30	Hydrochloric Acid	10% by Volume
841	30	Cold Water Rinse	
842	30	Flowcoat	100% Kodak Photo Resist
843	30	Ferric Chloride Spray Etch	40% $FeCl_3$

Tank	Vol. (Gal)	Contents as of 5/71	Comments
844	30	Dye Solution	100% Kodak Photo Resist Dye
845	30	Cold Water Rinse	
846	30	Chromated Cleaner	5% by Volume H_2SO4 and 6oz $Na_2Cr_2O_7$ per gallon
847	30	Cold Water Rinse	
848	30	Degreaser	100% TCE
849	30	Cold Water Rinse	
850	30	Gold Plating	1.1 oz Au and 0.02 oz. Co per gallon
854	30	Oxalic Acid	9% by Weight Oxalic Acid
855	30	Cold Water Rinse	
856	30	Cold Water Rinse	

The engraving department was located between columns H2 through H4 (see Figure 6). An earlier engraving department was located at columns E14 through F16.

The following tanks were located in the new engraving department.

Tank	Vol. (Gal)	Contents	Comments
1086		Metal Photo Toner	
1087		Metal Photo Toner	
1246	40	Duragraphic Developer	TCE 9.1% 1,1,1-TCA 90.9%
1247	13	Dryer	
1248	13	Duragraphic Echant	NaOH 50%
1249	40	Cold Water Rinse	
1250	40	Duragraphic Cold Stripper	Methyl alcohol 25% Methylene chloride 75%

These three minor process areas used solvents and chromates and are, therefore, designated as AOCs.

AOC 15 - Solvent and chromate usage in printed circuit and engraving departments.

2.3.2.16 Polyethylene Glycol Department

The polyethylene glycol facility was located west of column line 24 between columns LL and NN (see Figure 6). Polyethylene glycol was used to support the honeycomb during machining. The solid polyethylene glycol was removed from the finished part with hot water and recycled. The following tanks were located in this area:

Tank	Vol. (Gal)	Contents as of 6/9/77	Comments
693	1,000	Hot Water Rinse	
695	1,000	Hot Water Rinse	
696	1,000	Cold Water Rinse	
949	75	Polyethylene Glycol	

2.3.2.17 Machining Areas

Extensive machine shop and assembly areas were located throughout Plant 3. Machine shops used large quantities of cutting and lubricating oils. The floors in the machine shop areas are wood block laid over the concrete floor. Extensive staining by oil is evident throughout the area and the floor in some areas contains embedded metal cuttings. The machine shop areas have been highlighted on Figure 6.

AOC 16 - Extensive floor staining from cutting and lubricating oils.

2.3.2.18 Boiler Room

The former boiler room for Plant 3, located between columns MM2-NN7, had two trenches in the floor and two boiler blowdown seepage pits located on the side of Plant 3. The pit locations are shown on Figure 18. The discharge point for the trenches is unknown. The blowdown pits are

considered as underground injection wells. Underground injection wells are regulated by the Underground Injection Control (UIC) program in accordance with the Federal Clean Water Act. The UIC program is under the jurisdiction of the Nassau County Department of Health (NCDH). Closure of the blowdown pits will be addresses by Northrop Grumman under the UIC program.

AOC 17 - Boiler blow off (dry wells) and floor drains in boiler room.

2.3.2.19 Router Room

Original Plant 3 design drawings show a router room located between columns A5-D10. A degreasing pit (17-ft long by 9-ft wide by 5-ft deep) was located in the southwest corner of the router room between columns C9 and D10. A dry well was shown in the northeast corner of the pit. TCE degreasing tank 256 is located on column line 15 between columns B and C as shown on Figure 6.

AOC 18 - Former degreasing pit in router room and TCE degreaser tank 256.

2.3.2.20 Dry Wells at Columns GG7 and JJ2

A dry well located at column GG7 was connected to two floor drains. A second dry well was identified at column JJ2. These are potential sources of contamination through spillage of material.

AOC 19- Dry wells at column GG7 and JJ2 connected to floor drains.

2.3.2.21 Diffusion Galleries and Dry Wells

Two diffusion galleries were located south of Plant 3 between columns N0 and N13 as shown on Figure 18. These were connected to roof drains. Each gallery was 100-ft long by 8-ft wide and 8-ft deep. These galleries may have also been connected to floor drains and possibly some process areas.

During review of engineering drawings for Plant 3, it became evident that a number of dry wells were present around the perimeter of Plant 3. In some cases these were connected to catch basins from roadways and parking lots. In some instances dry wells were converted into manholes for the Plant 3 Site stormwater sewer system. In some areas of the facility the drawings show direct connections from floor drains within process areas. These dry wells are discussed in their respective

process area section of this report. In these instances, there is a significant potential for contamination of the soil under the dry well. The locations of all 27 dry wells identified on the design drawings are shown on Figure 18.

A Northrop Grumman drawing numbered 60-021-1 and dated April 7, 1960 shows the existing storm sewer system and identifies proposed modifications to the storm sewer system. Several dry wells, each 15-ft in diameter and 10-ft deep, and manholes were identified by number on this drawing. The numbering system from drawing 60-021-1 has been transposed to Figure 18. In 1960 an existing storm sewer, originating near dry well 10 near the northwest corner of Plant 3, is identified on drawing 60-012-1. This storm sewer flows east to manhole 17. From there it continues east to manhole 12. Manhole 12 flows to manholes 11 and 10, which discharge to the recharge basins. A number of dry wells, numbered from 10 through 6 in descending order from west to east, are identified directly south of the existing storm sewer. Although not explicitly shown on the drawing, it is probable that these dry wells were connected to the storm sewer.

Existing dry wells on the south side of Plant 3 are shown on drawing 60-021-1 connected to a new storm sewer beginning at the diffusion galleries. Three dry wells numbered 21, 22 and 23, south of Plant 3, were connected to the new storm sewer. Dry wells 24, 25, 26 and 27, located east of Plant 3, were converted to manholes. Manhole 27 is shown connected to manhole 12, which discharges to the recharge basins.

AOC 20 - Diffusion galleries south of Plant 3 between columns N0 and N13 and dry wells external to Plant 3.

2.4 Equipment Pits

An assessment and inventory of equipment pits and other foundation depressions was conducted throughout Plant 3. Figure 14 shows the location of pits within Plant 3. The equipment pits housed machine tools for cutting, drilling and forming metal. Some of the pits may have served as reservoirs for lubricants and cutting oils used in the machining processes. Most of the machine tools were either removed, or in the process of being removed at the time of the site inspection. Table 1 presents an inventory and description of the equipment pits in Plant 3.

In addition to the equipment pits, three pits associated with the building's steam supply system were found at columns DD9, DD26, and DD36. These three pits are identical in size (15-ft x 10-ft x 8-ft deep) and are in good condition. These pits contain piping and pumps for the transfer of condensate. A sump is located in the northeast corner of each pit. Each pit has minor accumulations of sediment and minimal staining. None of the steam pits are AOCs.

AOC 21 - Designated equipment pits (27) listed in Table 1.

2.5 Above and Below Ground Petroleum Storage Tanks

This section includes information on above and below ground tanks that are used or have been used to store various petroleum products at Plant 3. Figures 15 and 16 show the location of Underground Storage Tanks (USTs) and Aboveground Storage Tanks (ASTs) respectively that are used or were previously used at Plant 3 for petroleum product storage.

The first available spill prevention, control and countermeasures (SPCC) plan for Plant 3 is dated 1979. SPCC plans for 1985, 1988, and 1994 were also obtained and reviewed. Additional information was obtained from underground storage tank tightness testing records, tank release records, tank registration documentation, and interviews with site personnel. Table 2 provides a summary of UST and AST information for Plant 3.

According to the 1979 SPCC Plan, three USTs were located under the driveway near the southwest corner of Plant 3. These tanks (numbered 03-01-1, 03-01-2 and 03-01-3) were each 25,000 gallons, constructed of steel with asphaltic coating, and were used to store #4 fuel oil. The tanks were not referred to in the 1985 SPCC Plan, and no records were found describing closure activities for these tanks. It appeared that some asphalt had been replaced in this portion of the driveway, possibly indicating removal of one or more of the tanks. According to Northrop Grumman these tanks have been abandoned and possibly removed. A magnetometer study is recommended to verify if the tanks are still in place. Visual inspection of the area did not reveal indications of spills from overfilling or other types of surface releases from these tanks.

One UST is currently located in an unpaved area directly south of Plant 3. This tank, numbered 03-01-4, has a capacity of 550 gallons, is constructed of steel with asphaltic coating, and is used to store diesel fuel. Visual inspection of the area did not reveal indications of spills from overfilling

or other types of surface releases from this tank. This tank was satisfactorily tightness tested on August 16, 1996.

According to the 1979 SPCC Plan, one UST was located under the driveway near the southeast corner of Plant 3. This tank (numbered 03-01-5), had a capacity of 8,000 gallons, was constructed of steel with asphaltic coating, and was used to store #2 fuel oil. The tank was not referenced in the 1985 SPCC Plan and is therefore assumed to have either been removed or abandoned in-place. No records were available describing any closure procedures conducted for this tank. According to Northrop Grumman this tank has been abandoned and possibly removed. A magnetometer study is recommended to verify if the tank is still in place. Visual inspection of the area did not reveal indications of fill caps, vents, patched pavement, spills from overfilling or other types of surface releases from this tank.

According to the 1979 SPCC Plan, six above ground waste oil storage tanks were located east of Plant 3, and south of the Roads and Grounds buildings. The following is a list of pertinent information for each of these tanks:

- Tank 03-13-4: 20,000 gallons; reinforced concrete; used to store waste oil
- Tank 03-13-5: 2,000 gallons; steel; used to store waste oil
- Tank 03-13-6: 1,500 gallons; steel; used to store waste oil
- Tank 03-13-7: 500 gallons; steel; used to store waste oil
- Tank 03-13-8: 500 gallons; steel; used to store waste oil
- Tank 03-13-9: 500 gallons; steel; used to store waste oil

None of these tanks were referenced in the 1985 SPCC Plan. Therefore, they were assumed to have been removed between 1979 and 1985. No closure records have been identified. Most of this area is gravel or soil without vegetation. The only grass present was in an elevated area directly south of the main Roads and Grounds Building. None of the grass areas showed signs of stressed vegetation, however, there were some small areas of soil and gravel that appeared to be stained.

According to the 1985 and 1988 SPCC plans, a 2,000-gallon UST was located north of the Roads and Grounds building, east of Plant 3. This UST (numbered 03-13-15) was used to store #2 fuel oil. On April 11, 1991 Tank No. 03-13-15 was overfilled causing a spill of 1400 gallons through its vent pipe (oil spill #91-00585).On April 17, 1991 this tank was removed and associated contaminated soil

excavated. According to an April 19, 1991 letter from the NYSDEC to Northrop Grumman, some contaminated soil was left in-place when the tank cavity was backfilled. This soil was left in place because of limitations associated with the soil excavation equipment. Three groundwater monitoring wells have been installed at the site and have been sampled regularly. The driveway area has been repaved, and Tank 03-13-15 has been replaced with two 275-gallon above ground storage tanks (ASTs). The new tanks are numbered 03-13-15A and 03-13-15B, respectively, and only appeared in the most recent SPCC Plan for the facility (1994). Visual inspection around the new ASTs did not indicate evidence of releases.

According to the 1979 SPCC Plan, three USTs were located under the driveway east of Plant 3, and directly north of the Roads and Grounds buildings. The following is a list of pertinent information for each of these tanks:

- Tank 03-13-1: 2,000 gallon; steel with asphaltic coating; used to store gasoline
- Tank 03-13-2: 1,000 gallon; steel with asphaltic coating; used to store gasoline
- Tank 03-13-3: 2,000 gallon; steel with asphaltic coating; used to store diesel fuel

The driveway in this area appears to have been repaired in some places, and it is likely that all three of these tanks have been removed or abandoned in-place. No records were available describing any closure procedures conducted for these tanks. Because the tanks are located in the same area as Tank 03-13-15, it is possible that one of these tanks was removed when Tank 03-13-15 was removed. The description of the closure for Tank 03-13-15 mentions discovery and removal of another UST from the same area. Visual inspection of the area did not reveal indications of spills from overfilling or other types of surface releases from these tanks. A magonotemeter study is recommended to determine the presence or absence of these three tanks.

One UST is currently located at the Well No. 9 pump house directly northwest of Plant 3. This 550-gallon UST is constructed from steel with an asphaltic coating, is numbered 03-03-1, and is used to store diesel fuel. According to the SPCC plans, this tank was installed in 1974 and is still currently in place. Visual inspection of the area around the tank, did not indicate staining, stressed vegetation or other indications of surface releases. This tank passed a tightness test on August 15, 1996.

Two ASTs are currently located inside the Plant 3 Fire Pump Room, near the south outer wall of the building. Both 275-gallon steel tanks (numbered 03-01-8 and 03-01-9) are used to store diesel fuel, and are equipped with secondary containment. Neither tank was included in the 1979 SPCC Plan, and Tank 03-01-8 appeared in the 1985 and current SPCC Plans. Tank 03-01-9 first appeared in the most recent SPCC Plan (1994). According to facility records Tank 03-01-8 was installed in 1943, and Tank 03-01-9 was installed in 1992. Visual inspection of the areas around these tanks did not indicate evidence of releases.

One AST is currently located in the facility maintenance area of Plant 3, near the south outer wall of the building. The 275-gallon steel tank (numbered 03-01-7) is located in a small second floor room and is used to store diesel fuel. The tank was not included in the 1979 SPCC Plan, but appeared in the 1985 and current SPCC Plans. According to facility records Tank 03-01-7 was installed in 1977. Visual inspection of the area around this tank did not indicate evidence of any releases.

One UST is currently located under a paved surface, directly north of Plant 3. This 2,500-gallon UST is numbered 03-01-06, and was used to store waste cutting oil generated in Plant 3. According to the SPCC plans, a steel tank with asphaltic coating was originally installed in 1955, and was replaced with a fiberglass tank in 1980. Visual inspection of the area around the tank did not indicate staining or any other indications of surface releases. According to Northrop Grumman discussions on March 4, 1997, this UST is scheduled to be removed within the next six months. It passed a tightness test on August 15, 1995.

The Nassau County Department of Health has regulations that include a UST replacement schedule and tank tightness testing requirements for USTs.

AOC 22 - Existing USTs and former UST locations.

AOC 23 - Waste oil AST area south of Roads and Grounds building.

2.6 Subordinate Buildings and Other Features Associated with the Plant 3 Site

There are numerous support buildings located on the Plant 3 Site. These are described in the following sections. Figures 2 and 15 show the locations of all buildings.

2.6.1 Storage Room at Column N11

This area of Plant 3 was being used for drum storage at the time of Radian's site reconnaissance. The drums which existed in this area contained unidentified compounds. The floor throughout the area was observed to be stained, with the staining extending through three drain holes in the building wall. The concrete outside the building adjacent to this area was stained and vegetation in the area was stressed. This area may have been used to store paint.

AOC 24 - Drum storage with floor staining.

2.6.2 Buildings 003-02, 003-03, 003-04, 003-09 and 003-11 Pump Houses

Five production well pump houses are located outside the perimeter of Plant 3. All of the pumphouses are one story brick structures with a concrete floor. All of the houses in which access was gained also had a sub-grade level that accommodated water piping. Each of the pump houses had one to three sealed drums outside the structures. Because these drums were sealed and not labeled, the contents could not be determined. Discussion with Northrop Grumman employees indicated that the drums contained debris and trash from recent repainting of the pumphouses.

2.6.3 Building 003-13 Roads and Grounds Building

This building is located northeast of Plant 3, next to the former cyanide wastewater treatment system. The west half of this building is comprised of former office space with a locker room and restrooms. Office furniture is still present in the west half of this building. The east half contains a maintenance garage and storage areas. The garage area has a concrete floor with some oil stains. Small quantities of oil, paints, herbicides, and pesticides were stored in the garage and storage areas of the east half. Cases of corrosive bathroom cleaner were also stored here.

At the time of the site reconnaissance, monitoring wells were being installed outside the northeast corner of the roads and grounds building. This building is located in an area under investigation by Northrop Grumman. Three wells are being drilled by Northrop Grumman to investigate a spill resulting from overfilling of UST number 03-13-15 as described in Section 2.5. The original wells dried up and are being replaced.

2.6.4 Building 003-14 Facility Maintenance Storage

This building is located adjacent to the south side of Building 003-15. The building contained a concrete floor with no visible floor drains or staining.

Monitoring wells were being installed outside the front of this maintenance storage building at the time of the site reconnaissance as described in Section 2.6.3.

2.6.5 Building 003-15 Facility Maintenance Garage

This building is located immediately northeast of the Roads and Grounds building, and consists of a maintenance garage and office space. The office portion of the garage had a wood block floor and also contained work benches with small equipment such as grinding wheels and saws. The garage area has a concrete floor and no visible floor drains. Very small quantities of oil, lubricant, and paint were observed in the garage area.

Monitoring wells were being installed outside the front of the maintenance garage at the time of the site reconnaissance as described in Section 2.6.3.

2.6.6 Building 003-17 Equipment Repair Shop

This building is located southeast of Plant 3 and south of the Pesticide Storage Building. The building is currently empty and was apparently used as a repair shop. Very little debris was in the building and no stains or floor drains were visible on the concrete floor.

2.6.7 Chemical Storage Building 003-31 and 003-32

This building is used for storage of various chemicals. At the time of site reconnaissance, eight 55-gallon drums of perchloroethylene and over 50 16-gallon drums of nitric acid were present in Building 003-032. A trench was present, and is considered a potential pathway for the subsurface migration from spills. The trench feeds into a sump located in a small adjacent room. The contents of the sump was pumped out via a sump pump into an outside waste storage tank. Soil sampling has

previously been conducted adjacent to this building by U.S. Navy contractors. U.S. Navy Building 130 is located adjacent to the south side of Building 003-32.

AOC 26 - Potential for historic leaks from chemical storage; current storage of PCE and acid; sump and waste storage tank.

2.6.8 Building 003-33 Transportation Garage

This building is located east of Plant 3 and south of Building 003-32. This building was and is used for storage of heavy machinery such as forklifts, cranes, and tractors. This building also contains two small offices and a locker area. The concrete floor of this building was clean with very few oil stains.

2.6.9 Building 003-35 Maintenance Building

This building is located south of Plant 3, and was a maintenance building and is currently used for storage. Numerous assorted items such as machine parts, pipe, building fixtures, etc. were stored on shelves inside this building. Four 55-gallon drums labeled "diesel fuel" were stored on the shelves, but were found to be empty. No stains were observed on the concrete floor of this building.

2.6.10 Building 003-38 Storage Building

This building is located to the east of Plant 3, and is constructed of steel walls and ceiling and has two garage doors. It is used to store hazardous waste. There is a trench in the concrete floor of this building that flows to two concrete-lined sumps located at both ends of the building. At the time of the site reconnaissance, liquid was present in the sumps. The origin of the liquid could not be determined. No drums were present in the building at the time of the site reconnaissance. This building was a mini-drain marshaling area, and is included in NYSDEC Part 373 hazardous waste permit. This area will be closed under the RCRA permit. No sampling will be performed at this time.

2.6.11 Building 003-41 Storage Shed

A covered outdoor waste metal scrap storage shed is located near location AA17. This shed is constructed of corrugated steel walls on three sides with the fourth side remaining open for access by forklifts. This shed has a concrete floor with a trench approximately 20-ft x 2-ft x 18-inches deep extending across the entrance to the shed. An oily sludge like material was observed to have accumulated in the bottom of the trench. Since the trench floor was unable to be visually examined, this area should be investigated further to determine the existence of any cracks or holes which may have acted as conduits for subsurface contamination. At the time of the site reconnaissance, approximately 15 scrap metal drums were present in the shed. Some of the drums were empty and had an oily liquid in the bottoms.

AOC 27 - Concrete trench with accumulated oily sludge.

2.6.12 Building 003-44 Pesticide Storage Building

This building is located to the east-southeast of Plant 3, and was utilized for the storage of pesticides and grounds maintenance equipment. Currently, the building also is being used to store power equipment such as mowers, pumps, tractors, etc. The following pesticides have been stored in the shed: MCPP, 2,4D, Dicamba, Betasan 2E, Amitrol, Prometon, Orthane, Malathion, Captan, and Barbaryl (see Table 3). At the time of Radian's June 18, 1996 site visit, the following chemicals were present: Roundup, Trimec Broadleaf Herbicide, Surflan, Gordon's Dyclomes 4G, and one 55-gallon drum of Drexal Damoil. There is an existing floor drain which has been identified as a potential pathway for the subsurface migration of spilled or leaked pesticides. In addition, an oil leak from an air compressor was observed. During Radian's February site visit, a 3-gallon container of Prometon had leaked onto the concrete floor of the building. No drawings showing the discharge point for the floor drain were found. Smoke testing will be necessary to locate the discharge location. See Figure 15 for the location of this AOC.

AOC 28 - Pesticide storage with a floor drain.

2.6.13 Building 003-52 Well Water Treatment Building

This structure includes an air stripper tower and is located outside the northern portion of Plant 3. The structure is one story and constructed of steel with a concrete floor. The floor appeared to be in good condition, with no visible cracks or stains. The water pump inside the building and the permitted air stripper were in operation during the site reconnaissance. Treated water is stored in a sump under the building. This facility provides treatment of water from production wells 10 and 11. Treated water is used for noncontact cooling and is discharged to the recharge basins under a SPDES permit.

2.6.14 Flammable Storage Shed next to Propane Storage Shed (Unnumbered)

This shed is located east of Plant 3 and southeast of the transportation garage. This shed is constructed of wood and has a concrete floor. At the time of the site reconnaissance, five small propane cylinders were located inside the shed, and four large propane cylinders were located outside the east wall of the shed. A flammable liquid storage shed is adjacent to the north wall of the propane shed. Small quantities of motor oil and gasoline were stored in this structure. The plywood floor of this shed was heavily stained with oil and may have allowed leakage to the subsurface.

AOC 29 - Potential for leaks from the storage of flammable liquids.

2.6.15 Unidentified Storage Sheds (Unnumbered)

Three storage sheds are located in the vicinity of the maintenance and the Roads and Grounds building. The northern-most of the three sheds is used to store small machine parts, tools, etc. The middle of the three sheds contains three 55-gallon drums and two 20-gallon drums of motor oil and lubricant. The floor of this shed is made of plywood and was heavily stained with oil. The southern-most of the three sheds is currently empty, but was used for the storage of pesticides. The pesticides were stacked on pallets on the plywood floor of this shed. A noticeable pesticide odor was detected on entering this shed.

AOC 30 - Potential for leaks of oil and pesticides through plywood floor at middle and southern shed.

2.6.16 Subsurface Vault Near Location AA-11

This vault (8-ft x 5-ft) has been partially filled with soil and metal scraps. Since the bottom of the vault could not be inspected at the time of the site reconnaissance, it was not possible to determine if any cracks or holes were present. If any cracks or holes are present, then they could act as conduits for subsurface migration of cutting oils which may be associated with the metal scraps.

AOC 31- Subsurface vault filled with soil and metal scraps.

2.6.17 Building 10-02 Storage Building (Guard Shack)

This building is located south of Plant 3 and west of Building 003-35. This building was formerly used as a guard shack, and currently contains office furniture and papers.

2.7 Use of Chemicals and Raw Materials

The property was used primarily for the production of aircraft and related parts. In support of this activity, various areas of the Plant 3 Site procured and stored metals and hazardous chemicals. The primary metals used were aluminum and titanium. The major chemicals used included:

Nitric Acid	#2 Fuel Oil
Chromic Acid	Diesel Fuel
Sulfuric Acid	Pesticides
Hydrofluoric Acid	Perchloroethylene
Sodium Hydroxide	Trichloroethylene
Sodium Gluconate	Amchem 7-17
Cutting Oils	Sodium Sulfide
Lubrication Oils	Ridolene 53
Paints	Sodium Dichromate
Oakite 164	1,1,1-Trichloroethane
Toluene	Methylethylketone (MEK)

2.8 Chemical and Fuel Oil Storage Areas

Paint and solvents were stored in drums and 5-gallon cans in the Plant 3 mixing area prior to distribution to the paint shops. Acids, bases, metal conditioners, and cleaning agents for the process lines in Plant 3 were stored in tanks and drums located in buildings on the east side of Plant 3.

Aboveground tanks had secondary containment structures. Tanks ranged in size from 500 to 10,000 gallons. Only methanol, TCE and PCE were stored on site in bulk storage tanks. All other chemicals were purchased in drums. Other chemicals purchased in bulk were placed directly into process tanks and makeup requirements were supplied from drummed material.

Fuel oil and gasoline at NWIRP Bethpage are stored in underground and aboveground tanks located at various points on the Plant 3 Site (see Section 2.5). Tank characteristics are presented in Table 2.

Two below ground tetrachloroethylene (PCE) bulk storage tanks 1090 and 1091 and one PCE aboveground bulk storage tanks numbered 1207 were utilized for Plant 3. Trichloroethylene (TCE) was supplied to degreasers throughout Plant 3 from three aboveground storage tanks numbered 1271, 11, and 885. Tanks 1090 and 1091 were located near columns DD47-EE47 and tanks 1207 and 1271 were located near columns CC46-DD46. Tanks 11 and 885 were located at columns AA32-AA33 and AA44 respectively. PCE and TCE tank locations are shown on Figure 6.

AOC 32 - PCE USTs 1090 and 1091; PCE aboveground storage tank 1207, and TCE aboveground storage tanks 11, 885 and 1271.

2.9 Plant 3 Process Waste Handling Systems

During Radian's site visit, two types of waste storage areas were identified for Plant 3. These are bulk liquid outdoor waste transfer tanks, and small volume drummed waste accumulation areas. Bulk waste transfer areas were used for the temporary outdoor storage of liquid wastes prior to off-site disposal or treatment at the Northrop Grumman treatment plant. Bulk liquid transfer tanks are discussed in Section 2.3.2, Process Areas, and in Section 2.3.1, Paint Booths. Table 4 provides a description of existing waste transfer tanks within the Plant 3 study area.

Numerous small volume accumulation areas were used for the segregation and accumulation of wastes generated on a daily basis from Plant 3 operations. A detailed inventory of waste transfer locations and small quantity waste accumulation areas was provide in a submission to the Nassau County Health Department, identified as drawing E-69-014, and dated April 22, 1988. Radian conducted a site reconnaissance to identify and inspect all waste accumulation areas, see Figure 17.

Table 5 provides the results of this survey. There were a total of 27 locations identified in Plant 3 where wastes were accumulated.

AOC 33 - Designated waste accumulation areas as shown on Table 5.

2.9.1 Former Drum Marshaling Area - East of Plant 3

A Former Drum Marshaling Area existed east of Plant 3. The area was comprised of two (2) small independent storage areas. These areas were used for the storage of 55-gallon drums which were reported to contain halogenated and non-halogenated solvents, oils, and cadmium wastes. These areas were reported to store from 200 to 600 drums at a time, and were in operation from the 1950s to 1981. Previous extensive environmental investigations have been performed by the U.S. Navy contractors. These studies revealed subsurface soil contamination from metals, PCBs and solvents. The leaching pits for the Plant 3 sanitary waste disposal system were also located in this area. Owing to the extensive investigative efforts by the U.S. Navy and planned remediation, this area will not be further investigated by Northrop Grumman.

2.9.2 Cyanide Wastewater Treatment System

Adjacent to Plant 3, a cyanide wastewater treatment system operated from the early 1950s to 1974. The treatment system operated from a former building south of the Roads and Grounds Building. It is uncertain at this time if treated wastewater was discharged into the leach field system south of the Roads and Grounds Building. This area was investigated by the Navy through a RFA in 1991 and in accordance with Northrop Grumman's Part 373 hazardous waste permit corrective action section, the cyanide treatment system does not represent a threat to human health or the environment. Therefore, no further action is required.

2.9.3 Waste Generation and Disposal Practices

Many different types of waste and recycled items were generated at Plant 3. These items include the following:

- Waste Paper
- Food wastes from cafeteria
- Liquid chemical wastes

- Waste oils, cutting fluids, and hydraulic fluids
- Sanitary waste
- Scrap metal
- Waste Rags

Beginning in the early 1950s (unless otherwise noted) the recycled items at Plant 3 included:

- Aluminum
- Iron
- Steel
- Titanium
- Plastic
- X-Ray Film (since 1967)
- Wire
- Computer Cards

Liquid wastes from 1949 to 1984 were treated at the Plant 2 IWTP or shipped off-site for treatment and disposal. Prior to the construction of the Plant 3 IWTP, dilute nonchromate rinse waters were directed to the groundwater recharge basins. From 1984 to the present wastes were treated at the Plant 3 IWTP or shipped off-site for treatment and disposal. Plant 3 utilized a septic system located east of Plant 3 for sanitary wastes until 1970. Beginning in 1983 all sanitary wastewater was discharged to the Nassau County sewerage system. The septic leach field area was investigated by the U.S. Navy with NYSDEC oversight, and a Record of Decision has been issued. Between 1970 and 1983 sewage was treated by a secondary treatment system that discharged to the recharge basins under a SPDES permit.

2.10 PCB-Containing Equipment

Tranformers: Three PCB containing transformers were located within the Plant 3 Site. Their locations are shown on Figure 15.

Transformer AA (2000 KVA) contained 465 gallons of oil containing 37,000 ppm of PCBs. It was replaced in September 1987 with a non-PCB oil cooled transformer. This transformer is in a locked area on a concrete slab in good condition. No visible staining was noted.

Transformer Z (1500 KVA) contained 400 gallons of oil with 30,000 ppm of PCBs. It was replaced in December 1990 with a dry transformer. Cracked concrete at the base of the transformer was noted but no staining was observed.

Transformer 134-3A (5000 KVA) contained 1000 gallons of PCB containing oil (140 ppm). It was flushed and refilled in 1988 with non-PCB containing oil. This transformer was in a fenced in area on a concrete slab in good condition. No visible staining was noted.

Old Autoclave Area: An autoclave process area existed near column NN40. This autoclave used PCB containing oil as a heat transfer fluid. According to site interviews with Northrop Grumman personnel, there were leaks associated with this autoclave during its period of operation. PCB's are recognized by the U.S. Environmental Protection Agency (USEPA) as a highly carcinogenic compound, and have been determined to be an extreme threat to human health. See Figures 6 and 15 for the location of the autoclave area.

Two other dry wells were identified near the location of the former cooling pit for the autoclave furnace. These dry wells may have received water from the cooling pit. The cooling pit is shown on drawing 60-021-1 as being connected to manhole 25 by a 10-in. concrete pipe.

Northrop Grumman drawing number 63-105-M1 dated September 15, 1963 provides details for the floor drainage system in the old autoclave area south of column NN at the south east corner of Plant 3. The floor drains were connected to dry well 23 by a 6-in. pipe.

AOC 34 - Use of PCB containing heat transfer fluid and reported leaks of heat transfer fluid; drain pit near column LL41; waste cooling pit and dry wells near column KK42; and dry wells 23 and 25.

2.11 Water Systems, Surface, Supply, Septic and Sanitary

Potable water is piped to the property from the Bethpage Water District. Five water supply wells and pump houses are located on the plant site. These are shown on Figure 2. Non-contact cooling water accounted for the major water usage at the site; it was recharged to the ground through recharge basins under a SPDES permit. No active septic systems currently exist on the property.

A 30-ft x 70-ft sanitary sludge drying bed was centered approximately 520 ft due east of the northeast corner of Plant 3. The bed elevation was 117.50 ft. The sludge may have been contaminated from industrial waste discharges to the sanitary system.

AOC 35 - Sludge drying bed

2.12 Unbiased Random Sampling Locations

Hazardous materials were used extensively throughout Plant 3. The above identification of AOCs addresses specific process areas where hazardous materials were used in the manufacturing process, areas where these materials were stored and waste storage areas. To increase the probability of locating potentially unidentified pathways for the release of hazardous substances, 16 unbiased and randomly selected sample locations, not associated with known process areas, will be sampled. Samples will be analyzed for the full range of probable contaminants associated with Plant 3.

AOC 36 - Unbiased random locations.

3.0 SITE HISTORY

The Plant 3 area was developed in the early 1940's by Northrop Grumman as a manufacturing facility for naval aircraft. The area was used for agriculture prior to 1941. The original plant was enlarged several times:

- Heat Treat Area A
- Heat Treat Area B
- Portable Relocatable Office Module (PROM Office Area)

The following lists various process lines within Plant 3 and their approximate dates of operation.

• Old Chem Mill	1955 - 1980
• Former Heat Treat Area	1942 - 1966
• Heat Treat A	1966 - 1994
• Heat Treat B	1982 - 1994
• Old Alodine	1942 - 1967
• Penetrant (Zyglo) Inspection	1955 - 1994
• Printed Circuits	1962 - 1967
• Polyethylene Glycol	1967 - 1983
• Honeycomb Cleaning	1960 - 1983
• Chem Mill Clean (Flowcoat Clean)	1967 - 1994
• Chromic Acid Anodize	1965 - 1994
• Sulfuric Acid Anodize	1967 - 1994
• Chem Mill Flowcoat	1967 - 1994
• Chem Mill Etch	1967 - 1994
• Plating	1942 - 1974
• Autoclave	1959 - 1983
• Painting	1942 - 1994
• Engraving	1942 - 1994
• Duct	

During Plant 3's 50 plus years of operation, many different processes have been utilized. Entire process lines were moved and expanded during operations. Figure 6, Process Areas - Plant 3, identifies the location of all process areas.

The U.S. Navy, the owner of the NWIRP, had conducted numerous site assessments, site investigations and performed remedial actions to address contamination of soil and groundwater at

the NWIRP facility. In addition, Northrop Grumman also conducted site investigations and has initiated a groundwater treatment plan for the entire Bethpage facility including the GOCO property.

The U.S. Navy investigations identified three areas on the NWIRP property requiring detailed investigation:

- Former Drum Marshaling Area - East of Plant 3.
- Recharge Basins - Northeast of Plant 3 Site.
- Salvage and Storage Area - Directly North of the Plant 3 Site.

The U.S. Navy studies culminated in the issuance of a Record of Decision (ROD) dated July 5, 1995. The ROD was jointly issued by the Commander, Naval Air System Command and Director, Division of Hazardous Waste Remediation of the NYSDEC.

The ROD has been included in Appendix D. The ROD provides an excellent overview of the sight history, the U.S. Navy investigations, and the remedial actions for the site.

4.0 ENVIRONMENTAL RECORDS REVIEW

A review was performed of available standard environmental records. The records reviewed included various investigations, regulatory agency databases, state and local agency files, aerial photographs, chain of title and other appropriate records. Regional geologic and hydrogeologic conditions at this site were also evaluated.

4.1 Northrop Grumman Document Review

Various Northrop Grumman AutoCAD-generated plans and micro-film engineering drawings were reviewed for configuration of the building interiors. These files were reviewed to determine the buildings original configurations and to identify any modifications which may have been made. These drawings were examined to identify former drains, sinks, sumps, or dry wells which may have acted as conduits for the migration of contaminants. Files reviewed included:

- Roof drain schematic drawings
- Schematic drawing of underground drainage systems
- Engineering drawings for Plant 3
- Process area drawings and records

The results of this review are provided in Section 2.0 and 3.0 of this report. In addition, a review was performed of previous environmental investigations that have been conducted at the Northrop Grumman facility. Discussion of these investigations is provided in the following section. All reviewed reports are listed in Section 7.0.

4.1.1 Previous Environmental Investigations

This section summarizes the results of environmental investigations previously conducted on or near the Northrop Grumman Bethpage facility by the USGS, U.S. Navy and OCC/RUCO Polymer Corporation. Although none of these investigations focused exclusively on the Plant 3 property, they did focus on the overall conditions found within the Northrop Grumman facility.

USGS Study: Bethpage-Hicksville-Levittown Area

Beginning in 1985, the USGS conducted an investigation of the hydrogeology and groundwater quality of the Bethpage-Hicksville-Levittown area, in Nassau County, New York. The study included the Northrop Grumman Bethpage facility (which included the GOCO facility) and the OCC/RUCO Polymer Corporation site. The results of the study were summarized in three reports:

1. Geohydrology of the Bethpage-Hicksville-Levittown Area, Long Island, New York. Smolensky and Feldman, 1990: Summarizes the geology, groundwater elevations, and flow directions in east/central Nassau County.

2. Groundwater Quality in the Bethpage-Hicksville-Levittown Area, Long Island. Smolensky, et al. 1992: Summarizes groundwater quality in the east/central Nassau County.

3. Three-Dimensional Advective Transport of Volatile Organic Compounds in Groundwater Beneath an Industrial/Residential Area of Nassau County, New York. Smolensky and Feldman, 1994: Summarizes the results of groundwater modeling activities.

In general, the first report (Smolensky and Feldman, 1990) describes a regional southward horizontal groundwater flow direction that is locally influenced by groundwater withdrawal and recharge beneath the Northrop Grumman facility.

The second report (Smolensky, et al., 1992) describes the presence of a VOC plume beneath and extending southward from the Northrop Grumman and OCC/RUCO Polymer sites. The plume was reported to be approximately 5,700-ft wide, 12,000-ft long, and more than 500-ft thick. The VOCs most frequently detected in the groundwater were trichloroethylene (TCE) and tetrachloroethene (PCE), with concentrations exceeding 1,000 μg/l.

The third report (Smolensky and Feldman, 1994) documents the construction, calibration and use of a groundwater flow and particle tracking model covering the Bethpage-Hicksville-Levittown study area.

U.S. Navy Investigations

In 1986, a report entitled *Initial Assessment of NWIRP Bethpage, NY and NWIRP Calverton, NY* was submitted to the Naval Energy and Environmental Support Activity. This report detailed the results of the initial assessment study which had been conducted at both the Northrop Grumman Bethpage and Calverton facilities. The study identified areas which were determined to be of environmental concern based upon past and present usage. The former Drum Marshaling Area, east of Plant 3 was identified as Site 7 and was recommended for further investigation.

In May 1992, a Phase I Remedial Investigation of the NWIRP, Bethpage, New York was completed by Halliburton, NUS Corporation under the U.S. Navy Installation Restoration Program. This investigation included a soil gas survey, soil sampling, surface water and sediment sampling, monitoring well installation, and groundwater sampling. Three sites, the former drum marshaling area (east of Plant 3), the salvage area, and the recharge basins were investigated. Findings from the report are summarized below:

The soil gas survey results for the former drum marshaling area, recharge basin, and salvage storage areas indicated potential solvent contamination. The results of the soil sampling program confirmed the presence of solvents at the former drum marshaling area, with detections of PCE and TCE at concentrations up to 4,800 μg/kg. In addition, soil sampling results revealed elevated concentrations of polychlorinated biphenyls (PCBs), up to 7,900 μg/kg, inorganics, and polynuclear aromatic hydrocarbons at the three sites, and pesticides at concentrations up to 440 μg/kg in the former drum marshaling area.

VOCs were detected in groundwater samples from the former drum marshaling area, the salvage storage area, and the recharge basins. The maximum concentrations of VOCs in the shallow groundwater near the former drum marshaling area were TCE (1,100 μg/l), PCE (430 μg/l), 1,1,1-TCA (10,000 μg/l), 1,1-DCA (880 μg/l), 1,1-dichloroethene (250 μg/l) and 1,2-DCE (3,600 μg/l). Groundwater from monitoring well HN-24, located in the southeast corner of the Plant 3 Site, had concentrations of TCE up to 58,000 μg/l.

In October 1993, a Phase II Remedial Investigation of the NWIRP, Bethpage, New York was completed by Halliburton, NUS Corporation. The investigation included a soil gas survey, soil sampling, monitoring well sampling and groundwater sampling. In addition to the sites investigated

during the Phase I Remedial Investigation, The Phase II also included an investigation of Plant 3, the well HN-24 area, and off-site areas to the east/southeast.

In general, the groundwater data collected during the Phase II Remedial Investigation found concentrations of VOCs at the former drum marshaling area, at Plant 3 and in off-site monitoring wells. The groundwater near the former marshaling area contained VOCs: TCE (340 μg/l), PCE (1,400 μg/l), 1,1,1-TCA (690 μg/l), 1,1-DCA (120 μg/l), and 1,2-DCE (220 μg/l). The groundwater near Plant 3 contained concentrations of TCE up to 12,000 μg/l. Table 6 provides a summary of TCE concentrations in groundwater, soil and soil gas at the Plant 3 Site.

OCC/RUCO Polymer Corp. Investigation

In August 1992, a Remedial Investigation which included a soil gas survey, an electromagnetic conductivity survey, recharge basin sediment and surface water sampling, shallow and deep soil sampling, and groundwater sampling was completed for the OCC/RUCO Polymer site. The data summarized below was gathered from the OCC/RUCO draft Remedial Investigation Report (Leggette, Brashears & Graham, Inc., 1990).

Soil samples collected during the remedial investigation contained the following maximum concentrations: TCE (7,600 μg/kg), PCE (57,000 μg/kg), ethylbenzene (950 μg/kg), toluene (390 μg/kg), PAHs (7,700 μg/kg), phenols (120,000 μg/kg), phthalates (120,000 μg/kg), and PCBs (2.1 mg/kg). The sediments from the recharge basins were found to contain toluene and 1,2-DCE at concentrations of 260 μg/kg and 76 μg/kg. PAHs and phthalates at concentrations of 2,180 μg/kg and 9,580 μg/kg were also found in the RUCO recharge basin sediments.

The groundwater sampling from on-site wells found the following VOCs: PCE (85 μg/l), TCE (14 μg/l) and vinyl chloride (560 μg/l).

Northrop Grumman Phase I and Phase II Remedial Investigations

In February 1991 and August 1992, respectively, Phase I and Phase II Remedial Investigations were performed by Geraghty & Miller, Inc. for the Northrop Grumman at the Bethpage, New York facility.

The remedial investigations were performed for the entire Northrop Grumman Bethpage facility, excluding the GOCO facility. The investigations included a soil gas survey, soil sampling, recharge basin water and sediment sampling, and groundwater sampling.

The Northrop Grumman Phase I and Phase II Remedial Investigations were based on a review of existing site history and previously collected groundwater data (U.S. Navy Investigation, Halliburton, NUS, 1993). In addition to a review of existing data, supplemental soil gas, soil sample and groundwater data collected was also gathered as part of the Geraghty & Miller, Inc. Phase I and Phase II Remedial Investigations.

Record of Decision

In May 1995, a Record of Decision (ROD) for the NWIRP (GOCO) facility was signed by representatives from the U.S. Navy and NYSDEC. The ROD was signed in accordance with the New York State Environmental Conservation Law (ECL), and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). As a result of the ROD, an interim groundwater pump and treat system has been installed along the south side of the Bethpage facility, which is intended to act as a hydraulic barrier to prevent on-site groundwater contamination from migrating off-site. A copy of the ROD is included in Appendix D.

4.1.2 Aerial Photograph and Topographic Map Review

Eleven aerial photographs were available for review. The photos were made available by Northrop Grumman and by aerial photograph companies. Photographs were reviewed using hand lens. The aerial photographs indicated the property used to be used for agricultural purposes. Table 7 provides the aerial photograph review.

The topographic map (Huntington, NY Quadrangle, dated 1967, photo revised 1979) was reviewed. The site shows additional building construction near the northwestern and southeastern building corners. Construction apparently took place between 1967 and 1979. The map shows six bodies of water (square shaped ponds) located approximately northeast of the property. These ponds do not currently exist. The map shows the two infiltration ponds located north of the site.

4.2 Local Regulatory Agencies

In conducting this survey, state and local agencies were contacted for file searches regarding the Plant 3 property and the subsequent results are described in the following sections.

4.2.1 New York State Department of Environmental Conservation (NYSDEC)

On July 25, 1996, Radian personnel reviewed the Northrop Grumman files at the NYSDEC, Stony Brook, New York regional office. Many of the documents and information had already been reviewed at Northrop Grumman's Environmental Library at Plant 1. The information reviewed included:

- Annual NYSDEC RCRA Site Inspection Reports from 1987 to 1995.
- Additional spill event notification letters to NYSDEC.
- U.S. Navy RI/FS public meeting presentation materials.
- NYSDEC Notice of Violation Letter dated August 1, 1986 for SPDES Permit No. NY0096792.
- Additional information concerning sludge drying beds, container storage areas, and the cyanide wastewater batch treatment unit located northeast of Plant 3.

The Northrop Grumman Bethpage Facility was first listed on the state's Registry of Inactive Hazardous Waste Disposal Sites in 1983, as a Class 2a site. In 1988, a Class 2 designation was assigned to the facility. In 1992, the Bethpage facility was separated into two sites, the NWIRP site and the Northrop Grumman Bethpage facility. Through a consent order with the NYSDEC an on-site and off-site Remedial Investigation/Feasibility Study (RI/FS) of the Bethpage facility was initiated. The first phase of the RI was submitted in January 1992 and a final RI was submitted in September 1994.

4.2.2 Nassau County Department of Health

On July 24, 1996 Radian personnel reviewed the Northrop Grumman files at the Nassau County Department of Health in Mineola, New York. The majority of the material reviewed had been previously reviewed at Northrop Grumman's Plant 1 Environmental Library. No documents were copied, but notes were taken on some of the U.S. Navy's environmental work to date.

4.2.3 Nassau County Fire Marshal

Radian sent two written requests for file review, but no response was ever received from the Nassau County Fire Marshal.

4.3 Property History Search

The property title search was performed by Land Title Research. Nine title chains were identified. The property is located on lots 16, 18 and 29 of the Nassau County Lot 61 of USA lot No. 889. The current owner is the U.S. Navy. The chain of title and tax maps are provided in Appendix B.

4.4 Standard Environmental Regulatory Agency Database Review

An environmental agency's database review was conducted to identify properties that may pose a potential environmental impact to the property. Radian contracted Environmental Data Resources, Inc. (EDR) to perform an agency/regulatory database search of properties within a 1-mile radius of the property. The results of this database search are presented in a report dated April 12, 1996. The EDR report is included in Appendix C.

The following sections describe the results of the EDR database search. Only those properties listed in the database as being pertinent to the property or within the ASTM minimum search distance are provided in the text of this report. Other properties outside the ASTM search distances are included in the EDR report. EDR designates sequential site numbers for properties identified in the database report. These sites are identified geographically from north to south on the database map. For cross-reference, the EDR site number is referenced after the site listing in this report. The databases reviewed, their release dates by the agencies, and the results are presented below.

4.4.1 Federal ASTM Records

National Priorities List (NPL) - September 1995: The NPL is the USEPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) or Superfund program. A site must meet or surpass a predetermined hazard ranking system score to be placed on

the NPL list, or meet three specific criteria set jointly by the U.S. Department of Health and Human Services and the USEPA in order to become an NPL site.

One site within a 1-mile radius (ASTM standard) of the property was listed on this database.

RUCO Polymer Corp.
New South Road
Hicksville, NY 11801
(EDR site # 53)

According to the EDR report, this site (formerly known as Hooker Chemicals and Plastics Corporation) is considered a significant threat to public health or environment - action required. The site is currently under a remedial design. Groundwater on the adjacent site contains vinyl chloride. Efforts to address off-site groundwater concerns are underway.

According to EDR, the RUCO site had three lagoons that were used for waste disposal from 1947 through the late 1970s. The depth to groundwater is 50-ft. Soil and groundwater is contaminated with vinyl chloride and other chlorinated hydrocarbons. The property, the Northrop Grumman facility and the Bethpage Water District (BWD) Supply Wells are down gradient from the site. The groundwater at BWD Plants 4 and 6 is contaminated and is currently being remediated via a groundwater treatment facility. The BWD Plant 5 is planning a treatment facility in anticipation that the contaminated groundwater will reach the wells at this facility in the future.

RUCO Assessment: Groundwater and contaminant migration from the RUCO site presents a threat to the groundwater below the GOCO property.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) - November 1995: CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of CERCLA. CERCLIS includes sites which are either proposed for or are already on the NPL and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Three CERCLIS sites were found within 1-mile radius of the property (ASTM standard one-half mile). Two sites within a one-half mile radius are listed below:

Servo Corporation of America 111 New South Road Hicksville, NY 11801 (EDR site # 70)	RUCO Polymer Corp. New South Road Hicksville, NY 11801 (EDR site # 53)

According to the EDR report, Servo Corporation of America is currently under investigation by the government to assess the extent of further action. The evaluation indicated a compliance violation. This site is located such that groundwater flow is side gradient to Plant 3.

RUCO Assessment: As discussed in the NPL section above, the RUCO site is potential source of ground water contamination at the GOCO site.

4.4.2 Federal Non-ASTM Records

Superfund (CERCLA) Consent Decrees (CONSENT) - September 1995: Major legal settlements that establish responsibility and standards of cleanup at NPL (Superfund) sites are released periodically by U.S. District Courts after settlement by the litigants.

No sites were identified within a 1-mile radius of the property.

RCRA Corrective Action Sites (CORRACTS) - October 1995: The USEPA maintains this database of RCRA facilities which are undergoing "corrective action." A "corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.

Two (2) sites within a 1-mile radius of the property were identified.

LILCO Hicksville Op. Center 175 E. Old Country Road Hicksville, NY 11801 (EDR site #25)	RUCO Polymer Corp. New South Road Hicksville, NY 11801 (EDR site # 53)

According to the EDR report, LILCO is currently under investigation by the government to assess the extent of further action. This site was assigned a low priority rating. A RCRA Facility Investigation has been completed and the corrective action process was terminated. The evaluation indicated a compliance violation.

RUCO Assessment: See assessment provided previously in NPL Section

Facility Index System (FINDS) - September 1995: FINDS contains both facility information and "pointers" to other sources that contain more detail. These include:

- RCRIS (USEPA's RCRA Information System)
- PCS (Permit Compliance System)
- AIRS (Aerometric Information Retrieval System)
- FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System)
- FTTS (FIFRA, TSCA Tracking System)
- CERCLIS, DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes)
- TSCA Chemicals in Commerce Information System (CICIS), PADS, RCRA-J (medical waste transporters/disposers), TRIS and TSCA

Ninety (90) sites within a 1-mile radius of the property were identified. These sites are presented in the EDR report in Appendix C.

Assessment: This database provides a list of facilities and does not provide soil or groundwater information for use in evaluating potential threat to property

Hazardous Materials Information Reporting System (HMIRS) - December 1995: Hazardous Materials Incident Report System contains hazardous material spill incidents reported to DOT.

No incidents were reported within a 1-mile radius of the property.

Material Licensing Tracking System (MLTS) - August 1995: MLTS is maintained by the Nuclear Regulatory Commission (NCR) and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NCR licensing requirements.

No sites within a 1-mile radius of the property were identified.

Federal Superfund Liens (NPL LIENS) - October 1991: Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to

recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of files notices of Superfund liens.

No sites within a 1-mile radius of the property were identified.

PCB Activity Database System (PADS) - October 1994: PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCBs who are required to notify the USEPA of such activities.

No sites within a 1-mile radius of the property were identified.

RCRA Administrative Action Tracking System (RAATS) - April 1995: RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the USEPA.

No sites within a 1-mile radius of the property were identified.

RCRIS, Small Quantity Generator - October 1995: The USEPA's RCRA Information System identifies facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. The RCRA Small Quantity Generator database tracks facilities which generate less than 1,000 kg/month of non-acutely hazardous waste.

Forty-eight (48) sites within a 1-mile radius of the property were identified. These sites are presented in the EDR report in Appendix C.

Assessment: This database provides a list of facilities and does not provide soil or groundwater information for use in evaluating potential threat to property.

RCRIS, Large Quantity Generator - October 1995: The USEPA's RCRA Information System identifies facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. The RCRA Large Quantity Generator database tracks facilities which generate at least 1,000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste.

Thirty-nine (39) sites within a 1-mile radius of the property were identified. These sites are presented in the EDR report in Appendix C.

Assessment: This database provides a list of facilities and does not provide soil or groundwater information for use in evaluating potential threat to property.

Records of Decision (ROD) - March 1995: ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

No sites within a 1-mile radius of the property were identified.

Toxic Chemical Release Inventory System (TRIS) - December 1992: TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

One (1) site within a 1-mile radius of the property was identified. This site is listed below.

Ruco Polymer Corp.
New South Road
Hicksville, NY 11801
(EDR site # 53

Ruco Assessment: See assessment provided previously in NPL Section.

Toxic Substances Control Act (TSCA) - January 1995: TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. USEPA has no current plan to update and/or re-issue this database.

No sites within a 1-mile radius of the property were identified.

4.4.3 State of New York ASTM Records

Leaking Underground Storage Tank (LUST) Incidents Report - December 1995: UST records contain an inventory of reported LUST incidents.

Ninety-seven (97) sites were found within a 1-mile radius of the property (ASTM standard ½-mile). Twenty-four (24) sites within a ½-mile radius are listed below:

Getty Petroleum
723 South Oyster Bay Road
Plainview, NY 11803
(EDR site #21) - note 1

Mobil S/S #17-KKJ
755 S. Oyster Bay Road
Bethpage, NY
(EDR site #22) - note 1

Structural Industries Inc.
96 New South Road
Hicksville, NY 11801
(EDR site #27) - note 1

Bonanza Fabric Co.
35 Karin Lane
Hicksville, NY
(EDR site #38) - note 2

Henry Soluk, Owner
30 Floral Ave.
Bethpage, NY
(EDR site # 47) - note 2

Shell Oil Co.
Stewart & Farmers
Bethpage, NY 11714
(EDR site # 48) - note 2

LILCO
Evergreen & Spruce Ave.
Bethpage, NY
(EDR site # 51) - note 4

Gabrielli Truck Sales Ltd.
880 S. Oyster Bay Road
Hicksville, NY
(EDR site # 57) - note 2

Mineola Mack Inc.
880 S. Oyster Bay Road
Hicksville, NY 11801
(EDR site # 57) - note 2

Bethpage Metro
900 Stewart Ave.
Bethpage, NY
(EDR site # 60) - note 2

Metro S/S
900 Stewart Ave.
Bethpage, NY
(EDR site # 60) - note 2

Grumman Aerospace Corp.
Stewart Ave.
Bethpage, NY
(EDR site #65) details on following page.

Festante Residence
82 Sycamore Ave.
Bethpage, NY
(EDR site # 66) - note 3

Nassau Blue Flame Inc.
3 Washington Pky.
Hicksville, NY
(EDR site # 69) - note 3

Bertan Assoc.
121 New South Road
Hicksville, NY
(EDR site # 70) - note 3

Meenan Oil
121 New South Road
Hicksville, NY
(EDR site # 70) - note 3

Servco Corp. of America
111 New South Road
Hicksville, NY 11801
(EDR site #70) - note 3

Long Island Development
101 New South Road
Hicksville, NY
(EDR site # 70) - note 3

ERM Northeast
335 New South Road
Hicksville, NY
(EDR site # 73) - note 3

Variety Petrol (P & G Fuel)
317 New South Road
Hicksville, NY
(EDR site # 73) - note 3

Avis Car Rental
980 South Broadway
Bethpage, NY
(EDR site # 82) - note 3

Al Adriano Residence
159 12th Street
Bethpage, NY
(EDR site # 83) - note 3

NYNEX Vehicle
Sherman Ave. & S. 6th Street
Bethpage, NY
(EDR site # 86) - note 3

James Bell Residence
127 South 1st Street
Bethpage, NY
(EDR site # 86) - note 3

Description of Notes:

note 1: Up-gradient location/ Status is resolved, spill has been cleaned up and closure completed.
note 2: Lateral-gradient location/ Status is resolved, spill has been cleaned up and closure completed.
note 3: Down-gradient location/ Status is resolved, spill has been cleaned up and closure completed.
note 4: Lateral-gradient location/ Active spill (ongoing).

LUST Assessment: Due to current status, distance from property, and groundwater flow direction these sites do not appear to pose a threat to the property.

Details of Grumman Aerospace Corp. (EDR site #65) are provided below:

Thirty-three (33) LUST sites are identified for site #65, Northrop Grumman EDR identified five LUST sites on the Plant 3 Site. These can be found on pages 102, 105, 109, 110 and 112 of the EDR Report and are summarized as follows:

1. Grumman Aerospace, east end of Plant 3: Spill of 2 gallons of hazardous material on December 20, 1988. Status: Case is resolved, spill was cleaned up, and all

paperwork completed. This is incorrectly reported as a LUST event by EDR. See item 7 in Section 4.5.

2. Grumman Plant 3: Tank test failure of a petroleum storage UST. No release quantity reported. Failure reported in August 11, 1994. Status: No action taken, active spill (ongoing). This is not a LUST site and is listed under spill #92-06455. This spill has been closed.

3. Grumman Inc., Plant 3: A spill of hazardous material was reported on October 5, 1992, however, no source or quantity was identified. Status: This spill is being remediated under supervision of NYSDEC as described in Section 2.3.2.7.

4. Grumman Plant 3: Spill of 10 pounds of hazardous material of December 13, 1991. Status: Case is resolved, spill was cleaned up and all paperwork completed. This is not a LUST site and is listed under spill #92-07766 as described in item 12 of Section 4.5. This spill occurred when the joints on a transfer pipe failed.

5. Northrop Grumman Plant 3: Spill of 20 gallons of petroleum from a tank overfill on April 11, 1991. Status: Case is resolved, spill was cleaned up and all paperwork completed. This is not a LUST site. This spill is listed under spill #91-00585. Monitoring for this spill continues.

Grumman LUST Assessment: Of the five LUST sites identified in the database search report, two are reported to be active. It is also possible that one or more of the UST's which have been either removed or abandoned in place may have had discharges which were never identified but would still represent an area of concern.

State Hazardous Waste Sites (SHWS) - July 1995: State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties.

Two (2) sites were found within a 1-mile radius of the property (ASTM standard ½-mile) and are listed below:

Ruco Polymer Corp.
New South Road
Hicksville, NY
(EDR site #53)

Northrop Grumman Bethpage Facility
Stewart Avenue
Bethpage, NY
(EDR Site #65)

RUCO Assessment: See assessment provided previously in NPL Section.
Grumman Assessment: See assessment provided previously in UST Section.

Solid Waste Facilities/Landfill Sites (SWF/LS) - March 1996: SWF/LS type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the status, these may be active or inactive facilities or open dumps that failed to meet RCRA Section 2004 criteria for solid waste landfills or disposal sites.

No sites within a 1-mile radius of the property were identified.

UST - Petroleum Bulk Storage (PBS, CBS, MOST) Database (UST) - December 1995: USTs are regulated under Subtitle I of RCRA and must be registered with the state department responsible for administering the UST program.

Five (5) sites were found within a 1-mile radius of the property (ASTM standard ½-mile). Three sites listed are within ½ mile and are listed below

Frankie D's Serv. Sta.
1234 Stewart Ave.
Bethpage, NY
(EDR site # 30)

Grumman Aerospace Corp.
Stewart Ave.
Bethpage, NY
(EDR site # 65)

Shell Oil Co.
Stewart Ave. & Farmers St.
Bethpage, NY
(EDR site # 48)

Assessment: This database provides a list of facilities and does not provide soil or groundwater information for use in evaluating potential threat to property.

4.4.4 State of New York Non-ASTM Records

AST - Petroleum Bulk Storage (AST) - September 1995:

Nine (9) sites were found within a 1-mile radius of the property (ASTM standard ½-mile).

Gabrielli Truck Sales Ltd.
880 S. Oyster Bay Road
Hicksville, NY
(EDR site # 57)

Bethpage Metro
900 Stewart Ave.
Bethpage, NY
(EDR site # 60)

King Bear
735 S. Broadway
Hicksville, NY
(EDR site # 63)

Northrop Grumman
Stewart Ave.
Bethpage, NY
(EDR site # 65)

Nassau Blue Flame
3 Washington Pky.
Hicksville, NY
(EDR site # 69)

ERM Northeast
335 New South Road
Hicksville, NY
(EDR site #73)

TBG Cogen Partners
939 South Broadway
Hicksville, NY
(EDR site # 78)

Bradco Supply Corp.
85 Bloomingdale Road
Hicksville, NY
(EDR site # 85)

Greco Bros. Bulk Terminal
Lauman Lane & Hicksville Road
Hicksville, NY
(EDR site # 101)

Assessment: This database provides a list of facilities and does not provide spill, soil and/or groundwater information for use in evaluating potential threat to property.

4.4.5 Summary of Agency Database Review

The Northrop Grumman facility is identified on the EDR database. The property has been identified as having five LUST cases. Of the five sites identified, two are reported to still be active.

The database search indicated that one NPL site (Ruco, EDR site #53) has the potential to impact the property through migration of contaminated groundwater. Except for one off-site LUST Case (LILCO, EDR site #51), the majority of the off-site LUST sites were located either lateral or downgradient and were resolved. The LILCO site although identified as active is not expected to have an impact on groundwater since it is not located near Plant 3.

4.5 Documented Releases at Plant 3

The following paragraphs describe, in chronological order, releases that have been documented at Plant 3. The information that was used to develop this section included:

- A table listing toxic or hazardous material releases, provided by Northrop Grumman personnel;
- Binders containing internal Northrop Grumman memoranda and correspondence with regulatory agencies relating to spills at the Bethpage facility;
- Interviews with site personnel; and,
- Information on file at NYSDEC's Stony Brook office.

No information on releases that occurred prior to 1984 was provided during site file reviews and interviews.

1. On June 28, 1984, a spill of wastewater occurred at the outside Alodine waste holding tank at Plant 3. Soil samples collected from the area of the spill indicated chromium concentrations were less than 0.01 parts per million (ppm). This concentration is lower than the clean up level of 10 ppm provided in the New York State guidance for chromium contamination in soil at inactive hazardous waste sites. This spill was documented in the files at NYSDEC's Stony Brook office.

2. On August 9, 1984 a spill of deoxidizer solution (10% nitric acid, 0.4% chromate) occurred at Tank 958 in the Chem Mill Clean process area in Plant 3. The spill occurred during transfer from the tank to a vacuum truck. The spill was contained and neutralized. This spill was documented in the files at NYSDEC's Stony Brook office.

3. On October 28, 1984 a spill of wastewater (1% nitric acid, 0.04% chromate) occurred at Tank 793 drainpipe. Approximately 100 gallons of liquid were spilled. The spill was contained and neutralized. It was reported that soil samples collected in the area did not indicate chromium contamination. This spill was documented in NYSDEC's files at their Stony Brook office.

4. On November 20, 1984 a spill of waste oil occurred onto the pavement outside Plant 3 due to overfilling of a UST. The spilled liquid was contained and cleaned up using granular percent absorbent. Neither the tank ID nor the location of the spill were indicated on the memorandum documenting the incident. This spill was documented in an internal Northrop Grumman memorandum dated December 21, 1984. It appears that this spill was given a NYSDEC spill report number of 84-2289.

5. On April 2, 1987, a spill of diluted (50%) waste sulfuric acid occurred south of Plant 3 near the sulfuric acid anodize line. Approximately 8 gallons of liquid were spilled during transfer from a drum to the process tank. The spill was neutralized and contained. However, some of the liquid reached a nearby storm drain. Samples collected at the stormwater outfall (the recharge basin) showed a small temporary drop in pH in the basin after the spill. This spill was documented in a letter from Northrop Grumman to the Nassau County Department of Health dated April 30, 1987 and was given a NYSDEC spill report number of 87-0037.

6. On December 8, 1987 a spill of diluted (2 to 4 %) waste sulfuric acid occurred in Plant 3 Equipment Room (the new Alodine/Anodize facility). Approximately 25 gallons of liquid was spilled during transfer from a contractor's vacuum truck. The spill was neutralized and contained. However, some of the liquid reached a nearby storm drain. It was reported that samples obtained at the recharge basin indicated no residual contamination. This spill was documented in a letter from Northrop Grumman to NYSDEC dated December 21, 1987, and was given a NYSDEC spill report number of 87-7733.

7. On December 20, 1988 a spill of waste hydrofluoric acid (10%) occurred at Plant 3 Chemical Milling Etch Line Outside Waste Holding Tanks Loading Station. Two (2) to 4 gallons of waste liquid was spilled during transfer to a contractor's vacuum

truck. The spill was neutralized and contained. None of the spilled liquid reached nearby soil or storm drains. This spill was documented in a letter from Northrop Grumman to the NYSDEC dated January 3, 1989 and was given a NYSDEC spill report number of 88-07681.

8. On July 23, 1990, a spill of hazardous waste occurred onto the Plant 3 stripper pad. Five (5) to 10 gallons of waste liquid containing approximately 50 ppm chromium and 50 ppm methylene chloride was spilled from a loose pipe fitting. The spill was contained such that no liquids reached nearby soil or storm drains. It was reported that a sample was collected and indicated that no chromium was present in a nearby utility trench. This spill was documented in an internal Northrop Grumman memorandum dated July 26, 1990. A NYSDEC spill report number was not indicated in the memorandum.

9. On April 11, 1991, a spill of #2 fuel oil occurred due to overfilling of UST 03-13-15. This tank was located directly north of the Roads and Grounds building under the paved driveway. On April 15, 1991 a routine inventory showed that 1,400 gallons of product was lost from the same tank. The tank was removed, and 600 gallons of oil was recovered from the area around the tank. Three monitoring wells were installed at the site. Though 25 yards of contaminated soil was removed from the tank cavity, due to the limits of the remediation equipment, it was not possible to remove all visibly impacted soil. This site is also discussed in the section on petroleum tanks. This spill was documented in correspondence between Northrop Grumman and NYSDEC dated April 19 and April 24, 1991. This spill was given a NYSDEC spill report number of 91-00585.

10. On April 23, 1991, a spill of mineral oil occurred onto the ground at the east end of the north outside wall of Plant 3. The spill was caused by a failure in a vacuum pump system. Less than 10 gallons of oil was released from an exhaust vent pipe. Six drums of contaminated soil were removed from the site, and the area was inspected by a NYSDEC official. The NYSDEC representative approved installation of clean backfill at the site. This spill was documented in an internal Northrop Grumman memorandum dated April 30, 1991 and on a table of releases provided by

Northrop Grumman. According to the table of releases, this site is considered closed. This spill was given a NYSDEC spill report number of 91-00911.

11. On December 4, 1991 a spill of wastewater occurred from a secondary containment trench near the northeast corner of Plant 3. This wastewater typically contained chromium and copper. The spill was caused by a valve malfunction. Although the quantity of wastewater released was not documented, 8,000 gallons of liquid was recovered from the trench and nearby storm drains. Samples were collected from a nearby soil area, from the recovered liquid, and from the recharge basin. It was reported that the soil sample did not contain any detectable copper or chromium using Toxic Contaminant Leachate Procedures (TCLP). Although the soil sample did contain detectable concentrations of total copper and total chromium, the sample results were invalidated when metal chips were observed in the sample. The sample collected from the recovered liquid showed concentrations of 2.7 mg/L and 1.8 mg/L for chromium and fluoride, respectively, and non-detect for copper. Samples collected at the recharge basin showed no detectable concentrations for chromium, copper and fluoride. This spill was documented in a letter from Northrop Grumman to NYSDEC dated January 9, 1992 and was given a NYSDEC spill report number of 91-09374.

12. On December 13, 1991, a spill of Alodine 1200 powder occurred on an access road at Plant 3. Approximately 10 lbs of the powder was released onto the road surface when the container fell from the back of a truck. The spilled material was contained and recovered from the road surface. The spill area was bermed to prevent runoff and rinsed until samples of rinse water indicated no detectable chromium. This spill was documented in a letter from Northrop Grumman to NYSDEC dated January 14, 1992. A NYSDEC spill report number was not indicated in the letter.

13. On September 4, 1992, a spill of methyl ethyl ketone (MEK) occurred in the paint mixing room at Plant 3. The spill was caused when a forklift punctured a drum containing virgin MEK. Approximately 30 gallons of MEK was released onto a concrete floor in the room. It was reported that there were no floor drains in the room. The spill evaporated before liquid could be recovered. This spill was

documented in a letter from Northrop Grumman to NYSDEC dated September 11, 1992 and was given a NYSDEC spill report number of 92-6528.

14. On an unspecified date in 1992, a spill of hydraulic oil occurred at Plant 3. No other information was available on this spill. This spill was listed in the release table provided by Northrop Grumman and was given a NYSDEC spill report number of 92-06477.

15. On November 1, 1993, a spill occurred outside of the fire pump room at Plant 3. Information on the nature of the release was not available. Approximately 4 tons of contaminated soil was excavated from the area. This spill was listed in the release table provided by Northrop Grumman and was given a NYSDEC spill report number of 93-9349.

16. On an unspecified date in 1994, a tank at Plant 3 failed a tightness test. The tank was repaired and passed a subsequent test. This test failure was listed in the release table provided by Northrop Grumman and was given a NYSDEC spill report number of 94-06455.

17. On October 23, 1995, a spill of diesel fuel occurred in the parking lot at Plant 3. Apparently the spilled material was contained and recovered. No soil at the site required remediation. This spill was listed in the release table provided by Northrop Grumman and was given a NYSDEC spill report number of 95-09130.

Based on the available records, all of the spill sites described in this section appear to be investigated and remediated adequately except for the UST release (Tank 03-13-15) at the Roads and Grounds facility. This site is under investigation by Northrop Grumman under the supervision of the NYSDEC. Therefore, it is not listed as an AOC in this report.

5.0 FINDINGS

This section presents the findings of the Phase I Environmental Site Assessment (ESA) and focuses on site features and conditions which warrant consideration as potential environmental AOCs.

5.1 Indicators of Contamination

Indicators of contamination or site activities that are potential sources of contamination or areas of known contamination were identified during the Phase I ESA. These areas include: stained floors, sumps, and dry wells located within the vicinity of historical or current areas of chemical usage or storage areas, and historical chemical storage areas. These AOCs are discussed below.

5.2 Summary of On-Site AOCs

A summary of the AOCs and the basis for inclusion of each area identified as an AOC is presented in the following discussion. Table 8 provides the sources of information used to identify each AOC.

AOC 1 - Paint Booths: Site interviews and site reconnaissance indicates the likelihood that past painting activities may have impacted subsurface soil. The majority of these paint booths have operated for many decades. There is the potential therefore for soil impact due to their design and long term operation. Original engineering drawings for the facility were used to identify the location of paint tunnels which were subsequently removed. The molten salt (Kolene) paint stripper is located in a pit at column JJ28 and is considered a possible source of contamination.

AOC 1 - Existing Paint Booths (16), historic paint booths (10), molten salt (Kolene) paint stripper, and waste holding tanks 793, 794, 1257, 1258, 1259 and 1260.

AOC 2 - Plating Area: The area around the plating tanks/vats has extensive staining on the ground level and in the below grade pit, which houses the tanks/vats. A small, 55-gallon, TCE degreaser tank was used in this process.

AOC 2 - Extensive floor staining around tanks and TCE Tank 210.

AOC 3 - Old Alodine Area: Located between columns D6-E8, the Alodine Area contained 15 process tanks, with wastes piped to holding tanks located outside the northern end of Plant 3. There were extensive areas of cracked concrete and staining observed in the Alodine Area. Original design drawings indicated the existence of an Alodine leaching well located north of Plant 3. An overflow line from the leaching well flowed to a manhole for a storm sewer with an overflow pit.

AOC 3 - Stained and cracked concrete in Old Alodine Area, former Alodine leaching well and overflow pit and waste transfer tanks 815 and 1113.

AOC 4 - Heat Treat Area A: Four tanks were located in this area. These were utilized in the heat treating process. Two of the tanks (971 and 972) are located in a larger concrete pit approximately 20-ft deep, staining was observed in the bottom of this pit. The bottom of the tank pit needs to be further investigated to determine if any holes or cracks are present which may have acted as conduits for the migration of contaminants. There is also a hydraulic sump located against the outside wall of the building and potential leakage from the hydraulic ram on tank 1255.

AOC 4 - Residue around tanks 971 and 972; hydraulic fluid sump and potential leaks from hydraulic ram on tank 1255.

AOC 5 - Heat Treat Area B: Heat Treat Area B is located at the extreme western side of Plant 3. There was piping leading from the vessel down and through the floor, staining was observed at this location. A PCE/TCE degreaser was also part of this process line. It was located in a large containment pit with a central drainage ditch. Staining was observed in the pit.

AOC 5 -Drain in pit and sump for tank 1272, and vapor degreaser tank 1251.

AOC 6 - Chem Mill Clean: This process area is an AOC because a pipe fitting from tank 958 had a long-term chromic acid leak. The extent of contamination has been delineated and is being remediated under the direction of NYSDEC. The concrete is eroded between column GG40 and column FF46. A sample of soil collected outside Plant 3 at column FF46 exhibited elevated chromium levels. The extent of contamination is unknown.

AOC 6 - Eroded concrete in trench and sump and documented chromium contamination outside Plant 3 at column FF46.

AOC 7 - Chem Mill Flowcoat Area: The Phase II Remedial Investigation Report by Halliburton NUS Corporation, dated October 1993, indicated VOC soil gas contamination in the Flowcoat Area of PCE 570 μg/l and TCA at 5 μg/l. The study however stated that the source of the soil gas contamination may be caused by the flow of contaminated groundwater from another source. This area warrants further study, therefore it is an AOC.

AOC 7 - Soil gas survey indicating PCE contamination; extensive use of PCE and toluene; floor staining with Maskant; Maskant tanks 451 and 697; and drying area.

AOC 8 - Chem Mill Etch: The Chem Mill Etch process removed excess metal from the masked parts using caustic soda and hydrofluoric acid. The concrete below some tanks is corroded and a floor trench is present. Waste holding tanks (1131, 1132, 1133 and 1134) for this area will be addressed under the RCRA closure.

AOC 8 - Corroded concrete below tanks and floor trench that leads to a sump.

AOC 9 - Sulfuric Acid Anodize: At location MM44 - 45, the concrete is deteriorated from chromic and sulfuric acid leaks. The potential therefore exists that these leaks have resulted in subsurface soil contamination. A PCE absorber and recovery system for the Flowcoat Area is located within this area.

AOC 9 - Deteriorated concrete from chromic and sulfuric acid leaks at tanks 461 and 457, former underground waste holding tanks 962 and 963 and the presence of PCE absorber and recovery systems.

AOC 10 - Chromic Acid Anodize: This process line includes a TCE vapor degreaser and chromic acid anodize baths. All tanks were located in a pit with process piping. The floor was stained throughout the pit and a sump with liquids in it drained a 2-ft wide trench. Demineralizer equipment is located in a separate room. There is evidence of leaks in this area.

AOC 10 - Stained floor in process area pit; TCE vapor degreaser; demineralizer room pit, Shell Pella oil pit and waste transfer tanks 1150, 1151, and 1152.

AOC 11 - Alodine/Sulfuric Anodize: This process area is located in the southeastern side of Plant 3 between columns MM31 and NN42. This process area replaced the Old Alodine Area. A TCE vapor degreaser tank is located in this process area.

AOC 11 - TCE vapor degreaser tank 1221, process pit, sumps, trench and waste transfer tanks 1236, 1237 and 1238.

AOC 12 - Penetrant Inspection: Machined parts were inspected for flaws by applying an oil based penetrant containing SVOCs, washing off excess penetrant, applying a developer containing chromium and observing the parts under ultra violet light. All process tanks were located within a pit and wastes were pumped to two UST waste holding tanks 1092 and 1093.

AOC 12 - Tank pit and UST waste holding tanks 1092 and 1093.

AOC 13 - Honeycomb Pretreatment Area: This is an AOC based on the findings of the Phase II Remedial Investigation Report by Halliburton NUS Corporation, dated October 1993. This study revealed PCE concentration at 5,000μg/l in soil gas samples from this area. This process area was located in a pit which has been filled. TCE and chromates were used in this area.

AOC 13 - NUS soil gas survey indicating PCE contamination, TCE degreaser tank 965, TCE still 966 and tanks 806, 377 and 395 containing chromium.

AOC 14 - Old Chem Mill: The Old Chem Mill line was located at the extreme northeast corner of Plant 3. The process is essentially identical to the Chem Mill Flowcoat line described above. A TCE degreaser tank and a TCE still were included in the process line. Several waste holding tanks and a pit were located outside Plant 3.

AOC 14 - TCE degreaser tank 920 and still 302, and waste holding tanks 81, 83, 84, 1049 and 1050.

AOC 15 - Printed Circuit and Engraving Departments: These minor process areas utilized both solvents (TCE, 1,1,1-TCA and methylene chloride) and chromates. The printed circuit department was located between columns F14 and G16. The original engraving department was located between columns E14 and F16, and the new engraving department was built between columns H2 and H4.

AOC 15 - Solvent and chromate usage in printed circuit and engraving departments.

AOC 16 - Machine Shops: Extensive machining areas were located throughout Plant 3. There is extensive floor staining from cutting and lubricating oils in these area.

AOC 16 - Extensive floor staining from cutting and lubricating oils.

AOC 17 - Boiler Room: Boiler blow off (dry wells) were located north of the boiler room. These (dry wells) may have been connected to floor drains in the boiler room. These (dry wells) will require Underground Injection Control (UIC) closure as per the UIC program administered by the Nassau County Department of Health and the USEPA. This effort will be addressed separately by Northrop Grumman.

AOC 17 - Boiler blow off (dry wells) and floor drains in boiler room.

AOC 18 - Router Room: Original facility engineering drawings show a degreasing pit in the router room. Possible leakage from the pit makes this an AOC. TCE degreaser tank 256 is also considered part of this process area.

AOC 18 - Former degreasing pit in router room and TCE degreaser tank 256.

AOC 19 - Dry Wells at Columns GG7 and JJ2: A dry well at column GG7 is shown on the 1942 engineering drawings. This dry well was connected to two floor drains. Another dry well was identified at JJ2. The potential exists for contamination of the soil from dry wells. Evidence of the floor drains in these areas currently does not exist.

AOC 19 - Dry well at column GG7 connected to floor drains.

AOC 20 - Diffusion Galleries and Dry Wells: Two diffusion galleries, each 8-ft wide by 100-ft long, were located south of Plant 3 between columns N0 to N13. The diffusion galleries were connected to roof drains and may have been impacted by paint booth emissions. An extensive network of dry wells surrounded Plant 3. The possibility exists that floor drains and some process wastes may have been discharged to the leaching galleries and dry wells.

AOC 20 - Diffusion galleries south of Plant 3 between columns N0 to N13 and dry wells external to Plant 3.

AOC 21 - Equipment Pits: There are numerous equipment pits located throughout Plant 3. Each of these pits was examined for evidence of areas of environmental concern. A total of 27 pits were identified as AOCs.

AOC 21 - Designated equipment pits (27) listed in Table 1.

AOC 22 - Petroleum Storage Tanks USTs: Seven existing and former USTs in the Plant 3 area warrant further investigation due to lack of closure documentation. A magonetometer survey is recommended as part of the Phase II investigation to determine if these tanks were abandoned in place or removed.

AOC 22 - Existing USTs and Former UST locations.

AOC 23 - Waste Oil AST Storage Area: The area where the waste oil ASTs were located (south of the Roads and Grounds building) should be investigated further. There is a high possibility that undocumented releases of petroleum products occurred in this area during transfers between tanks and petroleum transport vehicles.

AOC 23 - Waste oil AST area south of Roads and Grounds building.

AOC 24 - Storage Room at Building Column N11: This area was used and is still used for drum storage. The floor in this room had stains on it. The staining extended outside through three drain holes in the building's wall. The concrete outside was stained and adjacent grass was stressed. This area is an AOC.

AOC 24 - Drum storage with floor staining.

AOC 25 - Roads and Grounds Building 003-13: Small quantities of oil, pesticides and paints were stored in the garage area on the east end of the building.

AOC 25 - Storage of oil, pesticides and paints.

AOC 26 - Chemical Storage Building 003-31, 003-32: This building was used to store various chemicals. Drums of PCE and nitric acid were in storage during the site inspection. There is a floor drain in this building which drains into a sump in an adjacent room.

AOC 26 - Potential for historic leaks from chemical storage; current storage of PCE and acid; sump and waste storage tank.

AOC 27 - Storage Shed Building 003-41: An outdoor waste metal scrap storage shed is located near location AA17. This shed has a concrete lined trench which is 20-ft x 2-ft x 18-inches deep. An oily-sludge like material has accumulated within the trench.

AOC 27 - Concrete trench with accumulated oily sludge.

AOC 28 - Pesticide Storage Building 003-44: This building was and still is used for pesticide storage. Oil leaks from an air compressor have stained the floor in and around a floor drain. This drain is also a potential pathway for pesticide release. The discharge point for the floor drain needs to be determined.

AOC 28 - Pesticide storage with a floor drain.

AOC 29 - Flammable Storage Shed next to Propane Storage Shed (Unnumbered): This shed is located east of Plant 3 and southeast of the transportation garage. A flammable liquid storage shed is adjacent to the north wall of the propane shed. Small quantities of motor oil and gasoline were stored in this structure. The plywood floor of this shed was heavily stained with oil and may have allowed leakage to the subsurface.

AOC 29 - Potential for leaks from the storage of flammable liquids.

AOC 30 - Unidentified Storage Sheds: Three storage sheds are located in the vicinity of the maintenance building and the sanitation office. The northern-most of the three sheds is used to store small machine parts, tools, etc. The middle of the three sheds contained three 55-gallon drums and two 20-gallon drums of motor oil and lubricant. The floor of this shed is made of plywood and was heavily stained with oil. The southern-most of the three sheds is currently empty, but was used for

the storage of pesticides. The pesticides were stacked on pallets on the plywood floor of this shed. A noticeable pesticide odor was detected upon entering this shed.

AOC 30 - Potential for leaks of oil and pesticides through plywood floors at middle and southern sheds.

AOC 31 - Subsurface Vault at Column AA11: This 8-ft x 5-ft vault has been partially filled in with soil and metal scraps. The metal scraps were likely impacted by cutting oils.

AOC 31 - Subsurface vault filled with soil and metal scraps.

AOC 32 - PCE and TCE Storage Tanks: Three PCE Storage tanks 1090, 1091 and 1207, were located outside Plant 3. Three TCE storage tanks, 11, 885 and 1271 were used to supply vapor degreasers throughout Plant 3.

AOC 32 - PCE underground storage tanks 1090 and 1091, PCE aboveground storage tank 1207, and TCE aboveground storage tanks 11, 885 and 1271.

AOC 33 - Waste Accumulation Areas: There were numerous areas throughout Plant 3 where wastes were accumulated in drums. The waste materials in these areas were segregated by waste type and periodically removed for consolidation and disposal in accordance with applicable regulations.

AOC 33 - Designated waste accumulation areas as shown on Table 5.

AOC 34 - Old Autoclave Area: An autoclave process area existed near location NN40. This autoclave used oil containing PCBs as a heat transfer fluid. There may have been leaks with this operation based on interviews with Northrop Grumman employees. A drain pit near column LL41 and a waste cooling pit and 2 dry wells near column KK42 for the autoclave furnace room are also AOCs. Dry wells 23 and 25 were connected to floor drains from this area.

AOC 34 - Use of PCB containing heat transfer fluid and reported leaks of heat transfer fluid, drain pit near column LL41 waste cooling pit near column KK42 and 2 dry wells near column KK42; and dry wells 23 and 25.

AOC 35 - Sludge Drying Bed: A sanitary sludge drying bed was located due east of the northeast corner of Plant 3.

AOC 35 - Sludge drying bed.

AOC 36 - Unbiased Random Locations: Owing to the extensive use of hazardous materials throughout Plant 3 and potentially unidentified pathways for release of hazardous substances, 16 unbiased sample locations in Plant 3, not associated with identified process areas, will be sampled and analyzed for the full range of likely contaminants.

AOC 36 - Unbiased random locations.

5.3 Database Indicated AOCs

Northrop Grumman and specifically the GOCO facility, including the Plant 3 Site, are identified through the environmental records database search. The property has been identified as having five LUST cases, of the five, two are reported to still be active. Three of the reported LUST cases were determined to be minor spills of material and not LUST cases. These are described in Section 2 of this report. It is also possible that one or more of the USTs, which have either been removed or abandoned in place, may have had discharges that were never identified but still represent an AOC.

5.4 Off-Site AOCs

Groundwater, across the South Oyster Bay Road to the northwest of the property, has been impacted with VOCs. According to a delisting petition sent to New York State (Dvirka and Bartilucci, September 1994) these VOCs were attributed to off-site upgradient source, specifically, the NPL site: OCC/RUCO Polymer facility. These sources are potentially upgradient to the property according to the delisting petition. Another document reviewed (Geraghty & Miller Inc., December 1991) suggests that groundwater flow is to the south which would be lateral or parallel gradient to the property. Groundwater below the property may also be impacted with similar constituents and concentration attributable to off-site sources.

The database search indicated that one NPL site (RUCO, EDR site #53) has the potential to impact the property through migration of contaminated groundwater. Except for one off-site LUST case (LILCO, EDR site #51), the majority of the off-site LUST sites were located either lateral or downgradient and were resolved cases with the spill cleaned up and the paperwork completed. The

LILCO site is identified as active, however due to agency oversight, potential liabilities should be minimal.

Thirty-three (33) LUST sites are identified for site #65, Northrop Grumman. Of the five located on the Plant 3 Site, the database report indicates that two LUST cases are still active.

Off-Site AOCs - Potential for contaminated groundwater beneath the site.

The information for each AOC are provided in Table 8.

6.0 RECOMMENDATIONS

The following recommendations have been developed based the findings of the Phase I ESA. These recommendations are intended to provide the data needed to conduct a Phase II investigation. Table 9 provides a summary of the number of borings, linear feet of drilling, number of samples, sampling intervals, and recommended analyses.

6.1 On-Site Recommendations

Recommendations to assess the AOCs include; (1) soil sampling using geoprobe or hand augering methods at selected locations, (2) core sampling of concrete in areas of heavy contamination (3) removal of covering plates at sump locations and/or sludge removal and decontamination for visual inspection, (4) geophysical testing for confirmation of the location of USTs and dry wells, (5) collection of random soil samples to help identify any undocumented releases from Plant 3. Table 9 provides a detailed listing of the sampling recommendations for each AOC.

6.2 Off-Site Areas of Potential Concern

Groundwater below the property may also be impacted with VOCs attributable to off-site sources. According to the documents reviewed, these sources are either potentially upgradient or lateral gradient to the property. Due to the historic variability of groundwater flow, there may have been a potential for on-site migration of contaminated groundwater. It is reported that the industrial wells at the GOCO facility pumped in excess of 1,100 gpm, which would have resulted in a significant area of groundwater depression, increasing the probability of on-site migration.

The identification of the lateral extent of contamination in groundwater, due to off-site sources, should rest with the responsible party for the off-site sources. Northrop Grumman, in conjunction with the U.S. Navy and OCC/RUCO Polymer Corporation, is developing a Feasibility Study for remediation of ground water in the vicinity of the Northrop Grumman, GOCO and OCC/RUCO Polymer facilities. Additional ground water sampling by Northrop Grumman is not recommended.

The conclusions of this Phase I ESA are based upon the findings of a site reconnaissance, a review of public agencies' databases and files, a review of available records and information supplied by Northrop Grumman, and through interviews with Northrop Grumman employees conducted by Radian.

6.3 Limitations of the Phase I Environmental Site Assessment

Areas which were inaccessible (e.g., under flooring, within ceilings, behind walls) are not included and not a part of this Phase I ESA.

7.0 REFERENCES

1. Initial Assessment Study of NWIRP Bethpage, New York. Rogers, Golden & Halpern. December 1986.

2. Final Remedial Investigation Work Plan. Halliburton NUS Environmental Corp. August 1991.

3. Data Report, Phase I Remedial Investigation Grumman Aerospace Corp., Bethpage, New York. Geraghty & Miller, Inc.. January 1992.

4. Environmental Compliance Evaluation of Naval Weapons Industrial Reserve Plants, Bethpage and Calverton, New York. Naval Facilities Engineering Command. June 1992.

5. Final Remedial Investigation Report for Naval Weapons Industrial Reserve Plant, Bethpage, New York. October 1993.

6. Feasibility Study Report for Naval Weapons Industrial Reserve Plant, Bethpage, New York. Hallibutron NUS Corp. March 1994.

7. New York State Site Registry Delisting Petition Site 10 (Plants 21, 28, 37, 114, 115 and 116) Hicksville New York, Dvirka and Bartilucci, September 1994 .

8.0 WARRANTY AND DISCLOSURE LIMITATIONS

Radian International LLC, (Radian) warrants that this environmental assessment report was prepared in accordance with generally accepted professional standards and applicable environmental laws and regulations; was based solely upon the information made available to or gathered by Radian in the performance of the services described herein; and was conducted in accordance with the scope of work, schedule and budgetary constraints imposed by the client. Radian makes no other warranty, expressed or implied. The report is not to be construed as a guarantee or warranty as to the potential liabilities associated with environmental conditions or impacts at the site and Radian assumes no liability for conditions which did not come to its actual knowledge or for conditions which were not generally recognized as environmentally unacceptable at the time this report was prepared.

This report was prepared solely for the purpose of providing information to Northrop Grumman. Any reliance on this report, or any information contained therein, by any third party shall be at such party's sole risk. Radian shall have no liability to any third party in any manner whatsoever.

TABLES

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TABLE 1

Phase I Site Assessment - Plant (Product Manufacturing Facility)
List of Equipment Pits - AOC 21

Pit No.	Column No.	Sump	Standing Oil	AOC	Description
1	OC9	No	No	No	20' x 30' x 16' D; "Freezer Pit"; insulated walls
2	OC11-13	Yes	Yes	Yes	45' x 30' x 20'D; 3' of oil standing in central sump
3	OB10-11	Yes	Yes	Yes	24' x 18' x 5'D; 2 small 1' x 2' sumps with 3" of standing oil
4	OB10-14	Yes	Yes	Yes	33' x 90' x 30'D; extensive oil staining over approx. 60' x 40' area; pit is connected to oil supply room at A11 by 2 trenches
5	OB5-6	No	No	No	30' x 10' x 1'D; shallow trench; minor oil staining
6	B14	Yes	No	Yes	45' x 9' x 2'D; concrete in good condition; moderate staining with hydraulic oil
6A	D13	No	No	Yes	15' x 10' x 4'D; some hydraulic oil staining
7	G14	No	No	Yes	12' x 18' x 2'D; covered with 1" steel plates; debris and staining visible on floor of pit
8	J6	Yes	Yes	Yes	24' x 6' x 4'D; trough on west side contains approx. 4" of oil; covered with steel plates
9	J8	Yes	No	Yes	10' x 30 x 4'D; staining in trough
10	J9	Yes	No	Yes	36' x 12 x 4'D; staining in trough
11	CC3	No	Yes	Yes	6' x 4' x 4'D; 1.5' of oil; metal shavings; stains throughout; large machine still adjacent to pit
12	CC11	Yes	Yes	Yes	30' x 18' x 3'D; sloped concrete floor sump at NE corner with 2" of oil and sediment; concrete in good condition.
12A	CC12	No	No	No	30' x 2' x 2'D; "L" shaped trench
12B	CC13	No	Yes	Yes	1' x 4' x 1'D; 2" of oil and sediment

TABLE 1 (Continued)

Phase I Site Assessment - Plant (Product Manufacturing Facility)
List of Equipment Pits - AOC 21

Pit No.	Column No.	Sump	Standing Oil	AOC	Description
13	DD10	No	No	No	14' x 10' x 6'D; condition of concrete good; some staining at bolts
14	FF10	Yes	No	Yes	12' x 16' x 2'D; some damaged concrete; oil staining
15	EE17	Yes	Yes	Yes	8' x 10' x 8'D; 5' of oil in sump; steel plates cover adjacent trough
16	MM9	Yes	Yes	Yes	16' x 30' x 5'D; 2' of oil in sump; large equipment in place
17	MM13	No	No	No	16' x 45' x 4'D; concrete painted white; minimal stains in center of trough
18	MM19	Yes	No	Yes	16' x 30' x 5'D; metal cuttings and oil stained debris; large riveter in place limits access
19	AA30-31	Yes	Yes	Yes	24' x 3' x 4'D; oil stains; 3 drums of metal shavings; 3" of oil in 2' x 2' x 2'D sump
20	AA32-34	Yes	Yes	Yes	30' x 5' x 4'D; oil stains; 2' x 2' x 2'D sump is full - oil on surface with milky water beneath
21	CC31-33	Yes	Yes	Yes	60' x 10' x 6'D; oil stains throughout; 2' x 2' sump has 6" of oil
22	CC37	Yes	Yes	Yes	10' x 12' x 3.5'D; minor oil stains
23	DD35	No	No	Yes	12' x 12' x 1'D; oil stains; open joints in concrete
24A	DD37	No	No	Yes	10' x 2.5' x 1'D; oil stains with sorbant materials
24B	DD37	No	No	Yes	10' x 2.5' x 1'D; oil stains with sorbant materials

TABLE 1, Continued

Phase I Site Assessment - Plant (Product Manufacturing Facility)
List of Equipment Pits - AOC 21

Pit No.	Column No.	Sump	Standing Oil	AOC	Description
25	DD38	No	No	Yes	3' x 2' x 1'D; oil stains with sorbant materials
26	DD39	No	No	Yes	2.5' x 10' x 1'D; oil stains
27	DD40	No	Yes	Yes	2.5' x 10' x 1'D; 2" of standing oil
28	BB42A	No	No	Yes	33' x 15' x 14'D; main pit has minimal staining; deeper pit is dirty with oil stains

NOTE: Indicated equipment pits are designated as AOC 21.

TABLE 2

Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
Summary of Above and Below Ground Petroleum Storage Tanks

Tank No.	UST/ AST	Estimated Age (yrs.)	Capacity (gallons)	Substance Stored	Construction Material	Date Installed	Status/ Comments	Area of Concern
03-01-1	UST	55	35,000	No. 4 fuel oil	steel with asphaltic coating	1942	abandoned in place or removed	22
03-01-2	UST	55	25,000	No. 4 fuel oil	steel with asphaltic coating	1942	abandoned in place or removed	22
03-01-3	UST	55	25,000	No. 4 fuel oil	steel with asphaltic coating	1942	abandoned in place or removed	22
03-01-4	UST	22	550	diesel fuel	steel with asphaltic coating	1975	active tank; tightness tested on 8/16/96	no
03-01-5	UST	31	8,000	No. 2 fuel oil	steel with asphaltic coating	1966	abandoned in place or removed	22
03-01-06	UST	17	2,500	waste cutting oil	fiberglass	1980	scheduled to be removed within next 6 months; passed tightness test on 8/15/95	no
03-01-7	AST	20	275	diesel fuel	steel	1977	active tank.	no
03-01-8	AST	54	275	diesel fuel	steel	1943	active AST with secondary containment	no
03-01-9	AST	5	275	diesel fuel	steel	1992	active AST with secondary containment	no
03-03-1	UST	23	550	diesel fuel	steel with asphaltic coating	1974	passed tightness test on 7/6/96	no
03-13-1	UST	29	2,000	gasoline	steel with asphaltic coating	1968	removed or abandoned in place	22
03-13-2	UST	29	1,000	gasoline	steel with asphaltic coating	1968	removed or abandoned in place	22

TABLE 2, Continued

Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
Summary of Above and Below Ground Petroleum Storage Tanks

Tank No.	UST/ AST	Estimated Age (yrs.)	Capacity (gallons)	Substance Stored	Construction Material	Date Installed	Status/ Comments	Area of Concern
03-13-3	UST	29	2,000	diesel fuel	steel with asphaltic coating	1968	removed or abandoned in place	22
03-13-4	AST	35 +	20,000	waste oil	reinforced concrete	1944	removed between 1979 and 1985	23
03-13-5	AST	35 +	2,000	waste oil	steel	1944	removed between 1979 and 1985	23
03-13-6	AST	35 +	1,500	waste oil	steel	1944	removed between 1979 and 1985	23
03-13-7	AST	35 +	500	waste oil	steel	1944	removed between 1979 and 1985	23
03-13-8	AST	35 +	500	waste oil	steel	1944	removed between 1979 and 1985	23
03-13-9	AST	35 +	500	waste oil	steel	1944	removed between 1979 and 1985	23
03-13-15	UST	26	2,000	No. 2 fuel oil	steel	1965	tank removed in 1991; tank area under investigation by Northrop Grumman	no
03-13-15A	AST	6	275	No. 2 fuel oil	steel	1991	no evidence of a release or spill	no
03-13-15B	AST	6	275	No. 2 fuel oil	steel	1991	no evidence of a release or spill	no

TABLE 3

Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
Historic Storage at the Pesticide Shop
(Storage Building 003-44, 1985)

Chemical	Percentage of Final Formula	Formulation	Quantity
MCPP, 2, 4-D Dicamba	25	Emulsifiable Concentrate	104 gal
Betasan 2E	20	Emulsifiable Concentrate	46 gal
Amitrol	N/A	Emulsifiable Concentrate	40 oz
Offanol Prometon	N/A 25	Granular Emulsifiable Concentrate	1,475 lbs 671 gal
Orthane Malathion	N/A 1	Wetable Powder Emulsifiable Concentrate	81 lbs 2 gal
Captan and Carbaryl	1 1	Wetable Powder Wetable Powder	11.7 lbs 7.8 lbs

N/A = Data not available

TABLE 4

Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
Status of Existing Waste Transfer Tanks

AOC NO.	Tank No.	Status	Location	Waste Material	Comments
11 11 11	1236 1237 1238	Dry 4" Liquid 4" Liquid	Waste Holding Alodine/Sulfuric Area	Waste Alodine/Sulfuric	Area looks clean. No evidence of spill, concrete in good condition.
NA NA NA NA	1131 1132 1133 1134	Dry Dry 2" Liquid 2-3" Liquid	Chem Mill Waste Holding Area	Chem Mill Liquid Wastes	Area covered by fiberglass roofing and contained by 2' concrete berm. Concrete in good condition. These tanks will be addressed through RCRA closure.
1 1 1 1	1257 1258 1259 1260	1-2' Liquid Dry 1-2' Liquid Dry	Waste Holding Patom MOD area	Waste Paint Liquids	Area covered by fiberglass, roofing, and contained with 2' concrete berm. Concrete in good condition. No tall tanks used for paint wastes.
10 10 10	1150 1151 1152	Dry 1' Liquid 1' Liquid	Chromic Acid Waste Holding Area	Waste Chromic Acid	Area covered by fiberglass, roofing, and contained with 2' berm. Concrete in good condition.
1	794	N/A	Outside, NE side of Building 03-01, near AA30	Waste holding paint	Underground Storage Tank
1 3 3	793 815 1113	1' Liquid 4' Liquid 3' Liquid	Outside, NW side of Plant 3, near AA16	Waste Holding Paint Booths Waste and Waste Solid Alodine and Plating	Tanks not covered. Secondary containment area looks clean. Concrete in good condition.
12 12	1092 1093	N/A N/A	Outside NW side of Plant 3, Between OA15 and OB15	Waste Holding, Penetrant inspection (Zyglo)	Buried tanks, possible leaks from these tanks according to interview with a Northrop Grumman employee.

TABLE 5

Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
Listing of Small Volume Waste Accumulation Areas

Item No.	Location and Chemicals	Comments
S31	At Column A0.4	No evidence of Haz Waste storage. Found 4 drums of Texaco 522 Oil-19 at A0.3
S32	Column F0.4	No evidence of Haz Waste storage at Column F0.4
S33	At Column C7	
S34	At Column F10 Type G flammable waste Type CEE BEE C-5 Dirty Paint Thinner	Evidence of waste paint spilling on cement floor. Concrete intact. At E9, there were tanks removed.
S35 S36 S37 S38	At Column C11 At Column B12 At Column B13 At Column C13	No evidence of Haz Waste storage. The floor was wooden in this area. There were no signs at B12. North of B11-B12 were stains. There was a crane power switch and a sign for it at B13. North of B13 was a drum of debris. At C11, there was a small wooden shack/office. It was empty with no lighting. There was a rack to the south and a sign that read "dept. 005, detail fabrication." At C13, there was a rack but no signs.
S39	At Column EE3	Flammable waste sign. No evidence of spills. Area next to tank pit. There were no signs identifying the 4 tanks in the area. A small amount of fluorescent green and brown residual/ waste was present in the tank closest to EE3.
S40	At Column GG10	No Haz Waste sign or evidence of Haz Waste storage. There were 12 pallets of black bricks to the north of the area. The floor was wooden.
S43 S45	At Column BB12 At Column BB14	Drum storage area with 42 full drums between columns AA15-AA16 and between Column CC15-CC16. Mostly cutting oils and other lubricants. Wood block floor. Drum area is next to sump pit at AA 14.5.
S44	At Column GG13	No Haz Waste sign or evidence of Haz Waste storage. There were 12 pallets of wooden bricks, 2 pallets of sand, 1 pallet of Quickrette, and 3 pallets of kreolite floor block cement.
S46	At Column CC18	No evidence of Haz Waste storage. There are no signs. The wooden floor is stained. There is evidence of machinery/equipment that was removed.

TABLE 5, Continued

Phase I Site Assessment - Plant (Product Manufacturing Facility)
Listing of Small Volume Waste Accumulation Areas

Item No.	Location and Chemicals	Comments
S47	At Column KK19	No signs or evidence of haz storage area. Some white paint material on floor. There are pallets of debris in this location.
S48	At Column EE22	No evidence of Haz Waste storage. There are no signs. The wooden floor is stained to the south.
S49	At Column HH23	Next to paint booth. Haz Waste sign reads "type 2 waste flammable". Other signs read "caution" and "danger". No evidence of spills. The floor in the paint booth is concrete and covered with white powder material. The surrounding floor is wood. There is a rack and a drum of industrial strength cleaner/degreaser nearby.
S50	At Column MM23	No evidence of haz storage area. The area was locked and housed containers of debris. Signs read "caution, ear and eye protection", "notice to buyers", "terms and conditions of auction sale", and "attention anyone removing equipment".
S54	At Column JJ 27 Kolene #6 proprietary	Nothing at column JJ 27. Next to paint booth and automatic paint system. There is a green stain on the floor southwest of this location. There is a spill of fluorescent green liquid southeast of this location. Sign reads "danger".
S55	LL 27	
S56	At Column DD29	No evidence or signs indicating area was a waste accumulation area. There are 2 drums of waste oil. The floor is wooden.
S57	At Column EE30: Trichloroethane Methylene chloride Perchloroethylene All Freons	Type 4 Waste. Area heavily stained with black greasy material. Small black liquid puddle on removed wood block floor. There are 3 removed tanks at this location. There is equipment nearby at EE31. There are 4 drums of waste oil and 1 empty container for liquid Nitrogen at EE32.
S58	At Column HH33:	No evidence of waste storage. Some green paint on floor. Corporate Hazard Waste Guideline sign on Column HH34. There was a dumpster with hoses and insulation. Racks and a fire extinguisher were nearby. Two paint booths were south of this location.

TABLE 5, Continued

Phase I Site Assessment - Plant (Product Manufacturing Facility)
Listing of Small Volume Waste Accumulation Areas

Item No.	Location and Chemicals	Comments
S59	At Column CC34: *Flammable* Alcohols — Mineral Oils Greases — Ultrasene PC 63 Motor Oils — Gasoline Penetone TPC — Kerosene Varsol — Naptha Hydraulic Oils — Toluene MIL-C-38736: Cleaner — Xylene Cleaner	Type 1 Waste. Area is caged and locked. It is next to large equipment pit area and the floor is stained. A half bag of absorbent material was in the area and additional material was scattered about and saturated. There is a small spill of fluorescent green liquid on the center of the floor. The area contains debris and appears to be a maintenance workshop. There is a sign that reads "no smoking".
S60	At Column MM33: Brush Alodine Chemicals from photo labs X-ray developers Duplicators	Type 5 waste. No evidence of spills. Materials removed. Storage area next to Alodine Pit ±15 ft deep. Sign shows that area had no more than 55 gals of Haz Waste stored here at one time. The tanks in the pit were removed and there was water with a sheen in the trench of the pit. Sign on rail reads "danger automatic cranes".
S62	At Column BB40: Column is painted red	No evidence of storage. CO_2 fire extinguisher is present. There is large equipment nearby with a drum of debris/solids. The floor is wooden to the south and concrete to the north. There are heavy stains north of BB36-BB39. There are 2 drums of waste oil and a can of petroleum distillates at BB41.
S63	At Column JJ41: Trichloroethane Methylene Chloride Perchloroethylene Trichloroethylene All Freons	Type 4 Waste. All material removed. No evidence of spills. To the north is a ladder leading to a catwalk and to the south is a bench with an air compressor/pump. The machine appears to be a mixer white solid white material in it; the top of the bench is stained with oil.

TABLE 6

Phase I Site Assessment - Plant 3 (Produce Manufacturing Facility)
Summary of TCE Concentrations in Groundwater, Soil Gas and Soil

Sample Location	Shallow Soil Gas (mg/l)	Deep Soil Gas (µg/l)	Shallow Subsurface Soil (µg/l)	Deep Subsurface Soil (µg/l)	Temporary Well Groundwater (µg/l)	Shallow Groundwater (µg/l)	Intermediate Groundwater (µg/l)
HN-2753	NA	NA	NA	NA	141.0	NA	NA
HN-2752	NA	NA	NA	NA	9.8	NA	NA
HN-27	NA	NA	NA	NA	NA	16.0	NA
HN-28	NA	NA	NA	NA	NA	1,100.0	NA
HN-29	NA	NA	NA	NA	NA	340.0	NA
HN-29I	NA	NA	NA	NA	NA	NA	17.0
1	2.8	NA	NA	NA	NA	NA	NA
2	ND	NA	NA	NA	NA	NA	NA
3	ND	NA	NA	NA	NA	NA	NA
4	ND	NA	NA	NA	NA	NA	NA
5	8.0	NA	NA	NA	NA	NA	NA
6	8.0	NA	NA	NA	NA	NA	NA
7	11.0	NA	NA	NA	NA	NA	NA
8	18.0	NA	NA	NA	NA	NA	NA
9	30.0	NA	NA	NA	NA	NA	NA
10	53.0	NA	NA	NA	NA	NA	NA
11	88.0	NA	NA	NA	NA	NA	NA
12	29.0	NA	NA	NA	NA	NA	NA
14	>100.0	NA	NA	NA	NA	NA	NA
15	12.0	NA	NA	NA	NA	NA	NA
16	2.4	NA	NA	NA	NA	NA	NA

TABLE 6 (Continued)

Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
Summary of TCE Concentrations Groundwater, Soil Gas and Soil

Sample Location	Shallow Soil Gas (mg/l)	Deep Soil Gas (µg/l)	Shallow Subsurface Soil (µg/l)	Deep Subsurface Soil (µg/l)	Temporary Well Groundwater (µg/l)	Shallow Groundwater (µg/l)	Intermediate Groundwater (µg/l)
17	1.8	NA	NA	NA	NA	NA	NA
18	4.9	NA	NA	NA	NA	NA	NA
19	7.0	NA	NA	NA	NA	NA	NA
20	ND	NA	NA	NA	NA	NA	NA
21	10.0	NA	NA	NA	NA	NA	NA
23	ND	NA	NA	NA	NA	NA	NA
24	0.5	NA	NA	NA	NA	NA	NA
26	ND	NA	NA	NA	NA	NA	NA
32	ND	NA	NA	NA	NA	NA	NA
33	ND	NA	NA	NA	NA	NA	NA
SG-10	<3.0	NA	NA	NA	NA	NA	NA
SG-11	280.0	NA	NA	NA	NA	NA	NA
SG-38	<3.0	NA	NA	NA	NA	NA	NA
SG-39	<3.0	NA	NA	NA	NA	NA	NA
SG-FC	<3.0	NA	NA	NA	NA	NA	NA
SG-34	0.7	NA	NA	NA	NA	NA	NA
SG-35	0.03	NA	NA	NA	NA	NA	NA

NOTES:

1. ND - Not Detected
2. NA - Not Applicable
3. Source - Halliburton, NUS Phase II Remedial Investigation Report, 1993

TABLE 7

Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
Aerial Photograph Review

Date	Visual Appearance and Interpretation
1937*	Subject and adjacent properties are agricultural.
1939*	Subject and adjacent properties are agricultural. Some farm buildings are present.
1941*	Subject and adjacent properties are unchanged from previous photograph.
1947	Air strip is present. Major development on the Northrop Grumman facility is evident since 1941. Plant 3, Plant 10 North and South Warehouses are present. Re-injection ponds are present east of the north warehouses, or northeast of Plant 3. Plants Nos 1, 2, and 5 are present. East of Plant 3 appears to be an outside storage area. East of the facility is mixed residential and agricultural, while land to the west is primarily agricultural. Sanitation building and concrete subgrade tank structure are present. Former sludge drying bed area appears to have several piles placed on it. The area east of Plant 3 appears to have some materials and/or equipment stored on it. The grid pattern for the leach field east of Plant 3 is evident. The sewer ejector pump house is present North of Plant 3.
12/2/53	Plant 3 appears unchanged from previous aerial photograph. Increased outside storage areas are located directly to the south and east of Plant 3. More development and parking are associated with Plants 2 and 5. Two (2) additional pond like areas (possible re-injection ponds) are located to the west of Plant 2.
04/10/62	Northrop Grumman facility appears generally unchanged from previous aerial photograph. Heavy residential development around facility. Old Chem Mill addition is present.
03/08/69	Part of Plant 3 and North Warehouses not visible in aerial photograph. Northrop Grumman facility and area surrounding facility appear mostly unchanged from previous photograph. Northeast of Plant 2 there appears to be a row of six (6) retention/reinjection ponds.
04/10/76	Property appears much as it does today. East of Plant 3 is a large open area that appears to be utilized for drum and refuse storage. Northeast of Plant 3 it appears that there are five (5) retention/reinjection ponds, with one (1) being dry. Old Heat Treat and Flowcoat additions are present. These additions were built approximately in 1966. Increased equipment and materials storage east of Plant 3. Sanitation/Roads and Grounds Building is larger; and new building is present just north of this building. Small shed building (Cyanide Wastewater Building) is present south of Sanitation Building. Coal pile northwest of Plant 10 is no longer present. Autoclave addition is present. Small building is present southeast of Plant 3. Two small buildings are present east of Old Heat Treat Area.

TABLE 7

Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
Aerial Photograph Review

Date	Visual Appearance and Interpretation
04/05/78	Subject and adjacent properties appear unchanged from previous aerial photograph. Chemical Storage Building 003-32 is present.
03/21/86	Subject and adjacent properties appear mostly unchanged from previous aerial photograph. The five (5) retention/reinjection ponds which were northeast of Plant 3 are no longer visible. New Heat Treat, PROM office building, Pesticide building 003-44, Transportation Garage Building 003-33 are now present. Propane storage shed, chemical storage building 003-38, and 003-31 are present. Sub-grade waste oil tank 03-13-4 is no longer present. Methanol Storage Tank 1254 appears to be under construction.
04/14/93	Property appears as it does today; all other adjacent properties appear as they do currently.

* Reviewed from aerial photographs located in lobby of Building 1.

TABLE 8

Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
Environmental Areas of Concern and Information Sources

AOC No.	AOC/Process Description	Source of Information*						
		1	2	3	4	5	6	7
1	Paint Booths	✓	✓					
2	Plating Area	✓	✓					
3	Old Alodine	✓	✓					
4	Heat Treat A	✓						
5	Heat Treat B	✓						
6	Chem Mill Clean Area	✓	✓	✓				
7	Chem Mill Flowcoat Area	✓				✓		
8	Chem Mill Etch	✓						
9	Sulfuric Acid Anodize	✓	✓					
10	Chromic Acid Anodize	✓						
11	Alodine/Sulfuric Acid Anodize	✓	✓					
12	Penetrant Inspection	✓	✓					
13	Honeycomb Pretreatment	✓					✓	✓
14	Old Chem Mill	✓						✓
15	Printed Circuit and Engraving		✓				✓	
16	Machine Shops	✓						
17	Boiler Room						✓	
18	Router Room						✓	
19	Dry Wells at GG7 and JJ2						✓	
20	Diffusion Galleries and Dry Wells						✓	
21	Equipment Pits	✓						
22	Petroleum Storage Tanks USTs	✓	✓	✓				
23	Waste Oil AST Storage	✓						✓
24	Storage Room at Building Column N11	✓						
25	Roads and Grounds 003-13	✓						
26	Chemical Storage Bldg 003-31 and 003-32	✓						
27	Storage Bldg 003-41	✓						
28	Pesticide Storage Bldg 003-44	✓				✓		

AOC No.	AOC/Process Description	Source of Information*						
		1	2	3	4	5	6	7
29	Flammable Storage Shed next to Propane Storage Shed	✓						
30	Unidentified Storage Sheds	✓						
31	Subsurface Vault near AA-11	✓						
32	PCE and TCE Storage Tanks						✓	
33	Waste Accumulation Areas	✓	✓					
34	Old Autoclave Area		✓				✓	
35	Sludge Drying Bed						✓	
36	Unbiased Random Locations							
Off-Site AOCs	On-site migration of contaminated groundwater from off-site sources					✓		

NOTES:

1. Site Inspection
2. Interviews
3. Spill Reports
4. Tank Inspection Reports
5. Previous Environmental Investigation Reports
6. Facility Maps and Building Plans
7. Materials Sampling

TABLE 9
Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
Summary of Recommendations for Phase II Site Investigation

AOC No.	AOC Description	No. of Borings	No. of Corings	Lineal Ft Drilling	No. of Soil Samples	Sampling(2) Interval in ft.	Principal Chemicals of Concern - Target Compounds	Recommended Analysis[1] (soil/concrete)					
								1 MET	2 VOC	3 SVOC	4 TPH	5 PCB	6 CN
1	PAINT BOOTHS												
	Existing Paint Booths	16	16	64	32	0-2 , 2-4	Metals, VOCs, SVOCs	32/16	32/0	32/16			
	Historic Paint Booths	10	10	40	20	0-2 , 2-4	Metals, VOCs, SVOCs	20/10	20/0	20/10			
	Paint Stripper	1	1	4	2	0-2 , 2-4	Metals	2/1	--	--			
	6 Waste Holding Tanks	3	3	12	6	0-2 , 2-4	Metals, VOCs, SVOCs	6/3	6/0	6/3			
2	PLATING AREA												
	Plating Pit	4	4	16	8	0-2 , 2-4	Metals, VOCs, Cyanide	8/4	8/0				8/4
3	OLD ALODINE AREA												
	Old Alodine Pit Area	3	3	12	6	0-2 , 2-4	Metals	6/3					
	Leaching Well and Overflow Pit	2	0	TBD in the field 30 ft approx.	8	Sample below invert 0-2 2-4 10-12 12-14	Metals, VOCs, SVOCs, Cyanide	8/0	8/0	8/0			8/0
	Waste Transfer Tanks 814, 815 & 1113	1	1	4	2	0-2 2-4	Metals	2/1					
4	HEAT TREAT AREA A												
	Tanks 971 & 972	1	1	4	2	0-2 , 2-4	Metals	2/1					
	Outside Hydraulic Sump Tank	1	1	4	2	0-2 , 2-4	TPHC, PCBs				2/1	2/1	
	Hydraulic Piston at Tank 1255	1	1	60	2	0-2, 2-4 below bottom casing	TPHC, PCBs				2/1	2/1	

TABLE 9
Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
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AOC No.	AOC Description	No. of Borings	No. of Corings	Lineal Ft Drilling	No. of Soil Samples	Sampling(2) Interval in ft.	Principal Chemicals of Concern - Target Compounds	Recommended Analysis[1] (soil/concrete)					
								1 MET	2 VOC	3 SVOC	4 TPH	5 PCB	6 CN
5	HEAT TREAT AREA B												
	Tank 1251	2	0	8	4	0-2 , 2-4	TPHC, VOCs, (TCE)		4/0		4/0		
	Sump for Tank 1272	3	0	12	6	0-2, 2-4	TPHC, VOCs, (TCE)		6/0		6/0		
6	CHEM MILL CLEAN												
	2 Trenches and 1 Sump	3	3	12	6	0-2 , 2-4	Metals	6/3					
	Outside North of Bldg Column FF 46	4	0	40	12	0-2 , 4-6 8-10	Metals	12/0					
7	CHEM MILL FLOWCOAT												
	Tank 451	2	0	40	4	Sample below invert 0-2 & 2-10 continuous[5]	VOCs		4/0				
	Tank 697 and Drying Area	2	0	8	4	0-2, 2-4	VOCs		4/0				
8	CHEM MILL ETCH												
	Corroded Concrete and Trench	2	2	8	4	0-2 , 2-4	Metals	4/2					
9	SULFURIC ACID ANODIZE												
	Tanks 461, 457, 2 Trenches and 2 Sumps	6	6	24	12	0-2 , 2-4	Metals	12/6					
	PCE Carbon Absorption Unit	1	0	4	2	0-2, 2-4	Metals, VOCs	2/0	2/0				
	Former USTs 962 and 963	2	0	TBD approx 28	4	Sample below invert 0-2, 2-4	Metals	4/0					

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Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
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AOC No.	AOC Description	No. of Borings	No. of Corings	Lineal Ft Drilling	No. of Soil Samples	Sampling(2) Interval in ft.	Principal Chemicals of Concern - Target Compounds	Recommended Analysis[1] (soil/concrete)					
								1 MET	2 VOC	3 SVOC	4 TPH	5 PCB	6 CN
10	CHROMIC ACID ANODIZE												
	Sump of Transfer Tanks 1150, 1151, 1152	1	1	4	2	0-2. 2-4	Metals	2/1					
	Vapor Degreaser TCE Sump	1	0	4	2	0-2 , 2-4 below bottom of sump	VOCs		2/0				
	Trench Sump	1	1	4	2	0-2 , 2-4	Metals	2/1					
	Floor of Pit	2	2	8	4	0-2 , 2-4	Metals	4/2					
	Pit in Demineralizaer Room	1	1	4	2	0-2, 2-4	Metals	2/1					
	Shell Pella Pit	1	1	4	2	0-2, 2-4	TPHC				2/1		
11	ALODINE /SULFURIC ANODIZE												
	Transfer Tanks 1236, 1237 1238	1	1	4	2	0-2, 2-4	Metals	2/1					
	TCE Vapor Degreaser 1221 Sump	1	0	4	2	0-2, 2-4	VOCs		2/0				
	Process Pit Floor	2	2	8	4	0-2. 2-4	Metals	4/2					
	2 Sumps	2	2	8	4	0-2, 2-4	Metals	4/2					
12	PENETRANT INSPECTION												
	Process Pit	2	2	8	4	0-2, 2-4	Metals, VOCs, SVOCs, TPHC	4/2	4/0	4/0	4/0		
	Underground Waste Holding Tanks 1092 and 1093	2	0	TBD approx 28	4	From Tank invert 0-2, 2-4	Metals, VOCs, SVOCs, TPHC	4/0	4/0	4/0	4/0		

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AOC No.	AOC Description	No. of Borings	No. of Corings	Lineal Ft Drilling	No. of Soil Samples	Sampling(2) Interval in ft.	Principal Chemicals of Concern - Target Compounds	Recommended Analysis[1] (soil/concrete)					
								1 MET	2 VOC	3 SVOC	4 TPH	5 PCB	6 CN
13	HONEYCOMB PRETREATMENT AREA												
	Former TCE Degreaser Tank 965 and still 966	2	0	20	4	6-8, 8-10	VOCs		4/0				
	Former Tanks 806, 377, and 395	3	3	24	6	6-8, 8-10 Tank 806 0-2, 2-4	Metals	6/3					
14	OLD CHEM MILL												
	TCE Degreaser 920 and still 302	3	0	12	6	0-2, 2-4	VOCs		6/0				
	Old Chem Mill Transfer Tanks 81, 83, 84	1	1	4	2	0-2, 2-4	Metals	2/1					
	Transfer Tanks 1049, 1050	1	1	4	2	0-2, 2-4	Metals	2/1					
15	PRINTED CIRCUIT AND ENGRAVING DEPTS												
	Printed Circuit and Engraving Depts	3	3	24	6	0-2, 2-4	VOCs & Metals	6/3	6/0				
16	MACHINE SHOP AREAS												
	12 Random and 3 Biased Samples	15	15	60	30	0-2, 2-4	Metals, VOCs, TPH, PCBs	8/4	8/0		30/ 15	8/4	
17	BOILER ROOM												
	Underground Injection Control (UIC) to be addressed separately												
18	ROUTER ROOM												
	Former Degreasing Pit	1	0	14	2	10-12, 12-14	VOCs TPHC		2/0		2/0		
	TCE Vapor Degreaser -256	1	0	4	2	0-2, 2-4	VOCs		2/0				

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AOC No.	AOC Description	No. of Borings	No. of Corings	Lineal Ft Drilling	No. of Soil Samples	Sampling(2) Interval in ft.	Principal Chemicals of Concern - Target Compounds	Recommended Analysis[1] (soil/concrete)					
								1 MET	2 VOC	3 SVOC	4 TPH	5 PCB	6 CN
19	DRY WELL AT COLUMN GG7 and JJ2												
	Dry wells at GG7 and JJ2	2	0	24	4	8-10, 10-12	Metals, VOCs, TPHC	4/0	4/0		4/0		
20	DIFFUSION GALLERIES AND DRYWELLS												
	Two Diffusion Galleries	2	0	24	4	8-10, 10-12	Metals, VOCs, TPHC	4/0	4/0		4/0		
	Dry Wells 21 and 22 and 4 others TBD	6	0	84	12	10-12, 12-14	Metals, VOCs, SVOCs, TPHC	12/0	12/0	12/0	12/0		
21	EQUIPMENT PITS												
	27 Equipment Pits 1 Biased Sample per Pit	27	27	108	54	0-2, 2-4	TPHC Metals, VOCs, PCBs	14/7	14/0		54/27	14/7	
22	PETROLEUM STORAGE TANKS												
	7 USTs [6]	14 (2 per Tank)	0	TBD Approx, 300'	28 (2 per Tank)	Below tank invert 0-10 [6]	TPHC VOCs		28/0		28/0		
23	WASTE OIL ASTs												
	At Roads and Grounds Bldg - (6 Tanks)	6	0	24	12	0-2, 2-4	VOCs, PCBs, TPHC		12/0		12/0	12/0	
24	DRUM STORAGE												
	Drum Storage at Bldg Column N11	2	1 Inside Bldg.	8	4	0-2, 2-4	Metals, TPHC, VOCs, SVOCs PCBs	4/1	4/0	4/1	4/1	4/1	
25	ROADS AND GROUNDS BLDG .												
	Garage Roads and Grounds Building 003-13	1	1	4	2	0-2, 2-4	VOCs, TPHC Pesticides		2/0		2/1	2/1	

TABLE 9
Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
Summary of Recommendations for Phase II Site Investigation

AOC No.	AOC Description	No. of Borings	No. of Corings	Lineal Ft Drilling	No. of Soil Samples	Sampling(2) Interval in ft.	Principal Chemicals of Concern - Target Compounds	Recommended Analysis(1) (soil/concrete)					
								1 MET	2 VOC	3 SVOC	4 TPH	5 PCB	6 CN
26	CHEMICAL STORAGE BLDG.												
	Bldg 003-31 and 003-32 Chemical Storage	3	2	12	6	0-2, 2-4	Metals, VOCs, SVOCs, TPHC	6/2	6/0	6/2	6/2		
27	STORAGE SHED BLDG 003-41												
	Scrap Metal Storage Shed at AA17 - 003-41	1	1	4	2	0-2, 2-4	TPHC				2/1		
28	PESTICIDE STORAGE												
	Bldg 003-44	1	1	4	2	0-2, 2-4	TPHC Pesticides				2/1	2/1	
29	FLAMMABLE STORAGE SHED												
	Flammable Storage Shed next to Propane Storage Shed	1	0	4	2	0-2, 2-4	VOCs, TPHC		2/0		2/0		
30	THREE STORAGE SHEDS ADJACENT TO ROADS AND GROUNDS BLDG												
	Oil Drum Storage at Middle Shed	1	0	4	2	0-2, 2-4	VOCs, TPHC		2/0		2/0		
	Southern Shed Pesticide Storage	1	0	4	2	0-2, 2-4	TPHC, Pesticides				2/0	2/0	
31	SUBSURFACE VAULT AT COLUMN AA11												
	Subsurface Vault at AA11	1	1	4	2	0-2, 2-4 below vault bottom	Metals TPHC	2/1			2/1		

TABLE 9
Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
Summary of Recommendations for Phase II Site Investigation

AOC No.	AOC Description	No. of Borings	No. of Corings	Lineal Ft Drilling	No. of Soil Samples	Sampling(2) Interval in ft.	Principal Chemicals of Concern - Target Compounds	Recommended Analysis[1] (soil/concrete)					
								1 MET	2 VOC	3 SVOC	4 TPH	5 PCB	6 CN
32	PCE and TCE STORAGE TANKS												
	PCE, USTs, 1090, 1091 [6]	2	0	20	4	Sample below invert 0-2 & 2-10 continuous	VOCs		4/0				
32	PCE-AST 1207	1	0	4	2	0-2. 2-4	VOCs		2/0				
	Tanks 11, 885, and 1271	3	0	12	6	0-2, 2-4	VOCs		6/0				
33	WASTE ACCUMULATION AREAS												
	27 Small Volume Waste Accumulation Areas	27	27	108	54	0-2, 2-4	VOCs, Metals, SVOCs, TPHC	54/27	54/0	54/27	54/27		
34	OLD AUTOCLAVE AREA												
	Autoclave Process Area	4	4	16	8	0-2, 2-4	PCBs, TPHC				8/4	8/4	
	Drain and Cooling Pits	2	0	16	4	0-2, 2-4 below invert	PCBs, TPHC				4/0	4/0	
	Dry Wells 23 and 25 and 2 near KK42	4	0	56	8	10-12, 12-14	TPHC and PCBs				8/0	8/0	
35	SLUDGE DRYING BED												
	Former Sludge Drying Bed	2	0	8	4	0-2, 2-4	Metals VOCs SVOCs TPHC PCBs, Cyanide	4/0	4/0	4/0	4/0	4/0	4/0
36	UNBIASED RANDOM LOCATIONS inPLANT 3												
	Random Samples	16	0	64	32	0-2, 2-4	Metals, VOCs, SVOCs, TPHC, PCBs, Cyanide	32/0	32/0	32/0	32/0	32/0	32/0
	TOTAL	246	152	1664	468	N/A	N/A	314 /112	326 /0	186 /59	304 /82	104 /29	52 /4

TABLE 9

Phase I Site Assessment - Plant 3 (Product Manufacturing Facility)
Summary of Recommendations for Phase II Site Investigation

N/A - Not Applicable

(1) Analyses are listed below.

1. Priority Pollutant Metals (Method 6010)
2. Volatile Organic Compounds (Method 8240)
3. Semi Volatile Organic Compounds (Method 8270)
4. Total Petroleum Hydrocarbons (Method 8015-Modified)
5. PCBs (Method 8080)
6. Cyanide (Method 335.1)

(2) Sampling intervals are in feet below grade, unless otherwise noted.

(3) For continuous soil sampling, a sample will be collected every two (2) feet.

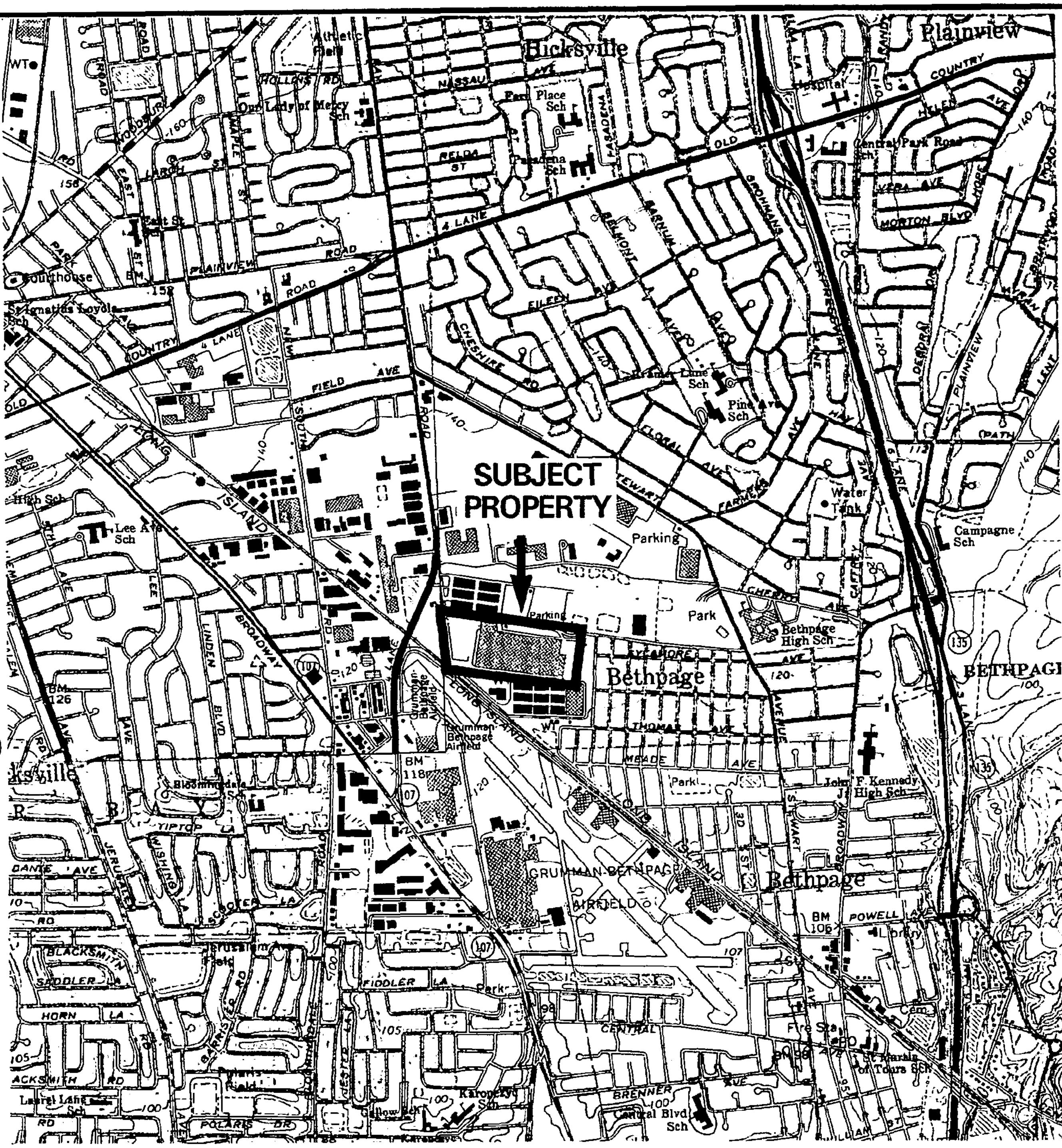
(4) Samples from drywells and leaching chambers will be collected below the invert.

(5) For continuous sampling, the first sample shall be collected directly below the invert; the remaining samples shall be screened by PID and field observations. and the highest reading sample analyzed.

(6) A Magnometer will be utilized to determine if USTs are present or absent; and if present, the UST location.

FIGURES

Printed on Recycled Paper



SCALE 1:24000

0 — 1/2 MI. — 1 MI.

0' — 1000' — 2000'

REFERENCE:

U.S. Geological Survey

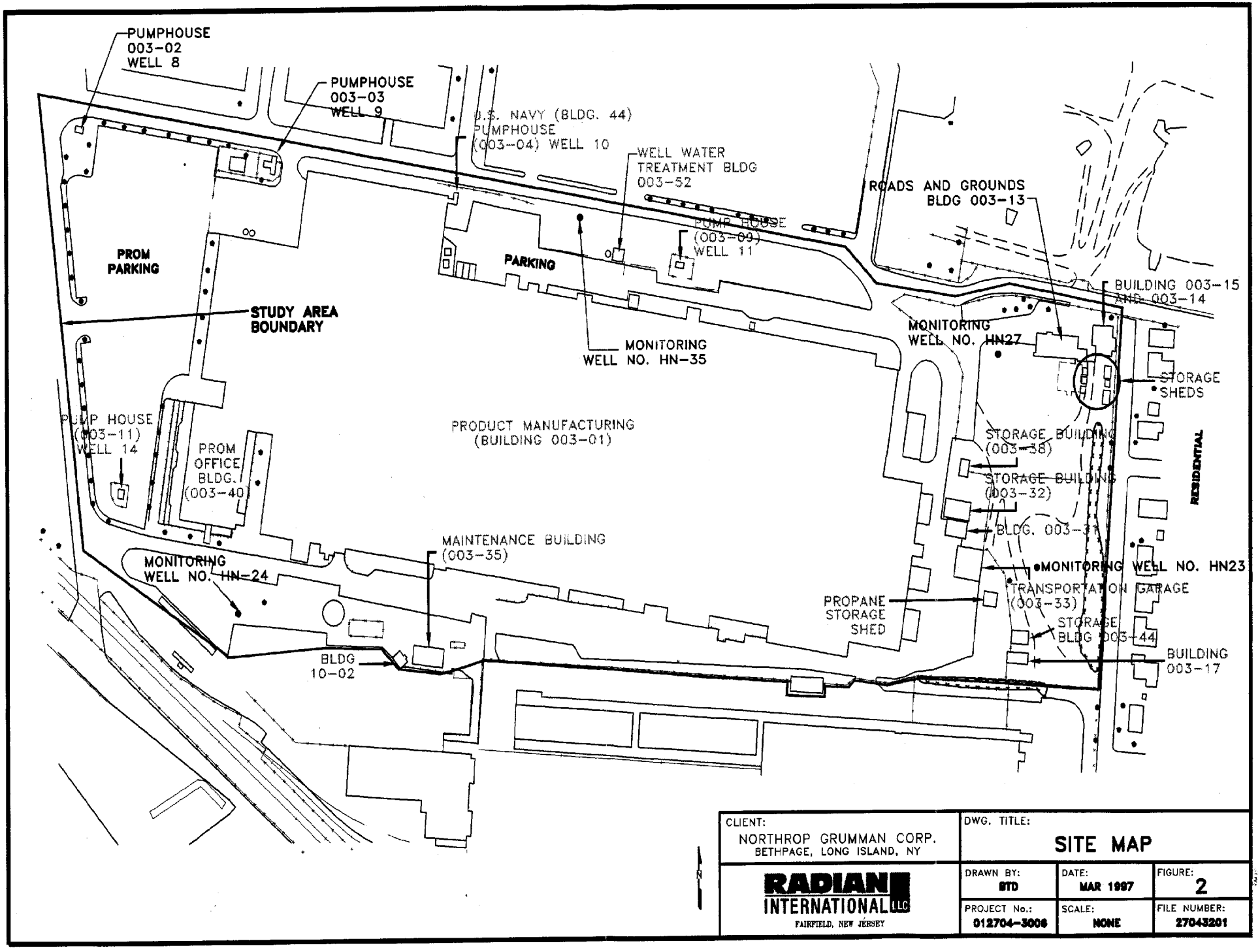
HUNTINGTON, NY

40073-G4-TF-024
1967
PHOTOREVISED 1979

QUADRANGLE LOCATION

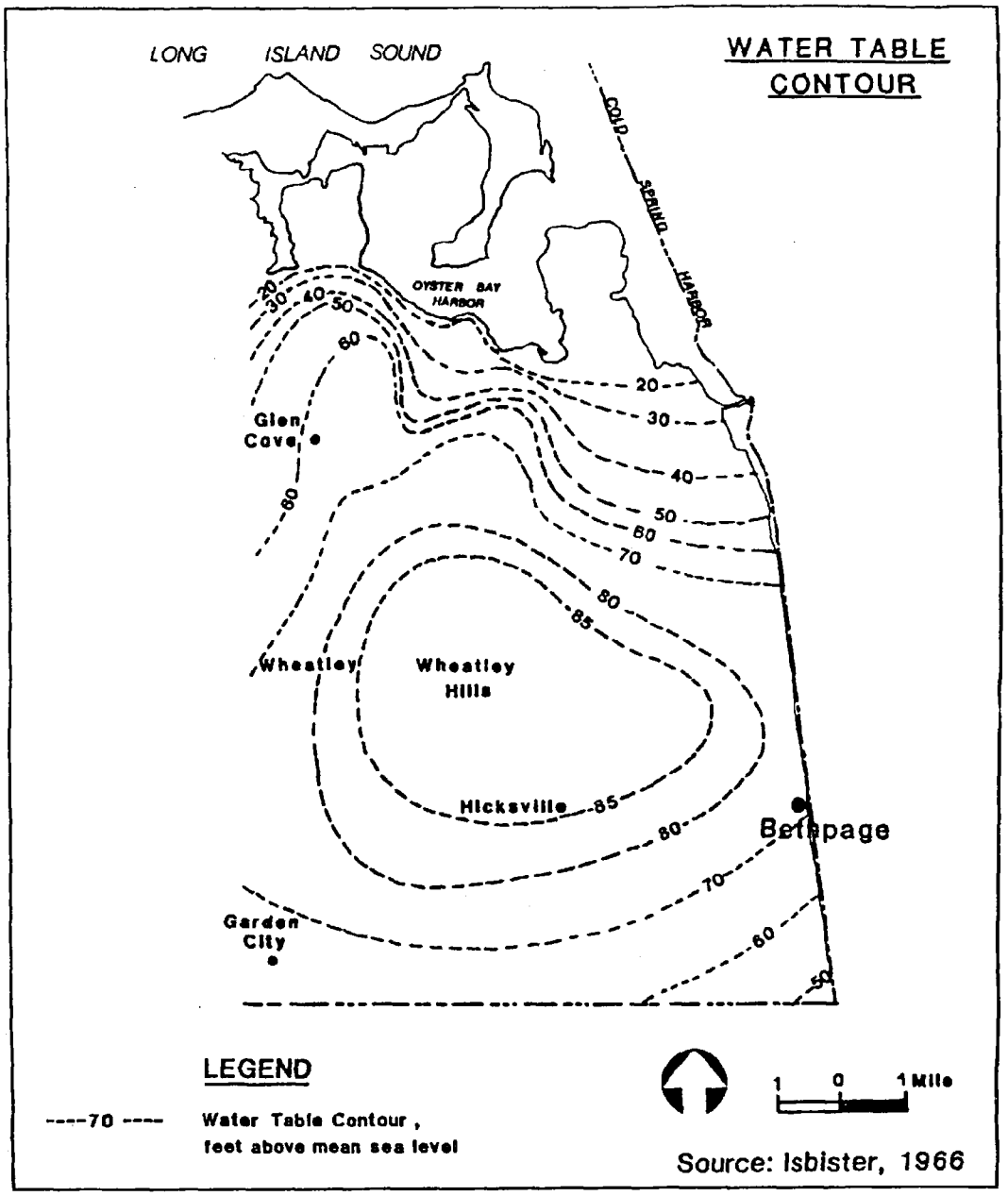
RADIAN INTERNATIONAL LLC	VICINITY MAP PLANT 3 SITE		Figure: 1
	Client: NORTHROP GRUMMAN CORP.	Proj No.: 012704-3006 Date: April 1997	27043200

NYSDEC 058000



CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: SITE MAP		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: MAR 1997	FIGURE: 2
	PROJECT No.: 012704-3006	SCALE: NONE	FILE NUMBER: 27043201

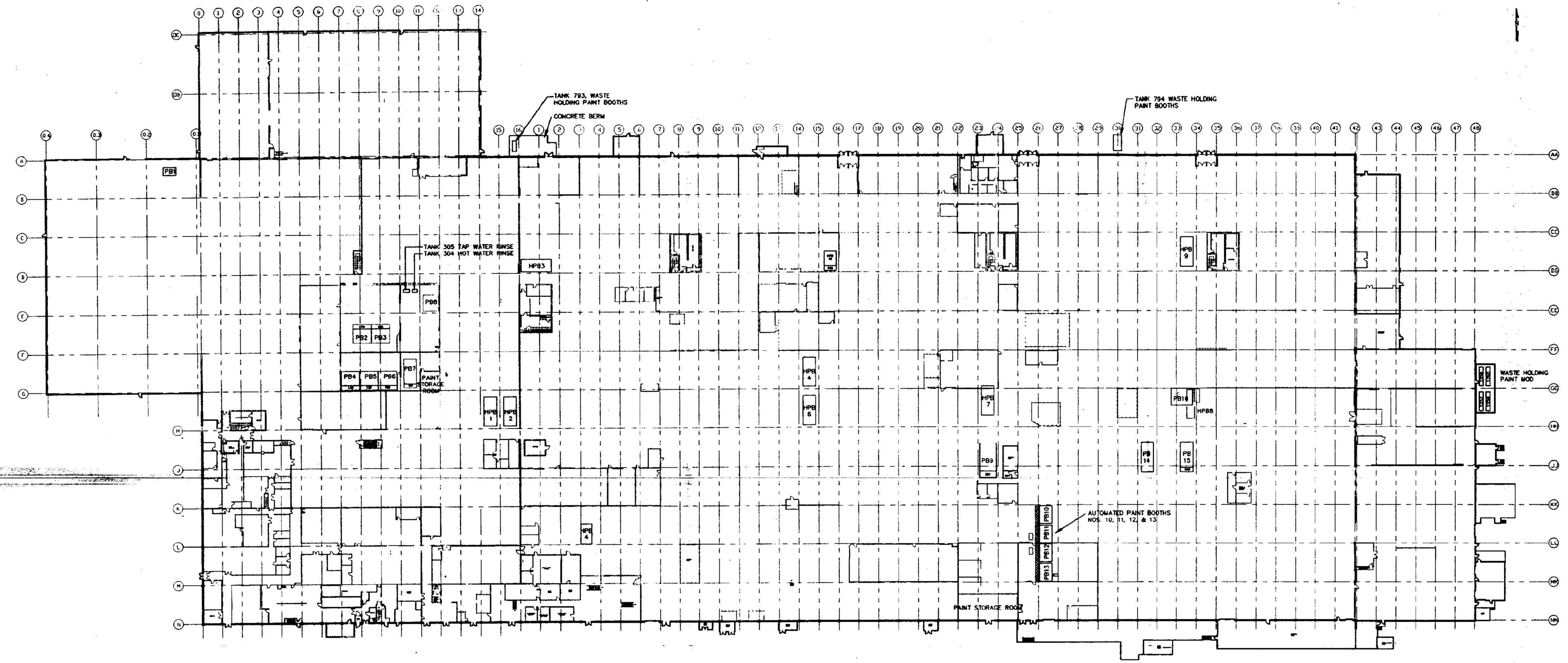
NYSDEC 058001



CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: HYDRAULIC HEAD VALUES		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: FEB. 1997	FIGURE: 3
	PROJECT No.: 2704-1006	SCALE: AS SHOWN	FILE NUMBER: 2704120F

REFERENCE: GERAGHTY & MILLER, INC.
GENERALIZED AREAS OF IMPACTED GROUNDWATER

CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY		DWG. TITLE: IMPACTED AREA OF GROUNDWATER CONTAMINATION: GOCO FACILITY	
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: FEB 1997	FIGURE: 4
	PROJECT No.: 002704	SCALE: NONE	FILE NUMBER: 2704GW



LIST OF PAINT BOOTH TANKS

TANK NO.	CONTENTS
321	DEACTIVATING SOLUTION
323	DEACTIVATING SOLUTION
325	DEACTIVATING SOLUTION
794	DEACTIVATING SOLUTION
62	DEACTIVATING SOLUTION
109	DEACTIVATING SOLUTION
137	DEACTIVATING SOLUTION
139	DEACTIVATING SOLUTION
152	DEACTIVATING SOLUTION
170	DEACTIVATING SOLUTION
304	HOT WATER RINSE
305	TAP WATER RINSE
1257	WASTE HOLDING PAINT
1258	WASTE HOLDING PAINT
1259	WASTE HOLDING PAINT
1260	WASTE HOLDING PAINT
793	WASTE HOLDING PAINT BOOTHS
794	WASTE HOLDING PAINT BOOTHS

LEGEND

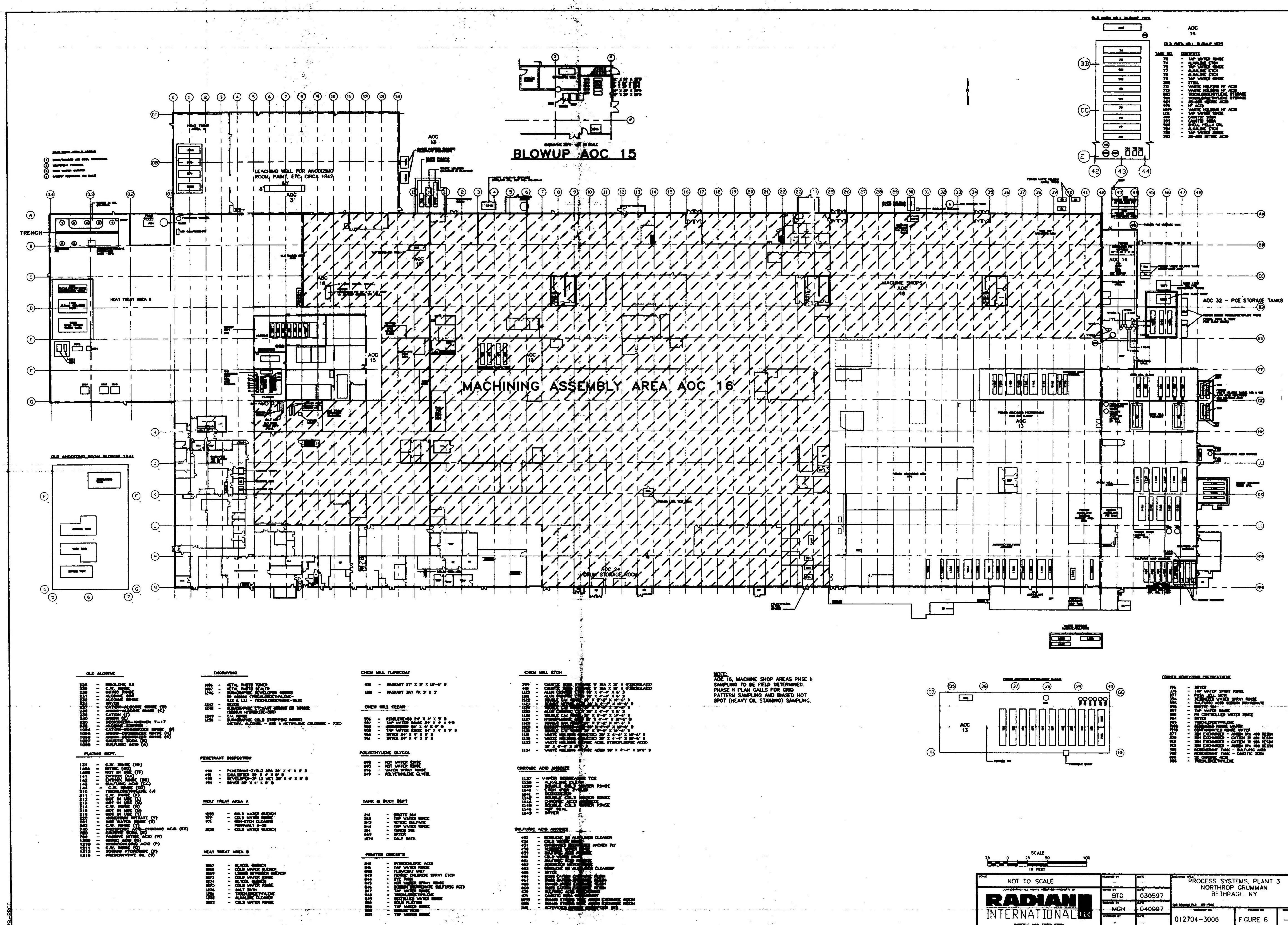
PB – DENOTES PAINT BOOTH

HPB – DENOTES HISTORIC PAINT BOOTH

NOTE:
AOC 1, ALL PAINT BOOTHS, AND RELATED TANKS (18 EXISTING PAINT BOOTHS, 10 HISTORICAL PAINT BOOTHS, MOLTEN SALT PAINT STRIPPER, AND PAINT WASTE HOLDING TANKS NOS. 793, 794, 1257, 1258, 1259, AND 1260).

SCALE: NONE	DRAWN BY: –	DATE: –	DRAWING TITLE: PAINT BOOTHS, PLANT 3 NORTHROP GRUMMAN BETHPAGE, NY
RADIAN INTERNATIONAL LLC, FAIRFIELD, NEW JERSEY 07004	DESIGN BY: BTD	DATE: 030697	
	CHECKED BY: MGH	DATE: 030297	CAD DRAWING FILE: 2PBPAINT
	APPROVED BY: –	DATE: –	012704-3006 / FIGURE 5 / –

2PBPAINT



NYSDEC 058005

ALODINE

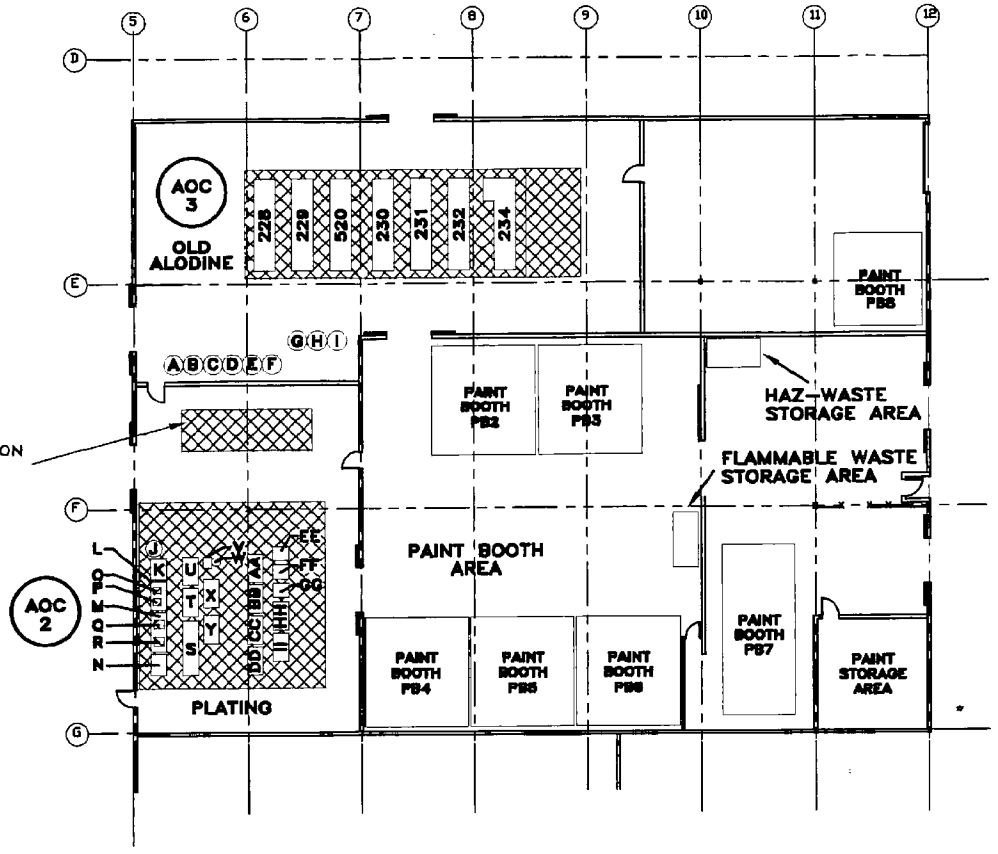
228	–	RIDOLENE 53
229	–	C.W. RINSE
230	–	NITRIC RINSE
231	–	ALODINE 600
232	–	ALODINE RINSE
234	–	DRYER
237	–	CATION–ALODINE RINSE (D)
238	–	ANION–ALODINE RINSE (C)
239	–	CATION (F)
240	–	ANION (E)
520	–	DEOXIDIZER–AMCHEM 7–17
932	–	ALODINE STRIPPER
1064	–	CATION–DEOXIDIZER RINSE (I)
1065	–	ANION–DEOXIDIZER RINSE (H)
1066	–	ANION–DEOXIDIZER RINSE (G)
1067	–	CAUSTIC SODA (B)
1068	–	SULFURIC ACID (A)

PLATING DEPT.

131	–	C.W. RINSE (HH)
140A	–	NITRIC (GG)
140B	–	NOT IN USE (FF)
141	–	ENTHOX (AA)
142	–	ENTHOX RINSE (BB)
143	–	SULFURIC ACID (CC)
144	–	C.W. RINSE (DD)
210	–	TRICHLORETHYLENE (J)
211	–	C.W. RINSE (K)
212	–	NOT IN USE (L)
213	–	NOT IN USE (M)
214	–	C.W. RINSE (N)
215	–	NOT IN USE (U)
216	–	NOT IN USE (T)
220	–	AMMONIUM NITRATE (V)
281	–	HOT WATER RINSE (X)
282	–	C.W. RINSE (Y)
740	–	PHOSPERIC ACID–CHROMIC ACID (EE)
780	–	CAUSTIC SODA (I)
788	–	PASSIVE NITRIC ACID (W)
1209	–	NITRIC ACID (O)
1210	–	HYDROCHLORIC ACID (P)
1211	–	C.W. RINSE (Q)
1212	–	SODIUM HYDROXIDE (R)
1216	–	PRESERVATIVE OIL (S)

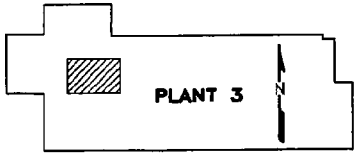
PAINT BOOTHS

69	–	DEACTIVATING SOLUTION
109	–	"
137	–	"
138	–	"
152	–	"
170	–	"
304	–	C.W. RINSE
306	–	H.W. RINSE

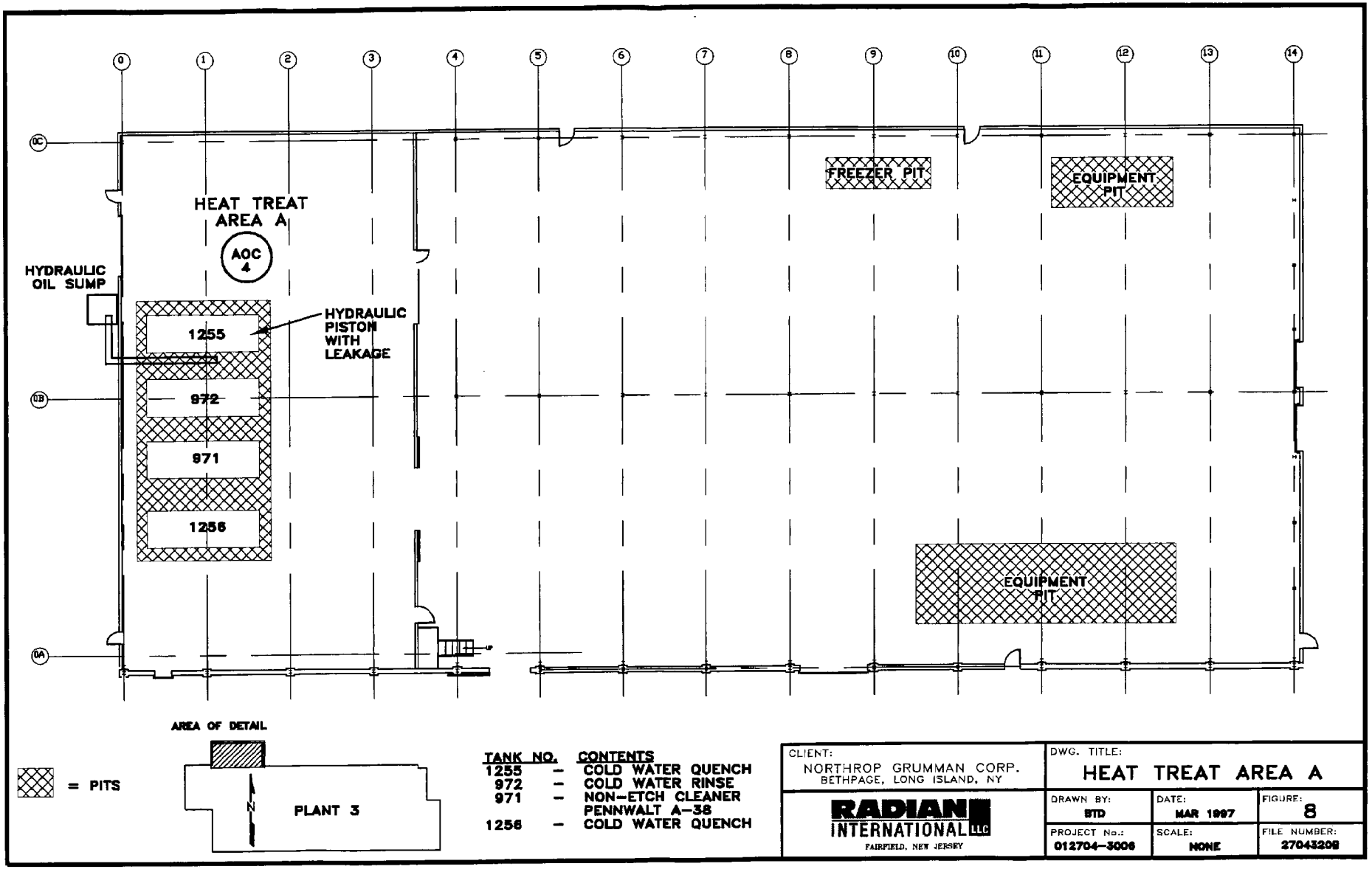


= PITS

AREA OF DETAIL



CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: PLATING AND OLD ALODINE PROCESS AREAS		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: MAR 1997	FIGURE: 7
	PROJECT No.: 012704–3006	SCALE: NONE	FILE NUMBER: 2704320D



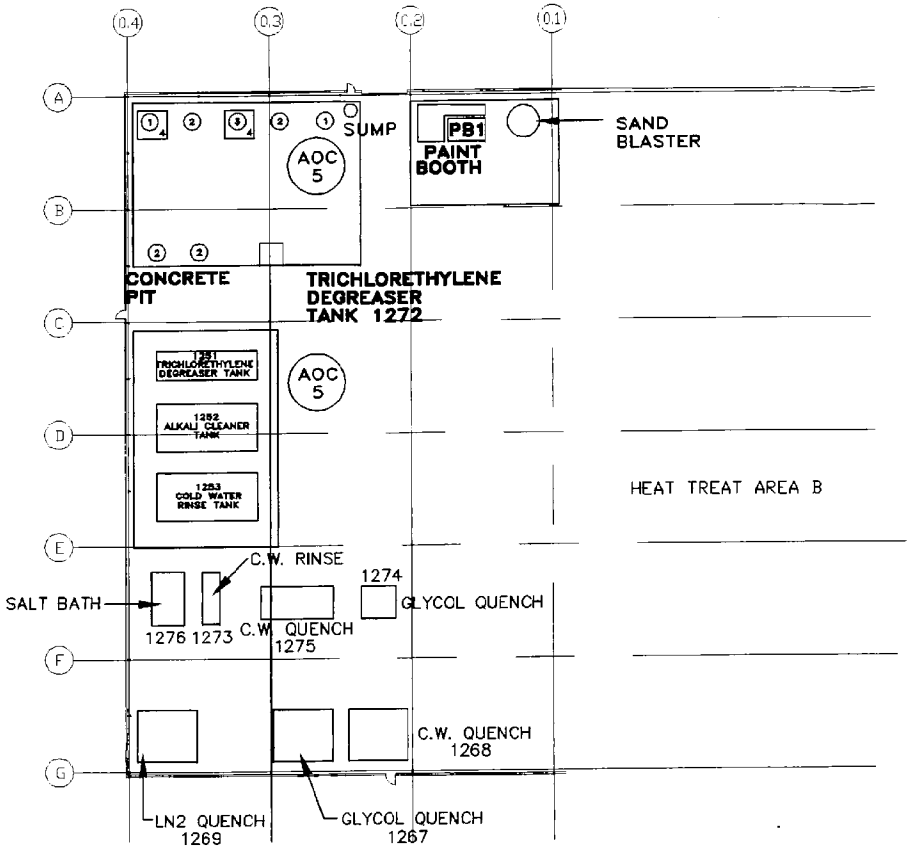
TANK NO.		CONTENTS
1255	–	COLD WATER QUENCH
972	–	COLD WATER RINSE
971	–	NON-ETCH CLEANER PENNWALT A-38
1256	–	COLD WATER QUENCH

CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY

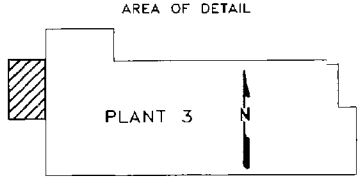
RADIAN INTERNATIONAL LLC
FAIRFIELD, NEW JERSEY

DWG. TITLE: HEAT TREAT AREA A

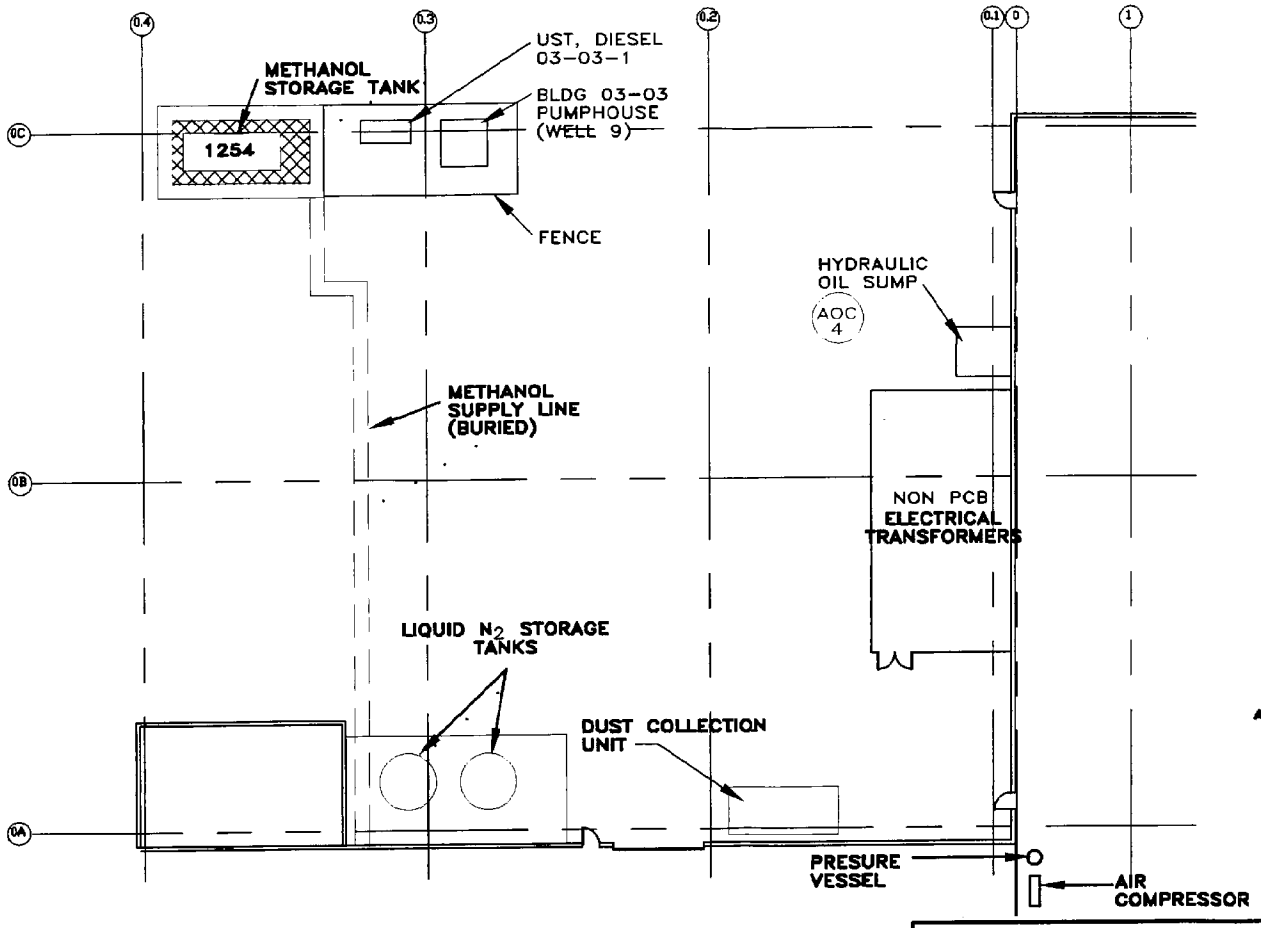
DRAWN BY:	DATE:	FIGURE:
STD	MAR 1997	8
PROJECT No.:	SCALE:	FILE NUMBER:
012704-3006	NONE	27043208



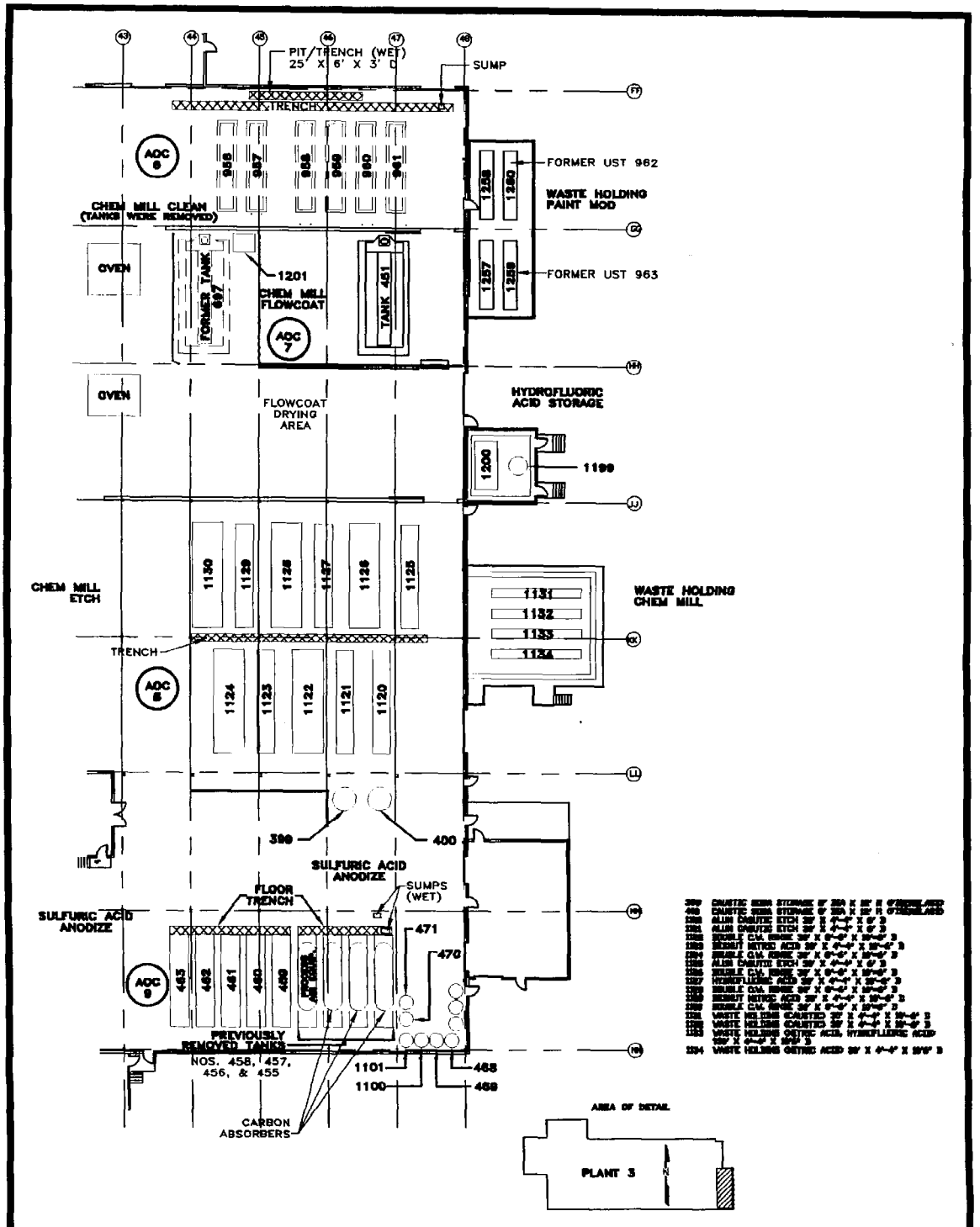
1. LOAD/UNLOAD AIR COOL STRUCTURE
2. TEMPERING FURNACE
3. COLD WATER QUENCH
4. GANTRY FURNACES ON RAILS



CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: HEAT TREAT AREA B		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: MAR 1997	FIGURE: 9
	PROJECT No.: 012704-3003	SCALE: NONE	FILE NUMBER: 2704300B

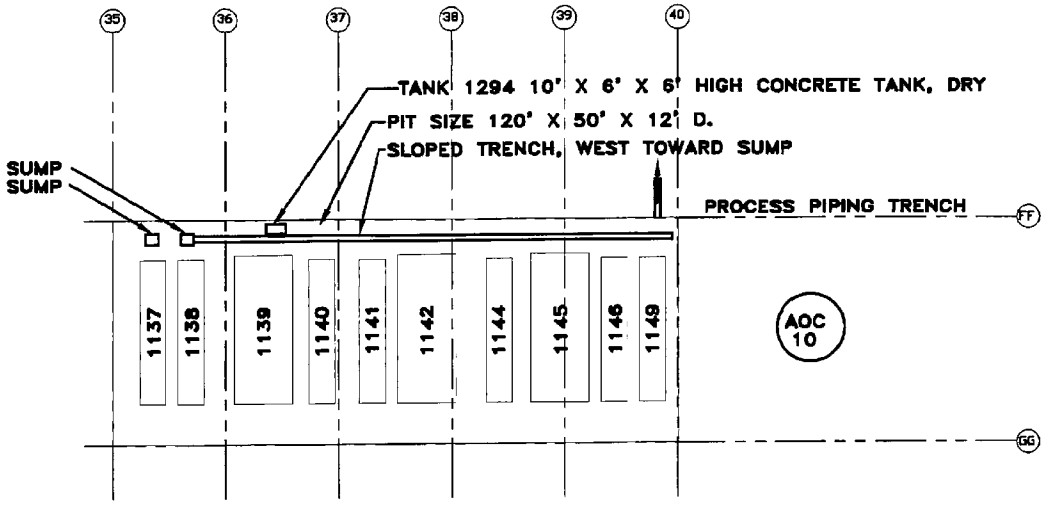


CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY		DWG. TITLE: OUTSIDE WEST OF TREAT HEAT AREA A	
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: MAR 1997	FIGURE: 10
	PROJECT No.: 012704-3006	SCALE: NONE	FILE NUMBER: 2704320A



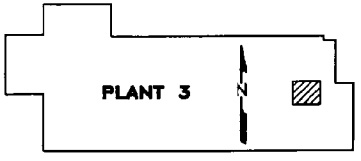
CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: **CHEM MILL CLEAN, CHEM MILL FLOWCOAT, AND CHEM MILL ETCH SULFURIC ACID ANODIZE**		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: MAR 1997	FIGURE: 11
	PROJECT No.: 012704-6006	SCALE: NONE	FILE NUMBER: 2704-320U

NYSDEC 058010

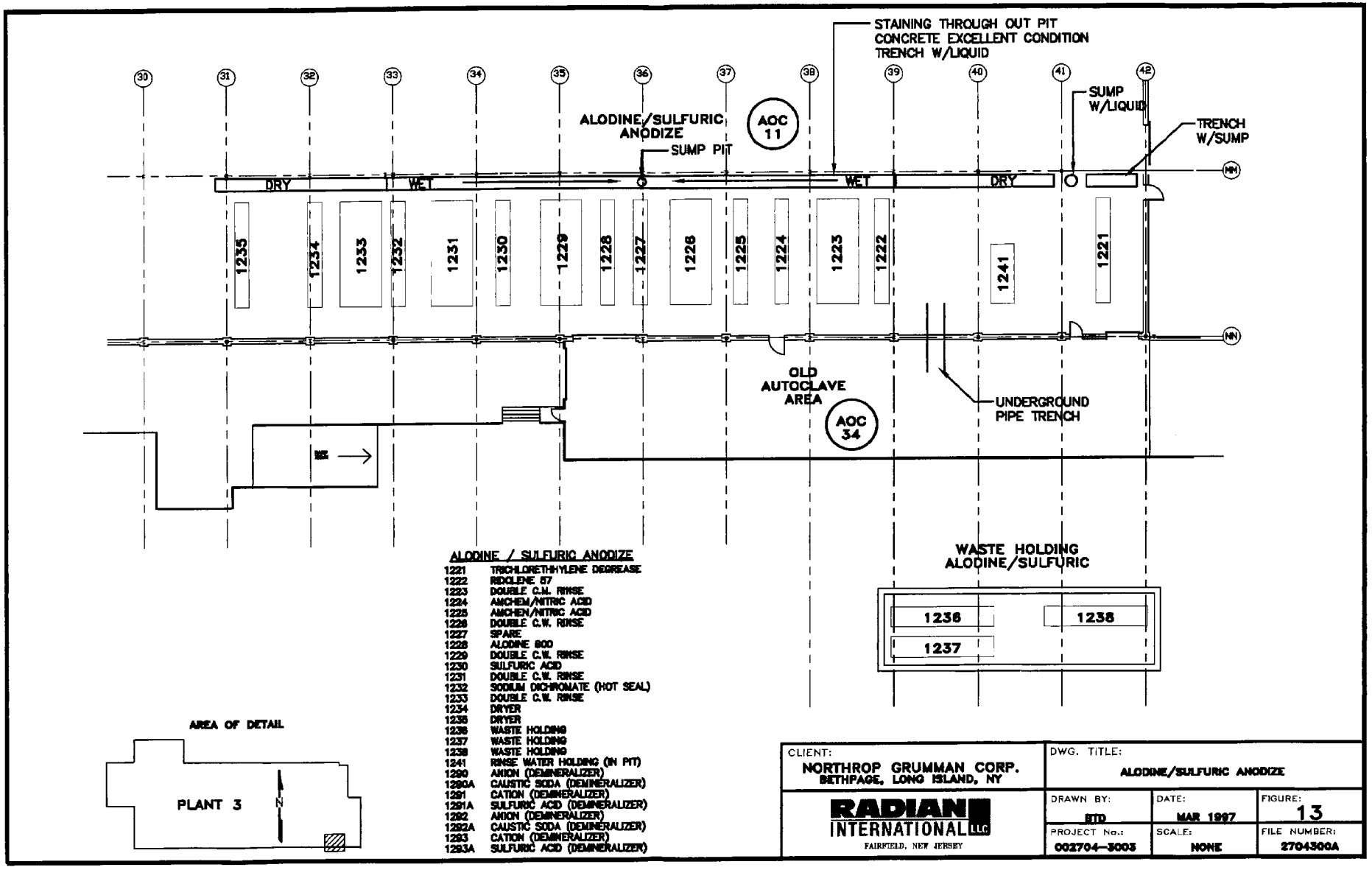


TANK	CONTENTS
1137	VAPOR DEGREASER TCE
1138	ALKALINE CLEAN
1139	DOUBLE COLD WATER RINSE
1140	ETCH (FOR ZYGLO)
1141	DEOXIDIZER
1142	DOUBLE COLD WATER RINSE
1144	CHROMIC ACID ANODIZE
1145	DOUBLE COLD WATER RINSE
1146	HOT SEAL
1149	DRYER
1294	RINSE WATER HOLDING

AREA OF DETAIL



CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: CHROMIC ACID ANODIZE PLANT 3		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: MAR 1997	FIGURE: 12
	PROJECT No.: 012704-3006	SCALE: NONE	FILE NUMBER: 2704320V



ALODINE / SULFURIC ANODIZE

1221	TRICHLORETHYLENE DEGREASE
1222	RIDOLENE 57
1223	DOUBLE C.M. RINSE
1224	AMCHEM/NITRIC ACID
1225	AMCHEM/NITRIC ACID
1226	DOUBLE C.W. RINSE
1227	SPARE
1228	ALODINE 600
1229	DOUBLE C.W. RINSE
1230	SULFURIC ACID
1231	DOUBLE C.W. RINSE
1232	SODIUM DICHROMATE (HOT SEAL)
1233	DOUBLE C.W. RINSE
1234	DRYER
1235	DRYER
1236	WASTE HOLDING
1237	WASTE HOLDING
1238	WASTE HOLDING
1241	RINSE WATER HOLDING (IN PIT)
1290	ANION (DEMINERALIZER)
1290A	CAUSTIC SODA (DEMINERALIZER)
1291	CATION (DEMINERALIZER)
1291A	SULFURIC ACID (DEMINERALIZER)
1292	ANION (DEMINERALIZER)
1292A	CAUSTIC SODA (DEMINERALIZER)
1293	CATION (DEMINERALIZER)
1293A	SULFURIC ACID (DEMINERALIZER)

CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY

DWG. TITLE: ALODINE/SULFURIC ANODIZE

RADIAN INTERNATIONAL LLC
FAIRFIELD, NEW JERSEY

DRAWN BY:	DATE:	FIGURE:
BTD	MAR 1997	13
PROJECT No.:	SCALE:	FILE NUMBER:
002704-3003	NONE	2704300A

NOT TO SCALE	–	–	
RADIAN INTERNATIONAL LLC	BJD	030597	
	MGH	030797	
LOCATIONS OF PITS, PLANT 3 NORTHROP GRUMMAN BETHPAGE, NY	012704-3006	FIGURE 14	–

LEGEND

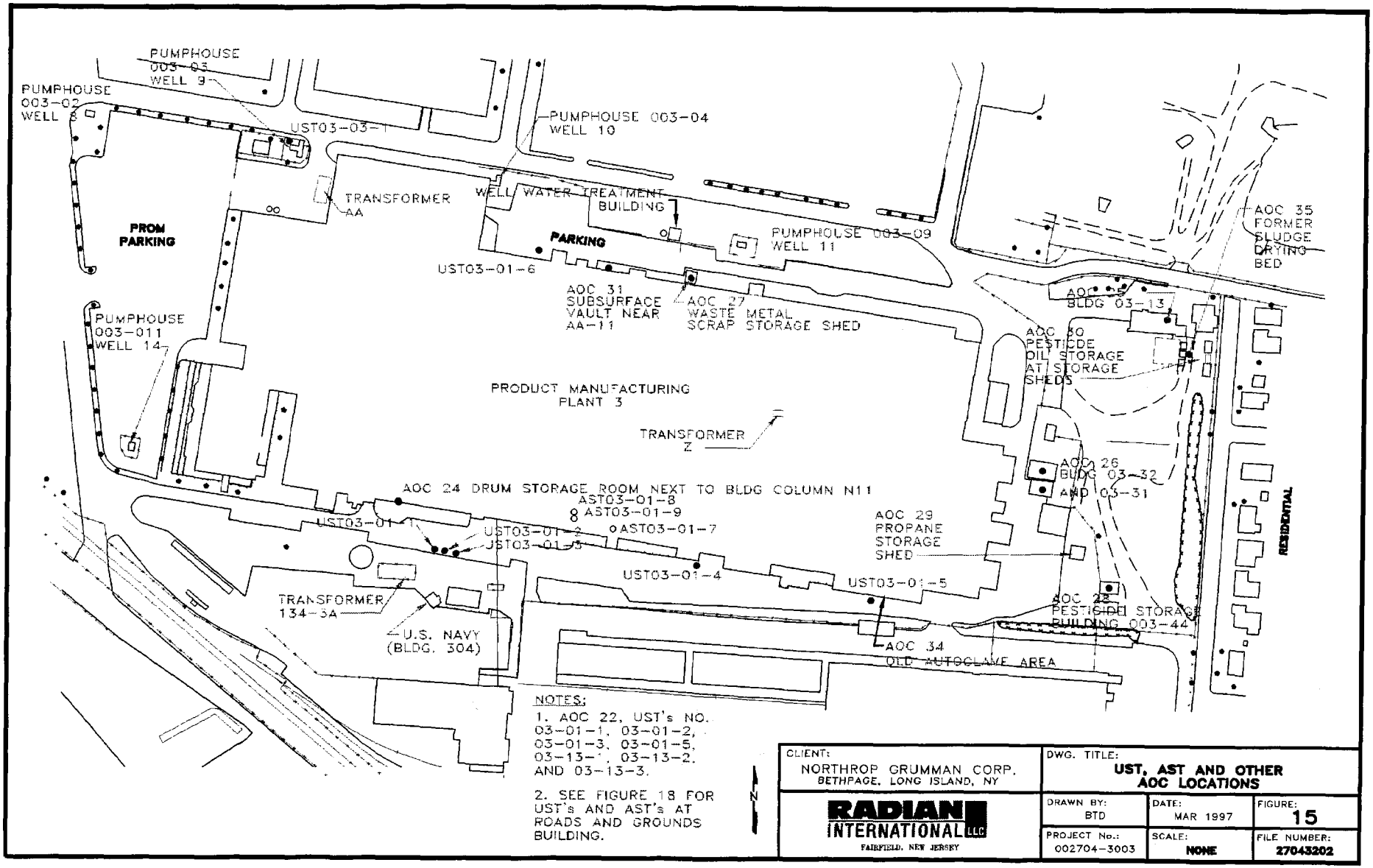
IDENTIFIES PIT LOCATION

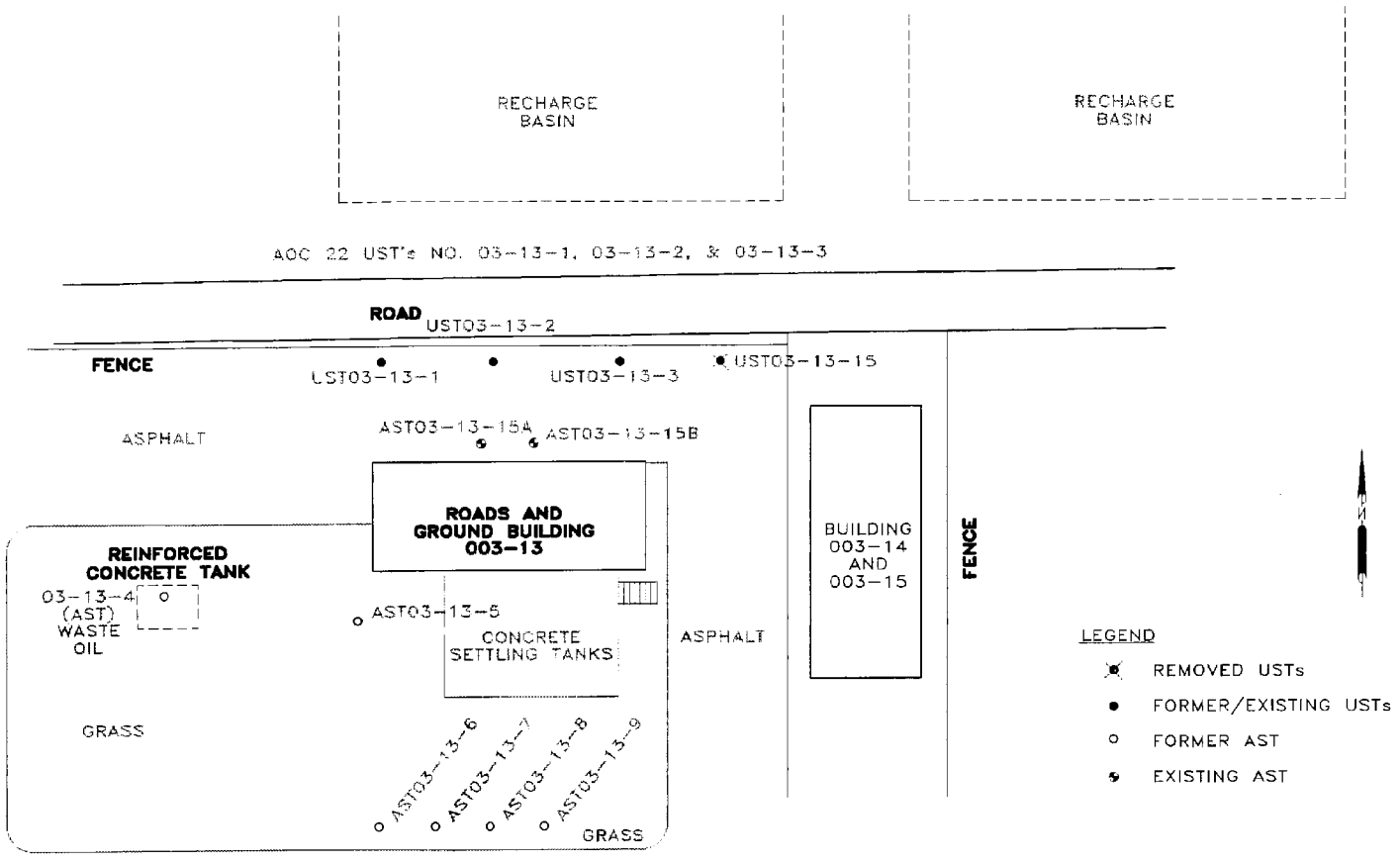
NOTES:

1. EQUIPMENT PITS ARE DESIGNATED AS AOC 21 (AREA OF CONCERN).
2. 27 EQUIPMENT PITS ARE CONSIDERED AREAS OF CONCERN.
3. THE FOLLOWING PIT NUMBERS ARE AOC#:

PIT NO.		
2	15	27
4	18	28
5	18	
6	19	
6A	20	
8	21	
9	22	
10	23	
11	24A	
12	24B	
12B	25	
14	26	

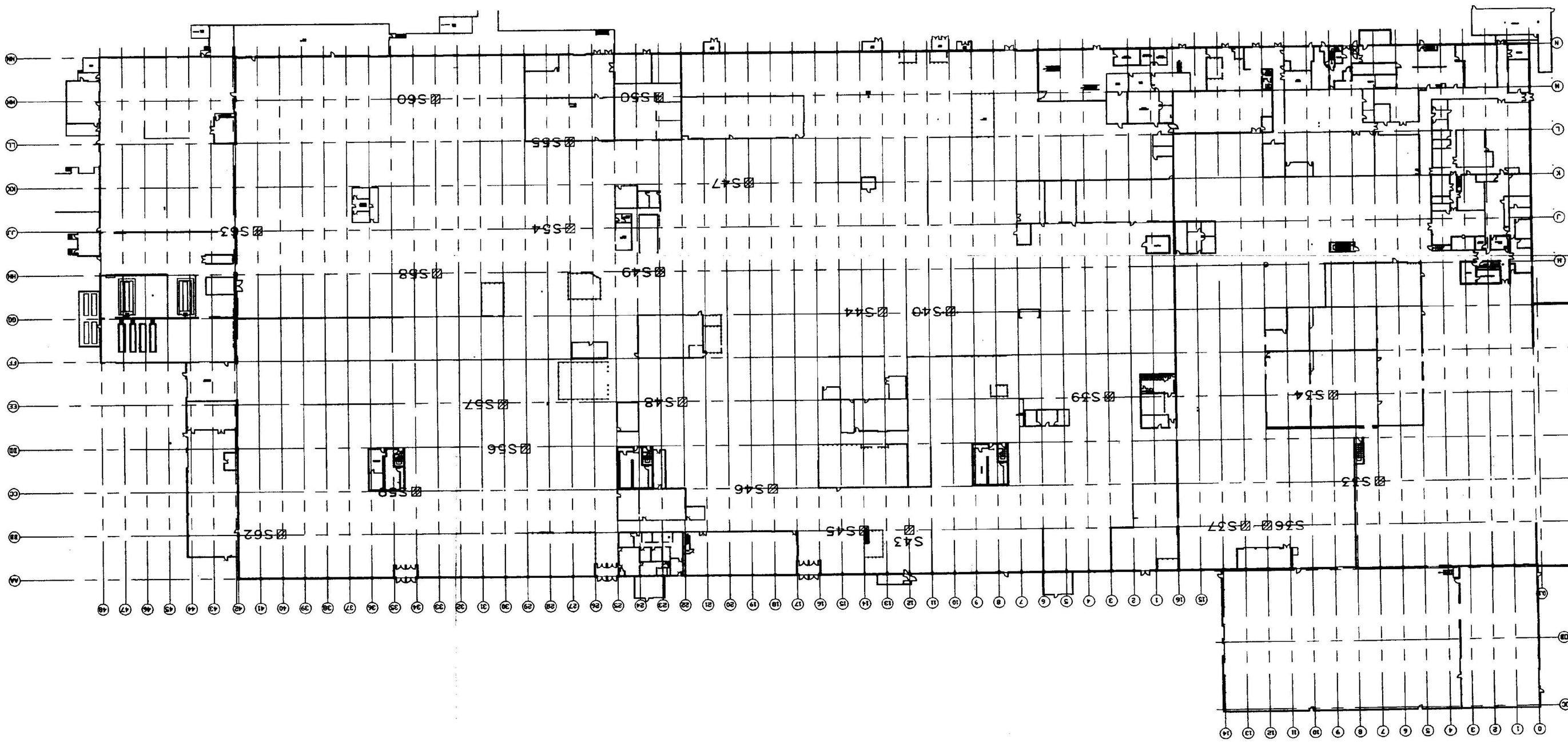
4. BASE MAP GENERATED FROM A NORTHROP GRUMMAN PLAN ENTITLED "DEMOLITION BUILDING 01, LOCATION & IDENTIFICATION OF TANKS & PAINT BOOTHS", DATED 2/12/97, RADIAN INTERNATIONAL LLC USED THE NORTHROP GRUMMAN PLAN DURING ITS EQUIPMENT PIT RECON OF PLANT 3 IN DETERMINING AREAS OF CONCERN.





AOC 23
FORMER WASTE OIL STORAGE TANKS
03-13-4 THROUGH 03-13-9

CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: UST's AND AST'S AT ROADS AND GROUNDS BUILDING		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: MAR 1997	FIGURE: 16
	PROJECT No.: 012704-3006	SCALE: NONE	FILE NUMBER: 2704320T



LEGEND

DENOTES SMALL VOLUME WASTE ACCUMULATION LOCATION

NOTES:

1. LOCATIONS OF SMALL VOLUME WASTE ACCUMULATION AREAS TAKEN FROM A NORTHROP GRUMMAN DRAWING ENTITLED "PAINT & CHEMICAL PROCESS FACILITIES, LOCATION & IDENTIFICATION OF TANKS & PAINT BOOTHS," DATED 5-20-88, DRAWING NO E-69-014, FIGURE 5. THIS DRAWING WAS PART OF A NASSAU COUNTY DEPARTMENT OF HEALTH, ARTICLE XI, TANK & CONTAINER STORAGE REGISTRATION SUBMISSION.

2. ALL SMALL VOLUME WASTE ACCUMULATION AREAS ARE DESIGNATED AS AOC 33 (AREA OF CONCERN).

SCALE: 0 25 50 100
IN FEET

DRAWN BY: —	DATE: —	RADIAN INTERNATIONAL LLC	SCALE: AS SHOWN
DESIGN BY: —	DATE: —		
CHECKED BY: MGH	DATE: 031097		
CAD DRAWING FILE: B1D	DATE: 030697		
DRAWING TITLE: SMALL VOLUME WASTE ACCUMULATION AREAS PLANT 3 NORTHROP GRUMMAN			
CAD DRAWING NO: 012704-3006		FIGURE 17	REV: —

PLATING DEPT.

131	=	C.W. RINSE (HH)
140A	=	NITRIC (GG)
140B	=	HOT IN USE (FF)
141	=	ENTHOX (AA)
142	=	ENTHOX RINSE (BB)
143	=	SULFURIC ACID (CC)
144	=	C.W. RINSE (DD)
145	=	ALUMINETCH (JJ)
210	=	C.W. RINSE (T)
212	=	HOT IN USE (U)
213	=	HOT IN USE (V)
214	=	C.W. RINSE (W)
215	=	HOT IN USE (X)
216	=	HOT IN USE (Y)
220	=	AMMONIUM NITRATE (Z)
261	=	HOT WATER RINSE (S)
262	=	C.W. RINSE (T)
740	=	PHOSPHORIC ACID-CHROMIC ACID (EE)
750	=	CAUSTIC SODA (Y)
752	=	PASSIVE NITRIC ACID (W)
1209	=	NITRIC ACID (X)
1210	=	HYDROCHLORIC ACID (P)
1211	=	C.W. RINSE (S)
1212	=	SODIUM HYDROXIDE (R)
1216	=	PRESERVATIVE OIL (B)

PAINT BOOTHS

66	=	DEACTIVATING SOLUTION
157	=	"
158	=	"
159	=	"
160	=	"
170	=	"
304	=	C.W. RINSE
306	=	H.W. RINSE

ENGRAVING

1686	=	METAL PHOTO TONER
1687	=	METAL PHOTO SEALER
1216	=	SUBMICRONIC DEVELOPER 88860 OR 88866 CHEMOLOGIE/MYLENE - SIX & LESS - TRICHLOROETHANE-95%
1217	=	ETCH
1218	=	SUBMICRONIC ETCHANT 88899 OR 88888
1219	=	SODIUM HYDROXIDE-25%
1220	=	C.W. RINSE
1221	=	SUBMICRONIC GOLD STRIPPING 88888
		METHYL ALCOHOL - 5% & METHYLENE CHLORIDE - 75%

PAINT BOOTHS

65	=	DEACTIVATED SOLUTION
304	=	C.W. RINSE
305	=	H.W. RINSE

PENETRANT INSPECTION

492	=	PENETRANT-TYPE II
493	=	EMULSIFIER
493	=	DEVELOPER-TYPE II
494	=	DRYER

ALODINE

228	=	RIDOLINE 53
229	=	C.W. RINSE
230	=	NITRIC RINSE
231	=	ALODINE 600
232	=	ALODINE RINSE
234	=	DRYER
235	=	CHROMIC-ALODINE RINSE (P)
236	=	NITRIC-ALODINE RINSE (S)
238	=	ALODINE 401
240	=	ANODIL (K)
520	=	DIFFUSIONITE-ANCHEM 7-17
531	=	ALODINE STRIPPER
1094	=	CHROMIC-DEOXIDIZER RINSE (P)
1095	=	AMBER-DEOXIDIZER RINSE (S)
1096	=	AMBER-DEOXIDIZER RINSE (S)
1097	=	CAUSTIC SODA (R)
1098	=	SULFURIC ACID (X)

CHEM MILL FLOWCOAT

451	=	MASKANT 27" X 9'-9" X 18'-6" D
1218	=	MASKANT BAY TK 3' X 3'

CHEM MILL CLEAN

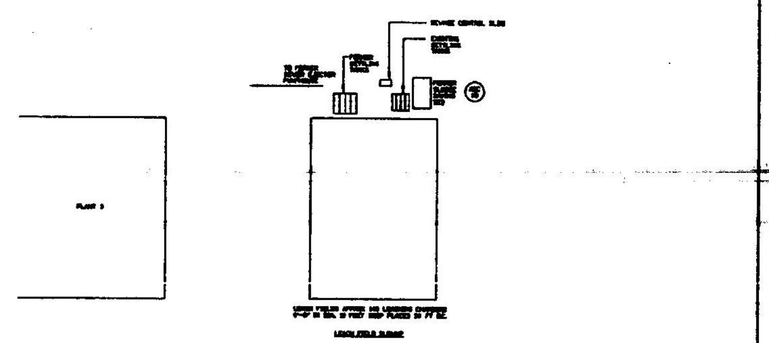
236	=	RIDOLINE-53 24" X 4'-6" D
237	=	TAP WATER RINSE 24" X 4'-6" VS
238	=	RIDOLINE-53 24" X 4'-6" D
239	=	TAP WATER RINSE 24" X 4'-6" VS
240	=	DRYER 24" X 4'-6" D
241	=	DRYER 24" X 4'-6" D

PAINT STRIPPING/KOLENE

1228	=	SALT BATH

CHEM MILL ETCH

399	=	CAUSTIC SODA STORAGE 8' DIA X 12' H GFIBERGLASS
449	=	CAUSTIC SODA STORAGE 8' DIA X 12' H GFIBERGLASS
1128	=	ALUM CAUSTIC ETCH 24" X 4'-6" X 6'-3" D
1131	=	ALUM CAUSTIC ETCH 24" X 4'-6" X 6'-3" D
1132	=	DOUBLE CAL RINSE 24" X 4'-6" X 6'-3" D
1133	=	SCRUPT NITRIC ACID 24" X 4'-6" X 6'-3" D
1134	=	DOUBLE C.W. RINSE 24" X 4'-6" X 6'-3" D
1135	=	ALUM CAUSTIC ETCH 24" X 4'-6" X 6'-3" D
1136	=	DOUBLE C.W. RINSE 24" X 4'-6" X 6'-3" D
1137	=	HYDROFLUORIC ACID 24" X 4'-6" X 6'-3" D
1138	=	DOUBLE C.W. RINSE 24" X 4'-6" X 6'-3" D
1139	=	SCRUPT NITRIC ACID 24" X 4'-6" X 6'-3" D
1140	=	DOUBLE C.W. RINSE 24" X 4'-6" X 6'-3" D
1141	=	WASTE HOLDING-CHEMTECH 24" X 4'-6" X 6'-3" D
1142	=	WASTE HOLDING-CHEMTECH 24" X 4'-6" X 6'-3" D
1143	=	WASTE HOLDING-NITRIC ACID, HYDROFLUORIC ACID 24" X 4'-6" X 6'-3" D
1144	=	WASTE HOLDING-NITRIC ACID 24" X 4'-6" X 16'-6" D



SCALE
25 0 25 50 100
IN FEET

SCALE: NOT TO SCALE	DESIGNED BY: —	DATE: —	DRAWING TITLE: DRAIN AND SUBSURFACE FEATURES PLANT 3 NORTHROP GRUMMAN BETHPAGE, NY
CONFIDENTIAL-ALL RIGHTS RESERVED-PROPERTY OF RADIAN INTERNATIONAL LLC, FAIRFIELD, NEW JERSEY 07004	DRAWN BY: BTD	DATE: 030597	
	CHECKED BY: MGH	DATE: 030797	CAD DRAWING FILE: 012704-3006
	APPROVED BY: —	DATE: —	CONTRACT NO.: 012704-3006
			DRAWING NO.: FIGURE 18
			REV.: —

NYSDEC 0580017

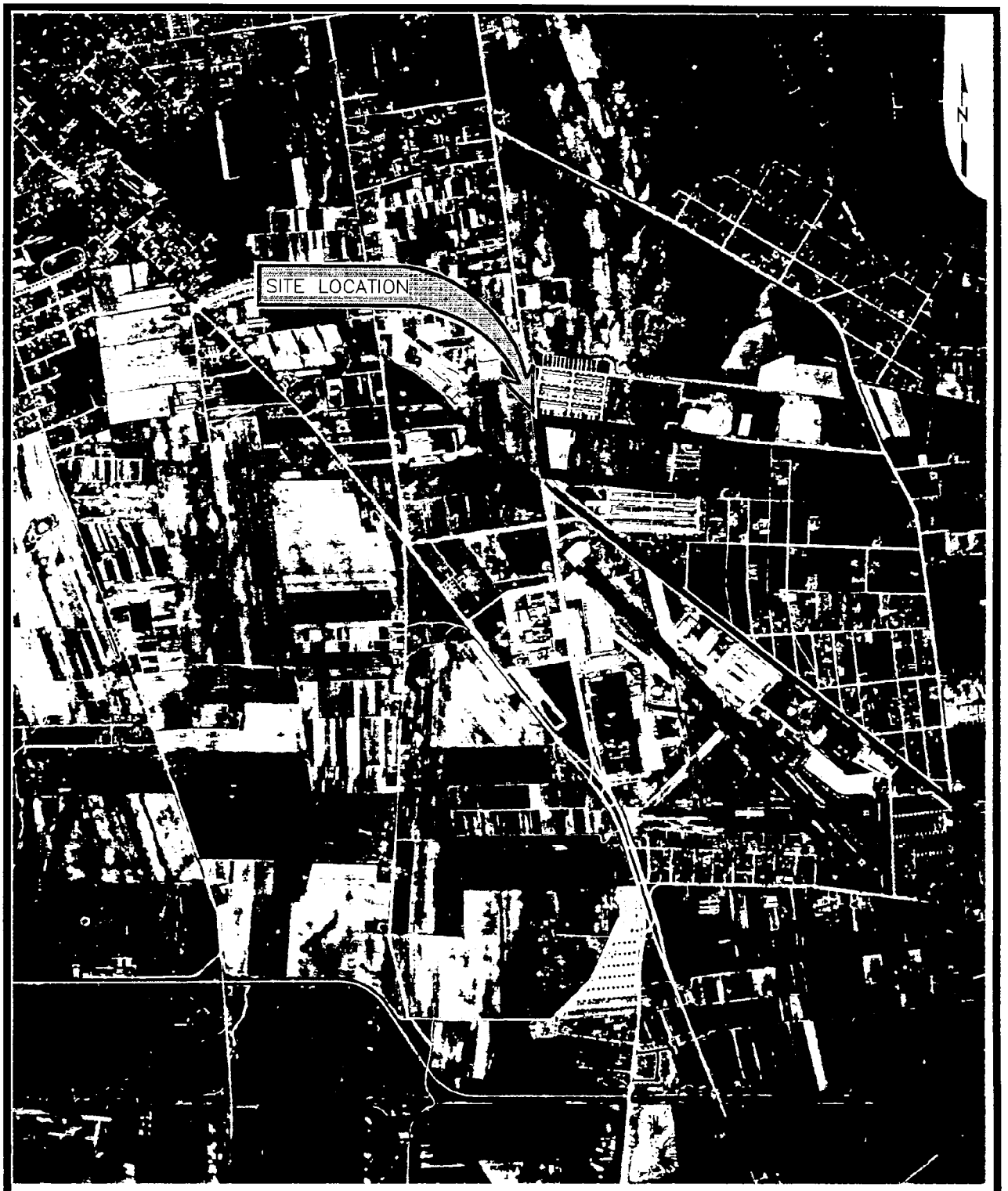
APPENDICES

Printed on Recycled Paper

A

APPENDIX A

AERIAL PHOTOGRAPHS



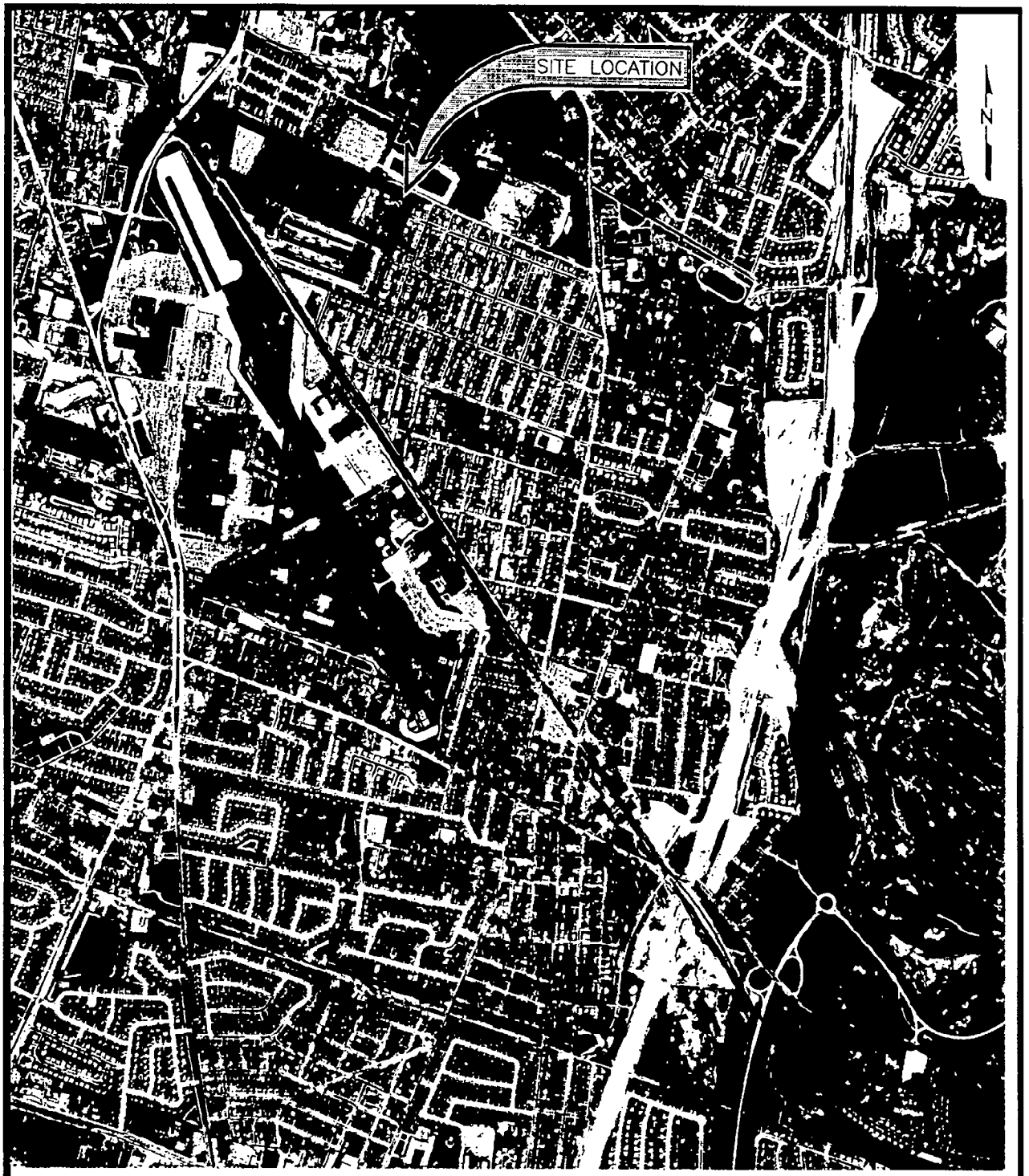
CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: AERIAL PHOTOGRAPH 1947		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: SEPT. 1996	FIGURE: A-1
	PROJECT No.: 2704-300	SCALE: UNKNOWN	FILE NUMBER: AP1947

CLIENT:
NORTHROP GRUMMAN CORP.
BETHPAGE, LONG ISLAND, NY

RADIAN INTERNATIONAL LLC
FAIRFIELD, NEW JERSEY

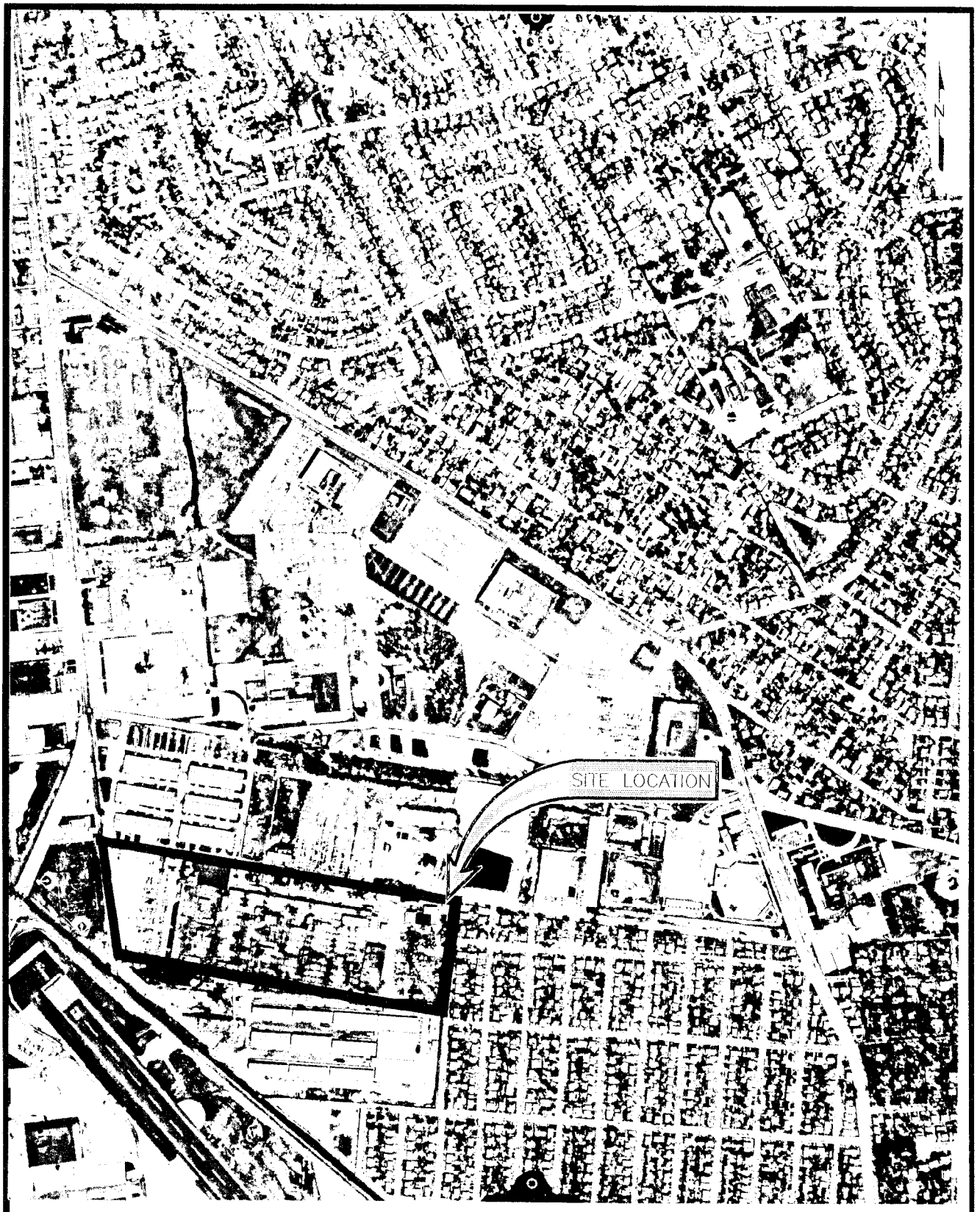
DWG. TITLE:
AERIAL PHOTOGRAPH 12-2-53

DRAWN BY:	DATE:	FIGURE:
BTD	SEPT. 1996	A-2
PROJECT No.:	SCALE:	FILE NUMBER:
2704-300	UNKNOWN	AP12253



CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: AERIAL PHOTOGRAPH 4-10-62		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: SEPT. 1996	FIGURE: A-3
	PROJECT No.: 2704-300	SCALE: 1" = 1500'	FILE NUMBER: AP41062

CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: AERIAL PHOTOGRAPH 3-8-66		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: SEPT. 1996	FIGURE: A-4
	PROJECT No.: 2704-300	SCALE: UNKNOWN	FILE NUMBER: AP3866

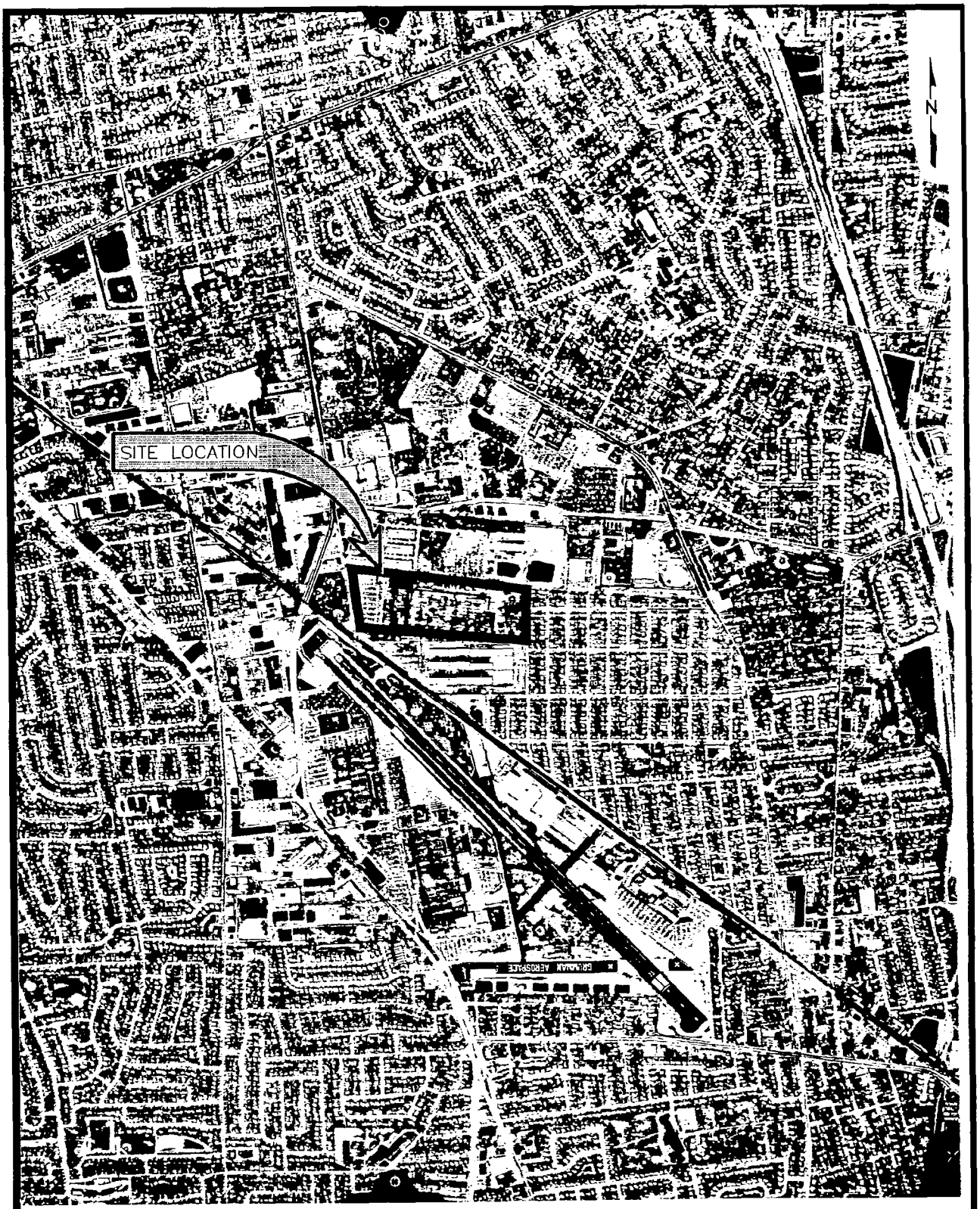


CLIENT:
NORTHROP GRUMMAN CORP.
BETHPAGE, LONG ISLAND, NY

RADIAN INTERNATIONAL LLC
FAIRFIELD, NEW JERSEY

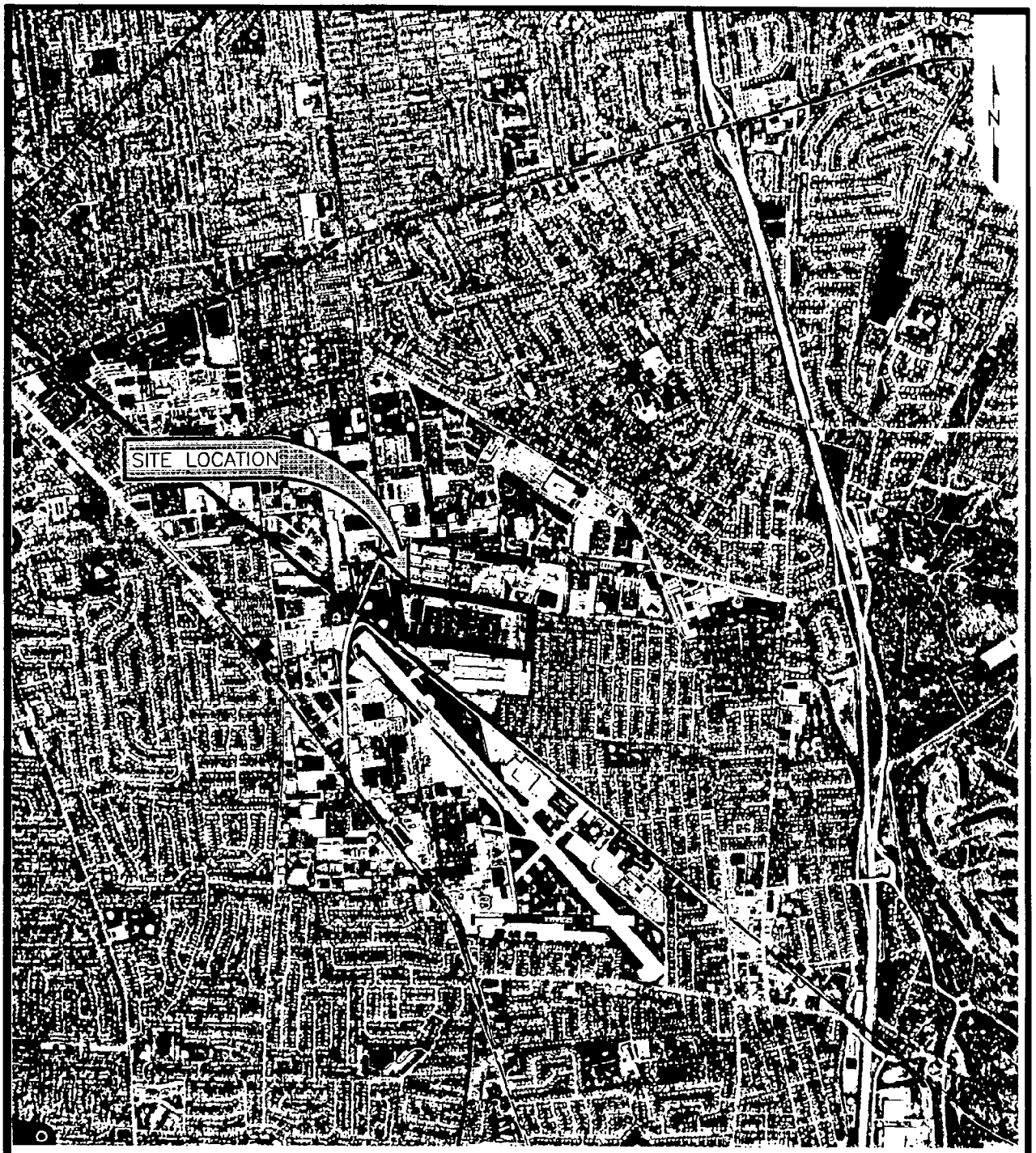
DWG. TITLE:
AERIAL PHOTOGRAPH 4-10-76

DRAWN BY:	DATE:	FIGURE:
BTD	SEPT. 1996	A-5
PROJECT No.:	SCALE:	FILE NUMBER:
2704-300	1" = 800'	AP41076



CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: AERIAL PHOTOGRAPH 4-5-78		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: SEPT. 1996	FIGURE: A-6
	PROJECT No.: 2704-300	SCALE: 1" = 1600'	FILE NUMBER: AP4578

CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: AERIAL PHOTOGRAPH 3-21-86		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: SEPT. 1996	FIGURE: A-7
	PROJECT No.: 2704-300	SCALE: 1" = 800'	FILE NUMBER: AP32186



CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: AERIAL PHOTOGRAPH 4-14-93		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: SEPT. 1996	FIGURE: A-8
	PROJECT No.: 2704-300	SCALE: 1" = 2000'	FILE NUMBER: AP41493

B

APPENDIX B

CHAIN OF TITLE

Land Title Research

Suite 1200
11 North Pearl Street
Albany, New York 12207

PHONE (518) 427-6929
FAX (518) 427-6965

May 31, 1996

Mr. Michael Huston
Radian International
710 Route 46 East, Suite 401
Fairfield. NJ 07004

Client Reference: EDR
LTR Reference: 961204

Subject: Grumman
Bethpage, NY
Jurisdiction: Nassau County, NY
Term of Search: Seventy Five years
Record Owner: Grumman Aerospace Corp.

A seventy five year property history search has been conducted on your behalf in the State of New York. County of Nassau for the subject listed above. Please find attached a Grantor/Grantee Report, supporting documents and additional information as requested.

The information set forth in this report was compiled from public records and other sources maintained by third parties. Therefore, we can not be held responsible for error, omission or inaccurate information. although we have exercised reasonable care in its compilation.

DOCUMENT COVER PAGE

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY

CLIENT REFERENCE #:

LTR REFERENCE #: 961204

- GRANTOR/GRANTEE REPORT
- CURRENT DEED WITH RECORD OWNER
- HISTORICAL DEEDS AND LEASES
- TAX MAP

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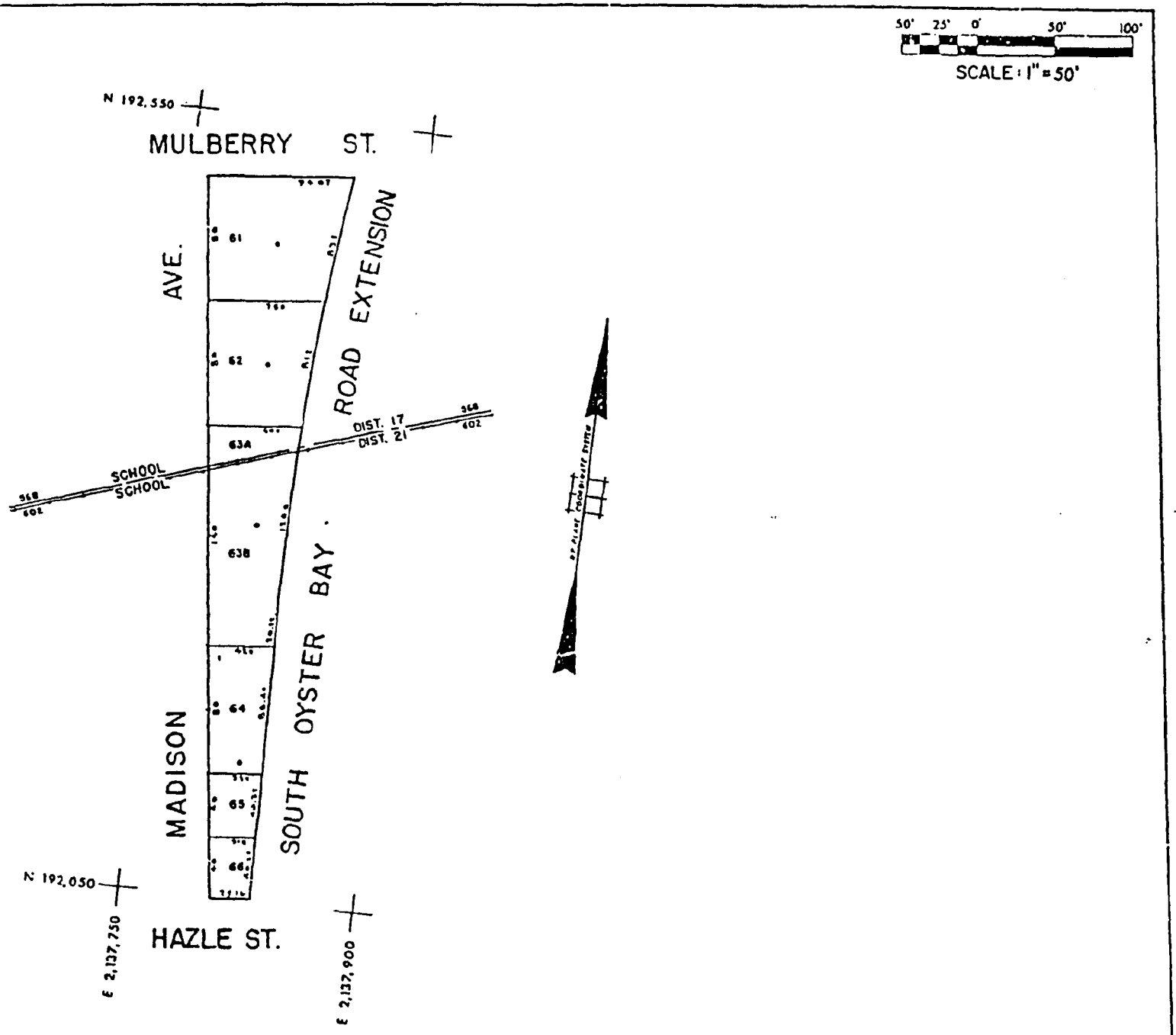
MAP

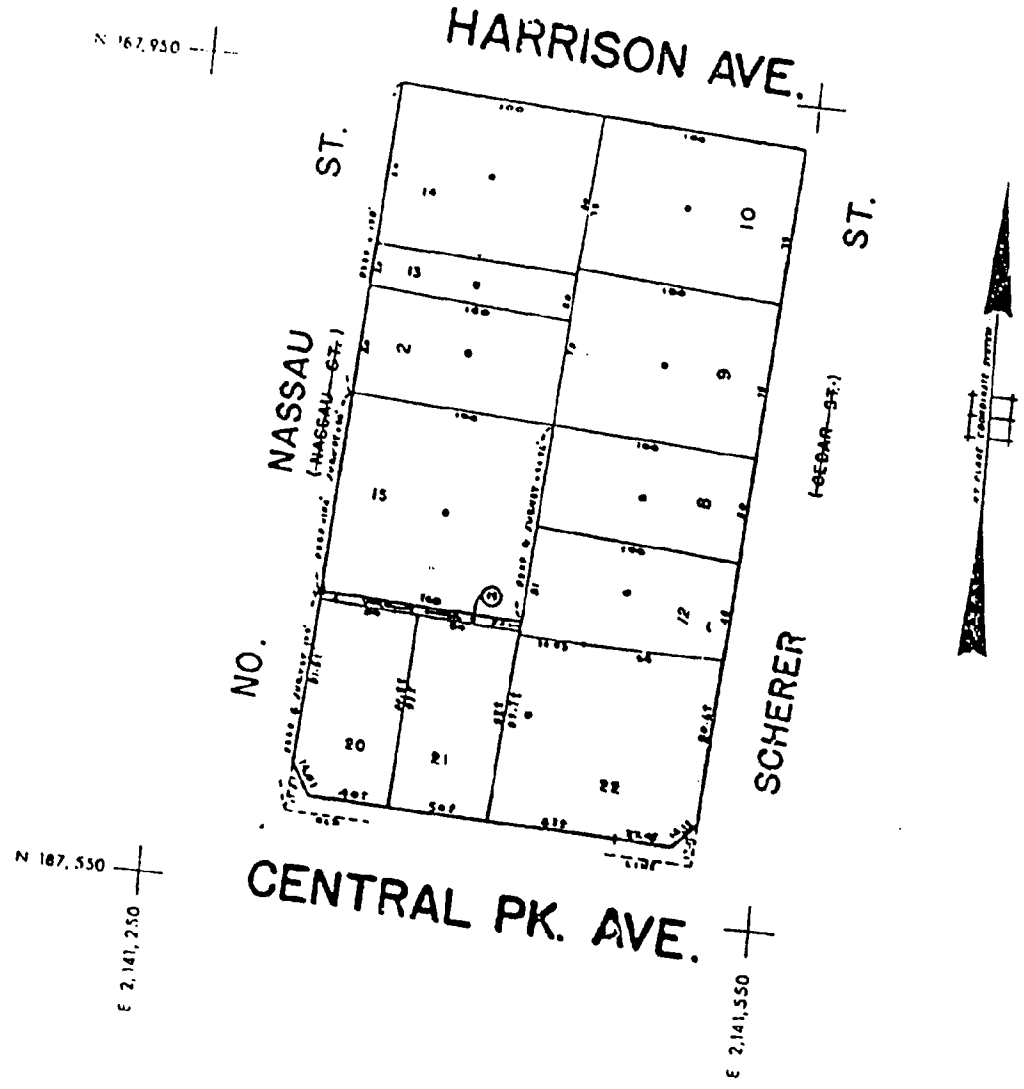
Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage Nassau County NY

CLIENT REFERENCE #: LTR REFERENCE # 961204

MAPS ATTACHED

11 North Pearl Street Albany, New York 12207 (518) 427-6929 FAX (518) 427-6965

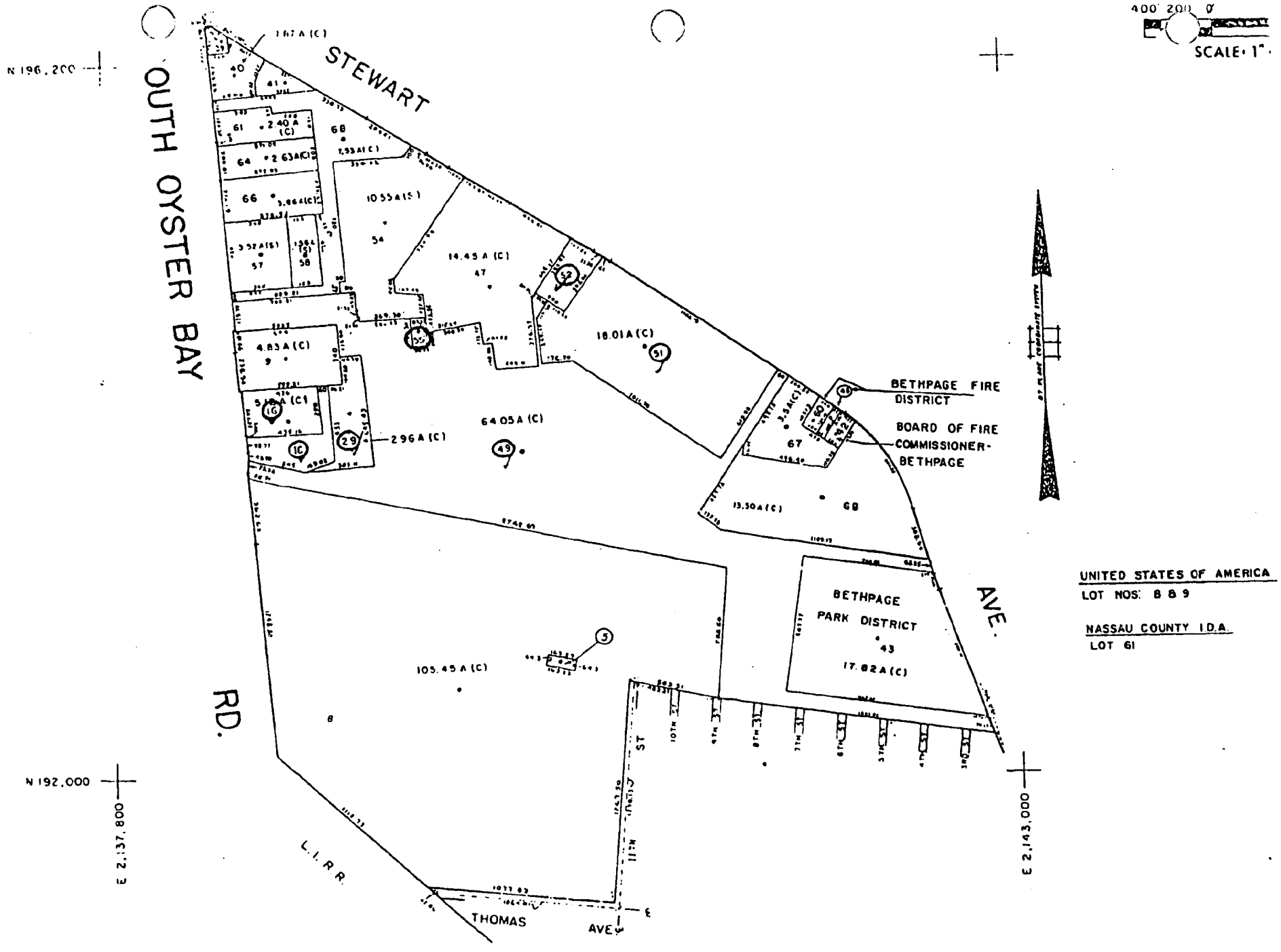




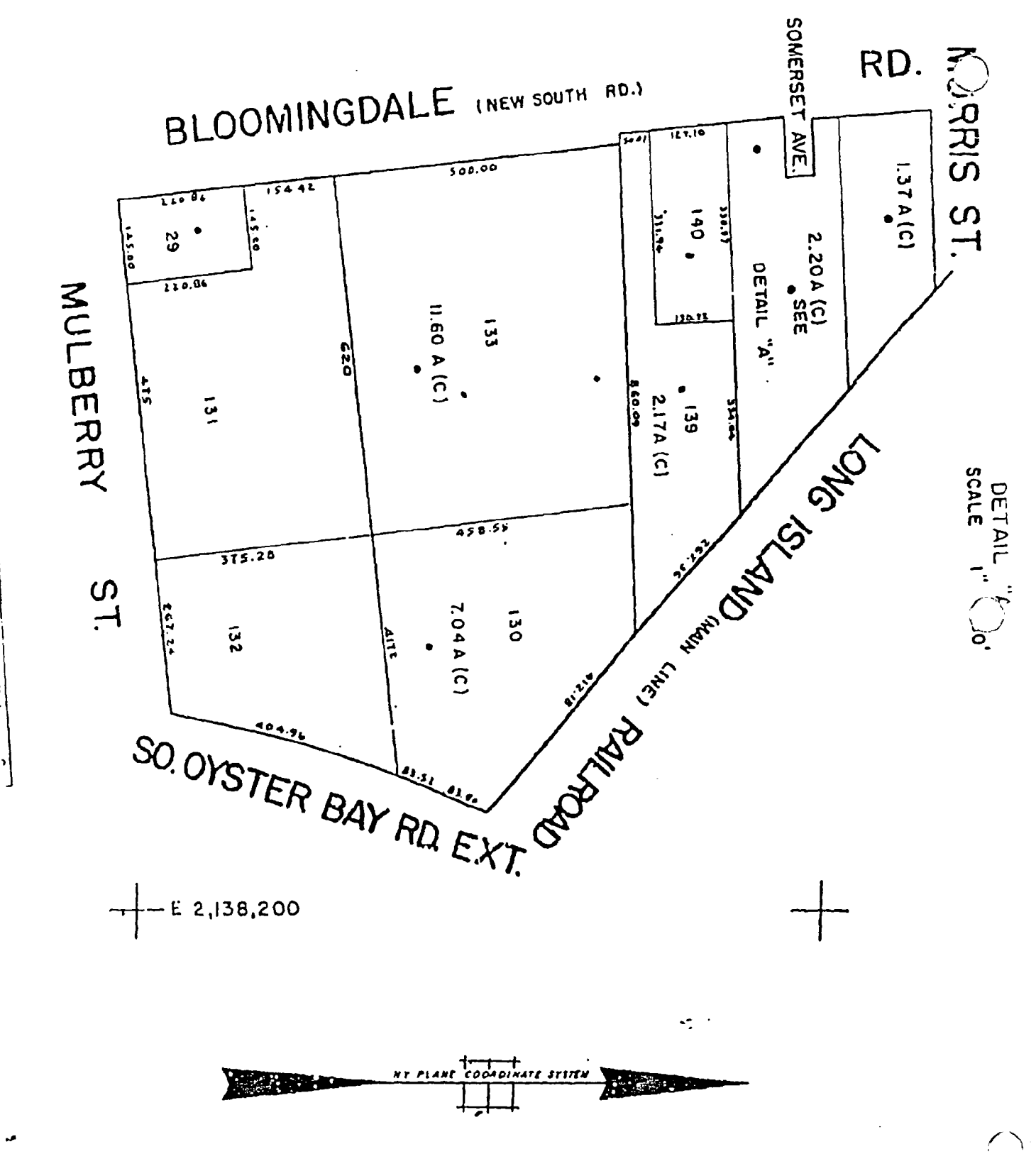
	DIST		DIST	SPECIAL DISTRICTS	DIST		DIST	MUNICIPALITIES
STATE		FIRE PROTECTION		PUBLIC PARKING		DRAINAGE		TOWN OF:
NASSAU COUNTY	3			UNINCORP - OYSTER BAY	A	UNINCORP - DIST. #1 - OYSTER BAY	B	HEMPSTEAD
WATER		SANITARY				FIRE HYDRANT RENTAL		NORTH HEMPSTEAD
PETHPAGE 237 - OLD	6			SEWER				OYSTER BAY
		REFUSE & GARBAGE		NASSAU COUNTY D #3 SAL No. 3	39	GARBAGE		CITY OF
								GLEN COVE
								LONG BEACH

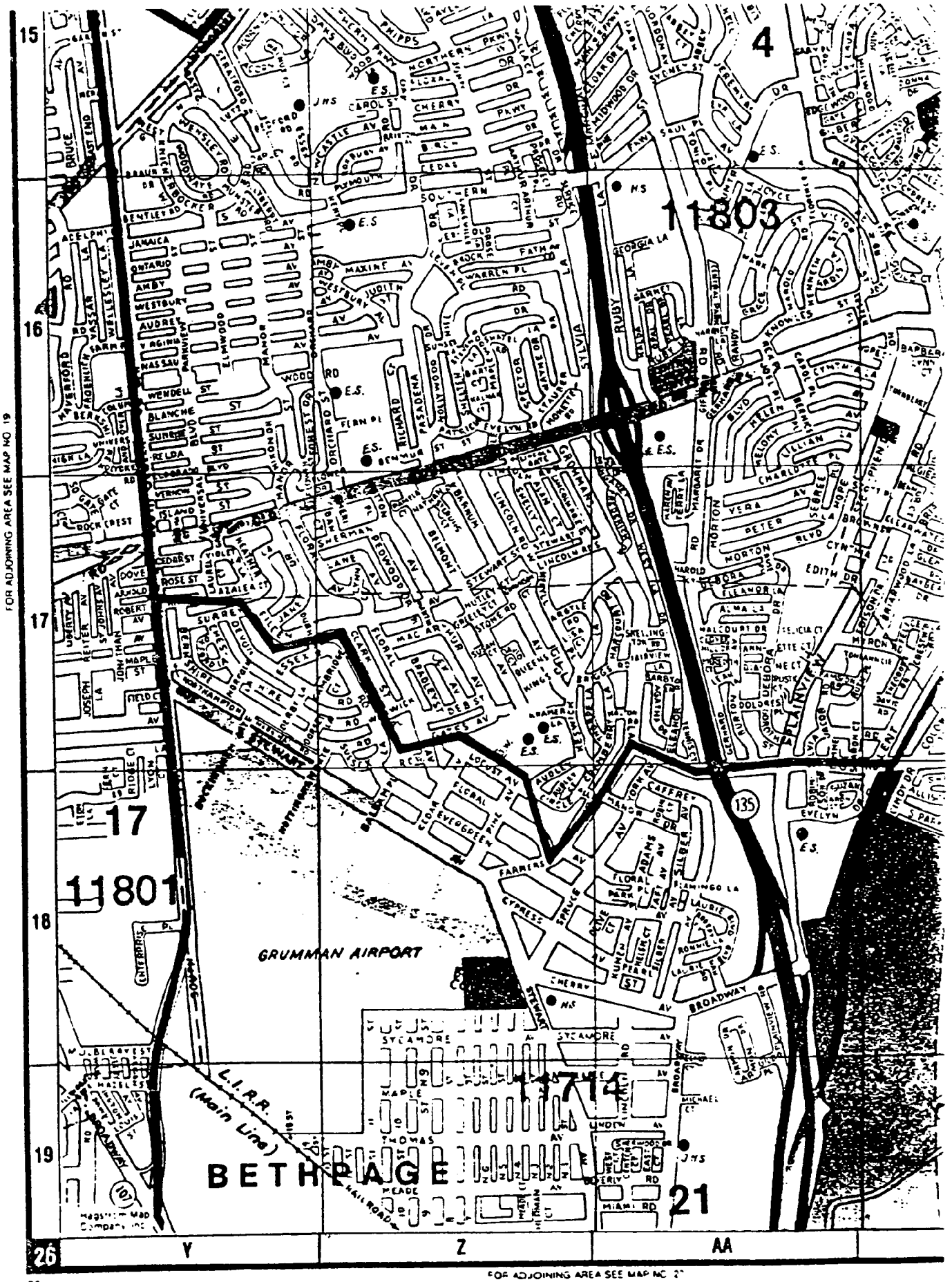
NASSAU COUNTY
LAND & TAX MAP
DEPARTMENT OF ASSESSMENT
ARE SELDOM
CHAIRMAN, BOARD OF ASSESSORS

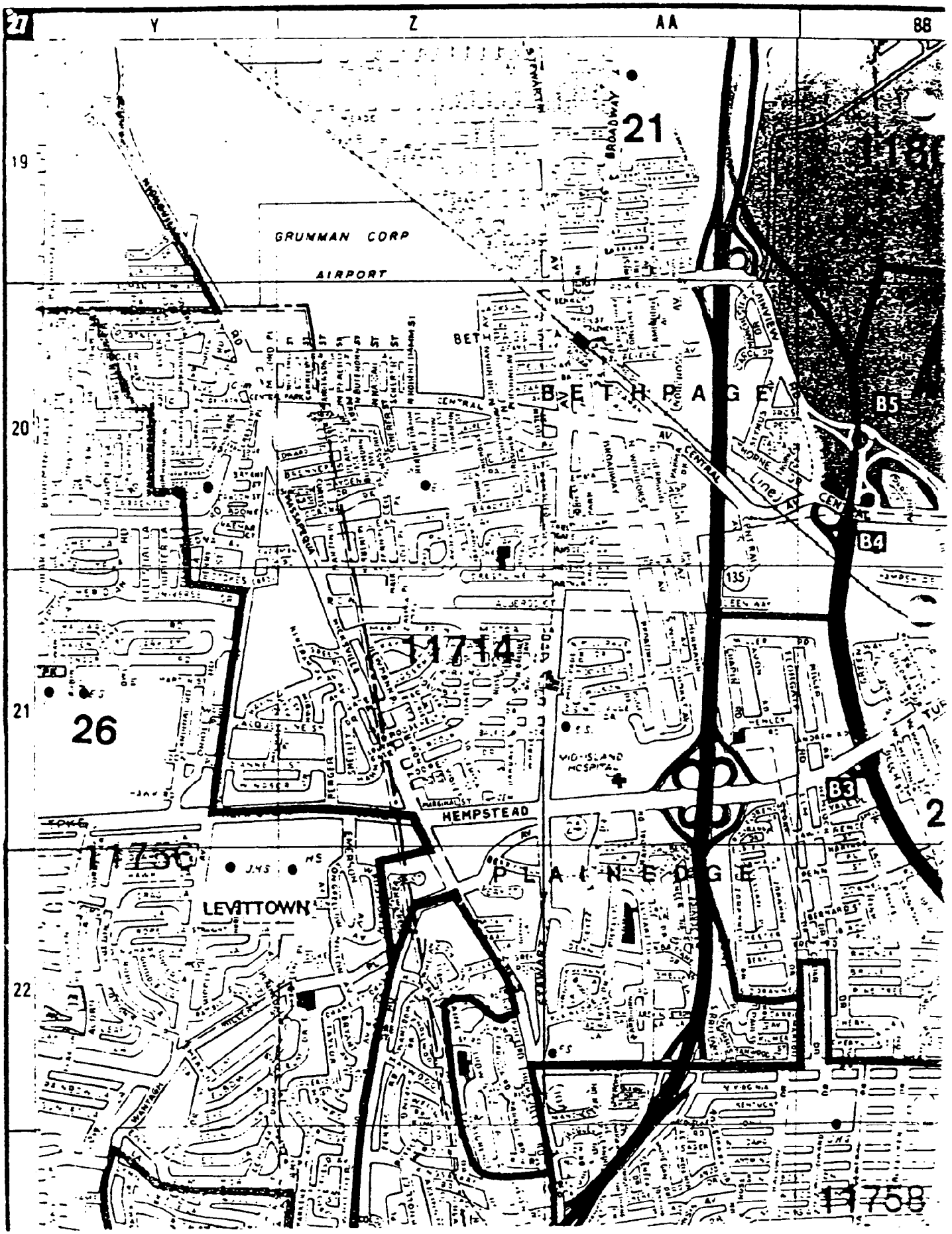
NYSDEC 058037

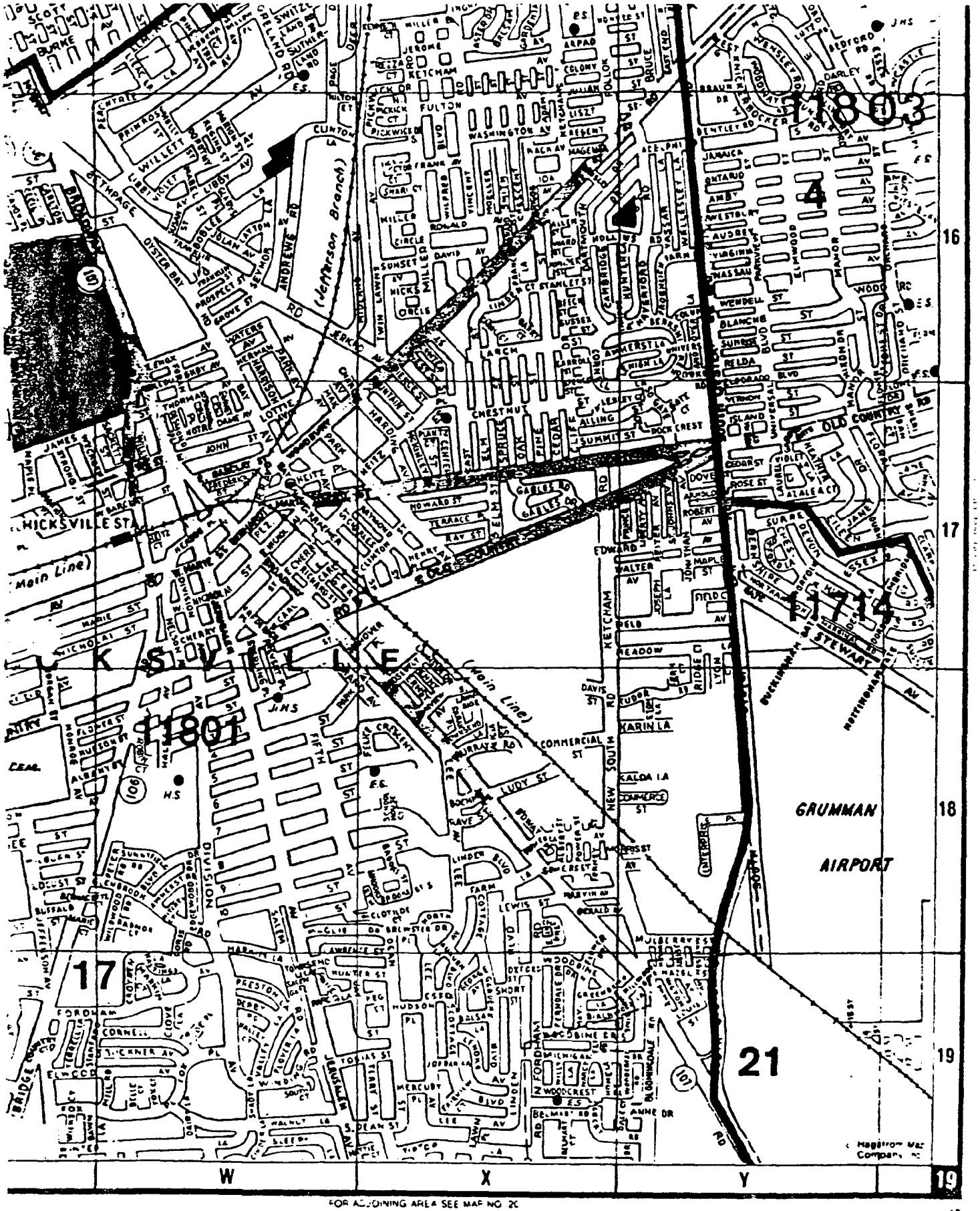


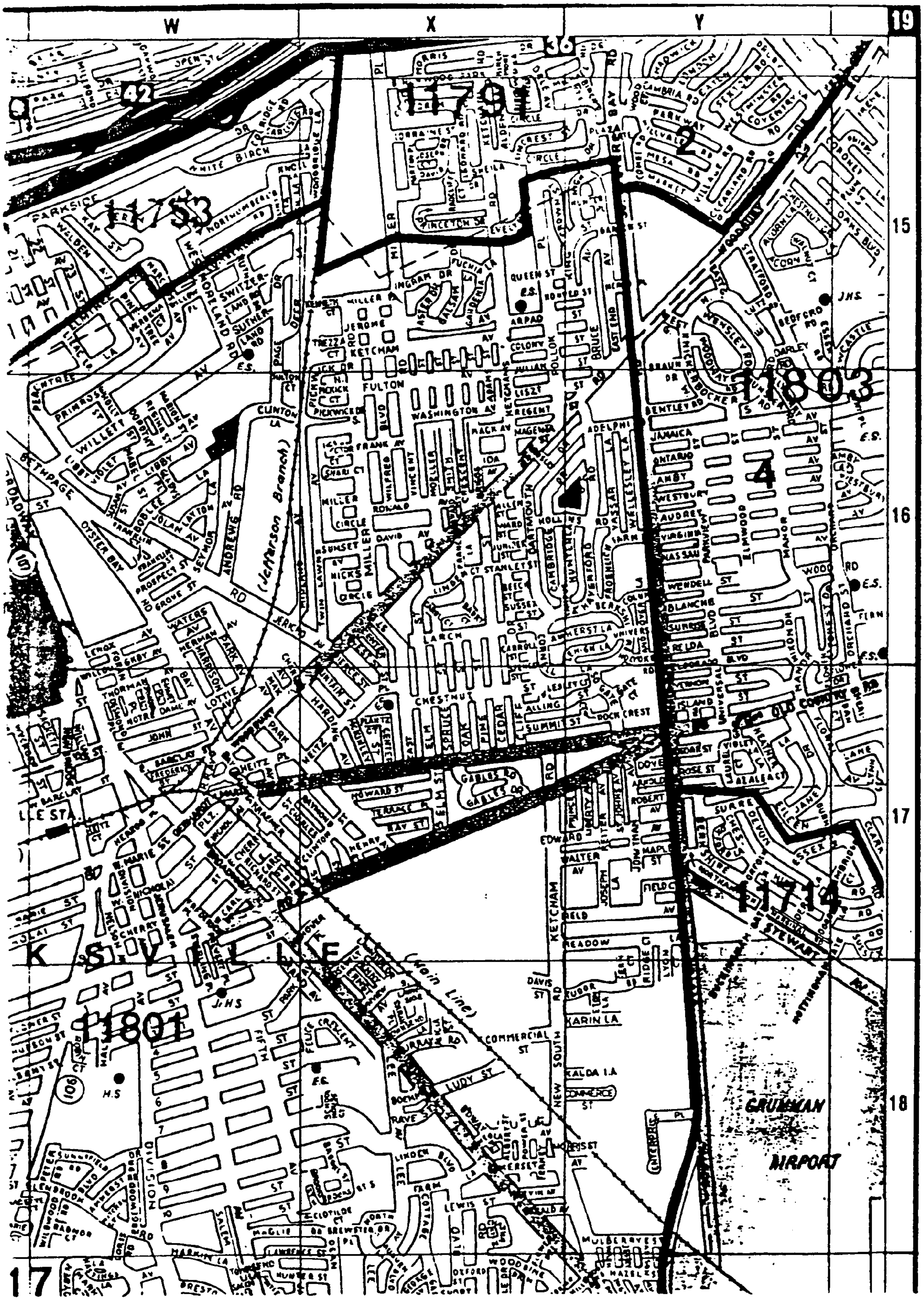
NYSDEC 058038




GRUMMAN AIRPORT
BETHPAGE
11803
11801
11714
L.I.R.R. (Main Line)
FOR ADJOINING AREA SEE MAP NO 19
FOR ADJOINING AREA SEE MAP NO 21


Y
Z
AA
BB
21
19
20
21
22
GRUMMAN CORP
AIRPORT
BROADWAY
BETHPAGE
CENTRAL AV
Line
B5
B4
B3
135
1714
26
HEMPSTEAD
1756
LEVITTOWN
PLAINEDG
1758





NYSDEC 058043

GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN ONE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain One (A)

1.			
Grantor:	BWS Realty Co., a Co-Partnership	Instrument:	Bargain & Sale Deed
		Dated:	08-01-74
Grantee:	Grumman Aerospace Corporation, a New York Corporation	Recorded:	08-07-74
Conveyed:	As described, copy attached	Book: 8709	Page: 156
2.			
Grantor:	Grumman Aircraft Engineering Corporation, a Domestic Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation, a Domestic Corporation	Recorded:	01-20-70
Conveyed:	As described, copy attached	Book: 8080	Page: 298
3.			
Grantor:	Taco Building Corp.	Instrument:	Bargain & Sale Deed
		Dated:	11-30-64
Grantee:	BWS Realty Co., a co-partnership comprised of Morris Back, Samuel Wax, Harrison A. Streisfeld & Harry Back	Recorded:	12-01-64
Conveyed:	Same as in L8709 Pg. 156	Book: 7341	Page: 6

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN ONE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

4.

Grantor:	Grumman Aircraft Engineering Corporation, a Domestic Corporation	Instrument:	Bargain & Sale Deed
		Dated:	06-11-57
Grantee:	Taco Building Corp., a Domestic Corporation	Recorded:	06-17-57
Conveyed:	As described, copy attached	Book: 6224	Page: 416

End of Chain One (A)

Chain One (B)

5.

Grantor:	Grumman Aircraft Engineering Corporation, a Domestic Corporation	Instrument:	Bargain & Sale Deed
		Dated:	03-25-59
Grantee:	Taco Building Corp., a Domestic Corporation	Recorded:	04-02-59
Conveyed:	As described, copy attached	Book: 6518	Page: 521

End of Chain One (B)

Chain One (C)

6.

Grantor:	Grumman Aircraft Engineering Corporation, a Domestic Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-28-64
Grantee:	Taco Building Corp., a Domestic Corporation	Recorded:	08-14-64
Conveyed:	As described, copy attached	Book: 7305	Page: 400

End of Chain One (C)

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN ONE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain One (D)

7.

Grantor:	Paumanock Development Corporation, a New York Corporation	Instrument:	Bargain & Sale Deed
		Dated:	08-12-86
Grantee:	Grumman Aerospace Corporation, a New York Corporation	Recorded:	10-07-86
Conveyed:	As described, copy attached	Book: 9759	Page: 193

End of Chain One (D)

Chain One (E)

8.

Grantor:	Grumman Aerospace Corporation, a Domestic Corporation	Instrument:	Bargain & Sale Deed
		Dated:	11-01-73
Grantee:	Paumanock Development Corporation, a New York Corporation	Recorded:	12-06-73
Conveyed:	As described, copy attached	Book: 8622	Page: 356

End of Chain One (E)

Chain One (F)

9.

Grantor:	Tomona Realty Company, Inc.	Instrument:	Bargain & Sale Deed
		Dated:	07-14-41
Grantee:	Grumman Aircraft Engineering Corporation, a Domestic Corporation	Recorded:	07-18-41
Conveyed:	Old Lot 6	Book: 2388	Page: 338

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage. Nassau County, NY
CHAIN ONE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

10.			
Grantor:	Edward S. Keough, Referee	Instrument:	Referee's Deed
		Dated:	11-23-35
Grantee:	Tomona Realty Company, Inc.	Recorded:	01-14-36
Conveyed:	46-G-6 and much more, foreclosing eight mtgs.	Book: 1865	Page: 110
11.			
Grantor:	Tomona Realty Company, Inc.	Instrument:	Deed
		Dated:	05-28-26
Grantee:	Cripple Bush Realty Corporation	Recorded:	06-03-26
Conveyed:	46-G-6 and much more	Book: 1106	Page: 144
12.			
Grantor:	Fairlawn Cemetery Society, a Domestic Corporation	Instrument:	Deed
		Dated:	05-22-17
Grantee:	Tomona Realty Company, Inc.	Recorded:	05-31-17
		Book: 475	Page: 32

END OF CHAIN ONE

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN TWO

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Two (A)

1.

Grantor:	Grumman Aircraft Engineering Corporation, a Domestic Corporation	Instrument:	
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation, a Domestic Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page: 450

2.

Grantor:	Michael F. Looney, James G. Looney, John L. Looney, Mavita P. Looney	Instrument:	Bargain & Sale Deed
		Dated:	09-10-48
Grantee:	Grumman Aircraft Engineering Corporation, a Domestic Corporation	Recorded:	09-15-48
Conveyed:	Same as in L. 8074 Pg. 450	Book: 3671	Page: 327

End of Chain Two (A)

Chain Two (B)

3.

Grantor:	Irving R. Kingdon	Instrument:	Bargain & Sale Deed
		Dated:	12-18-86
Grantee:	Grumman Aerospace Corporation, a Domestic Corporation	Recorded:	02-24-87
Conveyed:	As described, copy attached	Book: 9792	Page: 519

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN TWO

CLIENT REFERENCE #: LTR REFERENCE #: 961204

4.

Grantor:	Kingdon Enterprises, Inc.	Instrument:	Deed
		Dated:	08-30-77
Grantee:	Irving R. Kingdon	Recorded:	09-02-77
Conveyed:	Same as in L 9792 Pg. 519	Book: 9061	Page: 67

5.

Grantor:	Irving R. Kingdon	Instrument:	Bargain & Sale Deed
		Dated:	08-30-77
Grantee:	Kingdon Enterprises, Inc.	Recorded:	08-31-77
Conveyed:	Same as in L 9792 Pg. 519	Book: 9060	Page: 177

6.

Grantor:	Kingdon Enterprises, Inc.	Instrument:	Deed
		Dated:	09-18-73
Grantee:	Irving R. Kingdon	Recorded:	09-27-73
Conveyed:	Same as in L 9792 Pg. 519	Book: 8598	Page: 1

LTR
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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage. Nassau County, NY
CHAIN TWO

CLIENT REFERENCE #: LTR REFERENCE #: 961204

7.

Grantor:	Irving R. Kingdon	Instrument:	Deed
		Dated:	09-18-73
Grantee:	Kingdon Enterprises	Recorded:	09-21-73
Conveyed:	Same as in L 9792 Pg. 143	Book: 8595	Page: 143

8.

Grantor:	Murray A. Bruckman, Leonard Marcus, as successor trustees for Leslie Teicholz under agreement of trust dated 5-29-56 & Murray Bruckman & Leonard Marcus as successor trustees for Eleanor, Stephen & Peter Klien under agreement of trust dated 5-29-56	Instrument:	Deed
		Dated:	04-30-59
Grantee:	Irving R. Kingdon, d/b/a Industrial Builders Co.	Recorded:	05-13-59
Conveyed:	Part of 46-N-51+64	Book: 6536	Page: 193

End of Chain Two (B)

Chain Two (C)

9.

Grantor:	Oyster Bay Road Realty Corp.	Instrument:	Bargain & Sale Deed
		Dated:	10-31-56
Grantee:	Irving Abramson & David Osler, trustees for Leslie Teicholz under Agreement dared 5-29-56 & Irving Abramon & David Osler, trustees for Eleanor Klein, Stephen Klein, & Peter Klein, under agreement dated 5-29-56	Recorded:	01-02-57
Conveyed:	Part of 46-N-Part of 12	Book: 6148	Page: 418

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN TWO

CLIENT REFERENCE #: LTR REFERENCE #: 961204

10.			
Grantor:	Kalman Klein & David Teicholz	Instrument:	Warranty Deed
		Dated:	09-11-52
Grantee:	Oyster Bay Road Realty Corp.	Recorded:	01-28-53
Conveyed:	46-N Part of 12	Book: 5117	Page: 439
11.			
Grantor:	Herman L. Zirk & Augusta W. Zirk, H/W	Instrument:	Bargain & Sale Deed
		Dated:	02-25-52
Grantee:	Kalman Klein & David Teicholz	Recorded:	02-28-52
Conveyed:	46-N-Part of 12	Book: 4803	Page: 298
12.			
Grantor:	Margaret Miller	Instrument:	Bargain & Sale Deed
		Dated:	07-23-48
Grantee:	Herman L. Zirk & Augusta W. Zirk, H/W	Recorded:	08-03-48
Conveyed:	46-N-12	Book: 3641	Page: 434
Chain Two (C)			
13.			
Grantor:	Lakeville Merrick Corp.	Instrument:	Bargain & Sale Deed
		Dated:	05-12-59
Grantee:	Irving R. Kingdon, d/b/a Industrial Builders Co.	Recorded:	05-13-59
Conveyed:	As described, copy attached	Book: 6536	Page: 189

LTR
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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN TWO

CLIENT REFERENCE #: LTR REFERENCE #: 961204

14.			
Grantor:	Joe Lo Fano & Rose Lo Fano, H/W	Instrument:	Bargain & Sale Deed
		Dated:	09-09-52
Grantee:	Lakeville Merrick Corp.	Recorded:	09-12-52
Conveyed:	46-N-Part of 38	Book: 4982	Page: 505

END OF CHAIN TWO

11 North Pearl Street · Albany, New York 12207 (518) 427-6929 FAX:(518) 427-6965

GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN THREE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Three (A)
1.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-21-69
Conveyed:	As described, copy attached	Book: 8074	Page: 433

END OF CHAIN THREE(A)

Chain Three (B)
2.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	03-28-72
Conveyed:	As described, copy attached	Book: 8367	Page: 101

END OF CHAIN THREE (B)

Chain Three (C)
3.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-21-69
Conveyed:	As described, copy attached	Book: 8074	Page: 433

END OF CHAIN THREE (C)

Chain Three (D)
4.

Grantor:	Eugene Calissi et al.	Instrument:	Bargain & Sale Deed
		Dated:	07-30-65
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	08-04-65
Conveyed:	P/O New lot 20	Book: 7412	Page: 607

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN THREE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

5.			
Grantor:	Calissi Brothers, Inc.	Instrument:	Bargain & Sale Deed
		Dated:	12-29-61
Grantee:	Eugene Calissi, et al.	Recorded:	01-02-62
Conveyed:	P/O New Lot 20	Book: 6962	Page: 506
6.			
Grantor:	Lawrence Calissi a/k/a Lawrence Calissi	Instrument:	Warranty Deed
		Dated:	02-06-56
Grantee:	Calissi Brothers, Inc.	Recorded:	03-06-56
Conveyed:	P/O New Lot 20	Book: 5980	Page: 428
7.			
Grantor:	Gertrude Jaeger, widow	Instrument:	Warranty Deed
		Dated:	03-25-43
Grantee:	Lawrence Calissi	Recorded:	05-23-43
Conveyed:	P/O New Lot 20	Book: 4152	Page: 569
8.			
Grantor:	Mindlin + Rosenman, Inc.	Instrument:	Quit Claim Deed
		Dated:	09-01-26
Grantee:	Flovio Corporation of Hewleh New York	Recorded:	09-21-26
Conveyed:		Book: 1135	Page: 431

END OF CHAIN THREE (D)

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN THREE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Three (E)

9.

Grantor:	Lawrence Calissi	Instrument:	Warranty Deed
		Dated:	02-06-56
Grantee:	Calissi Brother, Inc.	Recorded:	03-08-56
Conveyed:	P/O/ New Lot #22	Book: 5982	Page: 246

10.

Grantor:	Eugene Calisi, et al.	Instrument:	Warranty Deed
		Dated:	08-24-48
Grantee:	Lawrence Calissi, Sr.	Recorded:	04-20-49
Conveyed:	P/O New Lot # 22	Book: 3817	Page: 586

END OF CHAIN THREE

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN FOUR

CLIENT REFERENCE #: LTR REFERENCE #: 961204

1.			
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page: 442
2.			
Grantor:	C.T.C. Construction Corp.	Instrument:	Bargain & Sale Deed
		Dated:	02-06-64
Grantee:	Fred Wirtz & Dorothy Wirtz	Recorded:	02-11-64
Conveyed:	sec 46-323-52	Book: 7250	Page: 80
3.			
Grantor:	Joseph Corsentino	Instrument:	Bargain & Sale Deed
		Dated:	10-07-63
Grantee:	C.T.C. Construction Corp.	Recorded:	10-29-63
Conveyed:	Sec 46-323-52	Book: 7220	Page: 154
4.			
Grantor:	Milly Czuchman	Instrument:	05-17-63
		Dated:	05-22-63
Grantee:	Joseph Corsentino	Recorded:	05-22-63
Conveyed:	Sec 46-323-52	Book: 7159	Page: 574

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage. Nassau County, NY
CHAIN FOUR

CLIENT REFERENCE #: LTR REFERENCE #: 961204

5.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	05-01-62
Grantee:	Milly Czuchman	Recorded:	05-10-62
Conveyed:	As described, copy attached	Book: 7010	Page: 372

6.

Grantor:	Frederick V. Goess	Instrument:	Executor's Deed
		Dated:	05-15-54
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	06-10-54
Conveyed:	As described, copy attached	Book: 5556	Page: 277

END OF CHAIN FOUR

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN FIVE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Five (A)

1.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 310
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	Sec. 46 Bl 323 Lot 16A	Book: 8080	Page: 128
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	Sec 46 Bl 323 Lot 16a & 16B	Book: 8080	Page: 123
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	Sec 46 Bl 323 Lot 16 a & 16b	Book:8080	Page: 120

END OF CHAIN FIVE (A)

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN FIVE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Five (B)

2.

Lessor:	Fortunato Sons, Inc.	Instrument:	Lease
		Dated:	08-31-81
Lessee:	Grumman Aerospace Corporation	Recorded:	
Conveyed:	As described, copy attached	Book: 9397	Page: 920

3.

Grantor:	Grumman Aerospace Corporation	Instrument:	Bargain & Sale Deed
		Dated:	08-01-69
Grantee:	John Pizzuti	Recorded:	11-05-__
Conveyed:	As described, copy attached	Book: 8994	Page: 234

END OF CHAIN FIVE (B)

Chain Five (C)

4.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page:440

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN FIVE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

5.			
Grantor:	United State of America	Instrument:	Quit Claim Deed
		Dated:	07-01-47
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	01-21-48
Conveyed:		Book: 3509	Page: 482

END OF CHAIN FIVE (C)

Chain Five (D)

6.			
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-27-70
Conveyed:	As described, copy attached	Book: 8080	Page: 318

END OF CHAIN FIVE (D)

Chain Five (E)

7.			
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page: 425

8.			
Grantor:	County of Nassau	Instrument:	Quit Claim Deed
		Dated:	09-11-51
Grantee:	Grumman Aircraft Engineering	Recorded:	09-17-51
Conveyed:	46-323-78B & 78A	Book: 4659	Page: 70

END OF CHAIN FIVE (E)

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN FIVE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Five (F)

9.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-20-70
Conveyed:	As described, copy attached	Book: 8080	Page: 302

10.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page: 425

11.

Grantor:	County of Nassau	Instrument:	Quit Claim Deed
		Dated:	09-11-51
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	09-17-51
Conveyed:	46-323-78B & 78A	Book: 4659	Page: 70

END OF CHAIN FIVE (F)

Chain Five (G)

12.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman AerospaceCorporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 134

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN FIVE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

13.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman AerospaceCorporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 132

14.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman AerospaceCorporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 118

END OF CHAIN FIVE

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN SIX

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Six (A)

1.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 118

END OF CHAIN SIX (A)

Chain Six (B)

2.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-20-70
Conveyed:	As described, copy attached	Book: 8080	Page: 306

END OF CHAIN SIX (B)

Chain Six (C)

3.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 126

END OF CHAIN SIX (C)

Chain Six (D)

4.

Grantor:	Tilo Roofing Co., Inc.	Instrument:	Bargain & Sale Deed
		Dated:	07-06-51
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	07-17-51
Conveyed:	As described, copy attached	Book: 4596	Page: 171

END OF CHAIN SIX (D)

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN SIX

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Six (E)

5.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 115

END OF CHAIN SIX (E)

Chain Six (F)

6.

Lessor:	Grumman Aerospace Corporation	Instrument:	Lease
		Dated:	06-30-88
Lessee:	TBG Cogen Partners	Recorded:	08-09-88
Conveyed:	As described, copy attached	Book: 9931	Page: 286

7.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-20-70
Conveyed:	As described, copy attached	Book: 8080	Page: 306

END OF CHAIN SIX

11 North Pearl Street Albany, New York 12207 (518) 427-6929 FAX:(518) 427-6965

GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN SEVEN

CLIENT REFERENCE #: LTR REFERENCE #: 961204

1.			
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 115
2.			
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-20-70
Conveyed:	As described, copy attached	Book: 8080	Page: 318
3.			
Grantor:	United States Of America	Instrument:	Deed
		Dated:	05-31-50
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	08-17-50
Conveyed:	As described, copy attached	Book: 4244	Page: 534
4.			
Grantor:	Stephen A. McGunnigle	Instrument:	Deed
		Dated:	11-18-43
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	11-22-43
Conveyed:		Book: 2664	Page: 47

END OF CHAIN SEVEN

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN EIGHT

CLIENT REFERENCE #: LTR REFERENCE #: 961204

Chain Eight (A)

1.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-20-70
Conveyed:	As described, copy attached	Book: 8080	Page: 314

2.

Grantor:	Tilo Roofing Company, Inc.	Instrument:	Bargain & Sale Deed
		Dated:	07-06-51
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	07-17-51
Conveyed:	p/o 33	Book: 4596	Page: 171

END OF CHAIN EIGHT (A)

Chain Eight (B)

3.

Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page: 436

4.

Grantor:	Pittsburgh Plate Glass Company	Instrument:	Warranty Deed
		Dated:	06-26-59
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	07-06-59
Conveyed:	As described, copy attached	Book: 6563	Page: 217

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN EIGHT

CLIENT REFERENCE #: LTR REFERENCE #: 961204

5.

Grantor:	Tilo Roofing Company, Inc.	Instrument:	Warranty Deed
		Dated:	03-15-54
Grantee:	Pittsburgh Plate Glass Company	Recorded:	03-17-54
Conveyed:	46-504, 133 &131	Book: 5498	Page: 499

6.

Grantor:	Grumman Aircraft Engineering Corp.	Instrument:	Warranty Deed
		Dated:	07-09-51
Grantee:	Tilo Roofing Company, Inc.	Recorded:	07-18-51
Conveyed:	p/o Lot 30	Book: 4597	Page: 141

END OF CHAIN EIGHT (B)

Chain Eight (C)

7.

Grantor:	Grumman Aircraft Engineering Corp.	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corp.	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page: 436

END OF CHAIN EIGHT (C)

Chain Eight (D)

8.

Grantor:	Grumman Aircraft Engineering Corp.	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corp.	Recorded:	12-31-69
	As described, copy attached	Book: 8074	Page: 429

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN EIGHT

CLIENT REFERENCE #: LTR REFERENCE #: 961204

9.			
Grantor:	Pittsburgh Plate Glass Company	Instrument:	Warranty Deed
		Dated:	06-25-59
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 6563	Page: 217
10.			
Grantor:	Tilo Roofing Company, Inc.	Instrument:	Warranty Deed
		Dated:	03-15-54
Grantee:	Pittsburgh Plate Glass Company	Recorded:	03-17-51
Conveyed:	46-504, 133 &131	Book: 5498	Page: 499

END OF CHAIN EIGHT

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GRANTOR/GRANTEE REPORT

Northrop Grumman Gold Property
Adjacent to Stewart Ave & S. Oyster Bay Rd., Bethpage, Nassau County, NY
CHAIN NINE

CLIENT REFERENCE #: LTR REFERENCE #: 961204

1.			
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	12-31-69
Conveyed:	As described, copy attached	Book: 8074	Page: 425
2.			
Grantor:	County of Nassau	Instrument:	Deed
		Dated:	09-11-51
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	09-17-51
Conveyed:	As described, copy attached	Book: 4659	Page: 70
3.			
Grantor:	Grumman Aircraft Engineering Corporation	Instrument:	Bargain & Sale Deed
		Dated:	07-02-69
Grantee:	Grumman Aerospace Corporation	Recorded:	01-19-70
Conveyed:	As described, copy attached	Book: 8080	Page: 118
4.			
Grantor:	Charles Van Nostrand	Instrument:	Warranty Deed
		Dated:	04-28-50
Grantee:	Grumman Aircraft Engineering Corporation	Recorded:	05-02-50
Conveyed:	As described, copy attached	Book: 4131	Page: 448

END OF CHAIN NINE
END OF REPORT

11 North Pearl Street · Albany, New York 12207 (518) 427-6929 FAX:(518) 427-6965

CURRENT DEED

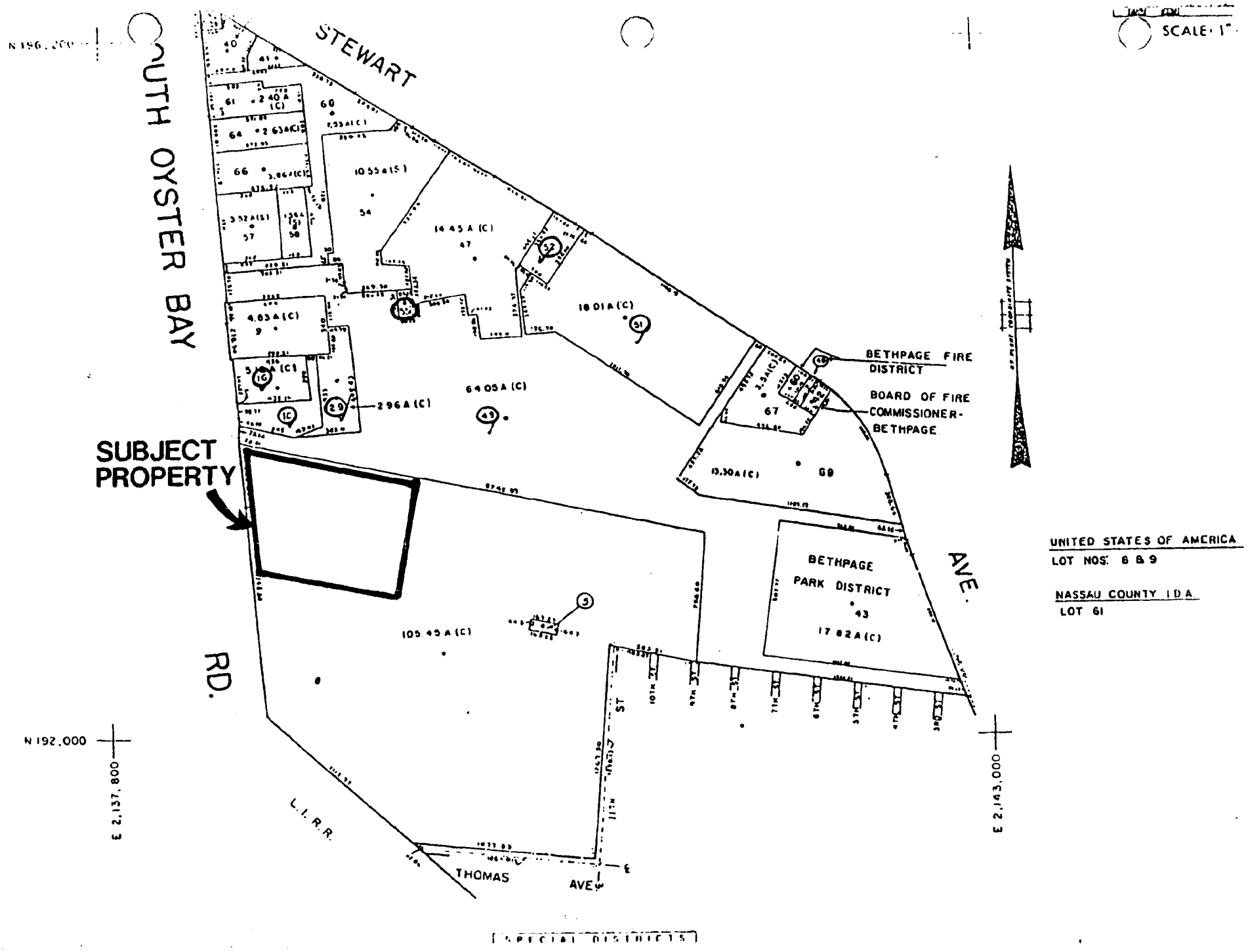
Northrop Grumman Gold Property
Adjacent to Stewart Ave. & S. Oyster Bay Rd., Bethpage, Nassau County, NY

CLIENT REFERENCE #: LTR REFERENCE # 961204

See attached Tax Accessor's Report

CURRENT OWNER: Grumman Aerospace Corp.

LTR
11 North Pearl Street Albany, New York 12207 (518) 427-6929 FAX:(518) 427-6965



TRW-REDI

Nationwide 1-800-345-7334

PARCEL NUMBER / OWNERS NAME / MAILING ADDRESS / PHONE NUMBER / PROPERTY LOCATION	TOWNSHIP / MUNICIPALITY / TAXPAYER NAME / MAILING ADDRESS	SCHOOL DISTRICT	PROPERTY USE / BUILDING DATA AND EXTRA FEATURES	STATISTICAL INFO	VALUES
46-504- -0131-0 GRUMMAN AEOSPCE CORP SO OYSTER BAY RD BETHPAGE NEW YORK 11714 S NEW RD	OYSTER BAY 2489-TOWN OF OYSTER BAY	017	710.14-MANUFACTURING		$538,750TV $314,810LV $215,940IV $148,461.39CT $174,470.76ST
	LOT GROUP-151,133 LOT SIZE- 11.68AC				
			USE: 522-LIGHT MANUFACTURING TOT AREA-43589 SF GF AREA-43589 SF FLR HGT-14 CLASS-MSNRY/CONC WALL EXT WALL-COMMON BRICK EXTRA FEATURES: 110-INTERIOR FINISH MEAS-43589 110-SPRINKLER MEAS-7661 TYPE - WP6 243-MEZZANINE MEAS-7112 TYPE - LST 242-OFFICE FINISH MEAS-6440 TYPE - FOP 312-CANOPY MEAS-274 TYPE - TEF 313-GRADE/PLATFORM DOCK MEAS-330 TYPE - SCC 117-HVAC MEAS-63070 401-YARD PAVING MEAS-181600 TYPE - BTP 410-CHAINLINK FENCING MEAS-1910 TYPE - B06	CARD NO - 1 SECT - 1 STY HGT - 1.0 NO FLRS - 1.0 RENT UNITS- 1 YR BUILT - 1945	
			USE: 522-LIGHT MANUFACTURING TOT AREA-19481 SF GF AREA-19481 SF FLR HGT-26 CLASS-MSNRY/CONC WALL EXT WALL-COMMON BRICK	CARD NO - 1 SECT - 2 STY HGT - 1.0 NO FLRS - 1.0 YR BUILT - 1945	
			USE: 528-MECHANICAL ROOM TOT AREA-4100 SF FLR HGT-13 CLASS-MSNRY/CONC WALL EXT WALL-COMMON BRICK	CARD NO - 1 SECT - 3 STY HGT - 2.0 NO FLRS - 1.0 YR BUILT - 1945	
			USE: 522-LIGHT MANUFACTURING TOT AREA-2609 SF GF AREA-2609 SF FLR HGT-13 CLASS-MSNRY/CONC WALL EXT WALL-COMMON BRICK	CARD NO - 1 SECT - 4 STY HGT - 1.0 NO FLRS - 1.0 YR BUILT - 1945	

PARCEL NUMBER BLDG UNIT
OWNERS NAME
MAILING ADDRESS
@PHONE NUMBER YRS W/SAME
*PROPERTY LOCATION PHONE

TOWNSHIP
MUNICIPALITY
TAXPAYER NAME
MAILING ADDRESS

SCHOOL DISTRICT

PROPERTY USE
BUILDING DATA AND EXTRA FEATURES

STATISTICAL INFO

VALUES
TOTAL-TV
LAND-LV
IMPROVEMENT-IV
COUNTY TAX-CT
SCHOOL TAX-ST
SALE PRICE-SP

46-504- -8131-0
GRUMMAN AEOSPCE CORP
* S NEW RD

710.14-MANUFACTURING

USE: 525-INDUSTRIAL OFFICE
TOT AREA-17095 SF
GF AREA-17095 SF
FLR HGT-9
CLASS-WOOD FRAME CONC
EXT WALL-WOOD SIDING

CONTINUED
CARD NO - 2
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1981

$530,750TV
$314,810LV

USE: 525-INDUSTRIAL OFFICE
TOT AREA-500 SF
GF AREA-500 SF
FLR HGT-12
CLASS-MSNRY/CONC WALL
EXT WALL-COMMON BRICK

CARD NO - 3
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1945

USE: 522-LIGHT MANUFACTURING
TOT AREA-5278 SF
GF AREA-5278 SF
FLR HGT-20
CLASS-MSNRY/CONC WALL
EXT WALL-METAL SIDING
BSMT-UTIL./STG USE

CARD NO - 4
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1945

EXTRA FEATURES:
118-SPRINKLER
MEAS-12017 TYPE - WP5
243-MEZZANINE
MEAS-3780 TYPE - WD
119-INTERIOR FINISH
MEAS-5278
312-CANOPY
MEAS-500 TYPE - TIU

USE: 511-GENERAL WAREHOUSE
TOT AREA-619 SF
GF AREA-619 SF
FLR HGT-12
CLASS-MSNRY/CONC WALL
EXT WALL-METAL SIDING

CARD NO - 4
SECT - 2
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1945

USE: 522-LIGHT MANUFACTURING
TOT AREA-20838 SF
GF AREA-20838 SF
FLR HGT-12
CLASS-PRE ENG-STL FR
EXT WALL-METAL SIDING

CARD NO - 5
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1950

EXTRA FEATURES:
116-SPRINKLER
MEAS-20297 TYPE - WP6
117-HVAC
MEAS-18897

NASSAU, N.Y.

N18

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PARCEL NUMBER BLDG UNIT
OWNERS NAME
MAILING ADDRESS
PHONE NUMBER YRS W/SAME
*PROPERTY LOCATION PHONE

TOWNSHIP
MUNICIPALITY SCHOOL DISTRICT
TAXPAYER NAME
MAILING ADDRESS

PROPERTY USE
BUILDING DATA AND EXTRA FEATURES

STATISTICAL INFO

VALUES
TOTAL-TV
LAND-LV
IMPROVEMENT-IV
COUNTY TAX-CT
SCHOOL TAX-ST
SALE PRICE-SP

46-584- -8131-8
GRUMMAN AEOSPCE CORP
* S NEW RD

710.14-MANUFACTURING
TOT AREA-6845 SF
GF AREA-6845 SF
FLR HGT-12
CLASS-PRE ENG-STL FR
EXT WALL-METAL SIDING

EXTRA FEATURES:
118-SPRINKLER
MEAS-6845 TYPE - WP6
117-HVAC
MEAS-6845

CONTINUED
CARD NO - 6
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1960

$550,750TV
$314,810LV

USE: 525-INDUSTRIAL OFFICE
TOT AREA-2070 SF
GF AREA-2070 SF
FLR HGT-12
CLASS-MSNRY/CONC WALL
EXT WALL-METAL SIDING
BSMT-NOMINAL UTILITY

EXTRA FEATURES:
118-SPRINKLER
MEAS-5313 TYPE - WP6

CARD NO - 7
SECT - 1
STY HGT - 2.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1945

USE: 527-GENERAL INDUST. UTIL
TOT AREA-1173 SF
FLR HGT-10
CLASS-MSNRY/CONC WALL
EXT WALL-METAL SIDING

CARD NO - 7
SECT - 2
STY HGT - 2.0
NO FLRS - 1.0
YR BUILT - 1945

USE: 515-GENERAL STORAGE
TOT AREA-968 SF
GF AREA-968 SF
FLR HGT-12
CLASS-WOOD FRAME CONC
EXT WALL-WOOD SIDING
BSMT-FNSH.-FL 1 QLTY

CARD NO - 8
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1945

USE: 723-STEAM GEN. PLANT
TOT AREA-1924 SF
GF AREA-1924 SF
FLR HGT-26
CLASS-MSNRY/CONC WALL
EXT WALL-COMMON BRICK

CARD NO - 9
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1945

USE: 522-LIGHT MANUFACTURING
TOT AREA-1344 SF
GF AREA-1344 SF
FLR HGT-30
CLASS-MSNRY/CONC WALL
EXT WALL-CONCRETE BLOCK

CARD NO - 10
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1971

PARCEL NUMBER / OWNERS NAME / MAILING ADDRESS / *PHONE NUMBER / *PROPERTY LOCATION	BLDG	UNIT	TOWNSHIP / MUNICIPALITY / TAXPAYER NAME / MAILING ADDRESS	SCHOOL DISTRICT	PROPERTY USE / BUILDING DATA AND EXTRA FEATURES	STATISTICAL INFO	VALUES
46- Q- -0055-0 GRUMMAN AEROSPACE CORP SO OYSTER BAY RD BETHPAGE NEW YORK 11714 * STEWART AVE			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 96.00 X 169.00	021	710.14-MANUFACTURING		$5,600TV $5,600LV $1,402.24CT $2,201.02ST LIBR 8868-0298
46- N- -0020-0 GRUMMAN AEROSPACE CORP SOUTH OYSTER BAY RD BETHPAGE NEW YORK 11714 * S OYSTER BAY RD			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 150.00 X 207.00	017	710.84-MANUFACTURING		$6,050TV $5,920LV $130IV $1,705.90CT $1,900.80ST LIBR 8254-0274
46- N- -0051-0 GRUMMAN AEROSPACE CORP SOUTH OYSTER BAY ROAD BETHPAGE NEW YORK 11714 * OYSTER BAY RD			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT GROUP-51,64 LOT SIZE- 4.27AC	017	710.14-MANUFACTURING USE: 310-GENERAL OFFICE TOT AREA-4320 SF GF AREA-4320 SF FLR HGT-11 CLASS-MSNRY/CONC WALL EXT WALL-FACE BRICK EXTRA FEATURES: 118-SPRINKLER MEAS-4320 TYPE - WP3 118-SPRINKLER MEAS-35640 TYPE - WP6 410-CHAINLINK FENCING MEAS-1200 TYPE - B06 401-YARD PAVING MEAS-90000 TYPE - BTP 312-CANOPY MEAS-1008 TYPE - TIU 508-UTILITY BUILDING MEAS-196 TYPE - F25 USE: 524-HEAVY MANUFACTURING TOT AREA-35640 SF GF AREA-35640 SF FLR HGT-18 CLASS-MSNRY/CONC WALL EXT WALL-FACE BRICK USE: 524-HEAVY MANUFACTURING TOT AREA-36000 SF GF AREA-36000 SF FLR HGT-24 CLASS-MSNRY/CONC WALL EXT WALL-STUCCO	CARD NO - 1 SECT - 1 STY HGT - 1.0 NO FLRS - 1.0 RENT UNITS- 1 YR BUILT - 1963 CARD NO - 1 SECT - 2 STY HGT - 1.0 NO FLRS - 1.0 YR BUILT - 1963 CARD NO - 1 SECT - 3 STY HGT - 1.0 NO FLRS - 1.0 YR BUILT - 1973	$353,020TV $171,340LV $182,680IV $99,770.16CT $116,314.79ST DATE 09-77 LIBR 9061-0867

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46- N- -0063-0 GRUMMAN AEROSPACE CORP SOUTH OYSTER BAY ROAD BETHPAGE NEW YORK 11714 *900 S OYSTER BAY RD	OYSTER BAY 2469-TOWN OF OYSTER BAY LOT SIZE- 1.68AC	017	710.24-MANUFACTURING		$182,000TV $67,200LV $64,000IV $37,221.34CT $43,393.68ST
					$1,190,000SP DATE 02-84 LIBR 9534-0439
46-266- -0020-0 GRUMMAN AEROSPACE CORP 500 CENTRAL PARK AVE BETHPAGE NEW YORK 11714 *500 CENTRAL PARK AVE	OYSTER BAY 2469-TOWN OF OYSTER BAY LOT GROUP-20-22 LOT SIZE- 12.00 X 86.00 90.00 X 92.00 89.00 X 92.00 13.00 X 87.00	021	433.14-AUTO GARAGE/SHOP USE: 231-AGENCY TYPE-SHOWROOM TOT AREA-1680 SF GF AREA-1680 SF FLR HGT-15 CLASS-MSNRY/CONC WALL EXT WALL-CONCRETE BLOCK EXTRA FEATURES: 401-YARD PAVING MEAS-6000 TYPE - BTP 410-CHAINLINK FENCING MEAS-300 TYPE - B06 USE: 232-AGENCY TYPE-GARAGE TOT AREA-5215 SF GF AREA-5215 SF FLR HGT-15 CLASS-MSNRY/CONC WALL EXT WALL-CONCRETE BLOCK	CARD NO - 1 SECT - 1 STY HGT - 1.0 NO FLRS - 1.0 RENT UNITS- 1 YR BUILT - 1926 CARD NO - 1 SECT - 2 STY HGT - 1.0 NO FLRS - 1.0 RENT UNITS- 1 YR BUILT - 1956	$30,350TV $31,220LV $7,138IV $10,787.84CT $15,073.08ST LIBR 8074-0433
46-323- -0016-A GRUMMAN AEROSPACE CORP SOUTH OYSTER BAY RD BETHPAGE NEW YORK 11714	OYSTER BAY 2469-TOWN OF OYSTER BAY LOT SIZE- 58.21AC	021	710.14-MANUFACTURING		$2,357,950TV $931,340LV $1,426,490IV $585,101.71CT $926,768.67ST
46-323- -0019-0 GRUMMAN AEROSPACE CORP SO OYSTER BAY RD BETHPAGE NEW YORK 11714 * S OYSTER BAY RD	OYSTER BAY 2469-TOWN OF OYSTER BAY LOT SIZE- 31.86AC	021	710.14-MANUFACTURING		LIBR 8080-0122 $1,182,550TV $589,760LV $672,790IV $277,742.60CT $464,789.45ST
46-323- -0078-A GRUMMAN AEROSPACE CORP S OYSTER BAY ROAD BETHPAGE NEW YORK 11714 * S OYSTER BAY RD	OYSTER BAY 2469-TOWN OF OYSTER BAY LOT SIZE- 52.00 X 159.00	017	340.14-INDUSTRIAL-VACANT		LIBR 8074-044 $7,350TV $7,350LV $2,055.94CT $2,416.24ST

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PARCEL NUMBER / OWNERS NAME / MAILING ADDRESS / PHONE NUMBER / PROPERTY LOCATION	TOWNSHIP / MUNICIPALITY / TAXPAYER NAME / MAILING ADDRESS	SCHOOL DISTRICT	PROPERTY USE / BUILDING DATA AND EXTRA FEATURES	STATISTICAL INFO	VALUES
46-323- -0223-0 GRUMMAN AEROSPACE CORP 1111 STEWART AVENUE BETHPAGE NEW YORK 11714 S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 36.86AC	021	710.14-MANUFACTURING		$5,906,698TV $589,920LV $5,316,778IV $487,488.94CT $777,091.01ST
46-323- -0224-0 GRUMMAN AEROSPACE CORP 1111 STEWART AVENUE BETHPAGE NEW YORK 11714 S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 6.78AC	021	330.14-COMMERCIAL-VACANT		$188,488TV $188,488LV $24,715.37CT $42,636.98ST
46-505- -0061-0 GRUMMAN AEROSPACE CORP SO OYSTER BAY RD BETHPAGE NEW YORK 11714 S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 80.00 X 94.00	017	340.14-INDUSTRIAL-VACANT	LIBR 8074-8425	$548TV $548LV $151.05CT $177.52ST
46-505- -0062-0 GRUMMAN AEROSPACE CORP SOUTH OYSTER BAY RD BETHPAGE NEW YORK 11714 S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 80.00 X 75.00	017	340.14-INDUSTRIAL-VACANT	LIBR 8088-8118	$488TV $488LV $134.27CT $157.88ST
46-505- -0063-A GRUMMAN AEROSPACE CORP SOUTH OYSTER BAY RD BETHPAGE NEW YORK 11714 S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT GROUP-63A-63B LOT SIZE- 140.00 X 60.00	021	340.14-INDUSTRIAL-VACANT	LIBR 8088-8118	$788TV $788LV $195.66CT $275.13ST
46-505- -0064-0 GRUMMAN AEROSPACE CORP SO OYSTER BAY RD BETHPAGE NEW YORK 11714 S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT GROUP-64-66 LOT SIZE- 160.00 X 42.00	021	340.14-INDUSTRIAL-VACANT	LIBR 8074-8425	$688TV $688LV $167.66CT $235.82ST
46-627- -0035-0 GRUMMAN AEROSPACE CORP 14 NO. ROBERT DAMN STREET BETHPAGE NEW YORK 11714 #14 N ROBERT DAMN ST	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT GROUP-35 LOT SIZE- 50.00 X 115.00	021	210.01-SINGLE FAMILY RESID. FOUNDATION - CONCRETE WALLS BSMT AREA - FULL BSMT EXT WALLS - FRAME W/COM BRK ROOF TYPE - HIP ROOFING - ASPHALT SHINGLE FLR FINISH - HARDWOOD INT FINISH - WALL BOARD HEAT & A/C - HOT WATER FUEL TYPE - OIL	DWLG TYPE - 1 FAM YR BUILT - 1963 STORIES - 1.0 NO ROOMS: FLOOR 1 - 6 # BATHS - 1.0	$4,788TV $435LV $4,865IV $1,341.87CT $1,958.63ST LIBR 8074-8442

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PARCEL NUMBER / OWNERS NAME / MAILING ADDRESS / PHONE NUMBER / PROPERTY LOCATION	TOWNSHIP / MUNICIPALITY / TAXPAYER NAME / MAILING ADDRESS	SCHOOL DISTRICT	PROPERTY USE / BUILDING DATA AND EXTRA FEATURES	STATISTICAL INFO	VALUES
46-323- -0017-E GRUMMAN AEROSPACE CORPORATION SO OYSTER BAY ROAD BETHPAGE NEW YORK 11714 ■ S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT GROUP-17E LOT SIZE- 122.20AC	021	710.14-MANUFACTURING		$3,161,400TV $1,955,200LV $1,206,200IV $784,469.80CT $1242,556.66ST $2,000SP DATE 11-78 LIBR 8994-0254
46-323- -0077-0 GRUMMAN AEROSPACE CORPORATION SO OYSTER BAY ROAD BETHPAGE NEW YORK 11714 ■21 MAPLE AVE	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 1.06AC	021	340.14-INDUSTRIAL-VACANT		$16,950TV $16,950LV $4,174.20CT $6,662.03ST LIBR 8888-8306
46-323- -0079-0 GRUMMAN AEROSPACE CORPORATION SOUTH OYSTER BAY ROAD BETHPAGE NEW YORK 11714 ■ S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 120.00 X 70.00	021	340.14-INDUSTRIAL-VACANT		$7,200TV $7,200LV $1,775.14CT $2,829.89ST LIBR 8888-8134
46-323- -0082-0 GRUMMAN AIRC ENG CORP SOUTH OYSTER BAY ROAD BETHPAGE NEW YORK 11714 ■ S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 40.00 X 100.00	021	340.14-INDUSTRIAL-VACANT		$1,450TV $1,450LV $357.09CT $569.91ST
46-503- -0003-0 GRUMMAN AIRC ENG CORP 1111 STEWART AVENUE BETHPAGE NEW YORK 11714 ■1111 STEWART AVE	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 202.00 X 310.00	021	330.14-COMMERCIAL-VACANT		$34,900TV $34,900LV $8,594.82CT $13,717.18ST LIBR 8888-8115
46- N- -0044-0 GRUMMAN AIRCRAFT ENG CORP 1111 STEWART AVENUE BETHPAGE NEW YORK 11714 ■ S OYSTER BAY RD	OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 3.47AC	017	464.14-OFFICE BLDG USE: 525-INDUSTRIAL OFFICE TOT AREA-25168 SF OF AREA-25168 SF FLR HGT-13 CLASS-MSNRY/CONC WALL EXT WALL-STUCCO EXTRA FEATURES: 401-YARD PAVING MEAS-88400 TYPE - BTP 410-CHAINLINK FENCING MEAS-1000 TYPE - 666	CARD NO - 1 SECT - 1 STY HGT - 1.0 NO FLRS - 1.0 YR BUILT - 1963 YR REMOV - 1967	$215,440TV $138,800LV $76,640IV $60,755.41CT $70,030.32ST LIBR 8874-8458

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PARCEL NUMBER BLDG UNIT / OWNERS NAME / MAILING ADDRESS / *PHONE NUMBER YRS M/SAME / *PROPERTY LOCATION PHONE | TOWNSHIP / MUNICIPALITY / TAXPAYER NAME / MAILING ADDRESS | SCHOOL DISTRICT | PROPERTY USE / BUILDING DATA AND EXTRA FEATURES | STATISTICAL INFO | VALUES: TOTAL-TV / LAND-LV / IMPROVEMENT-IV / COUNTY TAX-CT / SCHOOL TAX-ST / SALE PRICE-SP

46- N- -0044-0
GRUMMAN AIRCRAFT ENG CORP
* S OYSTER BAY RD

664.14-OFFICE BLDG
USE: 525-INDUSTRIAL OFFICE
TOT AREA-225 SF
GF AREA-225 SF
FLR HGT-12
CLASS-PRE ENG-STL FR
EXT WALL-METAL SIDING

CONTINUED
CARD NO - 1
SECT - 2
STY HGT - 1.0
NO FLRS - 1.0

$215,468TV
$130,000LV

46-323- -0016-C
GRUMMAN AIRCRAFT ENG CORP
NO 6 SOUTH OYSTER BAY ROAD
BETHPAGE NEW YORK 11714
* N SOUTH OYSTER BAY RD

HEMPSTEAD
2089-TOWN OF HEMPSTEAD
GRUMMAN AEROSPACE CORP
SO OYSTER BAY ROAD
BETHPAGE, NY 11714
LOT GROUP-16C
LOT SIZE- 2.85AC

026

710.24-MANUFACTURING

$101,278TV
$45,000LV
$55,678IV
$30,648.25CT
$41,174.34ST
LIBR 8000-0120

46-323- -0081-0
GRUMMAN AIRCRAFT ENG CORP
1 SHERIDAN AVE
BETHPAGE NEW YORK 11714
*1 SHERIDAN AVE

OYSTER BAY
2489-TOWN OF OYSTER BAY
LOT SIZE- 83.00 X 484.00

017

330.14-COMMERCIAL-VACANT

$2,250TV
$2,250LV
$629.37CT
$739.67ST

46-323- -0086-0
GRUMMAN AIRCRAFT ENG CORP
SOUTH OYSTERBAY ROAD
BETHPAGE NEW YORK 11714
* S OYSTER BAY RD

OYSTER BAY
2489-TOWN OF OYSTER BAY
LOT SIZE- 408.00 X 159.00

017

340.14-INDUSTRIAL-VACANT

$11,058TV
$11,058LV
$3,098.91CT
$3,632.50ST

46-323- -0087-0
GRUMMAN AIRCRAFT ENG CORP
SOUTH OYSTER BAY ROAD
BETHPAGE NEW YORK 11714
* S OYSTER BAY RD

OYSTER BAY
2489-TOWN OF OYSTER BAY
LOT SIZE- 61.00 X 92.00

017

340.14-INDUSTRIAL-VACANT

$4,658TV
$4,658LV
$1,305.78CT
$1,528.64ST

46-504- -0130-0
GRUMMAN AIRCRAFT ENG CORP
OYSTER BAY RD
BETHPAGE NEW YORK 11714
* OYSTER BAY RD

OYSTER BAY
2489-TOWN OF OYSTER BAY
LOT GROUP-130,132
LOT SIZE- 6.69AC

017

710.14-MANUFACTURING
USE: 525-INDUSTRIAL OFFICE
TOT AREA-1968 SF
GF AREA-1968 SF
FLR HGT-12
CLASS-MSNRY/CONC WALL
EXT WALL-CONCRETE BLOCK

EXTRA FEATURES:
401-YARD PAVING
MEAS-126400 TYPE - BTP
410-CHAINLINK FENCING
MEAS-2640 TYPE - B06

CARD NO - 1
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1968

$295,908TV
$275,150LV
$20,758IV
$82,769.15CT
$97,274.17ST
LIBR 8000-0314

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PARCEL NUMBER BLDG UNIT
OWNER'S NAME
MAILING ADDRESS
PHONE NUMBER YRS H/SAME
*PROPERTY LOCATION PHONE

TOWNSHIP
MUNICIPALITY
TAXPAYER NAME
MAILING ADDRESS

SCHOOL DISTRICT

PROPERTY USE
BUILDING DATA AND EXTRA FEATURES

STATISTICAL INFO

V A L U E S
TOTAL-TV
LAND-LV
IMPROVEMENT-IV
COUNTY TAX-CT
SCHOOL TAX-ST
SALE PRICE-SP

46- N- -0023-0
GRUMMAN AIRCRAFT ENGINEERING CORP
SOUTH OYSTER BAY ROAD
BETHPAGE NEW YORK 11714
* S OYSTER BAY RD

OYSTER BAY
2489-TOWN OF OYSTER BAY

017

460.74-BANK/OFFICE BLDG

LOT SIZE- 6.27AC

$183,248TV
$181,688LV
$1,644IV
$29,111.62CT
$38,939.12ST

LIBR 8074-0458

46- N- -0071-0
GRUMMAN AROSPCE CORP
SOUTH OYSTER BAY ROAD
BETHPAGE NEW YORK 11714
* S OYSTER BAY RD

OYSTER BAY
2489-TOWN OF OYSTER BAY

017

460.84-STORAGE/WAREHOUSE

LOT SIZE- 7.59AC

$517,556TV
$242,888LV
$274,670IV
$145,938.75CT
$170,139.39ST

DATE 01-79
LIBR 8434-0256
PREV SALE:
$1,650,366SP
DATE 01-74

83-182- -0030-0
GRUMMAN LR
77 BAYVIEW RD
PLANDOME NEW YORK
*77 BAYVIEW RD

NORTH HEMPSTEAD
2237-PLANDOME MANOR
ROSE M GRUMMAN
77 BAYVIEW RD
PLANDOME NY 11030

006

311.14-RESIDENTIAL-VACANT

LOT SIZE- 2.34AC

$2,888TV
$2,888LV
$379.96CT
$1,847.34ST

42-066- -0060-0
GRUNBERGER R R
17 ARDEN RD
EAST ROCKAWAY NEW YORK 11518
*17 ARDEN RD

HEMPSTEAD
2089-TOWN OF HEMPSTEAD
ROBERT & RACHEL GRUNBERGER
17 ARDEN ROAD
EAST ROCKAWAY, NY 11518

LOT GROUP-68-70
LOT SIZE- 60.00 X 100.00

019

210.01-SINGLE FAMILY RESID.

FOUNDATION - CONCRETE WALLS
BSMT AREA - FULL BSMT-P/FIN
EXT WALLS - FRAME W/COM BRK
ROOF TYPE - OTHER
ROOFING - ASPHALT SHINGLE
FLR FINISH - HARDWOOD
INT FINISH - OTHER
HEAT & A/C - HOT WATER
FUEL TYPE - OIL
GARAGE - 1 CAR

DWLG TYPE - 1 FAM
YR BUILT - 1959
STORIES - 1.0
NO ROOMS:
BASEMENT - 1
FLOOR 1 - 5
BATHS - 1.5

$6,688TV
$648LV
$5,952IV
$1,698.44CT
$5,348.51ST

LIBR 6380-0330

45-367- -0011-0
GRUNO ANTHONY & LILLIAN
76 BOBWHITE LANE
HICKSVILLE NEW YORK 11801
516-931-2665 10+
*78 BOBWHITE LN

OYSTER BAY
2489-TOWN OF OYSTER BAY

017

210.01-SINGLE FAMILY RESID.

LOT SIZE- 55.00 X 100.00

FOUNDATION - CONCRETE WALLS
EXT WALLS - FRAME
ROOF TYPE - GABLE
ROOFING - ASPHALT SHINGLE
FLR FINISH - CEMENT
INT FINISH - WALL BOARD
HEAT & A/C - HOT WATER
FUEL TYPE - OIL
ATTIC FNSH - FULL

DWLG TYPE - 1 FAM
YR BUILT - 1948
NO ROOMS:
FLOOR 1 - 6
FLOOR 2 - 2
BATHS - 1.5
FIRE PL - 1

$4,458TV
$755LV
$3,695IV
$1,354.84CT
$1,523.55ST

LIBR 5582-0439

TRW·REDI Nationwide 1-800-345-7334

PARCEL NUMBER BLDG UNIT
OWNERS NAME
MAILING ADDRESS
#PHONE NUMBER YRS M/SAME
*PROPERTY LOCATION PHONE

TOWNSHIP
MUNICIPALITY
TAXPAYER NAME
MAILING ADDRESS

SCHOOL DISTRICT

PROPERTY USE
BUILDING DATA AND EXTRA FEATURES

STATISTICAL INFO

VALUES
TOTAL-TV
LAND-LV
IMPROVEMENT-IV
COUNTY TAX-CT
SCHOOL TAX-ST
SALE PRICE-SP

46-584- -0131-0
GRUMMAN AEOSPCE CORP
* S NEW RD

710.14-MANUFACTURING

USE: 522-LIGHT MANUFACTURING
TOT AREA-623 SF
GF AREA-623 SF
FLR HGT-20
CLASS-MSNRY/CONC WALL
EXT WALL-CONCRETE BLOCK

CONTINUED
CARD NO - 10
SECT - 2
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1985

$538,750TV
$314,810LV

USE: 511-GENERAL WAREHOUSE
TOT AREA-1046 SF
GF AREA-1046 SF
FLR HGT-12
CLASS-PRE ENG-STL FR
EXT WALL-METAL SIDING

CARD NO - 11
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1988

EXTRA FEATURES:
118-SPRINKLER
MEAS-1046 TYPE - WPS

USE: 515-GENERAL STORAGE
TOT AREA-800 SF
GF AREA-800 SF
FLR HGT-10
CLASS-PRE ENG-STL FR
EXT WALL-METAL SIDING

CARD NO - 12
SECT - 1
STY HGT - 1.0
NO FLRS - 1.0
RENT UNITS- 1
YR BUILT - 1968

EXTRA FEATURES:
117-HVAC
MEAS-800

46- G- -0016-0
GRUMMAN AEROSPACE CORP
SO OYSTER BAY RD
BETHPAGE NEW YORK 11714
* S OYSTER BAY RD

OYSTER BAY
2489-TOWN OF OYSTER BAY

021

710.14-MANUFACTURING

LOT GROUP-16,18
LOT SIZE- 5.12AC

$388,850TV
$96,110LV
$284,740IV
$5,364.84CT
$141,689.28ST

$1,275,445SP
DATE 08-74
LIBR 8888-0298

46- G- -0029-0
GRUMMAN AEROSPACE CORP
SOUTH OYSTER BAY RD
BETHPAGE NEW YORK 11714
* S OYSTER BAY RD

OYSTER BAY
2489-TOWN OF OYSTER BAY

021

464.14-OFFICE BLDG

LOT SIZE- 2.96AC

$55,750TV
$47,360LV
$8,390IV
$13,959.00CT
$21,911.90ST

LIBR 8888-0298

46- G- -0052-0
GRUMMAN AEROSPACE CORP
1111 STEWART AVENUE
BETHPAGE NEW YORK 11714
*1101 STEWART AVE

OYSTER BAY
2489-TOWN OF OYSTER BAY

021

465.14-BANK WITH OFFICES

LOT SIZE- 200.00 X 384.00

$145,850TV
$28,640LV
$116,410IV
$25,825.76CT
$40,537.36ST

LIBR 9759-0193

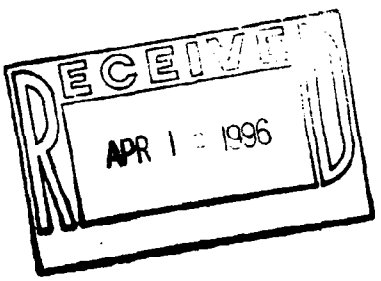
PARCEL NUMBER / OWNERS NAME / MAILING ADDRESS / PHONE NUMBER / PROPERTY LOCATION	BLDG	UNIT	TOWNSHIP / MUNICIPALITY / TAXPAYER NAME / MAILING ADDRESS	SCHOOL DISTRICT	PROPERTY USE / BUILDING DATA AND EXTRA FEATURES	STATISTICAL INFO	VALUES
46-323- -0078-B GRUMMAN AEROSPACE CORP S OYSTER BAY ROAD BETHPAGE NEW YORK 11714 S OYSTER BAY RD			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 1.63AC	021	340.14-INDUSTRIAL-VACANT		$26,100TV $26,100LV $6,427.65CT $10,250.34ST LIBR 8074-8425
46-323- -0084-A GRUMMAN AEROSPACE CORP SO OYSTER BAY RD BETHPAGE NEW YORK 11714 S OYSTER BAY RD			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 1.25AC	017	340.14-INDUSTRIAL-VACANT		$20,000TV $20,000LV $5,594.40CT $6,574.00ST LIBR 8080-0306
46-323- -0084-B GRUMMAN AEROSPACE CORP S OYSTER BAY ROAD BETHPAGE NEW YORK 11714 S OYSTER BAY RD			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 5.02AC	021	340.14-INDUSTRIAL-VACANT		$80,300TV $80,300LV $19,775.46CT $31,561.11ST LIBR 8080-0306
46-323- -0085-0 GRUMMAN AEROSPACE CORP S OYSTER BAY ROAD BETHPAGE NEW YORK 11714 S OYSTER BAY RD			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 2.29AC	017	340.14-INDUSTRIAL-VACANT		$34,000TV $34,000LV $10,869.92CT $11,434.64ST LIBR 8080-0126
46-323- -0222-0 GRUMMAN AEROSPACE CORP 899 SOUTH OYSTER BAY ROAD BETHPAGE NEW YORK 11714 899 S OYSTER BAY RD			OYSTER BAY 2489-TOWN OF OYSTER BAY LOT SIZE- 2.61AC	021	815.04-ELECTRIC-GAS USE: 318-GENERAL OFFICE TOT AREA-1440 SF GF AREA-1440 SF FLR HGT-12 CLASS-PRE ENG-STL FR EXT WALL-METAL PANELS EXTRA FEATURES: 118-SPRINKLER MEAS-2400 TYPE - WP4 USE: 281-GENERAL UTILITY/STG TOT AREA-960 SF GF AREA-960 SF FLR HGT-12 CLASS-PRE ENG-STL FR EXT WALL-METAL PANELS	CARD NO - 2 SECT - 1 STY HGT - 1.0 NO FLRS - 1.0 RENT UNITS- 1 YR BUILT - 1992 CARD NO - 2 SECT - 2 STY HGT - 1.0 NO FLRS - 1.0 RENT UNITS- 1 YR BUILT - 1992	$3,312,348TV $90,950LV $3,221,398IV $689,449.02CT $1301,882.11ST

The EDR Area Study Report

Study Area
Grumman GO CO Property
Bethpage, Long Island

April 12, 1996

Inquiry number 114340



Environmental Data Resources, Inc.

Creators of Toxicheck/®

***The* Source For Environmental Risk Management Data**

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM RECORDS:

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA/NTIS
Telephone: 703-603-8904
CERCLIS: CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/30/95
Date Made Active at EDR: 02/26/96
Date of Data Arrival at EDR: 01/15/96
Elapsed ASTM days: 42

ERNS: Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
ERNS: Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/95
Date Made Active at EDR: 02/19/96
Date of Data Arrival at EDR: 01/26/96
Elapsed ASTM days: 24

NPL: National Priority List
Source: EPA
Telephone: 703-603-8852
NPL: National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, it is EDR's policy to plot NPL sites greater than approximately 500 acres in size as areas (polygons). Sites smaller in size are point-geocoded at the site's address.

Date of Government Version: 09/01/95
Date Made Active at EDR: 10/25/95
Date of Data Arrival at EDR: 10/17/95
Elapsed ASTM days: 8

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 703-308-7907
RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 10/31/95
Date Made Active at EDR: 01/12/96
Date of Data Arrival at EDR: 12/15/95
Elapsed ASTM days: 28

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDERAL NON-ASTM RECORDS:

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies — Date of Next Scheduled Update: 09/01/95

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 703-308-7907
CORRACTS: CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 04/10/95 — Date of Next Scheduled Update: 06/17/96

FINDS: Facility Index System
Source: EPA/NTIS
Telephone: 800-908-2493
FINDS: Facility Index System. FINDS contains both facility information and "pointers" to other sources that contain more detail. These include: RCRIS, PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]), CERCLIS, DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), FRDS (Federal Reporting Data System), SIA (Surface Impoundments), CICIS (TSCA Chemicals in Commerce Information System), PADS, RCRA-J (medical waste transporters/disposers), TRIS and TSCA.

Date of Government Version: 09/30/95 — Date of Next Scheduled Update: 07/08/96

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
HMIRS: Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/95 — Date of Next Scheduled Update: 07/29/96

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/01/95 — Date of Next Scheduled Update: 07/15/96

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
NPL LIENS: Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91 — Date of Next Scheduled Update: 05/27/96

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-260-3992
PADS: PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/14/94 — Date of Next Scheduled Update: 05/20/96

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RAATS: RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA.

Date of Government Version: 04/17/95 Date of Next Scheduled Update: 06/17/96

ROD: Records Of Decision
Source: NTIS
Telephone: 703-416-0703
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 03/31/95 Date of Next Scheduled Update: 06/17/96

TRIS: Toxic Chemical Release Inventory System
Source: EPA/NTIS
Telephone: 202-260-2320
TRIS: Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/92 Date of Next Scheduled Update: 07/01/96

TSCA: Toxic Substances Control Act
Source: EPA/NTIS
Telephone: 202-260-1444
TSCA: Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 01/31/95 Date of Next Scheduled Update: 06/17/96

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF NEW YORK ASTM RECORDS:

LUST: Spills Information Database
Source: Department of Environmental Conservation
Telephone: 518-457-2462
LUST: Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/30/95 — Date of Data Arrival at EDR: 11/22/95
Date Made Active at EDR: 12/20/95 — Elapsed ASTM days: 28

SHWS: Inactive Hazardous Waste Disposal Sites in New York State
Source: Department of Environmental Conservation
Telephone: 518-457-0747
SHWS: State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/30/95 — Date of Data Arrival at EDR: 06/19/95
Date Made Active at EDR: 07/25/95 — Elapsed ASTM days: 36

SWF/LS: Facility Register
Source: Department of Environmental Conservation
Telephone: 518-457-2051
SWF/LS: Solid Waste Facilities/Landfill Sites. SWF/LS type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/31/95 — Date of Data Arrival at EDR: 03/01/96
Date Made Active at EDR: 03/27/96 — Elapsed ASTM days: 26

UST: Petroleum Bulk Storage (PBS, CBS, MOSF) Database (UST)
Source: Department of Environmental Conservation
Telephone: 518-457-4351
UST: Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 09/30/95 — Date of Data Arrival at EDR: 11/22/95
Date Made Active at EDR: 12/20/95 — Elapsed ASTM days: 28

STATE OF NEW YORK NON-ASTM RECORDS:

AST: Petroleum Bulk Storage (AST)
Source: Department of Environmental Conservation
Telephone: 518-457-4351
AST: Registered Aboveground Storage Tanks.

Date of Government Version: 09/30/95 — Date of Next Scheduled Update: 05/26/96

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NEW YORK COUNTY RECORDS

CORTLAND COUNTY:

Cortland County UST Listing (AST)
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 07/12/95 — Date of Next Scheduled Update: 06/10/96

Cortland County UST Listing (UST)
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 01/11/96 — Date of Next Scheduled Update: N/A

NASSAU COUNTY:

NCPHO Article XI Database (AST)
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 01/02/96 — Date of Next Scheduled Update: 06/10/96

NCPHO Article XI Database (UST)
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 01/02/96 — Date of Next Scheduled Update: N/A

ROCKLAND COUNTY:

Petroleum Bulk Storage Database (AST)
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 11/23/95 — Date of Next Scheduled Update: 06/10/96

Petroleum Bulk Storage Database (UST)
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 11/23/95 — Date of Next Scheduled Update: N/A

SUFFOLK COUNTY:

Underground Storage Tank Database (AST)
Source: Suffolk County Department of Health Services
Telephone: 516-854-2521

Date of Government Version: 02/28/95 — Date of Next Scheduled Update: 06/10/96

Underground Storage Tank Database (UST)
Source: Suffolk County Department of Health Services
Telephone: 516-854-2521

Date of Government Version: 02/28/95 — Date of Next Scheduled Update: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Historical and Other Database(s)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

DELISTED NPL: Delisted NPL Sites
Source: EPA
Telephone: 703-603-8769
DELISTED NPL: The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

NFRAP: No Further Remedial Action Planned
Source: EPA/NTIS
Telephone: 703-416-0702
NFRAP: As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

FRDS: Federal Reporting Data System
Source: EPA/Office of Drinking Water
Telephone: 202-260-2805
FRDS provides information regarding public water supplies and their compliance with monitoring requirements, maximum contaminant levels (MCL's), and other requirements of the Safe Drinking Water Act of 1986.

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals who, due to their fragile immune systems, are deemed to be especially sensitive to environmental discharges. These typically include the elderly, the sick, and children. While the exact location of these sensitive receptors cannot be determined, EDR indicates those facilities, such as schools, hospitals, day care centers, and nursing homes, where sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1994 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Water Dams: National Inventory of Dams
Source: Federal Emergency Management Agency
Telephone: 202-646-2801
WATER DAMS: National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

MAP FINDINGS SUMMARY

Database	Total Plotted
NPL	1
Delisted NPL	0
RCRIS-TSD	1
State Haz. Waste	2
CERCLIS	3
CERC-NFRAP	0
CORRACTS	2
State Landfill	0
LUST	97
UST	11
AST	25
RAATS	0
RCRIS Sm. Quan. Gen.	48
RCRIS Lg. Quan. Gen.	39
HMIRS	0
PADS	2
ERNS	1
FINDS	90
TRIS	1
NPL Liens	0
TSCA	0
MLTS	0
NY Spills	0
ROD	0
CONSENT	0
Coal Gas	0

* Sites may be listed in more than one database

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

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1 **KENDALL RESIDENCE** **LUST** **S100492251**
33 WENDELL STREET **N/A**
PLAINVIEW, NY

LUST:

Facility ID:	9211165	Spill Date:	12/28/1992
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	500.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	GROUNDWATER	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	RICE
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

---

2 **NEGRON RESIDENCE** **LUST** **S100666445**
54 SUNRISE STREET **N/A**
PLAINVIEW, NY

LUST:

Facility ID:	9004238	Spill Date:	07/17/1990
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	08/21/1990
Initiated clean up:	Not reported	Close Date:	08/21/1990
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

---

3 **FERN PLACE ELEMENTARY SCHOOL** **FINDS** **1000305842**
ORCHARD STREET/FERN PLACE **RCRIS-LQG** **NYD980564165**
PLAINVIEW, NY 11803

FERN PLACE ELEMENTARY SCHOOL (Continued) 1000305842

RCRIS:
Owner: PLAINVIEW OLD BETHPAGE
(212) 555-1212
Contact: LAWRENCE HERZOG
(516) 937-6412

Waste	Quantity	Info Source
X001	.00000 (N)	Notification

(P) = Pounds . (K) = Kilograms . (M) = Metric Tons . (T) = Tons . (N) = Not Reported

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4 **UNK** LUST S100668107
26 ANDOVER LN N/A
HICKSVILLE, NY

LUST:

Facility ID:	8710473	Spill Date:	03/14/1988
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	PASSENGER VEHICLE
Resource affected:	ON LAND	Notifier:	LOCAL AGENCY
Basin of spill:	1700	Project ID:	0
Cleaner:	NO ACTION TAKEN	Date Cleaned:	03/16/1988
Initiated clean up:	Not reported	Close Date:	03/16/1988
Last Inspection:	Not reported	Investigator:	Not reported
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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5 **WRIGHT FUEL** LUST S100490835
789 OLD COUNTRY ROAD N/A
PLAINVIEW, NY

LUST:

Facility ID:	9113197	Spill Date:	03/29/1992
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	8.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	04/16/1992
Initiated clean up:	Not reported	Close Date:	04/16/1992
Last Inspection:	Not reported	Investigator:	LUCE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
5	**ACE SERVICE CENTER** **791 OLD COUNTRY RD** **PLAINVIEW, NY**	**AST**	**A100043173** **N/A**

Nassau County AST:

Facility ID:	055919	Tank ID:	0002
Tank Location:	Indoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1285
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

6	**SHEAR MARTIN DMD** **777 OLD COUNTRY RD** **PLAINVIEW, NY 11803**	**RCRIS-SQG** **FINDS**	**1000555610** **NYD986981504**

RCRIS:
Owner: MARTIN SHEAR DMD
(212) 555-1212

Contact: MARTIN SHEAR
(516) 937-0888

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D011	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

7	**R & N CLEANERS DBA IZZY'S TLC** **720 OLD COUNTRY ROAD** **PLAINVIEW, NY 11803**	**RCRIS-SQG** **FINDS**	**1000124839** **NYD081368276**

RCRIS:
Owner: WEISFELNER, ISRAEL INC
(212) 555-1212

Contact: ISRAEL WEISFELNER
(516) 931-9163

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

There are 1 compliance/violation record(s) reported at this site:

Evaluation	Date	Violations
NON-FINANCIAL RECORD REVIEW (NRR)	15-OCT-87	YES

7	**TODD EVAN CLEANERS OF PLAINVIEW** **720 OLD COUNTRY RD** **PLAINVIEW, NY 11803**	**FINDS** **RCRIS-LQG**	**1000183132** **NYD982279853**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

TODD EVAN CLEANERS OF PLAINVIEW (Continued) **1000183132**

RCRIS:
Owner: UNKNOWN
(212) 555-1212

Contact: BENJAMIN MATROS
(516) 931-9163

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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8 **BELLECLARE NURSERY** **UST** **U001446888**
671 OLD COUNTRY RD **N/A**
PLAINVIEW, NY

Nassau County UST:

Facility ID:	055328	Tank ID:	0002
Tank Location:	Indoors, Belowground	Capacity:	00000550
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0673
Total Tanks:	1		

---

9 **COUNTRY CLEANERS** **RCRIS-SQG** **1000322800**
657 OLD COUNTRY ROAD **FINDS** **NYD981130875**
PLAINVIEW, NY 11803

RCRIS:
Owner: WON LEE
(516) 931-9747

Contact: WON LEE
(516) 931-9747

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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10 **40 ISLAND ST** **ERNS** **8704086**
N/A

PLAINVIEW, NY

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11 **LEE'S FRENCH CLEANERS** **RCRIS-SQG** **1000137893**
607 OLD COUNTRY ROAD **FINDS** **NYD982282808**
PLAINVIEW, NY 11803

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

LEE'S FRENCH CLEANERS (Continued) **1000137893**

RCRIS:
Owner: LEE TAE KWON
(212) 555-1212

Contact: KWANG HO LEE
(516) 935-6120

Waste	Quantity	Info Source	Waste	Quantity	Info Source
F002	.00000 (N)	Notification	NONE	.00000 (N)	EPA Inspection

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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12 **PLAINVIEW MANOR S/C., INC** **AST** **A100043244**
587 OLD COUNTRY RD **N/A**
PLAINVIEW, NY

Nassau County AST:

Facility ID:	056265	Tank ID:	0001
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1082
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

---

13 **OWNER RICHIE?** **LUST** **S101102812**
64 BARNUM AVENUE **N/A**
PLAINVIEW, NY

LUST:

Facility ID:	9401539	Spill Date:	04/29/1994
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	KEROSENE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	CITIZEN
Basin of spill:	1700	Project ID:	0
Cleaner:	NO ACTION TAKEN	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	AUSTIN
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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14 **PLAZA FRENCH CLEANERS** **FINDS** **1000442902**
524 OLD COUNTRY RD **RCRIS-LQG** **NYD986868396**
PLAINVIEW, NY 11803

PLAZA FRENCH CLEANERS (Continued) **1000442902**

RCRIS:
Owner: YOON HAKSUNG
(212) 555-1212

Contact: YOON HAKSUNG
(516) 932-5776

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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15 **UNK** **LUST** **S100666492**
510 OLD COUNTRY ROAD **N/A**
PLAINVIEW, NY

LUST:

Facility ID:	9006601	Spill Date:	09/15/1990
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	10.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	IN SEWER	Notifier:	FIRE DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	09/20/1990
Initiated clean up:	Not reported	Close Date:	09/20/1990
Last Inspection:	Not reported	Investigator:	LUCE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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16 **MERIT OYSTER BAY** **RCRIS-SQG** **1001028353**
496 PLAINVIEW RD **NYR000005850**
HICKSVILLE, NY 11801

RCRIS:
Owner: MERIT OIL OF NEW YORK INC
(610) 527-7900

Contact: Not reported

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D018	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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16 **NORTHVILLE INDUSTRIES** **LUST** **S100493481**
496 PLAINVIEW RD **N/A**
HICKSVILLE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

NORTHVILLE INDUSTRIES (Continued) **S100493481**

LUST:

Facility ID:	9201365	Spill Date:	05/04/1992
First notified:	C	Material class:	PETROLEUM
Material spilled:	UNKNOWN	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	03/06/1995
Initiated clean up:	Not reported	Close Date:	03/06/1995
Last Inspection:	Not reported	Investigator:	HAAS
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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16 **NORTHVILLE** **LUST** **S100493642**
496 PLAINVIEW RD **N/A**
HICKSVILLE, NY

LUST:

Facility ID:	9203191	Spill Date:	06/15/1992
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/06/1992
Initiated clean up:	Not reported	Close Date:	07/06/1992
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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16 **NORTHVILLE S/S** **LUST** **S100493669**
496 PLAINVIEW RD **N/A**
HICKSVILLE, NY

NORTHVILLE S/S (Continued) **S100493669**

LUST:

Facility ID:	9203434	Spill Date:	06/22/1992
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/06/1992
Initiated clean up:	Not reported	Close Date:	07/06/1992
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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16 **PLAINVIEW SHELL INC.** **UST** **U001854914**
500 OLD COUNTRY RD **N/A**
PLAINVIEW, NY

Nassau County UST:

Facility ID:	041012	Tank ID:	0004
Tank Location:	Indoors, Belowground	Capacity:	00000550
Tank Status:	6	Tank Material:	STEEL
Piping Type:	Galvanized Steel	Material Type:	Waste
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Description:	WASTE OIL		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0162
Total Tanks:	2		

Facility ID:	041012	Tank ID:	0005
Tank Location:	Indoors, Belowground	Capacity:	00000550
Tank Status:	6	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Other	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0162
Total Tanks:	2		

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16 **EXXON CO USA #37149** **RCRIS-SQG** **1000552335**
499 E OLD COUNTRY RD **FINDS** **NYD986947323**
HICKSVILLE, NY 11801 **LUST**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

EXXON CO USA #37149 (Continued) 1000552335

RCRIS:
Owner: EXXON CO USA
(713) 656-7761

Contact: ALDA S POOL
(713) 656-7709

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D018	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

LUST:

Facility ID:	9203976	Spill Date:	07/06/1992
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	ON LAND	Notifier:	DEC
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/28/1992
Initiated clean up:	Not reported	Close Date:	07/28/1992
Last Inspection:	Not reported	Investigator:	DEROSA
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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16 **S.S. PREMISES C/O SHELL OIL CO** RCRIS-SQG 1000140682
500 OLD COUNTRY RD FINDS NYD982178972
PLAINVIEW, NY 11803

RCRIS:
Owner: SHELL OIL COMPANY
(212) 555-1212

Contact: JOHN SPINELLE
(800) 431-5566

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	K052	.00000 (N)	Notification
X001	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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17 **WALTER'S AUTO GROUP** FINDS 1000401646
430 PLAINVIEW RD NYD982723256
HICKSVILLE, NY 11801

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18 **RICH WELGER RESIDENCE** LUST S101174173
21 LANE AVENUE N/A
PLAINVIEW, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

RICH WELGER RESIDENCE (Continued) **S101174173**

LUST:

Facility ID:	9409041	Spill Date:	10/06/1994
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/07/1994
Initiated clean up:	Not reported	Close Date:	10/07/1994
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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19 **OLSEN RESIDENCE** **LUST** **S100147265**
14 HEATHER LANE **N/A**
PLAINVIEW, NY

LUST:

Facility ID:	8804158	Spill Date:	08/11/1988
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	70.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	01/09/1989
Initiated clean up:	Not reported	Close Date:	01/09/1989
Last Inspection:	Not reported	Investigator:	HOFMANN
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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20 **ALFRED MAURO RESIDENCE** **LUST** **S100560476**
285 PLAINVIEW RD **N/A**
HICKSVILLE, NY

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

ALFRED MAURO RESIDENCE (Continued) **S100560476**

LUST:

Facility ID:	9306833	Spill Date:	09/03/1993
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	11/29/1993
Initiated clean up:	Not reported	Close Date:	11/29/1993
Last Inspection:	Not reported	Investigator:	CAMPBELL
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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21 **GETTY PETROLEUM** **LUST** **S100172266**
723 SOUTH OYSTER BAY ROAD **N/A**
PLAINVIEW, NY

LUST:

Facility ID:	8710561	Spill Date:	03/17/1988
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	04/20/1988
Initiated clean up:	Not reported	Close Date:	04/20/1988
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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21 **GETTY PETROLEUM CORP** **RCRIS-SQG** **1000871563**
723 S OYSTER BAY RD **FINDS** **NY0000071282**
PLAINVIEW, NY 11803

RCRIS:
Owner: GETTY PETROLEUM CORP
(516) 338-6000

Contact: JOHN CATAPANO
(516) 488-2500

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D008	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
22	**JOHNS SOUTH BAY MOBIL** **755 S OYSTER BAY RD** **BETHPAGE, NY 11714**	**FINDS** **RCRIS-LQG**	**1000281333** **NYD981555360**

RCRIS:
Owner: JOHN SOUTH BAY MOBIL
(516) 681-2068

Contact:JOHN PARISI
(516) 681-2068

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D008	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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22	**MOBIL S/S #17-KKJ** **755 S OYSTER BAY RD** **BETHPAGE, NY**	**AST**	**A100042847** **N/A**

Nassau County AST:

Facility ID:	041111	Tank ID:	0008
Tank Location:	Indoors, Aboveground	Capacity (Gal):	300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, MOTOR		
Leak Detect:	ELECTRONIC	Containment:	DOUBLE WALL TANK
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0892
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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22	**MOBIL OIL** **755 SOUTH OYSTER BAY ROAD** **BETHPAGE, NY**	**LUST**	**S100781305** **N/A**

LUST:

Facility ID:	9309724	Spill Date:	11/11/1993
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	ON LAND	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	08/17/1994
Initiated clean up:	Not reported	Close Date:	08/17/1994
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

22	**MOBIL S/S #17-KKJ** **755 S OYSTER BAY RD** **BETHPAGE, NY**	**UST**	**U001445843** **N/A**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

MOBIL S/S #17-KKJ (Continued) U001445843

Nassau County UST:

Facility ID:	041111	Tank ID:	0006
Tank Location:	Indoors, Belowground	Capacity:	00001000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Other	Material Type:	Fresh/Product
Int Protection:	Internal Lining		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	OIL, FUEL #2		
Leak Detect:	ELECTRONIC	Containment:	Double Wall Tank
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0490
Total Tanks:	2		

Facility ID:	041111	Tank ID:	0007
Tank Location:	Indoors, Belowground	Capacity:	00001000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Double Walled Fiberglass	Material Type:	Waste
Int Protection:	Internal Lining		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	WASTE OIL		
Leak Detect:	ELECTRONIC	Containment:	Double Wall Tank
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0490
Total Tanks:	2		

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23 **197 NEWBRIDGE S/S CORP - GULF** **RCRIS-SQG** **1000457373**
197 OLD COUNTRY RD **FINDS** **NYD986925238**
HICKSVILLE, NY 11801

RCRIS:
Owner: CUMBERLAND FARMS INC
(212) 555-1212

Contact: RAYMOND FITZPATRICK
(516) 921-4300

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D008	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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24 **EPSTEINS RESIDENCE** **LUST** **S100151135**
46 KESWICK LANE **N/A**
PLAINVIEW, NY

EPSTEINS RESIDENCE (Continued) **S100151135**

LUST:

Facility ID:	9006009	Spill Date:	08/30/1990
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	08/31/1990
Initiated clean up:	Not reported	Close Date:	08/31/1990
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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25 **LILCO HICKSVILLE OP. CENTER** **PADS** **1000178398**
175 E OLD COUNTRY ROAD **CERCLIS** **NYD006866008**
HICKVILLE, NY 11801 **FINDS**
RCRIS-LQG
RCRIS-TSD
CORRACTS

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	NO
Ownership Status:	UNKNOWN	NPL Status:	NOT ON NPL
EPA Notes:	Not reported		

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	02/28/1989
Assessment:	PRELIMINARY ASSESSMENT	Completed:	03/31/1989

CERCLIS Site Status:
This site is currently under investigation by the government to assess the extent of further action

CERCLIS Alias Name(s):
LILCO HICKSVILLE OP. CENTER

CORRACTS Data:
Prioritization: Low
Status: RCRA Facility Investigation Completed, Corrective Action Process is Terminated

RCRIS:
Owner: LONG ISLAND LIGHTING COMPANY
(516) 933-4590

Contact: MILHOUS MADISON
(516) 391-6133

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D002	.00000 (N)	Notification	D009	.00000 (N)	Notification
F001	.00000 (N)	Notification	F004	.00000 (N)	Notification
F005	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

LILCO HICKSVILLE OP. CENTER (Continued) **1000178398**

There are 6 compliance/violation record(s) reported at this site:

Evaluation	Date	Violations
COMPLIANCE SCHEDULE EVALUATION (CSE)	07-JUN-95	YES
COMPLIANCE EVALUATION INSPECTION (CEI)	14-OCT-94	YES
COMPLIANCE EVALUATION INSPECTION (CEI)	17-DEC-93	YES
COMPLIANCE EVALUATION INSPECTION (CEI)	27-SEP-91	YES
NON-FINANCIAL RECORD REVIEW (NRR)	20-OCT-88	YES
NON-FINANCIAL RECORD REVIEW (NRR)	16-MAY-86	YES

Other Pertinent Environmental Activity Identified at Site:
civil judicial and administrative enforcement cases against facility
facility is a PCB generator, storer, transporter or permitted disposer

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26 **SLOMINS** **LUST** **S101340894**
92 E OLD COUNTRY RD **N/A**
HICKSVILLE, NY

LUST:

Facility ID:	9411611	Spill Date:	11/30/1994
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	12/01/1994
Initiated clean up:	Not reported	Close Date:	12/01/1994
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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27 **STRUCTURAL INDUSTRIES INC** **RCRIS-SQG** **1000554648**
96 NEW SOUTH RD **FINDS** **NYD986971216**
HICKSVILLE, NY 11801 **UST**
LUST

RCRIS:
Owner: STANLEY HIRSCH
(516) 822-5200

Contact: BARBARA MACCIO
(516) 822-5200

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D006	.00000 (N)	Notification	F003	.00000 (N)	Notification
F005	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

STRUCTURAL INDUSTRIES INC (Continued) **1000554648**

LUST:

Facility ID:	8906944	Spill Date:	10/15/1989
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	UNKNOWN	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMMINDUST
Resource affected:	IN SEWER	Notifier:	FIRE DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/16/1989
Initiated clean up:	Not reported	Close Date:	10/16/1989
Last Inspection:	Not reported	Investigator:	HOFMANN
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Facility ID:	9306676	Spill Date:	08/31/1993
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMMINDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	03/02/1995
Initiated clean up:	Not reported	Close Date:	03/02/1995
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Nassau County UST:

Facility ID:	056447	Tank ID:	0002
Tank Location:	Indoors, Belowground	Capacity:	00007500
Tank Status:	6	Tank Material:	STEEL
Piping Type:	Unknown	Material Type:	Fresh/Product
Int Protection:	Unknown		
Ext Protection:	UNKNOWN		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1255
Total Tanks:	1		

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28 **MERRY OLDS INC** **FINDS** **1000372483**
777 SOUTH OYSTER BAY ROAD **RCRIS-LQG** **NYD065956922**
BETHPAGE, NY 11714

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

MERRY OLDS INC (Continued) 1000372483

RCRIS:
Owner: JOSEPH FOX
(212) 555-1212
Contact: FRED GALLAGHER
(516) 435-7948

Waste	Quantity	Info Source
D000	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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28 **GRAND PRIX PERFORMANCE LT** AST A100043319
777 S OYSTER BAY RD N/A
BETHPAGE, NY

Nassau County AST:

Facility ID:	056860	Tank ID:	0001
Tank Location:	Indoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, MOTOR		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0795
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	056860	Tank ID:	0002
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	240
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	OIL, MOTOR		
Leak Detect:	OTHER	Containment:	DOUBLE WALL TANK
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0795
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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29 **INLAND PLASTICS** RCRIS-SQG 1000556202
120 NEW SOUTH RD FINDS NYD986987618
HICKSVILLE, NY 11802

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29 **SPEDALE PHOTOGRAPHERS** RCRIS-SQG 1000184614
110 NEW SOUTH RD FINDS NYD982794570
HICKSVILLE, NY 11801

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

SPEDALE PHOTOGRAPHERS (Continued) **1000184614**

RCRIS:
Owner: JULIUS SPEDALE
(212) 555-1212

Contact: JULIUS SPEDALE
(516) 681-0863

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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30 **FRANKIE D'S SERV STA** **AST** **A100043084**
1234 STEWART AVE **N/A**
BETHPAGE, NY

Nassau County AST:

Facility ID:	055584	Tank ID:	0006
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	250
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Galvanized Steel	Material Type:	Fresh/Product
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	DOUBLE WALL TANK
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	1292
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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31 **CORNICHE OF HICKSVILLE** **RCRIS-SQG** **1000315603**
285-4 S BROADWAY **FINDS** **NYD982717472**
HICKSVILLE, NY 11801

RCRIS:
Owner: HICKSVILLE CORNICHE INC
(212) 555-1212

Contact: HI EUN SHON
(516) 935-9525

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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32 **HICKSVILLE FIRESTONE** **FINDS** **1000272865**
300 S BROADWAY **RCRIS-LQG** **NYD012729554**
HICKSVILLE, NY 11801 **LUST**
AST

HICKSVILLE FIRESTONE (Continued) **1000272865**

RCRIS:
Owner: CLIFF FRIETAG
(212) 555-1212

Contact: RICHARD ORELLI
(516) 931-0170

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D008	.00000 (N)	Notification
NONE	.00000 (N)	EPA Inspection			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

LUST:

Facility ID:	9010583	Spill Date:	01/02/1991
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	02/14/1992
Initiated clean up:	Not reported	Close Date:	02/14/1992
Last Inspection:	Not reported	Investigator:	WALSH
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Nassau County AST:

Facility ID:	055305	Tank ID:	0003
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	220
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0591
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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32 **ABBEY RENT ALL** **LUST** **S100668658**
301 S BROADWAY **AST** **N/A**
HICKSVILLE, NY

ABBEY RENT ALL (Continued) **S100668658**

LUST:

Facility ID:	8903512	Spill Date:	07/07/1989
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	ON LAND	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	02/13/1990
Initiated clean up:	Not reported	Close Date:	02/13/1990
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Nassau County AST:

Facility ID:	055255	Tank ID:	0003
Tank Location:	Indoors, Aboveground	Capacity (Gal):	220
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Gravity	Install Date:	0394
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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33 **COMMANDER** **LUST** **S101103113**
53 LAWNVIEW AVE **N/A**
HICKSVILLE, NY

LUST:

Facility ID:	9403227	Spill Date:	06/06/1994
First notified:	C	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	06/07/1994
Initiated clean up:	Not reported	Close Date:	06/07/1994
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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34 **TERRY SULLIVAN** **LUST** **S100147563**
355 S BROADWAY **N/A**
HICKSVILLE, NY

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

TERRY SULLIVAN (Continued) S100147563

LUST:

Facility ID:	8809382	Spill Date:	03/05/1989
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	10.00 GALLONS
Water body affected:	Not reported	Origin:	PASSENGER VEHICLE
Resource affected:	ON LAND	Notifier:	FIRE DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	03/06/1989
Initiated clean up:	Not reported	Close Date:	03/06/1989
Last Inspection:	Not reported	Investigator:	NCFM
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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34 **HIP - EAST NASSAU REGION** **RCRIS-SQG** 1000790857
350 S BROADWAY **FINDS** NYD987023462
HICKSVILLE, NY 11801

RCRIS:
Owner: HIP OF GREATER NEW YORK
(212) 630-5000

Contact: GEORGE MARLO
(516) 938-0100

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D002	.00000 (N)	Notification
D009	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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34 **DR. CHTRUVANTY** **LUST** S100667550
350 S BROADWAY N/A
HICKSVILLE, NY

LUST:

Facility ID:	8806012	Spill Date:	10/15/1988
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	4.00 GALLONS
Water body affected:	Not reported	Origin:	PASSENGER VEHICLE
Resource affected:	ON LAND	Notifier:	FIRE DEPARTMENT
Basin of spill:	1700	Project ID:	99222
Cleaner:	DEC - PIN PROJECT	Date Cleaned:	10/18/1988
Initiated clean up:	Not reported	Close Date:	10/18/1988
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
35	**NARDA MICROWAVE CORP** **75 COMMERCIAL ST** **HICKSVILLE, NY 11801**	**FINDS**	**1000789577** **NYD987010386**

Other Pertinent Environmental Activity Identified at Site:
facility has active water discharge permits

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36 **IMPRESSIVE IMAGE INC** — **FINDS** **1000553036**; **RCRIS-LQG** **NYD986954451**
9 COMMERCIAL ST
HICKSVILLE, NY 11801

RCRIS:
Owner: ROBERT M RUSIE
(516) 931-0142

Contact: CELIA CERLINI
(516) 931-0142

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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36 **BIDCO MANUFACTURING CORP** — **RCRIS-SQG** **1000790592**; **FINDS** **NYD987020773**
8 COMMERCIAL ST
HICKSVILLE, NY 11801

RCRIS:
Owner: BIDCO MANUFACTURING CORP
(516) 433-0740

Contact: HARVEY BIDNER
(516) 433-0740

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D011	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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36 **MERCURY LIGHTING CORP** — **RCRIS-SQG** **1000981464**; **FINDS** **NY0001000082**
10 COMMERCIAL ST
HICKSVILLE, NY 11801

RCRIS:
Owner: MERCURY LIGHTING CORP
(215) 575-2390

Contact: KENNETH JONES
(215) 575-2390

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	F001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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36 **AETNA PRODUCTS** — **RCRIS-SQG** **1000553354**; **FINDS** **NYD986957702**
11 COMMERCIAL ST
HICKSVILLE, NY 11801

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

AETNA PRODUCTS (Continued) **1000553354**

RCRIS:
Owner: FORE IMPROVEMENT CORP
(516) 935-8383

Contact: PAUL MEYER
(516) 938-8100

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
U226	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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37 **DEXTER MAGNETIC MATERIALS DIV** **RCRIS-SQG** **1000552702**
400 KARIN LN **FINDS** **NYD986951077**
HICKSVILLE, NY 11801

RCRIS:
Owner: DEXTER CORP
(408) 730-0611

Contact: ROY YOST
(516) 822-3311

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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38 **BONANZA FABRIC CO** **LUST** **S100668624**
35 KARIN LN **N/A**
HICKSVILLE, NY

LUST:

Facility ID:	8800192	Spill Date:	04/06/1988
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	GROUNDWATER	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	05/16/1988
Initiated clean up:	Not reported	Close Date:	05/16/1988
Last Inspection:	Not reported	Investigator:	NCDH
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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39 **RESIDENCE** **LUST** **S100560263**
89 SILVBER AVE **N/A**
BETHPAGE, NY

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

RESIDENCE (Continued) **S100560263**

LUST:

Facility ID:	9306397	Spill Date:	08/24/1993
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	6.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	AFFECTED PERSONS
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	08/26/1993
Initiated clean up:	Not reported	Close Date:	08/26/1993
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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40 **PAG INSULATION** **FINDS** **1000551083**
44 FELICE CRESCENT **NYD986920239**
HICKSVILLE, NY 11801

Other Pertinent Environmental Activity Identified at Site:
facility has an emission permit under the Clean Air Act
civil judicial and administrative enforcement cases against facility

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41 **THALL SVC STATION CORP.** **FINDS** **1000288210**
400 S. BROADWAY **RCRIS-LQG** **NYD055950935**
HICKSVILLE, NY 11801

RCRIS:
Owner: ROBERT L. THALL
(212) 555-1212

Contact: STEVEN THALL
(516) 433-3043

Waste	Quantity	Info Source
D000	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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41 **PACE FUEL CO** **LUST** **S100148922**
400 S BROADWAY **N/A**
HICKSVILLE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

PACE FUEL CO (Continued) **S100148922**

LUST:

Facility ID:	8702695	Spill Date:	07/03/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	25.00 GALLONS
Water body affected:	Not reported	Origin:	TANK TRUCK
Resource affected:	ON LAND	Notifier:	LOCAL AGENCY
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/03/1987
Initiated clean up:	Not reported	Close Date:	07/03/1987
Last Inspection:	Not reported	Investigator:	ACAMPORA
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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41 **SUNOCO-BOB THALL** **FINDS** **1000332080**
400 SOUTH BROADWAY **RCRIS-LQG** **NYD981492036**
HICKSVILLE, NY 11801

RCRIS:
Owner: BOB THALL
(212) 555-1212
Contact: BOB THALL
(516) 433-3043

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D008	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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42 **GENERAL ELECTRIC SUPPLY CO.** **RCRIS-LQG** **1000212460**
848 S. OYSTER BAY ROAD **NYD060317831**
HICKSVILLE, NY 11801

RCRIS:
Owner: GENERAL ELECTRIC
(212) 555-1212
Contact: JOSEPH HAYDEN
(516) 931-1890

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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42 **GENERAL ELECTRIC COMPAMY INC** **FINDS** **1000788076**
848 S OYSTER BAY RD **NYD060317831**
HICKSVILLE, NY 11802

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

43 **R & J CLEANERS**
447 S BROADWAY
HICKSVILLE, NY 11801

Database(s): **RCRIS-SQG, FINDS** | EDR ID Number: **1000912055** | EPA ID Number: **NY0000385393**

RCRIS:
Owner: KUAN-CHIEH PENG
(516) 938-6187

Contact: KUAN-CHIEH PENG
(516) 939-0776

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D007	.00000 (N)	Notification	D039	.00000 (N)	Notification
F002	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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44 **LARRY NALLIA RESIDENCE**
78 SPRUCE AVENUE
BETHPAGE, NY

Database(s): **LUST** | EDR ID Number: **S100664934** | EPA ID Number: **N/A**

LUST:

Facility ID:	9210656	Spill Date:	12/14/1992
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	02/12/1993
Initiated clean up:	Not reported	Close Date:	02/12/1993
Last Inspection:	Not reported	Investigator:	GIBBONS
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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45 **UNK CUSTOMER**
502 S BROADWAY
HICKSVILLE, NY

Database(s): **LUST** | EDR ID Number: **S100493879** | EPA ID Number: **N/A**

LUST:

Facility ID:	9205657	Spill Date:	08/15/1992
First notified:	C	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	4.00 GALLONS
Water body affected:	Not reported	Origin:	PASSENGER VEHICLE
Resource affected:	ON LAND	Notifier:	AFFECTED PERSONS
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	08/17/1992
Initiated clean up:	Not reported	Close Date:	08/17/1992
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
45	**GRAND PRIX PERFORMANCE LTD** **500 S BROADWAY** **HICKSVILLE, NY 11801**	**RCRIS-SQG** **FINDS**	**1000791026** **NYD987025251**

RCRIS:
Owner: JOHN DEMONACO
(516) 931-2942

Contact: STEVE SCHERER
(516) 822-1550

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	D008	.00000 (N)	Notification
D018	.00000 (N)	Notification	D039	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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45	**GRAND JEEP EAGLE DEALERSHIP** **500 BROADWAY** **HICKSVILLE, NY 11801**	**FINDS** **RCRIS-LQG**	**1000791734** **NYD987032521**

RCRIS:
Owner: ANN DEMONACO
(516) 931-2942

Contact: ANN DEMONACO
(516) 931-2942

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D006	.00000 (N)	Notification
D008	.00000 (N)	Notification	D009	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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45	**HESS S/S** **502 S BROADWAY** **HICKSVILLE, NY**	**LUST**	**S100493287** **N/A**

LUST:

Facility ID:	9113034	Spill Date:	03/24/1992
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	GROUNDWATER	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	05/20/1992
Initiated clean up:	Not reported	Close Date:	05/20/1992
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

45	**HESS** **502 S BROADWAY** **HICKSVILLE, NY**	**LUST**	**S101174774** **N/A**

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

HESS (Continued) **S101174774**

LUST:

Facility ID:	9404252	Spill Date:	06/27/1994
First notified:	C	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	RMS CAMPBELL
UST Trust Fund:	Yes		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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45 **AMERADA HESS STATION 32489** **RCRIS-SQG 1000789578**
502 S BROADWAY **FINDS NYD987010394**
HICKSVILLE, NY 11801

RCRIS:
Owner: AMERADA HESS CORP
(908) 750-6000

Contact: THOMAS WHITTAKER
(908) 750-6225

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D018	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Other Pertinent Environmental Activity Identified at Site:
facility has active water discharge permits

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45 **GRAND PRIX PERFORMANCE** **AST** **A100042981**
500 S BROADWAY **N/A**
HICKSVILLE, NY

Nassau County AST:

Facility ID:	055208	Tank ID:	0004
Tank Location:	Indoors, Aboveground	Capacity (Gal):	240
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	OTHER		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, MOTOR		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0676
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRAND PRIX PERFORMANCE (Continued) **A100042981**

Facility ID:	055208	Tank ID:	0005
Tank Location:	Indoors, Aboveground	Capacity (Gal):	240
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Gravity	Install Date:	0491
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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45 **JOHN HENRYS CLEANERS** **FINDS** **1000305180**
495-30 SOUTH BROADWAY **RCRIS-LQG** **NYD982182057**
HICKSVILLE, NY 11801

RCRIS:
Owner: GROSSE HENRY
(212) 555-1212

Contact: HENRY GROSSE
(516) 935-7650

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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45 **TRW MEDIAL ELECTRONIC CORP** **FINDS** **1000123895**
485-29 S BROADWAY **RCRIS-LQG** **NYD986872984**
HICKSVILLE, NY 11801

RCRIS:
Owner: DIVISION OF TRW
(212) 555-1212

Contact: NICK OSTER
(516) 932-8700

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	NONE	.00000 (N)	EPA Inspection

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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45 **SALS AUTO BODY** **RCRIS-SQG** **1000373491**
477 S BROADWAY **FINDS** **NYD986894939**
HICKSVILLE, NY 11801

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

SALS AUTO BODY (Continued) 1000373491

RCRIS:
Owner: LOU SEPLAVY
(212) 555-1212

Contact: DANIEL RYAN
(516) 681-6644

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	F005	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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46 **RONZONI FOODS CORPORATION** RCRIS-SQG 1000212440
50 LUDY ST FINDS NYD152084372
HICKSVILLE, NY 11801

RCRIS:
Owner: PHILIP MORRIS
(212) 555-1212

Contact: ANTHONY BELVIGLIO
(516) 932-2700

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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46 **TRIPLE J.V.C. AUTO COLLISION, INC** RCRIS-SQG 1000347932
55 LUDY ST FINDS NYD982730178
HICKSVILLE, NY 11801

RCRIS:
Owner: JOHN COTONA
(212) 555-1212

Contact: JOHN COTONA
(516) 939-0020

Waste	Quantity	Info Source	Waste	Quantity	Info Source
F003	.00000 (N)	Notification	F005	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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46 **GRUMMAN AEROSPACE CORP** FINDS 1000300850
83 LUDY ST RCRIS-LQG NYD981182231
HICKSVILLE, NY 11714

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN AEROSPACE CORP (Continued) **1000300850**

RCRIS:
Owner: INDUSTRIAL REALTY CO
(212) 555-1212

Contact: JOHN OHLMANN
(516) 575-2385

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	F001	.00000 (N)	Notification
F003	.00000 (N)	Notification	F005	.00000 (N)	Notification
NONE	.00000 (N)	EPA Inspection			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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47 **HENRY SOLUK OWNER** **LUST** **S100491897**
30 FLORAL AVENUE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9208514	Spill Date:	10/23/1992
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	200.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	04/27/1994
Initiated clean up:	Not reported	Close Date:	04/27/1994
Last Inspection:	Not reported	Investigator:	GIBBONS
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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48 **SHELL OIL CO** **FINDS** **1000552235**
STEWART & FARMERS **RCRIS-LQG** **NYD986946309**
BETHPAGE, NY 11714 **LUST**

RCRIS:
Owner: JOHN N LOONEY
(212) 555-1212

Contact: BROOKS PERLEE
(516) 942-4121

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D008	.00000 (N)	Notification	D027	.00000 (N)	Notification
F001	.00000 (N)	Notification	F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

SHELL OIL CO (Continued) **1000552235**

LUST:

Facility ID:	8709242	Spill Date:	01/29/1988
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	04/06/1988
Initiated clean up:	Not reported	Close Date:	04/06/1988
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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48 **SHELL GAS STATION** **LUST** **S100781107**
STEWART AVE / FARMERS AVE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9308447	Spill Date:	10/12/1993
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	Yes		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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48 **A & D SHELL** **UST** **U001854915**
STEWART & FARMERS AVENUES **N/A**
BETHPAGE, NY

Nassau County UST:

Facility ID:	041021	Tank ID:	0004
Tank Location:	Indoors, Belowground	Capacity:	00000550
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Galvanized Steel	Material Type:	Waste
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	WASTE OIL		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0883
Total Tanks:	2		

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

A & D SHELL (Continued) **U001854915**

Facility ID:	041021	Tank ID:	0005
Tank Location:	Indoors, Belowground	Capacity:	00000550
Tank Status:	6	Tank Material:	STEEL
Piping Type:	Other	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0162
Total Tanks:	2		

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49 **PLAZA PONTIAC** LUST S100669241
27 LUDY ST N/A
HICKSVILLE, NY

LUST:

Facility ID:	9002820	Spill Date:	06/08/1990
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/11/1990
Initiated clean up:	Not reported	Close Date:	07/11/1990
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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50 **BROADWAY PLAZA CLEANERS** RCRIS-SQG 1000145670
532 S BROADWAY FINDS NYD094822673
HICKSVILLE, NY 11801

RCRIS:
Owner: BROADWAY PLAZA CLEANERS
(212) 555-1212
Contact: LUCKY CHOI
(516) 433-4707

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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51 **LILCO** LUST S101508040
EVERGREEN / SPRUCE AVE N/A
BETHPAGE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

LILCO (Continued) **S101508040**

LUST:

Facility ID:	9415203	Spill Date:	02/20/1995
First notified:	C	Material class:	PETROLEUM
Material spilled:	NON-PCB OIL	Release QTY:	40.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	LAMANNO
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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52 **COLONIAL TRANSPARENT PDTS CO** **FINDS** **1000545961**
870 S OYSTER BAY RD **NYD001339621**
HICKSVILLE, NY 11801

Other Pertinent Environmental Activity Identified at Site:
facility has an emission permit under the Clean Air Act
civil judicial and administrative enforcement cases against facility

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53 **RUCO POLYMER CORP. (HOOKER CHEM)** **SHWS** **S101008268**
NEW SOUTH ROAD **N/A**
HICKSVILLE, NY 11801

RUCO POLYMER CORP. (HOOKER CHEM) (Continued) **S101008268**

SHWS:

Facility ID:	130004	EPA ID:	NYD002920312
Owner:	Ruco Polymer Corp. New South Road Hicksville, NY 11802		
Owner Telephone:	Not reported		
Operator:	Not reported Not reported Not reported		
Contact:	Not reported	Telephone	Not reported
Site Classification:	Significant threat to the public health or environment - action required.		
Region:	1		
Site Type:	Lagoon		
Acres:	15	User:	Hooker Chemicals
HW Started:	1946	HW Ended:	late 70's
HW Disposed:	Plant #1 Ester Sump: Residual organics., 2 Ethylhexanol, alcohols, diethylene glycol,, ethylene glycol, plasticizer, adipic acid,, polyester, Plant #2 polmyer solids, PCBs (BOO7) (FOO2)., Vinyl Chloride, trichloroethylene, vinyl acetate		
Units:	Residuals from, drying beds		
Air Data:	Unavailable	Surf. Water Data:	Unavailable
Grnd. Water Data:	Available	Soil Data:	Available
Sediment Data:	Unavailable		
Ground Water Standards Contravention:		Yes	
Drinking Water Standards Contravention:		No	
Surface Water Standards Contravention:		No	
Air Standards Contravention:		No	
Enforcement Status:	Negotiation In Progress	Legal Action:	No
State Action:	No	Fed Action:	Yes
Remedial Action:	In Progress		
Rmdl Action Type:	Off-site GW Invest.and on-site remedial design.		
Soil Type:	Sand & Gravel		
Grnd Water Depth:	50 feet		

Assessment of Environmental Problems:

Groundwater adjacent to site has been documented to contain vinylchloride. Three inactive lagoons were filled with waste and covered.Soil and groundwater have been found to be contaminated with vinylchloride and other chlorinated hydrocarbons.

Assessment of Health Problems:

The potential exposure to site contaminants is through off-sitemigration of contaminated groundwater. Bethpage Water District supplywells are located down-gradient of this site and the Grumman and Navysites (see site #130003a and 130003b). Samples of water from the wellsat Bethpage Water District Plants 4 and 6 are contaminated. A watertreatment system is in operation at Plant 6 and one is planned for Plant4. Trichloroethene was detected for the first time and atconcentrations below New York State drinking water standards in samplescollected from the wells at Plant 4 in December 1992. A treatmentfacility is planned for Bethpage Water District Plant 5 in anticipationthat contamination will reach this facility in the future. These, aswell as all public water supply wells are monitored on a routine basis.In 1993, the US EPA issued a Record of Decision which describes theremedial efforts planned for the on-site contamination. Efforts toaddress concerns with off-site groundwater contamination are underway.

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
53	**RUCO POLYMER CORP.** **NEW SOUTH ROAD** **HICKSVILLE, NY 11801**	**CERCLIS** **RCRIS-SQG** **NPL** **TRIS** **CORRACTS** **LUST**	**1000268848** **NYD002920312**

CERCLIS Classification Data:

Site Incident Category:	CHEMICAL PLANT	Federal Facility:	NO
Ownership Status:	PRIVATE	NPL Status:	CURRENTLY ON THE FINAL NPL
EPA Notes:	THE HOOKER/RUCO SITE IS AN ACTIVE PLASTICS MANUFACTURING FACILITY. RCRA: SMALL GENERATOR.		

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	11/01/1979
Assessment:	PRELIMINARY ASSESSMENT	Completed:	09/01/1984
Assessment:	SCREENING SITE INSPECTION	Completed:	10/01/1984
Assessment:	FINAL LISTING ON NPL	Completed:	06/10/1986
Assessment:	PROPOSAL TO NPL	Completed:	10/15/1984
Assessment:	RMVL INVESTIGATION AT NPL	Completed:	08/21/1990
Assessment:	RMVL INVESTIGATION AT NPL	Completed:	02/03/1993
Assessment:	COMBINED RI/FS	Completed:	09/21/1988
Assessment:	REMEDIAL COMMUNITY RELATIONS	Completed:	Not reported
Assessment:	RI/FS WORKPLAN APPROVAL BY HQ	Completed:	09/21/1988
Assessment:	RECORD OF DECISION	Completed:	01/28/1994
Assessment:	COMBINED RI/FS	Completed:	01/28/1994
Assessment:	ADMINISTRATIVE RECORD	Completed:	Not reported
Assessment:	MANAGEMENT ASSISTANCE	Completed:	Not reported
Assessment:	COMBINED RI/FS	Completed:	09/28/1990
Assessment:	RECORD OF DECISION	Completed:	09/28/1990
Assessment:	ADMINISTRATIVE RECORD	Completed:	Not reported
Assessment:	COMBINED RI/FS	Completed:	Not reported
Assessment:	RECORD OF DECISION	Completed:	Not reported

CERCLIS Site Status:

This site is currently under investigation by the government to assess the extent of further action

CERCLIS Alias Name(s):

RUCO POLYMER CORP
HOOKER CHEM /RUCO POLYMER

CORRACTS Data:

Prioritization:	High
Status:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

RUCO POLYMER CORP. (Continued) **1000268848**

NPL:

ID:	02NY052
Date Listed:	6/10/86 (FINAL)
EPA/ID:	NYD002920312
Haz. Rank Score:	41.60
Status:	LISTED ON NPL
Rank:	451
Group:	10
Ownership:	Private
Permit:	Air
Permit:	NPDES
Site Activities:	Chemical Process/Manuf.
Site Activities:	Incinerator
Site Activities:	Spill
Site Activities:	Tank, above ground
Site Activities:	Containers/Drums
Site Activities:	Surface Impoundment
Site Activities:	Tank, below ground
Site Condition:	Contamination of Soil
Site Condition:	Contam. Ground Water
Waste Type:	Chlorinated Organics
Waste Type:	Solvents

Contaminant:	Media Affected:
VINYL CHLORIDE	Not reported
1,1,2-TRICHLOROETHYLENE (TCE)	Not reported
TETRACHLOROETHENE	Not reported
PHENOL	Not reported
1,2-TRANS-DICHLOROETHYLENE	Not reported
1,1,1-TRICHLOROETHANE	Not reported
VINYL ACETATE	Not reported
STYRENE	Not reported
BUTADIENE	Not reported
ADIPIC ACID	Not reported
METHANOL	Not reported
PHTHALIC ACID	Not reported
METHYL ETHYL KETONE	Not reported
PENTACHLOROPHENOL (PCP)	Not reported
ZINC SULFATE	Not reported

Distance to nearest Population:	Not reported
Population within a 1 Mile Radius:	Not reported
Population within a 2 Mile Radius:	Not reported
Population within a 4 Mile Radius:	Not reported
Vertical Distance to Aquifer:	21 Feet to 75 Feet
Ground Water Use:	Not Used as Drinking Water, Alternative Source Available
Distance to nearest Surface Water:	Not reported

RUCO POLYMER CORP. (Continued) **1000268848**

RCRIS:
Owner: HOOKER CHEMICALS & PLASTICS CORPORATION
(516) 931-8100

Contact: PHILIP DEVRIES
(516) 931-8100

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D002	.00000 (N)	Notification	F001	.00000 (N)	Notification
F003	.00000 (N)	Notification	F005	.00000 (N)	Notification
U002	.00000 (N)	Notification	U028	.00000 (N)	Notification
U044	.00000 (N)	Notification	U112	.00000 (N)	Notification
U122	.00000 (N)	Notification	U140	.00000 (N)	Notification
U147	.00000 (N)	Notification	U154	.00000 (N)	Notification
U159	.00000 (N)	Notification	U190	.00000 (N)	Notification
U196	.00000 (N)	Notification	U210	.00000 (N)	Notification
U213	.00000 (N)	Notification	U220	.00000 (N)	Notification
U223	.00000 (N)	Notification	U226	.00000 (N)	Notification
U239	.00000 (N)	Notification	D001	.00100 (P)	Part A
D002	.00100 (P)	Part A	F001	399.64800 (P)	Part A
F003	399.64800 (P)	Part A	F005	399.64800 (P)	Part A
U002	399.64800 (P)	Part A	U028	22.68000 (M)	Part A
U044	49.95600 (P)	Part A	U112	.00100 (P)	Part A
U122	.00100 (P)	Part A	U140	1.81400 (M)	Part A
U147	999.11900 (P)	Part A	U154	.00100 (P)	Part A
U159	399.64800 (P)	Part A	U190	999.11900 (P)	Part A
U196	399.64800 (P)	Part A	U210	399.64800 (P)	Part A
U213	399.64800 (P)	Part A	U220	.00100 (P)	Part A
U223	399.64800 (P)	Part A	U226	49.95600 (P)	Part A
U239	.00100 (P)	Part A			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

LUST:

Facility ID:	8804415	Spill Date:	08/18/1988
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	02/19/1992
Initiated clean up:	Not reported	Close Date:	02/19/1992
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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54 **SALVATI FOODS, INC.** **UST** **U002171762**
595 S BROADWAY **N/A**
HICKSVILLE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

SALVATI FOODS, INC. (Continued) U002171762

Nassau County UST:

Facility ID:	056844	Tank ID:	0001
Tank Location:	Indoors, Belowground	Capacity:	00005000
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	NONE		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Gravity	Product Gauge:	Yes
Fill Type:	Gravity	Install Date:	0472
Total Tanks:	1		

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54 **SHAMROCK AUTO CENTER INC** RCRIS-SQG 1000553993
589 S BROADWAY FINDS NYD986964310
HICKSVILLE, NY 11801

RCRIS:
Owner: SHAMROCK AUTO CENTER INC
(516) 931-3323
Contact: JOE DIGREGORIO
(516) 931-3323

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D008	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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54 **AMERADA HESS OIL** RCRIS-SQG 1000352827
575 S BROADWAY NYD982536146
HICKSVILLE, NY 11801

RCRIS:
Owner: AMERADA HESS OIL
(212) 555-1212
Contact: JOE AOMEIDA
(800) 336-1342

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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54 **AMERADA HESS OIL** FINDS 1000788600
575 S BROADWAY NYD982536146
HICKSVILLE, NY 11801

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55 **HICKSVILLE DEPT OF PUBLIC WORKS** FINDS 1000272870
NEW SOUTH RD & MORRIS ST RCRIS-LQG NYD982789737
HICKSVILLE, NY 11801

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
56	**MCALOON RESIDENCE** **9 MINEOLA AVE** **HICKSVILLE, NY**	**LUST**	**S100667787** **N/A**

LUST:

Facility ID:	9203887	Spill Date:	07/03/1992
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/03/1992
Initiated clean up:	Not reported	Close Date:	07/03/1992
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

57	**GABRIELLI TRUCK SALES LTD** **880 S OYSTER BAY RD** **HICKSVILLE, NY**	**AST**	**A100043317** **N/A**

Nassau County AST:

Facility ID:	056827	Tank ID:	0002
Tank Location:	Indoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Unknown		
Ext Protection:	UNKNOWN		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1255
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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57	**MINEOLA MACK INC** **880 S OYSTER BAY RD** **HICKSVILLE, NY 11801**	**RCRIS-SQG** **FINDS** **LUST**	**1000209178** **NYD012730743**

RCRIS:

Owner: AMEDEO GABRIELLI
(212) 555-1212

Contact: AMEDEO GABRIELLI
(516) 981-7915

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

MINEOLA MACK INC (Continued) 1000209178

LUST:

Facility ID:	9304746	Spill Date:	07/15/1993
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	DIESEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	05/05/1994
Initiated clean up:	Not reported	Close Date:	05/05/1994
Last Inspection:	Not reported	Investigator:	CAMPBELL
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Facility ID:	9304764	Spill Date:	07/15/1993
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	DIESEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	04/29/1994
Initiated clean up:	Not reported	Close Date:	04/29/1994
Last Inspection:	Not reported	Investigator:	CAMPBELL
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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58 **LINDA SCHWARZ** LUST S100148382
12 FARM LN N/A
HICKSVILLE, NY

LUST:

Facility ID:	8911923	Spill Date:	03/13/1990
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	100.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	03/16/1990
Initiated clean up:	Not reported	Close Date:	03/16/1990
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
59	**WALTER HOFFMANN** **22 LINDEN BLVD** **HICKSVILLE, NY**	**LUST**	**S100148916** **N/A**

LUST:

Facility ID:	8702517	Spill Date:	06/28/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	100.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	08/19/1987
Initiated clean up:	Not reported	Close Date:	08/19/1987
Last Inspection:	Not reported	Investigator:	WALEK
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

60	**BETHPAGE METRO** **900 STEWART AVE** **BETHPAGE, NY**	**AST**	**A100043048** **N/A**

Nassau County AST:

Facility ID:	055456	Tank ID:	0001
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Galvanized Steel	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1085
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

60	**METRO S/S** **900 STEWART AVENUE** **BETHPAGE, NY**	**LUST**	**S100172052** **N/A**

LUST:

Facility ID:	8708438	Spill Date:	12/31/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	GROUNDWATER	Notifier:	OTHER
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	01/14/1988
Initiated clean up:	Not reported	Close Date:	01/14/1988
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID / Direction / Distance	Site	Database(s)	EDR ID Number / EPA ID Number

METRO S/S (Continued) — **S100172052**

Facility ID:	9506133	Spill Date:	08/17/1995
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	ON LAND	Notifier:	DEC
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	MATTHEWS
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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61 **SHUMSKI RESIDENCE** — **LUST** — **S100148303**
8 SILBER AVENUE — **N/A**
BETHPAGE, NY

LUST:

Facility ID:	8910897	Spill Date:	02/14/1990
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	GROUNDWATER	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/30/1990
Initiated clean up:	Not reported	Close Date:	10/30/1990
Last Inspection:	Not reported	Investigator:	GOMEZ
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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62 **HICKSVILLE WATER AUTHORIT** — **LUST** — **S100150043**
4 DEAN ST — **N/A**
HICKSVILLE, NY

HICKSVILLE WATER AUTHORIT (Continued) **S100150043**

LUST:

Facility ID:	8805214	Spill Date:	09/16/1988
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/24/1994
Initiated clean up:	Not reported	Close Date:	10/24/1994
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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62 **HICKSVILLE W.D. PLANT 8** **UST** **U002097372**
4 DEAN ST **AST** **N/A**
HICKSVILLE, NY

Nassau County UST:

Facility ID:	001160	Tank ID:	0003
Tank Location:	Indoors, Belowground	Capacity:	00004000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Int Protection:	Internal Lining		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	SODIUM HYDROXIDE		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0176
Total Tanks:	2		

Facility ID:	001160	Tank ID:	0004
Tank Location:	Indoors, Belowground	Capacity:	00004000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Int Protection:	Internal Lining		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	SODIUM HYDROXIDE		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0176
Total Tanks:	2		

Map ID / Direction / Distance	Site	Database(s)	EDR ID Number / EPA ID Number

HICKSVILLE W.D. PLANT 8 (Continued) — **U002097372**

Nassau County AST:

Facility ID:	001160	Tank ID:	0006
Tank Location:	Indoors, Aboveground	Capacity (Gal):	300
Tank Status:	In Service	Tank Material:	PLASTIC
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SODIUM HYPOCHLORITE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0491
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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63 **KING BEAR AUTO SERVICE CENTER** — **FINDS** **1000231520**
735 SOUTH BROADWAY — **RCRIS-LQG** **NYD981563513**
HICKSVILLE, NY 11801

RCRIS:
Owner: SMD ENTERPRISES, INC.
(212) 555-1212

Contact: SY DIAMOND
(516) 931-9714

Waste	Quantity	Info Source
X001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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63 **KING BEAR** — **AST** **A100043336**
735 S BROADWAY — **N/A**
HICKSVILLE, NY

Nassau County AST:

Facility ID:	056949	Tank ID:	0001
Tank Location:	Indoors, Aboveground	Capacity (Gal):	240
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, MOTOR		
Leak Detect:	OTHER	Containment:	DOUBLE WALL TANK
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0891
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	056949	Tank ID:	0002
Tank Location:	Indoors, Aboveground	Capacity (Gal):	240
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, MOTOR		
Leak Detect:	OTHER	Containment:	DOUBLE WALL TANK
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0891
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
64	**NEW YORK TELEPHONE ROOM 300** **920 SOUTH OYSTER BAY ROAD** **BETHPAGE, NY 11714**	**FINDS** **RCRIS-LQG**	**1000136892** **NYD982185712**

65 GRUMMAN AEROSPACE CORP. — **UST** **U001854670**
STEWART AVE. — **AST** **N/A**
BETHPAGE, NY

Nassau County UST:

Facility ID:	000001	Tank ID:	0372
Tank Location:	Indoors, Belowground	Capacity:	00010500
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Other	Material Type:	Fresh/Product
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Description:	NITRIC & HYDROFLUORIC ACID MIX		
Leak Detect:	OTHER	Containment:	Diking
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0169
Total Tanks:	18		

Facility ID:	000001	Tank ID:	1092
Tank Location:	Indoors, Belowground	Capacity:	00005000
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Steel/Iron	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	DYES/PIGMENTS, N.O.S.		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0175
Total Tanks:	18		

Facility ID:	000001	Tank ID:	1093
Tank Location:	Indoors, Belowground	Capacity:	00005000
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Steel/Iron	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	DYES/PIGMENTS, N.O.S.		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0175
Total Tanks:	18		

Facility ID:	000001	Tank ID:	1196
Tank Location:	Indoors, Belowground	Capacity:	00002000
Tank Status:	6	Tank Material:	OTHER
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	ACIDS, NOS		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0164
Total Tanks:	18		

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1403
Tank Location:	Indoors, Belowground	Capacity:	00003000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Galvanized Steel	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	OTHER	Containment:	Double Wall Tank
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Total Tanks:	18		

Facility ID:	000001	Tank ID:	1404
Tank Location:	Indoors, Belowground	Capacity:	00002500
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Galvanized Steel	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	OTHER	Containment:	Double Wall Tank
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Total Tanks:	18		

Facility ID:	000001	Tank ID:	2013
Tank Location:	Indoors, Belowground	Capacity:	00000550
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Wrapped Steel	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	WASTE OIL		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Gravity	Install Date:	0182
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9301
Tank Location:	Indoors, Belowground	Capacity:	00065000
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	TANK, WASTE TREATMENT		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0172
Total Tanks:	18		

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9302
Tank Location:	Indoors, Belowground	Capacity:	00040000
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	TANK, WASTE TREATMENT		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0172
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9304
Tank Location:	Indoors, Belowground	Capacity:	00065000
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	TANK, WASTE TREATMENT		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0172
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9305
Tank Location:	Indoors, Belowground	Capacity:	00103000
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Other	Material Type:	Waste
Int Protection:	Other		
Ext Protection:	NONE		
Description:	TANK, WASTE TREATMENT		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0184
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9306
Tank Location:	Indoors, Belowground	Capacity:	00011770
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	TANK, WASTE TREATMENT		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0184
Total Tanks:	18		

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9308
Tank Location:	Indoors, Belowground	Capacity:	00003300
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	TANK, WASTE TREATMENT		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9328
Tank Location:	Indoors, Belowground	Capacity:	00011800
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	INORGANICS, MISC		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0184
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9331
Tank Location:	Indoors, Belowground	Capacity:	00011800
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Other	Material Type:	Waste
Int Protection:	None		
Ext Protection:	NONE		
Description:	FLUORIDE		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9337
Tank Location:	Indoors, Belowground	Capacity:	00010000
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Steel/Iron	Material Type:	Waste
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Description:	SLUDGE, NOS		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	1284
Total Tanks:	18		

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9338
Tank Location:	Indoors, Belowground	Capacity:	00010000
Tank Status:	In Service	Tank Material:	CONCRETE
Piping Type:	Steel/Iron	Material Type:	Waste
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Description:	SLUDGE, NOS		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	1284
Total Tanks:	18		

Facility ID:	000001	Tank ID:	9339
Tank Location:	Indoors, Belowground	Capacity:	00010000
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Double Walled Fiberglass	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	CATHODIC PROTECTION		
Description:	OIL, FUEL #2		
Leak Detect:	ELECTRONIC	Containment:	Double Wall Tank
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Gravity	Install Date:	0394
Total Tanks:	18		

Nassau County AST:

Facility ID:	000001	Tank ID:	0047
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1465
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RIDOLENE 53		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0131
Tank Location:	Indoors, Aboveground	Capacity (Gal):	760
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0139
Tank Location:	Indoors, Aboveground	Capacity (Gal):	400
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0140
Tank Location:	Indoors, Aboveground	Capacity (Gal):	160
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0141
Tank Location:	Indoors, Aboveground	Capacity (Gal):	670
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CHROMIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0142
Tank Location:	Indoors, Aboveground	Capacity (Gal):	760
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0143
Tank Location:	Indoors, Aboveground	Capacity (Gal):	670
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SULPHURIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0144
Tank Location:	Indoors, Aboveground	Capacity (Gal):	760
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0213
Tank Location:	Indoors, Aboveground	Capacity (Gal):	190
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0214
Tank Location:	Indoors, Aboveground	Capacity (Gal):	250
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0215
Tank Location:	Indoors, Aboveground	Capacity (Gal):	350
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0216
Tank Location:	Indoors, Aboveground	Capacity (Gal):	350
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0256
Tank Location:	Indoors, Aboveground	Capacity (Gal):	250
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHYLENE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0186
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0259
Tank Location:	Indoors, Aboveground	Capacity (Gal):	50
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHANE, 1,1,1-		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0261
Tank Location:	Indoors, Aboveground	Capacity (Gal):	760
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0262
Tank Location:	Indoors, Aboveground	Capacity (Gal):	760
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0285
Tank Location:	Indoors, Aboveground	Capacity (Gal):	50
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHANE, 1,1,1-		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0360
Tank Location:	Indoors, Aboveground	Capacity (Gal):	14000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	POTASSIUM HYDROXIDE & NITRATE		
Leak Detect:	ELECTRONIC	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0186
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) U001854570

Facility ID:	000001	Tank ID:	0361
Tank Location:	Indoors, Aboveground	Capacity (Gal):	10500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0169
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0363
Tank Location:	Indoors, Aboveground	Capacity (Gal):	10500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0169
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0365
Tank Location:	Indoors, Aboveground	Capacity (Gal):	10500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0169
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0366
Tank Location:	Indoors, Aboveground	Capacity (Gal):	10500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RIDOLENE 73		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0169
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) U001854670

Facility ID:	000001	Tank ID:	0371
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	10500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	ALKALINE SOLUTIONS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0169
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0384
Tank Location:	Indoors, Aboveground	Capacity (Gal):	115
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SURFACTANTS		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0187
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0388
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1570
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ALODINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0399
Tank Location:	Indoors, Aboveground	Capacity (Gal):	4418
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0400
Tank Location:	Indoors, Aboveground	Capacity (Gal):	4418
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0449
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1570
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0451
Tank Location:	Indoors, Aboveground	Capacity (Gal):	12630
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TURCO MASKANT		
Leak Detect:	NONE	Containment:	VAULT
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0172
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0490
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2700
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	ZYGLO PENETRANT		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID
Direction
Distance | Site | Database(s) | EDR ID Number
EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) U001854670

Facility ID:	000001	Tank ID:	0491
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2200
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	MAGNAFLUX		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0493
Tank Location:	Indoors, Aboveground	Capacity (Gal):	6750
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	MAGNAFLUX		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0503
Tank Location:	Indoors, Aboveground	Capacity (Gal):	115
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ALKALINE SOLUTIONS, NOS		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0187
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0506
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CHROME DEACTIVATING SOLUTION		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0508
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CHROME DEACTIVATING SOLUTION		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0594
Tank Location:	Indoors, Aboveground	Capacity (Gal):	3200
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM NITRATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Other	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0601
Tank Location:	Indoors, Aboveground	Capacity (Gal):	650
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	BASIC DEACTIVATING SOLUTION		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0168
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0603
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CHROME DEACTIVATING SOLUTION		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) U001854670

Facility ID:	000001	Tank ID:	0604
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CHROME DEACTIVATING SOLUTION		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0605
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CHROME DEACTIVATING SOLUTION		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0606
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CHROME DEACTIVATING SOLUTION		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0644
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2350
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC ACID & SODIUM SULFATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0645
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2350
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0740
Tank Location:	Indoors, Aboveground	Capacity (Gal):	185
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	PHOSPHORIC ACID		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0161
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0780
Tank Location:	Indoors, Aboveground	Capacity (Gal):	748
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	CAUSTICS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0793
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	3600
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	PAINT, MISC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0794
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	3500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	PAINT, MISC		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0815
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	3600
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	ALODINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0183
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0930
Tank Location:	Indoors, Aboveground	Capacity (Gal):	50
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	FREON		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0186
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0939
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1570
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0174
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	0941
Tank Location:	Indoors, Aboveground	Capacity (Gal):	500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHANE, 1,1,1-		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0162
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0956
Tank Location:	Indoors, Aboveground	Capacity (Gal):	6100
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RIDOLENE 53		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0166
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0957
Tank Location:	Indoors, Aboveground	Capacity (Gal):	6100
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0172
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	0958
Tank Location:	Indoors, Aboveground	Capacity (Gal):	6100
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ALODINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0166
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) U001854670

Facility ID:	000001	Tank ID:	0959
Tank Location:	Indoors, Aboveground	Capacity (Gal):	6100
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0172
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1021
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1465
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SULFURIC & OXALIC ACID MIX		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0174
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1022
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1465
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1023
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1465
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ALODINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0174
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1024
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1465
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1039
Tank Location:	Indoors, Aboveground	Capacity (Gal):	330
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1052
Tank Location:	Indoors, Aboveground	Capacity (Gal):	157
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1053
Tank Location:	Indoors, Aboveground	Capacity (Gal):	157
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SURFACTANTS		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1054
Tank Location:	Indoors, Aboveground	Capacity (Gal):	157
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1055
Tank Location:	Indoors, Aboveground	Capacity (Gal):	157
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TRICHLOROETHANE, 1,1,1-		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1056
Tank Location:	Indoors, Aboveground	Capacity (Gal):	45
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC & HYDROFLUORIC ACID MIX		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1057
Tank Location:	Indoors, Aboveground	Capacity (Gal):	23
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0273
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1058
Tank Location:	Indoors, Aboveground	Capacity (Gal):	45
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC & HYDROFLUORIC ACID MIX		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1059
Tank Location:	Indoors, Aboveground	Capacity (Gal):	270
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1063
Tank Location:	Indoors, Aboveground	Capacity (Gal):	157
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ISOPROPYL ALCOHOL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0173
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1068
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1570
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RIDOLENE 53		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0174
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1069
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1570
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0174
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1071
Tank Location:	Indoors, Aboveground	Capacity (Gal):	630
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ACIDS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1104
Tank Location:	Indoors, Aboveground	Capacity (Gal):	185
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0176
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1106
Tank Location:	Indoors, Aboveground	Capacity (Gal):	185
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ALODINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0176
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1107
Tank Location:	Indoors, Aboveground	Capacity (Gal):	185
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0176
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1112
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9975
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1120
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1121
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1122
Tank Location:	Indoors, Aboveground	Capacity (Gal):	18200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1123
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1124
Tank Location:	Indoors, Aboveground	Capacity (Gal):	18200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1125
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1126
Tank Location:	Indoors, Aboveground	Capacity (Gal):	18200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1127
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	HYDROFLUORIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1128
Tank Location:	Indoors, Aboveground	Capacity (Gal):	18200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1129
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1130
Tank Location:	Indoors, Aboveground	Capacity (Gal):	18200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1131
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Waste
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1132
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1133
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Waste
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1134
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	9743
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Waste
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1137
Tank Location:	Indoors, Aboveground	Capacity (Gal):	7700
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TRICHLOROETHANE, 1,1,1-		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1138
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RIDOLENE 57		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1139
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ALKALINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1140
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1141
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ALODINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1142
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1144
Tank Location:	Indoors, Aboveground	Capacity (Gal):	9200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	CHROMIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1145
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0180
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1150
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	9200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ACIDS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0181
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1151
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	9200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ACIDS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0181
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1152
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	9200
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ACIDS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0181
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1156
Tank Location:	Indoors, Aboveground	Capacity (Gal):	517
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1157
Tank Location:	Indoors, Aboveground	Capacity (Gal):	517
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0179
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1184
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	10300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Waste
Description:	NITRIC & HYDROFLUORIC ACID MIX		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0181
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1190
Tank Location:	Indoors, Aboveground	Capacity (Gal):	170
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0176
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1191
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	1800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	TRADE NAME, ORGANIC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0181
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1193
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	3700
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ACIDS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0182
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1194
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	3700
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ACIDS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0182
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1207
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	10000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TETRACHLOROETHYLENE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0183
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1221
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHYLENE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1222
Tank Location:	Indoors, Aboveground	Capacity (Gal):	8800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	RIDOLENE 57		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1223
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1224
Tank Location:	Indoors, Aboveground	Capacity (Gal):	8800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1225
Tank Location:	Indoors, Aboveground	Capacity (Gal):	8800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1226
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1228
Tank Location:	Indoors, Aboveground	Capacity (Gal):	8800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ALODINE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1229
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1230
Tank Location:	Indoors, Aboveground	Capacity (Gal):	8800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SULPHURIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1231
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1232
Tank Location:	Indoors, Aboveground	Capacity (Gal):	8800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SODIUM DICHROMATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1233
Tank Location:	Indoors, Aboveground	Capacity (Gal):	17400
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1239
Tank Location:	Indoors, Aboveground	Capacity (Gal):	900
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	GLYCOL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1251
Tank Location:	Indoors, Aboveground	Capacity (Gal):	365
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHYLENE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0186
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1252
Tank Location:	Indoors, Aboveground	Capacity (Gal):	38430
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SILICATES, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1253
Tank Location:	Indoors, Aboveground	Capacity (Gal):	38430
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1254
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	6000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	METHANOL		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1263
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1600
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	POTASSIUM NITRATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1264
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2700
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	SODIUM NITRITE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Other	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1265
Tank Location:	Indoors, Aboveground	Capacity (Gal):	375
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	LEAD		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Other	Install Date:	0181
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1266
Tank Location:	Indoors, Aboveground	Capacity (Gal):	250
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	ZINC		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Other	Install Date:	0181
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1267
Tank Location:	Indoors, Aboveground	Capacity (Gal):	5300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	ETHYLENE GLYCOL		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0187
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1272
Tank Location:	Indoors, Aboveground	Capacity (Gal):	700
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TETRACHLOROETHYLENE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0185
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1273
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2958
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0188
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1274
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1525
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	ETHYLENE GLYCOL		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0188
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1275
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1525
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TANK, WATER RINSE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0188
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1276
Tank Location:	Indoors, Aboveground	Capacity (Gal):	1960
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SODIUM NITRATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0188
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1303
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	600
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHANE, 1,1,1-		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1255
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) U001854670

Facility ID:	000001	Tank ID:	1304
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	AMMONIA, ANHYDROUS		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Other	Install Date:	0169
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1345
Tank Location:	Indoors, Aboveground	Capacity (Gal):	30
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	TRICHLOROETHYLENE		
Leak Detect:	OTHER	Containment:	OTHER
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0793
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1346
Tank Location:	Indoors, Aboveground	Capacity (Gal):	14
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	PHOTO DEVELOPER		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1347
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	URISCREEN-PEROXIDE & NA PERBORATE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1348
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1349
Tank Location:	Indoors, Aboveground	Capacity (Gal):	14
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	PHOTO DEVELOPER		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1350
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	URISCREEN-PEROXIDE & NA PERBORATE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1351
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1352
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	PHOTO DEVELOPER		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1353
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	URISCREEN-PEROXIDE & NA PERBORATE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1354
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1355
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	PHOTO DEVELOPER		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	1356
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	URISCREEN-PEROXIDE & NA PERBORATE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	1357
Tank Location:	Indoors, Aboveground	Capacity (Gal):	13
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Not reported	Material Type:	Fresh/Product
Description:	RINSEWATER, ACID		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Not reported	Product Gauge:	No
Fill Type:	Other	Install Date:	1294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	2004
Tank Location:	Indoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, MOTOR		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0168
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	2090
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	517
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	PHOTO CHEMICALS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	6006
Tank Location:	Indoors, Aboveground	Capacity (Gal):	175
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	ORGANICS, MISC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Other	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	6008
Tank Location:	Indoors, Aboveground	Capacity (Gal):	175
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	WASTEWATER TREATMENT CHEMICALS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	No
Fill Type:	Other	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	7002
Tank Location:	Indoors, Aboveground	Capacity (Gal):	4800
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	EMPTY/AUXILARY TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0160
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9001
Tank Location:	Indoors, Aboveground	Capacity (Gal):	11000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0147
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9002
Tank Location:	Indoors, Aboveground	Capacity (Gal):	11000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0147
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9003
Tank Location:	Indoors, Aboveground	Capacity (Gal):	11000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0147
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9004
Tank Location:	Indoors, Aboveground	Capacity (Gal):	11000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0147
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9005
Tank Location:	Indoors, Aboveground	Capacity (Gal):	15000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0147
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9006
Tank Location:	Indoors, Aboveground	Capacity (Gal):	15000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9007
Tank Location:	Indoors, Aboveground	Capacity (Gal):	15000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9008
Tank Location:	Indoors, Aboveground	Capacity (Gal):	15000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9009
Tank Location:	Indoors, Aboveground	Capacity (Gal):	15000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WATER, MISC. INDUSTRIAL WASTES		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0170
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9010
Tank Location:	Indoors, Aboveground	Capacity (Gal):	4700
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	SLUDGE WASTES, INORGANIC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9011
Tank Location:	Indoors, Aboveground	Capacity (Gal):	4700
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	SLUDGE WASTES, INORGANIC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9012
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	INORGANICS, MISC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Other	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9013
Tank Location:	Indoors, Aboveground	Capacity (Gal):	300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	CALCIUM CARBONATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Other	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9014
Tank Location:	Indoors, Aboveground	Capacity (Gal):	300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	CALCIUM CARBONATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Other	Install Date:	0177
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9303
Tank Location:	Indoors, Aboveground	Capacity (Gal):	3800
Tank Status:	In Service	Tank Material:	CONCRETE
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	TANK, WASTE TREATMENT		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0143
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9307
Tank Location:	Indoors, Aboveground	Capacity (Gal):	16000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	TANK, WASTE TREATMENT		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9309
Tank Location:	Indoors, Aboveground	Capacity (Gal):	16000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	TANK, WASTE TREATMENT		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9310
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	20600
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Waste
Description:	ACIDS, NOS		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9311
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	12690
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Waste
Description:	CHARACTERISTIC OF CORROSIVITY		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9312
Tank Location:	Indoors, Aboveground	Capacity (Gal):	16900
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	NITRIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9313
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	10000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SULPHURIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9316
Tank Location:	Indoors, Aboveground	Capacity (Gal):	16000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Waste
Description:	ORGANICS, MISC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9317
Tank Location:	Indoors, Aboveground	Capacity (Gal):	4000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	CATHODIC PROTECTION		
Piping Type:	Other	Material Type:	Waste
Description:	WATER TANK		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9318
Tank Location:	Indoors, Aboveground	Capacity (Gal):	40
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ORGANICS, MISC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9320
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	7000
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	HYDROGEN PEROXIDE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

GRUMMAN AEROSPACE CORP. (Continued) U001854670

Facility ID:	000001	Tank ID:	9322
Tank Location:	Indoors, Aboveground	Capacity (Gal):	2000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	AMMONIUM NITRATE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0188
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9323
Tank Location:	Indoors, Aboveground	Capacity (Gal):	980
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	ORGANICS, MISC		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9329
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	8000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9330
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	11800
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Internal Lining		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	HYDROFLUORIC ACID		
Leak Detect:	NONE	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN AEROSPACE CORP. (Continued) **U001854670**

Facility ID:	000001	Tank ID:	9332
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	5800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	OTHER		
Piping Type:	Fiberglass	Material Type:	Waste
Description:	WATER TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	000001	Tank ID:	9333
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	5800
Tank Status:	In Service	Tank Material:	OTHER
Int Protection:	None		
Ext Protection:	OTHER		
Piping Type:	Fiberglass	Material Type:	Waste
Description:	WATER TANK		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0184
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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65 **GRUMMAN CORP OPERATIONS** **LUST** **S101102368**
STEWART AVENUE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9402644	Spill Date:	03/16/1994
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM/INDUST
Resource affected:	GROUNDWATER	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/02/1995
Initiated clean up:	Not reported	Close Date:	10/02/1995
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN BETHPAGE** **LUST** **S100666789**
STEWART AVENUE **N/A**
BETHPAGE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN BETHPAGE (Continued) **S100666789**

LUST:

Facility ID:	9213848	Spill Date:	03/17/1993
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	DIESEL	Release QTY:	40.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	KISPERT DRO
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN** **LUST** **S100781235**
STEWART AVE / SO OYSTER B **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9309349	Spill Date:	11/01/1993
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	DEC
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	03/01/1994
Initiated clean up:	Not reported	Close Date:	03/01/1994
Last Inspection:	Not reported	Investigator:	PARISH
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN AEROSPACE-BETHPAGE FACILITY** **SHWS** **S101008267**
STEWART AVENUE **N/A**
BETHPAGE, NY 11714

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

GRUMMAN AEROSPACE-BETHPAGE FACILITY (Continued) **S101008267**

SHWS:

Facility ID:	130003A	EPA ID:	NYD002047967
Owner:	Grumman Aerospace Corp Mail Stop B08-30 Bethpage, NY 11714		
Owner Telephone:	Not reported		
Operator:	Grumman Aerospace Corp Mail Stop B08-30 Bethpage, NY 11714		
Contact:	John Ohlman	Telephone	Not reported
Site Classification:	Significant threat to the public health or environment - action required.		
Region:	1		
Site Type:	Lagoon, Landfill		
Acres:	318	User:	Grumman Aerospace Corp.
HW Started:	1943	HW Ended:	present
HW Disposed:	Chromium sludge, Paint sludge, Metals, Chlorinated solvents		
Units:	unknown, unknown, unknown, unknown		
Air Data:	Unavailable	Surf. Water Data:	Unavailable
Grnd. Water Data:	Available	Soil Data:	Available
Sediment Data:	Available		
Ground Water Standards Contravention:		Yes	
Drinking Water Standards Contravention:		Yes	
Surface Water Standards Contravention:		No	
Air Standards Contravention:		No	
Enforcement Status:	Order Has Been Signed	Legal Action:	No
State Action:	Yes	Fed Action:	No
Remedial Action:	In Progress, Completed		
Rmdl Action Type:	RI-FS groundwater-OU II, and on-site soil-OU I		
Soil Type:	Sand		
Grnd Water Depth:	Approximately 55 feet		

Assessment of Environmental Problems:
Two of the municipal water supplies downgradient have been impactedand others are threatened.

Assessment of Health Problems:
On-site contamination of soil, surface water (leaching basins), andgroundwater may provide routes of on-site exposure to humans. However,no exposures have been identified. Groundwater on-site is contaminatedbut it is not used as a potable water supply. Contamination wasdetected at Bethpage Water District Plants 6 and 4. A treatment systemis in operation at Plant 6. Trichloroethene was detected for the firsttime at concentrations below New York State Drinking Water Standards insamples from Bethpage Water District Plant 4 during December 1992.Plans are being developed to install treatment for this facility and forthe Bethpage Water District Plant 5. The treatment facility for Plant 5is planned in anticipation that the contamination will eventually reachthis facility. So far, no contamination has been found at Plant 5.

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65 **NORTHROP GRUMMAN** **LUST** **S101340215**
SO OYSTER BAY ROAD **N/A**
BETHPAGE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

NORTHROP GRUMMAN (Continued) **S101340215**

LUST:

Facility ID:	9413982	Spill Date:	01/18/1995
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	MAJOR FACILITY 400,000 GAL
Resource affected:	ON LAND	Notifier:	DEC
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	MATTHEWS
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN** **LUST** **S100665943**
PLANT #2 HANGER **N/A**
BETHPAGE, NY

LUST:

Facility ID:	8909211	Spill Date:	12/19/1989
First notified:	REGIONAL OFFICE	Material class:	NONPETRO\NONHAZ
Material spilled:	Not Reported	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	IN SEWER	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	12/21/1989
Initiated clean up:	Not reported	Close Date:	12/21/1989
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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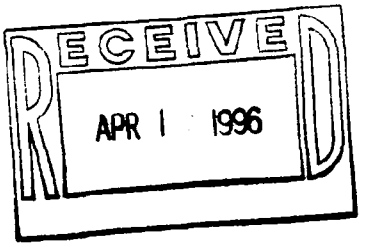
65 **GRUMMAN AEROSPACE** **LUST** **S100173006**
BUILDING 116-01-1 **N/A**
BETHPAGE, NY



Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

GRUMMAN AEROSPACE (Continued) **S100173006**

LUST:

Facility ID:	8901526	Spill Date:	05/16/1989
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	MAJOR FACILITY 400,000 GAL
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	05/01/1992
Initiated clean up:	Not reported	Close Date:	05/01/1992
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN AEROSPACE** **LUST** **S101173531**
BLDG 28 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9408269	Spill Date:	09/21/1994
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMMINDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN AEROSPACE** **LUST** **S100665775**
EAST END OF PLANT #3 **N/A**
BETHPAGE, NY

GRUMMAN AEROSPACE (Continued) **S100665775**

LUST:

Facility ID:	8807681	Spill Date:	12/20/1988
First notified:	REGIONAL OFFICE	Material class:	HAZARDOUS MATERIAL
Material spilled:	Not Reported	Release QTY:	2.00 GALLONS
Water body affected:	Not reported	Origin:	TANK TRUCK
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	12/30/1988
Initiated clean up:	Not reported	Close Date:	12/30/1988
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN AEROSPACE** **LUST** **S100559911**
GRUMMAN AEROSPACE PL #20 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9304043	Spill Date:	06/29/1993
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	DIESEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	T/T/F TL MOSF
UST Trust Fund:	Yes		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN AEROSPACE** **LUST** **S100168920**
BLDG 115 **N/A**
BETHPAGE, NY

GRUMMAN AEROSPACE (Continued) **S100168920**

LUST:

Facility ID:	8807239	Spill Date:	12/01/1988
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	01/10/1989
Initiated clean up:	Not reported	Close Date:	01/10/1989
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN CORP** **LUST** **S100666542**
RTE 107 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9010127	Spill Date:	12/18/1990
First notified:	REGIONAL OFFICE	Material class:	HAZARDOUS MATERIAL
Material spilled:	Not Reported	Release QTY:	50.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	12/19/1990
Initiated clean up:	Not reported	Close Date:	12/19/1990
Last Inspection:	Not reported	Investigator:	HOFMANN
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN AEROSPACE** **LUST** **S100171769**
BUILDING #2 GRUMMAN **N/A**
BETHPAGE, NY

Map ID / Direction / Distance	Site	Database(s)	EDR ID Number / EPA ID Number

GRUMMAN AEROSPACE (Continued) — **S100171769**

LUST:

Facility ID:	8704145	Spill Date:	08/19/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	09/23/1987
Initiated clean up:	Not reported	Close Date:	09/23/1987
Last Inspection:	Not reported	Investigator:	O'NEILL
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN AEROSPACE**
SO OYSTER BAY RD BLDG #1
BETHPAGE, NY

LUST — **S100664793** / **N/A**

LUST:

Facility ID:	9207215	Spill Date:	09/22/1992
First notified:	C	Material class:	PETROLEUM
Material spilled:	Not Reported	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	09/25/1992
Initiated clean up:	Not reported	Close Date:	09/25/1992
Last Inspection:	Not reported	Investigator:	PARISH
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN BLDG #3**
STEWART AVE
BETHPAGE, NY

LUST — **S101173516** / **N/A**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN BLDG #3 (Continued) **S101173516**

LUST:

Facility ID:	9406455	Spill Date:	08/11/1994
First notified:	C	Material class:	PETROLEUM
Material spilled:	DIESEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	Yes		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN AEROSPACE** **LUST** **S100169213**
BUILDING 04-01-1 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	8901527	Spill Date:	05/12/1989
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	MAJOR FACILITY 400,000 GAL
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	05/23/1989
Initiated clean up:	Not reported	Close Date:	05/23/1989
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN PLANT #20** **LUST** **S100491399**
STEWART AVE **N/A**
BETHPAGE, NY

GRUMMAN PLANT #20 (Continued) **S100491399**

LUST:

Facility ID:	9204511	Spill Date:	07/20/1992
First notified:	C	Material class:	PETROLEUM
Material spilled:	DIESEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	09/30/1992
Initiated clean up:	Not reported	Close Date:	09/30/1992
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Facility ID:	9302603	Spill Date:	05/26/1993
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/27/1993
Initiated clean up:	Not reported	Close Date:	07/27/1993
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN AEROSPACE** **LUST** **S100171849**
BUILDING #1 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	8705197	Spill Date:	09/21/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	JET FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/14/1987
Initiated clean up:	Not reported	Close Date:	10/14/1987
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
65	**GRUMMAN AEROSPACE** **BLDG 111** **BETHPAGE, NY**	**LUST**	**S100173439** **N/A**

LUST:

Facility ID:	9001711	Spill Date:	05/14/1990
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	09/10/1993
Initiated clean up:	Not reported	Close Date:	09/10/1993
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

65	**GRUMMAN AEROSPACE** **GRUMMAN FACILITY BLDG 1** **BETHPAGE, NY**	**LUST**	**S100171783** **N/A**

LUST:

Facility ID:	8704386	Spill Date:	08/26/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	JET FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	FIRE DEPARTMENT
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/14/1987
Initiated clean up:	Not reported	Close Date:	10/14/1987
Last Inspection:	Not reported	Investigator:	GOERTZ
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

65	**GRUMMAN** **PLANT #1 FUEL DEPOT** **BETHPAGE, NY**	**LUST**	**S100663921** **N/A**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN (Continued) **S100663921**

LUST:

Facility ID:	9106667	Spill Date:	09/16/1991
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	JET FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	DEC
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	Yes		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN INC** LUST **S100664811**
PLANT #3 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9207766	Spill Date:	10/05/1992
First notified:	REGIONAL OFFICE	Material class:	HAZARDOUS MATERIAL
Material spilled:	Not Reported	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	DECANDIA
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN** LUST **S100169240**
BLDG #15 **N/A**
BETHPAGE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN (Continued) **S100169240**

LUST:

Facility ID:	8901729	Spill Date:	05/19/1989
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	UNKNOWN	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/26/1990
Initiated clean up:	Not reported	Close Date:	10/26/1990
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN** **LUST** **S100664825**
MULBERRY STREET BLDG 12 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9208152	Spill Date:	10/14/1992
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	3.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/26/1992
Initiated clean up:	Not reported	Close Date:	10/26/1992
Last Inspection:	Not reported	Investigator:	KISPERT
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN** **LUST** **S100664347**
PLANT #3 **N/A**
BETHPAGE, NY

Map ID / Direction / Distance	Site	Database(s)	EDR ID Number / EPA ID Number

GRUMMAN (Continued) **S100664347**

LUST:

Facility ID:	9109773	Spill Date:	12/13/1991
First notified:	REGIONAL OFFICE	Material class:	HAZARDOUS MATERIAL
Material spilled:	Not Reported	Release QTY:	10.00 POUNDS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	12/18/1991
Initiated clean up:	Not reported	Close Date:	12/18/1991
Last Inspection:	Not reported	Investigator:	KISPERT
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN** **LUST** **S100666487**
WAREHOUSE #8 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9006322	Spill Date:	09/07/1990
First notified:	REGIONAL OFFICE	Material class:	HAZARDOUS MATERIAL
Material spilled:	Not Reported	Release QTY:	15.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/10/1990
Initiated clean up:	Not reported	Close Date:	10/10/1990
Last Inspection:	Not reported	Investigator:	DEROSA
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN CORP** **LUST** **S101658229**
STEWART AVE - WHSE #8 **N/A**
BETHPAGE, NY

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

GRUMMAN CORP (Continued) **S101658229**

LUST:

Facility ID:	9506898	Spill Date:	09/06/1995
First notified:	ANSWERING SERVICE	Material class:	HAZARDOUS MATERIAL
Material spilled:	Not Reported	Release QTY:	36.00 GALLONS
Water body affected:	Not reported	Origin:	MAJOR FACILITY 400,000 GAL
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	NO ACTION TAKEN	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	PARISH
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN** **LUST** **S100174734**
BLDG #3 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9100456	Spill Date:	04/11/1991
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	DIESEL	Release QTY:	20.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	06/10/1994
Initiated clean up:	Not reported	Close Date:	06/10/1994
Last Inspection:	Not reported	Investigator:	KISPERT
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN** **LUST** **S100177076**
GRUMMAN PLANT #17 **N/A**
BETHPAGE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

GRUMMAN (Continued) **S100177076**

LUST:

Facility ID:	9105709	Spill Date:	08/26/1991
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	02/27/1995
Initiated clean up:	Not reported	Close Date:	02/27/1995
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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65 **GRUMMAN** **LUST** **S101276355**
STEWART AVENUE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9302538	Spill Date:	05/25/1993
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	07/27/1993
Initiated clean up:	Not reported	Close Date:	07/27/1993
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Facility ID:	9302825	Spill Date:	06/02/1993
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	RMS
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

65 **NORTHROP GRUMMAN** **LUST** **S101340024**
PLANT #15 **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9410499	Spill Date:	11/07/1994
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	AUSTIN
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **NORTHROP GRUMMAN** **LUST** **S101658189**
STEWART AVENUE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9506041	Spill Date:	08/16/1995
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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65 **GRUMMAN AEROSPACE CORP** **FINDS** **1000300851**
NEW SOUTH ROAD **RCRIS-LQG** **NYD981182249**
BETHPAGE, NY 11714

RCRIS:
Owner: GRUMMAN AEROSPACE CORP
(212) 555-1212

Contact: JOHN OHLMANN
(516) 575-2385

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	D002	.00000 (N)	Notification
F001	.00000 (N)	Notification	F002	.00000 (N)	Notification
F005	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
65	**GRUMMAN AEROSPACE CORPORATION** **MAIL STOP:D08-GHQ** **BETHPAGE, NY 11714**	**AST**	**U001853042** **N/A**

CBS AST:

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	10	Total AST's:	13
Tank Status:	CLOSED-IN PLACE		
Tank Location:	ABOVEGROUND		
Install Date:	12/70	Capacity (Gal):	4000
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	NONE		
Pipe Type:	GALVANIZED STEEL	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	NONE	Haz Percent:	100
Leak Detection:	NONE		
Overfill Protection:	Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	11/93	Data File:	Not reported
Case Number:	79016		

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	313	Total AST's:	13
Tank Status:	IN SERVICE		
Tank Location:	ABOVEGROUND		
Install Date:	12/84	Capacity (Gal):	5000
Tank Type:	Stainless steel alloy	Product Stored:	LEADED GASOLINE
Extrnl Protection:	JACKETED		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	FIBERGLASS [FRP]	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	NONE		
Pipe Containment:	VAULT	Haz Percent:	93
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	8014957		

GRUMMAN AEROSPACE CORPORATION (Continued) **U001853042**

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	320	Total AST's:	13
Tank Status:	IN SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	12/84	Capacity (Gal):	7000
Tank Type:	Other	Product Stored:	LEADED GASOLINE
Extrnl Protection:	NONE		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	FIBERGLASS [FRP]	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	JACKETED		
Pipe Containment:	VAULT	Haz Percent:	50
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	7722841		

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	329	Total AST's:	13
Tank Status:	IN SERVICE		
Tank Location:	ABOVEGROUND		
Install Date:	12/84	Capacity (Gal):	8000
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	LEADED GASOLINE
Extrnl Protection:	FIBERGLASS		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	FIBERGLASS [FRP]	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	JACKETED		
Pipe Containment:	VAULT	Haz Percent:	50
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	1310732		

GRUMMAN AEROSPACE CORPORATION (Continued) **U001853042**

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	399	Total AST's:	13
Tank Status:	TEMPORARILY OUT OF SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	09/80	Capacity (Gal):	4418
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	LEADED GASOLINE
Extrnl Protection:	NONE		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	VAULT	Haz Percent:	50
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	1310732		

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	400	Total AST's:	13
Tank Status:	TEMPORARILY OUT OF SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	09/80	Capacity (Gal):	4418
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	LEADED GASOLINE
Extrnl Protection:	NONE		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	VAULT	Haz Percent:	50
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	1310732		

GRUMMAN AEROSPACE CORPORATION (Continued) **U001853042**

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	941	Total AST's:	13
Tank Status:	TEMPORARILY OUT OF SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	12/62	Capacity (Gal):	500
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	FIBERGLASS [FRP]	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	NONE		
Pipe Containment:	VAULT	Haz Percent:	100
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	71556		

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	1207	Total AST's:	13
Tank Status:	TEMPORARILY OUT OF SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	09/83	Capacity (Gal):	10000
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	IMPERVIOUS UNDERLAYMENT	Haz Percent:	100
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	127184		

GRUMMAN AEROSPACE CORPORATION (Continued) **U001853042**

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	1254	Total AST's:	13
Tank Status:	TEMPORARILY OUT OF SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	12/85	Capacity (Gal):	6000
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	IMPERVIOUS UNDERLAYMENT	Haz Percent:	100
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	67561		

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	1303	Total AST's:	13
Tank Status:	CLOSED-REMOVED		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	12/88	Capacity (Gal):	600
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	NONE		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	NONE	Haz Percent:	100
Leak Detection:	NONE		
Overfill Protection:	Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	04/94	Data File:	Not reported
Case Number:	79016		

GRUMMAN AEROSPACE CORPORATION (Continued) **U001853042**

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	1271	Total AST's:	13
Tank Status:	TEMPORARILY OUT OF SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	09/87	Capacity (Gal):	10000
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	IMPERVIOUS UNDERLAYMENT	Haz Percent:	100
Leak Detection:	CONCRETE PAD W/CHANNELS		
Overfill Protection:	High Level Alarm		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	79016		

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	1304	Total AST's:	13
Tank Status:	IN SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	12/69	Capacity (Gal):	500
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	NONE		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	NONE	Haz Percent:	100
Leak Detection:	NONE		
Overfill Protection:	Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	7664417		

GRUMMAN AEROSPACE CORPORATION (Continued) **U001853042**

Facility ID:	1-000208	Telephone:	(516) 575-4680
Owner:	GRUMMAN AEROSPACE CORPORATION MAIL STOP:D08-GHQ BETHPAGE, NY 11714 (516) 575-4680		
Facility Status:	Active		
Tank ID:	7002	Total AST's:	13
Tank Status:	TEMPORARILY OUT OF SERVICE		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Install Date:	12/60	Capacity (Gal):	4800
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	NONE		
Pipe Type:	FIBERGLASS [FRP]	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	NONE	Haz Percent:	100
Leak Detection:	NONE		
Overfill Protection:	Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	76131		

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66 **FESTANTE RESIDENCE** **LUST** **S100491053**
82 SYCAMORE AVENUE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9201264	Spill Date:	04/24/1992
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	5.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	NO ACTION TAKEN	Date Cleaned:	06/24/1992
Initiated clean up:	Not reported	Close Date:	06/24/1992
Last Inspection:	Not reported	Investigator:	LUCE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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67 **FAME TRUCKING INC** **RCRIS-SQG** **1000199036**
246 8 TH ST **FINDS** **NYD980646038**
BETHPAGE, NY 11714

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68 **SIMON D'SOUZA RESIDENCE** **LUST** **S101103105**
22 HUNTER ST **N/A**
HICKSVILLE, NY

SIMON D'SOUZA RESIDENCE (Continued) **S101103105**

LUST:

Facility ID:	9402184	Spill Date:	05/13/1993
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	CITIZEN
Basin of spill:	1700	Project ID:	0
Cleaner:	NO ACTION TAKEN	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	DECANDIA
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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69 **NASSAU BLUE FLAME INC** **AST** **A100043234**
3 WASHINGTON PKY **N/A**
HICKSVILLE, NY

Nassau County AST:

Facility ID:	056214	Tank ID:	0001
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	OTHER		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, FUEL #2		
Leak Detect:	NONE	Containment:	OTHER
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Pumped	Install Date:	0584
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	056214	Tank ID:	0002
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	OTHER		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	NONE	Containment:	OTHER
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0584
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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69 **BLUE FLAME** **LUST** **S100149723**
3 WASHINGTON PKY **N/A**
HICKSVILLE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

BLUE FLAME (Continued) **S100149723**

LUST:

Facility ID:	8704453	Spill Date:	08/28/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	17	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	12/24/1990
Initiated clean up:	Not reported	Close Date:	12/24/1990
Last Inspection:	Not reported	Investigator:	ACAMPORA
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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70 **BERTAN ASSOCIATES** LUST S101671532
121 NEW SOUTH RD N/A
HICKSVILLE, NY

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70 **MEENAN OIL** LUST S100174684
121 NEW SOUTH RD N/A
HICKSVILLE, NY

LUST:

Facility ID:	9100043	Spill Date:	04/01/1991
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	10.00 GALLONS
Water body affected:	Not reported	Origin:	TANK TRUCK
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	04/05/1991
Initiated clean up:	Not reported	Close Date:	04/05/1991
Last Inspection:	Not reported	Investigator:	ACAMPORA
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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70 **BERTAN ASSOCIATES INC** FINDS 1000396046
121 NEW SOUTH ROAD RCRIS-LQG NYD980776405
HICKSVILLE, NY 11801

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

BERTAN ASSOCIATES INC (Continued) 1000396046

RCRIS:
Owner: Not reported

Contact: CHECK WALTER
(516) 433-3110

Waste	Quantity	Info Source	Waste	Quantity	Info Source
U159	.00000 (N)	Notification	U226	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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70 **SERVO CORPORATION OF AMERICA** CERCLIS 1000433406
111 NEW SOUTH ROAD FINDS NYD002418911
HICKSVILLE, NY 11801 RCRIS-LQG

CERCLIS Classification Data:
Site Incident Category: Not reported
Ownership Status: OTHER
EPA Notes: Not reported
Federal Facility: NO
NPL Status: NOT ON NPL

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	04/10/1980
Assessment:	PRELIMINARY ASSESSMENT	Completed:	01/15/1987
Assessment:	SCREENING SITE INSPECTION	Completed:	06/26/1991

CERCLIS Site Status:
This site is currently under investigation by the government to assess the extent of further action

RCRIS:
Owner: BLACKSTONE HENRY
(212) 555-1212

Contact: JOHN WILLENBROCK
(516) 938-9700

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D002	.00000 (N)	Notification	F002	.00000 (N)	Notification
F017	.00000 (N)	Notification	K050	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

There are 1 compliance/violation record(s) reported at this site:

Evaluation	Date	Violations
COMPLIANCE EVALUATION INSPECTION (CEI)	22-AUG-86	YES

Other Pertinent Environmental Activity Identified at Site:
facility has active water discharge permits

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70 **LONG ISLAND DEVELOPMENT** LUST S100667459
101 NEW SOUTH RD N/A
HICKSVILLE, NY

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

LONG ISLAND DEVELOPMENT (Continued) **S100667459**

LUST:

Facility ID:	9108645	Spill Date:	11/13/1991
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	ON LAND	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	11/18/1991
Initiated clean up:	Not reported	Close Date:	11/18/1991
Last Inspection:	Not reported	Investigator:	NCDH
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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71 **CORAL GRAPHIC SERVICES INC** FINDS 1001010739
840 S BROADWAY NY0001173137
HICKSVILLE, NY 11801

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71 **CORAL GRAPHIC SERVICES INC** RCRIS-LQG 1000990164
840 S BROADWAY NYR000001230
HICKSVILLE, NY 11801

RCRIS:
Owner: FC PROPERTIES INC
(516) 576-2100

Contact: Not reported

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D007	.00000 (N)	Notification	D010	.00000 (N)	Notification
D011	.00000 (N)	Notification	D027	.00000 (N)	Notification
F001	.00000 (N)	Notification	F002	.00000 (N)	Notification
F003	.00000 (N)	Notification	F005	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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72 **BETHPAGE TRANSMISSION** FINDS 1000243979
870 BROADWAY RCRIS-LQG NYD012728010
HICKSVILLE, NY 11801

RCRIS:
Owner: NICK & STEVEN FERRARO
(212) 555-1212

Contact: BARRY PIVNICK
(516) 681-5210

Waste	Quantity	Info Source
U220	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
72	**FIRESTONE SAVMOR AUTO SVC.** **870 SO. BROADWAY** **HICKSVILLE, NY 11801**	**FINDS** **RCRIS-LQG**	**1000222624** **NYD981489826**

RCRIS:
Owner: RAY VILLAFANNA
(212) 555-1212

Contact: JOHN COVERAS
(516) 822-2857

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D008	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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72	**A. ERNIES AUTO BODY INC.** **870 SOUTH BROADWAY** **HICKSVILLE, NY 11801**	**RCRIS-SQG** **FINDS**	**1000217113** **NYD050594878**

RCRIS:
Owner: ERNEST DEMARCO
(212) 555-1212

Contact: JOSEPH ZARRILLO
(516) 938-2929

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	F003	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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72	**TRUE AUTO RESTORATIONS INC** **870 S BROADWAY - E SECTION** **HICKSVILLE, NY 11801**	**RCRIS-SQG** **FINDS**	**1000553680** **NYD986961076**

RCRIS:
Owner: BOB MISTRETTA
(212) 555-1212

Contact: BOB MISTRETTA
(516) 822-1042

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	D035	.00000 (N)	Notification
F003	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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73	**ERM NORTHEAST** **335 NEW SOUTH RD** **HICKSVILLE, NY**	**LUST**	**S100494026** **N/A**

Map ID / Direction / Distance	Site	Database(s)	EDR ID Number / EPA ID Number

ERM NORTHEAST (Continued) — **S100494026**

LUST:

Facility ID:	9206957	Spill Date:	09/16/1992
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	12/08/1993
Initiated clean up:	Not reported	Close Date:	12/08/1993
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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73 **VOIGT PROPERTY** — **FINDS** **1000912299**
335 NEW SOUTH RD — **RCRIS-LQG** **NY0000588467**
HICKSVILLE, NY 11801

RCRIS:
Owner: VOIGT RELTY CO
(516) 673-0037

Contact: AL VALERIO
(516) 673-0037

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D008	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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73 **VACANT BUILDING** — **AST** **A100043272**
335 NEW SOUTH RD — **N/A**
HICKSVILLE, NY

Nassau County AST:

Facility ID:	056415	Tank ID:	0002
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	4000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, FUEL #2		
Leak Detect:	ELECTRONIC	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0294
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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73 **COMMERCIAL BLDG. #2** — **AST** **A100043125**
327 NEW SOUTH RD — **N/A**
HICKSVILLE, NY

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

COMMERCIAL BLDG. #2 (Continued) — **A100043125**

Nassau County AST:

Facility ID:	055747	Tank ID:	0002
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	1500
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Galvanized Steel	Material Type:	Fresh/Product
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	DOUBLE WALL TANK
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	1093
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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73 **CENTURY COLLISION, INC.** — **RCRIS-SQG** **1000422539**
321 NEW SOUTH ROAD — **FINDS** **NYD054994280**
HICKSVILLE, NY 11801

RCRIS:
Owner: Not reported

Contact: JERRY KELAHER
(516) 433-6290

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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73 **VARIETY PETROL (P&G FUEL)** — **LUST** **S101508024**
317 NEW SOUTH RD — **N/A**
HICKSVILLE, NY

LUST:

Facility ID:	9414903	Spill Date:	02/13/1995
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	20.00 GALLONS
Water body affected:	Not reported	Origin:	TANK TRUCK
Resource affected:	ON LAND	Notifier:	FIRE DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	Not reported
Initiated clean up:	Not reported	Close Date:	Not reported
Last Inspection:	Not reported	Investigator:	ACAMPORA
UST Trust Fund:	No		
Status:	Not reported	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	ACTIVE SPILL [ON GOING]		

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74 **JOHN GRACE & CO** — **FINDS** **1000789191**
34 WASHINGTON PKWY — **NYD986999365**
HICKSVILLE, NY 11801

Other Pertinent Environmental Activity Identified at Site:
civil judicial and administrative enforcement cases against facility

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
75	**BLUE FLAME** **17 HAZEL ST** **HICKSVILLE, NY 11801**	**FINDS** **RCRIS-LQG**	**1000196683** **NYD981561004**

RCRIS:
Owner: BLUE FLAME - THOMAS DUNN
(212) 555-1212

Contact: STEPHEN TYREE
(516) 249-3150

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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76	**NATIONAL METAL SPRAYING** **40 JEFRY LN** **HICKSVILLE, NY 11801**	**RCRIS-SQG** **FINDS**	**1000259721** **NYD002049658**

Other Pertinent Environmental Activity Identified at Site:
facility has an emission permit under the Clean Air Act

77	**DC FEMIA AUTO COLLISION** **44 WASHINGTON PKWY** **HICKSVILLE, NY 11801**	**RCRIS-SQG** **FINDS**	**1000228180** **NYD982180606**

RCRIS:
Owner: UNKNOWN
(212) 555-1212

Contact: SAL FEMIA
(516) 681-6660

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
F003	.00000 (N)	Notification	F005	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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78	**TBG COGEN PARTNERS** **939 SOUTH BROADWAY** **HICKSVILLE, NY 11801**	**AST**	**U001853006** **N/A**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

TBG COGEN PARTNERS (Continued) **U001853006**

CBS AST:

Facility ID:	1-000129	Telephone:	(516) 349-8340
Owner:	TBG COGEN PARTNERS 939 SOUTH BROADWAY HICKSVILLE, NY 11801-5032 (516) 349-8340		
Facility Status:	Active		
Tank ID:	11	Total AST's:	2
Tank Status:	IN SERVICE		
Tank Location:	ABOVEGROUND		
Install Date:	05/89	Capacity (Gal):	2000
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	PAINTED/ASPHALT COATING		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	VAULT	Haz Percent:	93
Leak Detection:	OTHER		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	1310732		

Facility ID:	1-000129	Telephone:	(516) 349-8340
Owner:	TBG COGEN PARTNERS 939 SOUTH BROADWAY HICKSVILLE, NY 11801-5032 (516) 349-8340		
Facility Status:	Active		
Tank ID:	12	Total AST's:	2
Tank Status:	IN SERVICE		
Tank Location:	ABOVEGROUND		
Install Date:	05/89	Capacity (Gal):	2000
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Extrnl Protection:	JACKETED		
Intrnl Protection:	NONE		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	NONE		
Pipe External:	PAINTED/ASPHALT COATING		
Pipe Containment:	VAULT	Haz Percent:	50
Leak Detection:	OTHER		
Overfill Protection:	High Level Alarm/Product Level Gauge		
Chemical:	Not reported		
Tank Closed:	Not reported	Data File:	Not reported
Case Number:	7664939		

78 **TBG COGEN PARTNERS** **AST** **A100042589**
939 S BROADWAY **N/A**
HICKSVILLE, NY

TBG COGEN PARTNERS (Continued) **A100042589**

Nassau County AST:

Facility ID:	001217	Tank ID:	0011
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	2000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0492
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	001217	Tank ID:	0012
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	2000
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	SULPHURIC ACID		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Gravity	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0492
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	001217	Tank ID:	0051
Tank Location:	Indoors, Aboveground	Capacity (Gal):	400
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	ERYTHORBIC ACID		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0492
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	001217	Tank ID:	0052
Tank Location:	Indoors, Aboveground	Capacity (Gal):	75
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0492
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

TBG COGEN PARTNERS (Continued) **A100042589**

Facility ID:	001217	Tank ID:	0053
Tank Location:	Indoors, Aboveground	Capacity (Gal):	75
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM TRIPOLYPHOSPHATE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0492
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	001217	Tank ID:	0054
Tank Location:	Indoors, Aboveground	Capacity (Gal):	75
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM TRIPOLYPHOSPHATE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0492
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	001217	Tank ID:	0055
Tank Location:	Indoors, Aboveground	Capacity (Gal):	100
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	SODIUM HYDROXIDE		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Submersible	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0492
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

Facility ID:	001217	Tank ID:	0073
Tank Location:	Indoors, Aboveground	Capacity (Gal):	300
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Piping Type:	Steel/Iron	Material Type:	Waste
Description:	PCB CONTAMINATED MATERIALS		
Leak Detect:	OTHER	Containment:	DIKING AND PAD
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	0594
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

78 **T B G COGEN PARTNERS** **PADS** **1000791459**
939 S BROADWAY **RCRIS-SQG** **NYD987029691**
HICKSVILLE, NY 11801 **FINDS**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
	T B G COGEN PARTNERS (Continued)		**1000791459**

RCRIS:
Owner: TBG COGEN PARTNERS
(516) 349-8340
Contact: ANTHONY LIGATO
(516) 349-8340

Waste	Quantity	Info Source
X001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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78	**TBG COGEN PARTNERS** **939 S BROADWAY** **HICKSVILLE, NY 11801**	**AST**	**U002261527** **N/A**

79	**PHOTO WORKS** **25 BLUMINGDALE ROAD** **HICKSVILLE, NY 11801**	**FINDS** **RCRIS-LQG**	**1000415373** **NYD981488240**

RCRIS:
Owner: MORRIS NESSIN
(212) 555-1212
Contact: MORRIS NESSIN
(516) 933-6110

Waste	Quantity	Info Source
D000	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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80	**C & D TYPE SETTERS INC** **960 SOUTH BROADWAY** **HICKSVILLE, NY 11801**	**FINDS** **RCRIS-LQG**	**1000110027** **NYD982186983**

RCRIS:
Owner: CHARLES SARGENT
(212) 555-1212
Contact: CHARLES SARGENT
(516) 822-8514

Waste	Quantity	Info Source
D000	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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81	**YALE RADIATOR & AUTO REPAIR** **37 BLOOMINGDALE RD** **HICKSVILLE, NY 11801**	**RCRIS-SQG** **FINDS**	**1000198265** **NYD168346880**

82	**AVIS CAR RENTAL** **980 SOUTH BROADWAY** **BETHPAGE, NY**	**LUST**	**S100147547** **N/A**

Map ID / Direction / Distance | Site | Database(s) | EDR ID Number / EPA ID Number

AVIS CAR RENTAL (Continued) **S100147547**

LUST:

Facility ID:	8809010	Spill Date:	02/19/1989
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	15.00 GALLONS
Water body affected:	Not reported	Origin:	PASSENGER VEHICLE
Resource affected:	ON LAND	Notifier:	FIRE DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	02/21/1989
Initiated clean up:	Not reported	Close Date:	02/21/1989
Last Inspection:	Not reported	Investigator:	NCFM
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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83 **AL ANDRIANO RESIDENCE** **LUST** **S100492507**
159 12TH STREET **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9213083	Spill Date:	02/23/1993
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	02/24/1993
Initiated clean up:	Not reported	Close Date:	02/24/1993
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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84 **TEXACO U.S.A.-A DIV. OF TEXACO INC.** **FINDS** **1000144460**
1000 SOUTH BROADWAY **RCRIS-LQG** **NYD000694448**
HICKSVILLE, NY 11801

RCRIS:
Owner: TEXACO U.S.A.
(609) 667-3800

Contact: H E PHILLIPS
(609) 667-3800

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D002	.00000 (N)	Notification	D008	.00000 (N)	Notification
D001	3.26500 (M)	Part A	D008	.00100 (P)	Part A

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
85	**BRADCO SUPPLY CORP.** **85 BLOOMINGDALE RD** **HICKSVILLE, NY**	**UST** **AST**	**U001446670** **N/A**

Nassau County UST:

Facility ID:	054058	Tank ID:	0002
Tank Location:	Indoors, Belowground	Capacity:	00004000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Other	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	OIL, FUEL #2		
Leak Detect:	ELECTRONIC	Containment:	Double Wall Tank
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Pumped	Install Date:	1089
Total Tanks:	1		

Nassau County AST:

Facility ID:	054058	Tank ID:	0009
Tank Location:	Indoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	PAINTED [e.g. asphaltic]		
Piping Type:	Other	Material Type:	Fresh/Product
Description:	OIL, FUEL #2		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Pumped	Install Date:	1255
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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86	**NYNEX VEHICLE** **SHERMAN AVE/SO 6TH STREET** **BETHPAGE, NY**	**LUST**	**S101102415** **N/A**

LUST:

Facility ID:	9314784	Spill Date:	03/17/1994
First notified:	C	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM VEHICLE
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	03/18/1994
Initiated clean up:	Not reported	Close Date:	03/18/1994
Last Inspection:	Not reported	Investigator:	GIBBONS
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

87	**JAMOCO HEATING & COOLING CORP** **105 BLOOMINGDALE RD** **HICKSVILLE, NY 11801**	**RCRIS-SQG**	**1000990295** **NYR000002543**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

JAMOCO HEATING & COOLING CORP (Continued) 1000990295

RCRIS:
Owner: JAMOCO HEATING & COOLING CORP
(516) 681-4400

Contact: Not reported

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	D002	.00000 (N)	Notification
D003	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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87 **JAMOCO HEATING & COOLING CORP** FINDS 1001010741
105 BLOOMINGDALE RD NY0001173160
HICKSVILLE, NY 11801

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88 **JAMES BELL RESIDENCE** LUST S101657999
127 SOUTH 1ST ST N/A
BETHPAGE, NY

LUST:

Facility ID:	9500753	Spill Date:	04/19/1995
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	OTHER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	06/28/1995
Initiated clean up:	Not reported	Close Date:	06/28/1995
Last Inspection:	Not reported	Investigator:	AUSTIN
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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89 **CASCADE WATER SERVICE., INC** FINDS 1000961763
113 BLOOMINGDALE RD NY0000640433
HICKSVILLE, NY 11801

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90 **SUNOCO SVC STA** FINDS 1000328704
125 BLOOMINGDALE RD RCRIS-LQG NYD000698746
HICKSVILLE, NY 11801

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

SUNOCO SVC STA (Continued) **1000328704**

RCRIS:
Owner: PIONEER GENERAL STORE INC
(212) 555-1212
Contact: GENERAL PIONEER
(212) 555-1212

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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91 **DYNAMIC PAINTING CORP** **RCRIS-SQG** **1000790409**
7 WILLIS CT **FINDS** **NYD987018934**
HICKSVILLE, NY 11801

RCRIS:
Owner: OTNICAJ 7 REALTY CORP
(212) 555-1212
Contact: GLEN JACINTO
(516) 681-6696

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

There are 1 compliance/violation record(s) reported at this site:

Evaluation	Date	Violations
COMPLIANCE EVALUATION INSPECTION (CEI)	15-AUG-93	YES

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92 **AMERICAN LITHOTECH** **FINDS** **1000358734**
631 HICKSVILLE ROAD **RCRIS-LQG** **NYD981489453**
BETHPAGE, NY 11714

RCRIS:
Owner: AMERICAN LITHOTECH, INC.
(212) 555-1212
Contact: DAVID LURIE
(516) 931-6300

Waste	Quantity	Info Source
D000	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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93 **RENAISSANCE DESIGN & BUILDING INC** **RCRIS-SQG** **1000871522**
91 ENGINEERS DR **FINDS** **NY0000062687**
HICKSVILLE, NY 11801

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

RENAISSANCE DESIGN & BUILDING INC (Continued) **1000871522**

RCRIS:
Owner: J DEALBUQUERQUE & D MAYER
(516) 932-8501

Contact: DIANA SHERRARD
(516) 932-8501

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D001	.00000 (N)	Notification	D035	.00000 (N)	Notification
F003	.00000 (N)	Notification	F005	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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94 **HICKSVILLE POST OFFICE** **FINDS** **1000272871**
260 ENGINEERS DR **RCRIS-LQG** **NY9180090020**
HICKSVILLE, NY 11802

RCRIS:
Owner: Not reported

Contact: JOHN DOLAN
(516) 933-2343

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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95 **BOCES NASSAU TECH BETHPAGE AV** **RCRIS-SQG** **1000221239**
610 HICKSVILLE RD **FINDS** **NYD136581915**
BETHPAGE, NY 11714

RCRIS:
Owner: GRUMMAN BETHPAGE CENTER
(212) 555-1212

Contact: JOHN GOLDEN
(516) 576-9180

Waste	Quantity	Info Source	Waste	Quantity	Info Source
NONE	.00000 (N)	Notification	NONE	.00000 (N)	EPA Inspection

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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96 **ERIKSEN AUTO OWNER** **LUST** **S100665688**
588 STEWART AVENUE **N/A**
BETHPAGE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

ERIKSEN AUTO OWNER (Continued) **S100665688**

LUST:

Facility ID:	8808488	Spill Date:	01/25/1989
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	GASOLINE	Release QTY:	5.00 GALLONS
Water body affected:	Not reported	Origin:	PASSENGER VEHICLE
Resource affected:	ON LAND	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	99226
Cleaner:	DEC - PIN PROJECT	Date Cleaned:	01/26/1989
Initiated clean up:	Not reported	Close Date:	04/02/1991
Last Inspection:	Not reported	Investigator:	NCFM
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	OTHER		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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96 **SON-LEW LAUNDRY CTR INC** **RCRIS-SQG** **1000139057**
596 STEWART AVE **FINDS** **NYD982538621**
BETHPAGE, NY 11714

RCRIS:
Owner: SON LEW LAUNDRY CENTER INC
(212) 555-1212

Contact: BLANCHE STALTARE
(516) 931-9636

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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97 **ABSOLUTE PHOTO INC** **RCRIS-LQG** **1000334058**
184 QUALITY PLAZA **NYD982743965**
HICKSVILLE, NY 11801

RCRIS:
Owner: JOSPEH GIAMPAPA
(212) 555-1212

Contact: JOSEPH GIAMPAPA
(516) 822-5400

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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97 **ABSOLUTE GRAPHICS INC** **RCRIS-SQG** **1000334057**
184 QUALITY PLAZA **FINDS** **NYD982743304**
HICKSVILLE, NY 11801

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

ABSOLUTE GRAPHICS INC (Continued) **1000334057**

RCRIS:
Owner: JOHN MORGAN
(212) 555-1212

Contact: JOHN MORGAN
(516) 939-0250

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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98 **J.C. PRECISION AUTOMOTIVE** **AST** **A100043081**
590 HICKSVILLE RD **N/A**
BETHPAGE, NY

Nassau County AST:

Facility ID:	055570	Tank ID:	0002
Tank Location:	Outdoors, Aboveground	Capacity (Gal):	275
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	Unknown		
Ext Protection:	UNKNOWN		
Piping Type:	Other	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1284
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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99 **PHOENIX LABORATORIES INC** **RCRIS-SQG** **1000207954**
175 LAUMAN LANE **FINDS** **NYD003998259**
HICKSVILLE, NY 11801

Other Pertinent Environmental Activity Identified at Site:
facility has an emission permit under the Clean Air Act

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99 **PROGRESSIVE CIRCUITS INC** **RCRIS-SQG** **1000236610**
180-R LAUMAN LN **FINDS** **NYD986891521**
HICKSVILLE, NY 11801

RCRIS:
Owner: ZT ZS CORP
(212) 555-1212

Contact: JYOTI MEHTA
(516) 938-4456

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D002	.00000 (N)	Notification	F006	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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100 **SLOMINS OIL CO** **LUST** **S100174751**
125 LAUMAN LN **N/A**
HICKSVILLE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

SLOMINS OIL CO (Continued) **S100174751**

LUST:

Facility ID:	9100704	Spill Date:	04/17/1991
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	COMM\INDUST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	03/02/1992
Initiated clean up:	Not reported	Close Date:	03/02/1992
Last Inspection:	Not reported	Investigator:	DEROSA
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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100 **SLOMINS INC** **FINDS** **1000300093**
125 LAUMAN LANE **RCRIS-LQG** **NYD012869145**
HICKSVILLE, NY 11801 **UST**
LUST

LUST:

Facility ID:	8910541	Spill Date:	02/05/1990
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	5.00 GALLONS
Water body affected:	Not reported	Origin:	TANK TRUCK
Resource affected:	ON LAND	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	02/05/1990
Initiated clean up:	Not reported	Close Date:	02/05/1990
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Nassau County UST:

Facility ID:	055883	Tank ID:	0004
Tank Location:	Indoors, Belowground	Capacity:	00002000
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Galvanized Steel	Material Type:	Waste
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	WASTE OIL		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0685
Total Tanks:	3		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

SLOMINS INC (Continued) 1000300093

Facility ID:	055883	Tank ID:	0005
Tank Location:	Indoors, Belowground	Capacity:	00001000
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Galvanized Steel	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Gravity	Install Date:	0685
Total Tanks:	3		

Facility ID:	055883	Tank ID:	0006
Tank Location:	Indoors, Belowground	Capacity:	00001000
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Galvanized Steel	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	Yes
Fill Type:	Gravity	Install Date:	0685
Total Tanks:	3		

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101 **GRECO BROS. BULK TERMINAL** AST U001853917
LAUMAN LA & HICKSVILLE RD. N/A
HICKSVILLE, NY 11714

MOSF AST:

Facility ID:	1-3100	Telephone:	(516) 681-1515
Facility Status:	ACTIVE FACILITY		
Owner:	GRECO BROS. FUEL CORP. P.O. BOX 208 239 BROADWAY BETHPAGE, NY 11714-		
Owner Tel:	(516) 938-5200		
Tank ID:	001	Tank Status:	IN SERVICE
Tank Location:	ABOVEGROUND		
Install Date:	10/55	Capacity (Gal):	500000
Tank Type:	Steel/carbon steel		
Product:	NOS 1,2, OR 4 FUEL OIL	Tank Internal:	EPOXY LINER
Tank External:	SACRIFICIAL ANODE		
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	NONE	Dispenser:	Suction
Pipe External:	NONE		
Second Contain:	CONCRETE DIKE/IMPERVIOUS UNDERLAYMENT		
Leak Detection:	GROUNDWATER WELL		
Overfill Protection:	High Level Alarm		
Test Date:	10/86	Date Closed:	Not reported
Dispensing Mthd:	Suction		
Data File:	Not reported		

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102 **BETHPAGE PUBLIC LIBRARY** LUST S100492543
47 POWELL AVE N/A
BETHPAGE, NY

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

BETHPAGE PUBLIC LIBRARY (Continued) **S100492543**

LUST:

Facility ID:	9213367	Spill Date:	03/03/1993
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	08/11/1993
Initiated clean up:	Not reported	Close Date:	08/11/1993
Last Inspection:	Not reported	Investigator:	T/T/F
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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102 **BETHPAGE PUBLIC LIBRARY** **LUST** **S100149020**
POWELL AVENUE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	8704151	Spill Date:	08/19/1987
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	NON-COMM\INST
Resource affected:	GROUNDWATER	Notifier:	TANK TESTER
Basin of spill:	17	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	10/03/1988
Initiated clean up:	Not reported	Close Date:	10/03/1988
Last Inspection:	Not reported	Investigator:	O'NEILL
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK TEST FAILURE [BULK STORE. PRO.]		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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103 **BETHPAGE BEST CLEANERS** **RCRIS-SQG** **1000243983**
360 BROADWAY **FINDS** **NYD981086085**
BETHPAGE, NY 11714

RCRIS:

Owner: YOO HANG JEON
(516) 935-3333

Contact: YOO HANG JEON
(516) 935-3333

Waste	Quantity	Info Source
F002	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
104	**BETHPAGE SERVICE STATION** **515 STEWART AVE** **BETHPAGE, NY**	**UST**	**U001855327** **N/A**

Nassau County UST:

Facility ID:	056695	Tank ID:	0004
Tank Location:	Indoors, Belowground	Capacity:	00001000
Tank Status:	In Service	Tank Material:	Fiberglass Reinforced Plastic
Piping Type:	Galvanized Steel	Material Type:	Fresh/Product
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	OIL, FUEL #2		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0281
Total Tanks:	2		

Facility ID:	056695	Tank ID:	0005
Tank Location:	Indoors, Belowground	Capacity:	00000500
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Galvanized Steel	Material Type:	Waste
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	WASTE OIL		
Leak Detect:	OTHER	Containment:	Other
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0281
Total Tanks:	2		

105	**UNK** **3529 CORTNEY LANE** **BETHPAGE, NY**	**LUST**	**S100173586** **N/A**

LUST:

Facility ID:	9003089	Spill Date:	06/14/1990
First notified:	C	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	AFFECTED PERSONS
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	12/17/1990
Initiated clean up:	Not reported	Close Date:	12/17/1990
Last Inspection:	Not reported	Investigator:	HOFMANN
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

106	**SUNOCO** **489 STEWART AVENUE** **BETHPAGE, NY**	**LUST**	**S100169300** **N/A**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

SUNOCO (Continued) S100169300

LUST:

Facility ID:	8902244	Spill Date:	06/02/1989
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	WASTE OIL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	GAS STATION
Resource affected:	ON LAND	Notifier:	DEC
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	06/09/1989
Initiated clean up:	Not reported	Close Date:	06/09/1989
Last Inspection:	Not reported	Investigator:	LEUNG
UST Trust Fund:	Yes		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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106 **S & S SUNOCO SERVICE** FINDS 1000328751
489 STEWART AVE RCRIS-LQG NYD000701599
BETHPAGE, NY 11714

RCRIS:
Owner: LVF CONT
(212) 555-1212
Contact: L MANZO
(516) 931-9244

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Other Pertinent Environmental Activity Identified at Site:
civil judicial and administrative enforcement cases against facility

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106 **PAGE SERVICE STATION** AST A100043090
497 STEWART AVE N/A
BETHPAGE, NY

Nassau County AST:

Facility ID:	055611	Tank ID:	0002
Tank Location:	Indoors, Aboveground	Capacity (Gal):	250
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	NONE		
Piping Type:	Other	Material Type:	Waste
Description:	WASTE OIL		
Leak Detect:	NONE	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1255
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

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107 **EASTERN EXTERMINATING CO INC** FINDS 1000402157
326 BROADWAY RCRIS-LQG NYD049202088
BETHPAGE, NY 11714

EASTERN EXTERMINATING CO INC (Continued) 1000402157

RCRIS:
Owner: Not reported

Contact: CHARLES KEATING
(517) 735-4142

Waste	Quantity	Info Source
P122	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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107 **UNK** LUST S100491423
339 BROADWAY / WASHINGTON N/A
BETHPAGE, NY

LUST:

Facility ID:	9204651	Spill Date:	07/22/1992
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	10.00 GALLONS
Water body affected:	Not reported	Origin:	TANK TRUCK
Resource affected:	ON LAND	Notifier:	FIRE DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	OTHER AGENCY	Date Cleaned:	09/20/1992
Initiated clean up:	Not reported	Close Date:	09/20/1992
Last Inspection:	Not reported	Investigator:	DECANDIA
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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108 **GIFFORD OIL** LUST S100173351
24 HUNTER LANE N/A
LEVITTOWN, NY

LUST:

Facility ID:	9000830	Spill Date:	04/23/1990
First notified:	ANSWERING SERVICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	1.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	AFFECTED PERSONS
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	04/27/1990
Initiated clean up:	Not reported	Close Date:	04/27/1990
Last Inspection:	Not reported	Investigator:	ANDERSON
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK OVERFILL		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
109	**BETHPAGE AUTO BODY** **309 BROADWAY** **BETHPAGE, NY 11714**	**FINDS** **RCRIS-LQG**	**1000243982** **NYD981085764**

RCRIS:
Owner: Not reported
Contact: IRWIN LAZARUS
(516) 822-5093

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
110	**ZIMMER RESIDENCE** **3609 FIDDLER LANE** **BETHPAGE, NY**	**LUST**	**S100148412** **N/A**

LUST:

Facility ID:	8912328	Spill Date:	03/26/1990
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	ON LAND	Notifier:	HEALTH DEPARTMENT
Basin of spill:	1700	Project ID:	0
Cleaner:	SPILLER	Date Cleaned:	03/29/1990
Initiated clean up:	Not reported	Close Date:	03/29/1990
Last Inspection:	Not reported	Investigator:	NONE
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
111	**TRANSMISSION TECHNICIANS** **305 BROADWAY** **BETHPAGE, NY 11714**	**RCRIS-SQG** **FINDS**	**1000791672** **NYD987031895**

RCRIS:
Owner: TRANSMISSION TECHNICIANS INC
(516) 938-8139
Contact: WALTER LAUT
(516) 938-8139

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
112	**LVF CONTRACTING** **STEWART AVE & LAFAYETTE AVE** **BETHPAGE, NY 11714**	**FINDS** **RCRIS-LQG**	**1000108433** **NYD982742934**

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

LVF CONTRACTING (Continued) **1000108433**

RCRIS:
Owner: LVF CONTRACTING
(212) 555-1212

Contact: LENNY MANZO
(516) 546-3475

Waste	Quantity	Info Source
D001	.00000 (N)	Notification

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

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113 **KANOWSKY RESIDENCE** **LUST** **S100150512**
556 CENTRAL AVENUE **N/A**
BETHPAGE, NY

LUST:

Facility ID:	9000164	Spill Date:	04/01/1990
First notified:	REGIONAL OFFICE	Material class:	PETROLEUM
Material spilled:	#2 FUEL	Release QTY:	0.00 GALLONS
Water body affected:	Not reported	Origin:	PRIVATE DWELLING
Resource affected:	GROUNDWATER	Notifier:	RESPONSIBLE PARTY
Basin of spill:	1700	Project ID:	90473
Cleaner:	DEC - PIN PROJECT	Date Cleaned:	01/28/1992
Initiated clean up:	Not reported	Close Date:	04/19/1993
Last Inspection:	Not reported	Investigator:	HAAS
UST Trust Fund:	No		
Status:	MEANS ITS BEEN RESOLVED	Penalty:	NO PENALTY
Quantity recovered:	0.00		
Cause:	TANK FAILURE		
Emergency response:	IT WAS NOT TAKEN		
Facility status:	COMPLETED SPILL [SPILL IS CLEANED UP AND ALL PAPERWORK IS COMPLETED]		

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114 **EAGAL NEST** **RCRIS-SQG** **1000553989**
500 CENTRAL AVE **FINDS** **NYD986964278**
BETHPAGE, NY 11714

RCRIS:
Owner: EAGELS NEST MOTOR SPORT INC
(516) 822-9494

Contact: JOSEPH PARISI
(516) 877-9494

Waste	Quantity	Info Source	Waste	Quantity	Info Source
D000	.00000 (N)	Notification	D001	.00000 (N)	Notification
D008	.00000 (N)	Notification			

(P) = Pounds , (K) = Kilograms , (M) = Metric Tons , (T) = Tons , (N) = Not Reported

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number

EAGAL NEST (Continued) **1000553989**

There are 1 compliance/violation record(s) reported at this site:

Evaluation	Date	Violations
NON-FINANCIAL RECORD REVIEW (NRR)	01-APR-94	YES

114 **EAGLES NEST** **AST** **A100043255**
500 CENTRAL AVE **N/A**
BETHPAGE, NY

Nassau County AST:

Facility ID:	056330	Tank ID:	0002
Tank Location:	Indoors, Aboveground	Capacity (Gal):	250
Tank Status:	In Service	Tank Material:	STEEL
Int Protection:	None		
Ext Protection:	OTHER		
Piping Type:	Steel/Iron	Material Type:	Fresh/Product
Description:	OIL, MOTOR		
Leak Detect:	OTHER	Containment:	NONE
Dispense Method:	Suction	Product Gauge:	No
Fill Type:	Gravity	Install Date:	1261
Data File:	Petroleum Bulk Storage Facility	Total Tanks:	Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
BETHPAGE	95275392				ERNS	
BETHPAGE	8705774	BARBEQUE WAREHOUSE			ERNS	
BETHPAGE	S100491639	NORTHVILLE GAS STATION	RTE 107 WANTAGH AVENUE	11714	LUST	9206489
BETHPAGE	1000178350	LILCO-LEVITTOWN SUBSTATION	RT 107 N/O HEMPSTEAD TPK	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000890357	NYSDOT BIN 1037899	RTE 135 OVER BROADWAY	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000890356	NYSDOT BIN 1037859	RTE 135 OVER BOUNDARY AVE	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000556026	NYSDOT BIN 1037860	RTE 135 UNDER CENTRAL AVE	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000556023	NYSDOT BIN 1037909	RTE 135 OVER HAYPATH RD	11714	FINDS, RCRIS-LQG	
BETHPAGE	S101657986	BETHPAGE STATE PARK	BETHPAGE STATE PARK	11714	LUST	8807183
BETHPAGE	S100149985	OGS/NYS	BETHPAGE STATE PARK	11714	LUST	8803698
BETHPAGE	S100664457	SEALIT	75 BLOOMINGDALE ROAD	11714	LUST	9113120
BETHPAGE	U002264560	JOHN F. KENNEDY J.H.S.	BROADWAY	11714	UST	
BETHPAGE	A100042904	BETHPAGE SCH.BUS GARAGE	BROADWAY	11714	AST	
BETHPAGE	A100042542	BETHPAGE W.D. PLANT 5	BROADWAY	11714	AST	
BETHPAGE	U002264561	CENTRAL BLVD SCHOOL	CENTRAL AVE.	11714	UST	
BETHPAGE	1000164786	SUNBRITE LAUNDROMAT & DRY CLEAN	4025 CHEMPSTEAD TNPK	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000243980	BETHPAGE U F S D	CHERRY AVE	11714	FINDS, RCRIS-LQG, LUST	8703585
BETHPAGE	U002096875	MERIT PLAINEDGE	4165 HEMPSTEAD TPKE	11714	UST	
BETHPAGE	U001854934	MOBIL S/S #17-K1Y	4180 HEMPSTEAD TPKE	11714	UST	041128
BETHPAGE	S101508890	OCEAN PETROLEUM	HEMPSTEAD TPKE / RTE 107	11714	LUST	9416174
BETHPAGE	S100151295	GAIL ROCK REALTY	4230 HEMPSTEAD TPKE	11714	LUST	9007407
BETHPAGE	1000872165	MID-ISLAND HOSPITAL INC	4295 HEMPSTEAD TNPK	11714	RCRIS-LQG	
BETHPAGE	1000791793	ISLAND TREES AUTOMOTIVE LTD	4190 HEMPSTEAD TNPK	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000554868	EXXON SVC STA 36959	3965 HEMPSTEAD TNPK	11714	RCRIS-SQG, FINDS	
BETHPAGE	1000553613	MOBIL OIL CORP SS #K1Y	4180 HEMPSTEAD TNPK	11714	RCRIS-SQG, FINDS	
BETHPAGE	1000457540	JIFFY LUBE	4000 HEMPSTEAD TNPK	11714	RCRIS-SQG, FINDS	
BETHPAGE	1000263758	MERIT OIL CORP	4165 HEMPSTEAD TPKE	11714	FINDS, RCRIS-LQG, LUST	8809104
BETHPAGE	1000211487	POWER TEST BETHPAGE	4101 HEMPSTEAD TNPK	11714	RCRIS-SQG, FINDS	
BETHPAGE	1000144478	TEXACO SVC STA	HEMPSTEAD TNPK & STEWART	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000135312	A & V MANSON SUPPLY INC	4108 HEMPSTEAD TNPK	11714	RCRIS-SQG, FINDS	
BETHPAGE	1000549576	LONG ISLAND SWIMMING POOL SERV	4040 HEMSTEAD LAKE PARK	11714	FINDS	
BETHPAGE	S101508034	SUN COMPANY INC	100 HICKSVILL ROAD	11714	LUST	9415006
BETHPAGE	1000446478	SAL MIKE REALTY	980 HICKSVILLE RD	11714	RCRIS-SQG, FINDS	
BETHPAGE	1000244487	BETHVIEW WHEEL ALIGNMENT, INC.	HICKSVILLE RD. & CENTRAL AVE.	11714	FINDS, RCRIS-LQG	
BETHPAGE	S100171097	MEENAN OIL	30 HUB DRIVE	11714	LUST	8607347
BETHPAGE	S100663909	APA TRANSPORT	IMPERATIVE ROAD	11714	LUST	9106296
BETHPAGE	1000549423	DOUGLAS CHEMICAL DIVISION DEIC	1 LEXTINGTON AVE	11714	FINDS	
BETHPAGE	S100665895	UNK	MANCHESTER DR/PLAINVIEW R	11714	LUST	8906174
BETHPAGE	S100664230	MR.BAR-B-QUE	NIBBE LANE / LEXINGTON AV	11714	LUST	8706872
BETHPAGE	1000551074	TBG COGENERATION	NYS ROUTE 107	11714	FINDS	
BETHPAGE	S100169909	MOBIL OIL	SO OYSTER BAY / STEWART A	11714	LUST	8908752
BETHPAGE	1000148518	NAVAL WEAPONS INDUSTRIAL RESERVE PLANT	SOUTH OYSTER BAY ROAD	11714	CERCLIS, FINDS	
BETHPAGE	U002096782	BETHPAGE W.D. PLANT 6	PARK LANE	11714	UST	

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
BETHPAGE	U001446275	CHARLES CAMPAGNE SCHOOL	PLAINVIEW RD.	11714	UST	052346
BETHPAGE	1000407948	NORTHERN ALLOYS INC	PLAINVIEW RD & MANCHESTER	11714	RCRIS-SQG, FINDS	
BETHPAGE	1001028645	NYSDOT BIN 1037880	POWELL AVE OVER RTE 135	11714	RCRIS-LQG	
BETHPAGE	S100666388	GRAND CARTING COMPANY	ROUND SWAMP ROAD	11714	LUST	9001430
BETHPAGE	S100664722	UNK	ROUND SWAMP ROAD	11714	LUST	9205621
BETHPAGE	S100781376	TIM HARBULAK PASS VEHICLE	S.O.B EXIT 9 SO BOUND	11714	LUST	9310169
BETHPAGE	U002096706	BETHPAGE WD PLANT 4	SOPHIA STREET	11714	UST, AST	
BETHPAGE	S100878944	MEENAN OIL	SOPHIA STREET	11714	LUST	9313893
BETHPAGE	U002264558	JOHN H. WEST SCHOOL	STEWART & BOUNDARY AVES.	11714	UST	
BETHPAGE	U002264557	NORTHEDGE SCHOOL	STEWART AVE.	11714	UST	
BETHPAGE	S101340109	DIFAZIO ELECTRIC (G.C.)	STEWART AVE	11714	LUST	9411984
BETHPAGE	S101173536	TOWN OF OYSTER BAY	STEWART AVE	11714	LUST	9409098
BETHPAGE	S100521004	NAVAL WEAPONS IND. RESERVE PLANT	STEWART AVENUE	11714	SHWS	
BETHPAGE	1000432425	SERVICE STATION	N/S STEWART & CHERRY AVES	11714	FINDS, RCRIS-LQG	
BETHPAGE	1000243981	BETHPAGE COMMUNITY PARK	STEWART AVE	11714	RCRIS-SQG, FINDS, UST, LUST	9110161
BETHPAGE	S101658135	PAUL SOHAYEGH RESIDENCE	37 STYMUS AVENUE	11714	LUST	9505164
BETHPAGE	S100149786	ESTEE LANDER	182 SWEAT HOLLOW RD.	11714	LUST	8707804
BETHPAGE	S100149789	ESTEE LAUDER	182 SWEET HOLLOW ROAD	11714	LUST	8707921
BETHPAGE	S100490592	ISLAND TRANSPORT CORP	SOUTH WAREHOUSE AT GRUMMA	11714	LUST	9105673
FARMINGDALE	1000243984	BETHPAGE STATE PARK	BETHPAGE PKY	11714	RCRIS-SQG, FINDS, LUST	8807195
FARMINGDALE	U000726342	FRG-AIR TRAFFIC CONTROL TOWER	REPUBLIC AIRPORT	11714	UST, AST	1-1280
GARDEN CITY	1000788293	MTA BUS GARGE (FORMERLY PUREX IND INC)	COMMERCIAL AVE (MITCHELL FIELD	11756	FINDS	
HICKSVILLE	9202672	15602 JACINTO PORT BLVD NO. B DOCK		11801	ERNS	
HICKSVILLE	9201947	1401 SHERIDAN AVE		11801	ERNS	
HICKSVILLE	1000335584	EXXON CO USA - HICKSVILLE	RTE 106 & 107	11801	FINDS, RCRIS-LQG	
HICKSVILLE	1000144487	TEXACO SERVICE STATION - 13-006-0196	RTE 107 & BETHPAGE RD	11801	FINDS, RCRIS-LQG	
HICKSVILLE	1000895926	MICRO CONTACTS INC.	62 ALPHA PLAZA	11801	TRIS, AST	
HICKSVILLE	1000365637	MICRO CONTACTS INC	62 ALPHA PLAZA	11801	FINDS, RCRIS-LQG	1-000167
HICKSVILLE	1000356865	ANDREWS-NUNNERY ENVELOPE AND PAPER CO.	74 ALPHA PLAZA	11801	RCRIS-SQG, FINDS	
HICKSVILLE	1000273024	STOKVIS MULTITON CORP.	51 ALPHA PLAZA	11801	FINDS, RCRIS-LQG	
HICKSVILLE	1000556708	NEWBAR SERVICE CENTER	1 BARTEL LANE	11801	RCRIS-SQG, FINDS	
HICKSVILLE	1000457675	HICKSVILLE WATER DIST	BETHPAGE & WOODBURY RDS - N 1000 FT	11801	FINDS, LUST	9007547
HICKSVILLE	1000412461	CONTINENTAL COLLISION	77B BLOOMINGDALE RD	11801	RCRIS-SQG, FINDS	
HICKSVILLE	1000791908	WHOLE SALE TIRE CO	358 B BROADWAY MALL	11801	FINDS	
HICKSVILLE	1000555555	M G M TOWING & AUTOMOTIVE	870 S BROADWAY - FRONT OF BLDG	11801	RCRIS-SQG, FINDS	
HICKSVILLE	1000335580	EXXON CO	BROADWAY & RTE 106	11801	RCRIS-SQG, FINDS	
HICKSVILLE	1000261466	ENVIRONMENTALLY SAFE TRANSPORT	23 CHARLOTT AVE	11801	RCRIS-SQG, FINDS	
HICKSVILLE	S100669239	GALILEO GALLAY LODGE	200 LEVITTOWN PKY	11801	LUST	9002638
HICKSVILLE	S100667442	USPO	106 LUDY ST	11801	LUST	9106495
HICKSVILLE	1000961116	NATL LUBRICATION SYSTEMS LTD	1300 MID ISLAND PLAZA	11801	FINDS	
HICKSVILLE	1000457676	HICKSVILLE WATER DISTRICT	NEWBRIDGE RD	11801	FINDS	
HICKSVILLE	1001010740	SUNRISE PROFESSIONAL SVC INC	73A OLD COUNTRY RD DELCO PLAZA	11801	FINDS	
HICKSVILLE	1000789398	GETTY SVC STA	178 OLD COUNTRY RD	11801	RCRIS-SQG, FINDS	
HICKSVILLE	1000788768	WESTERN AUTO REPAIR	67 OLD COUNTRY RD	11801	FINDS	
HICKSVILLE	1000381240	FRESH START CLEANERS	212 OLD COUNTRY ROAD	11801	FINDS, RCRIS-LQG	
HICKSVILLE	1000144528	TEXACO SVC STA	180 OLD COUNTRY RD	11801	FINDS, RCRIS-LQG	

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
HICKSVILLE	1000140663	S.S. PREMISES C/O SHELL OIL CO.	500 OLD CO. RD & LEVITTOWN RD	11801	FINDS, RCRIS-LQG	
HICKSVILLE	S100669283	GETTY S/S	400 S OYSTER BAY RD	11801	LUST	9009085
HICKSVILLE	1000358704	AMERICAN DRIVE IN CLEANERS	418 S. OYSTER BAY ROAD	11801	FINDS, RCRIS-LQG	
HICKSVILLE	1000121900	OUR LADY OF MERCY CHURCH	500 SOUTH OYSTER BAY ROAD	11801	RCRIS-SQG, FINDS	
HICKSVILLE	1001010743	MERIT OYSTER BAY	496 PLAINVIEW RD	11801	FINDS	
HICKSVILLE	1000549569	LIFESPAN PRODS COMPANY INC	126 QUALITY PLAZA	11801	FINDS	
ISLAND PARK	95305650			11801	ERNS	
JERUSALEM	S101102772	KEUKA LAKE STATE PARK	ROUTE 54A CAMP COMFORT ST	11714	LUST	9400514
JERUSALEM	S101508514	KEUKA COLLEGE	KEUKA COLLEGE	11714	LUST	7780920
JERUSALEM	S101340786	KEUKA COLLEGE	KEUKA PARK KEUKA COLLEGE	11714	LUST	9413939
LEVITTOWN	S100664038	REGENT MANAGEMENT	S BERRY AVE / HEMPSTEAD	11756	LUST	9006368
LEVITTOWN	S100665847	UNK TRACTOR TRAILER	DIVISION AVE/HEMPSTEAD TP	11756	LUST	8903605
LEVITTOWN	S100666382	JEROME RESIDENCE	3156 EUSTIN ROAD	11756	LUST	9001020
LEVITTOWN	S100168366	RESIDENCE	480 GARDNERS AVENUE	11756	LUST	8800317
LEVITTOWN	S100666838	AMOCO S/S	HEMPSTEAD TPKE	11756	LUST	9300451
LEVITTOWN	S100177165	GULF	HEMPSTEAD TPKE / JERUSALE	11756	LUST	9102426
LEVITTOWN	S100151999	TSS/K MART	HEMPSTEAD TPKE / GARDENER	11756	LUST	9101167
LEVITTOWN	S100149526	SCORE/DR. NICK'S	3190/3200 HEMPSTEAD TPK	11756	LUST	8201143
LEVITTOWN	1000791011	GETTY SVC STA	3730 HEMPSTEAD TNPK	11756	RCRIS-SQG, FINDS	055549
LEVITTOWN	1000554497	KICK & HALLER INC	3000 HEMPSTEAD TNPK	11756	RCRIS-SQG, FINDS	
LEVITTOWN	1000414767	GOTTLIEB MARC DDS	3601 HEMPSTEAD TNPK SUITE 420	11756	FINDS, RCRIS-LQG	
LEVITTOWN	1000358736	AMERICAN CLEANERS	3801 HEMPSTEAD TPK	11756	FINDS, RCRIS-LQG	
LEVITTOWN	1000328771	SUNOCO SERVICE STATION	4295 HEMPSTEAD TNPK & DIV AVE	11756	RCRIS-SQG, FINDS	
LEVITTOWN	1000256075	LEVINE ANDREW M & ASSOC	2900 HEMPSTEAD TNPK SUITE 111	11756	RCRIS-SQG, FINDS	
LEVITTOWN	S100173023	NEW YORK TELEPHONE	3313 HEMPSTED TKPE.	11756	LUST	8901985
LEVITTOWN	1000267145	SALK SCHOOL	JERUSALEM & WANTAGH AVE	11756	FINDS, RCRIS-LQG	
LEVITTOWN	S100492019	PENASKY RESIDENCE	183 KINGFISHES ROAD	11756	LUST	9209374
LEVITTOWN	S100147448	MAJOR FUEL OIL CO	LAUREL LA / ORCHARD ST	11756	LUST	8807549
LEVITTOWN	S101173985	MEENAN OIL	299 LOCKSMITH ROAD	11756	LUST	9408986
LEVITTOWN	S100177624	HOLIDAY MGT CORP	LONGFELLOW AVENUE	11756	LUST	9112208
LEVITTOWN	S101173984	RELIANCE	178 MERDIAN ROAD	11756	LUST	9408919
LEVITTOWN	S100168939	MEENAN OIL	36 OAK TREE LANE	11756	LUST	8807457
LEVITTOWN	S100170794	GALLEI	8 PINE COVE DR.	11756	LUST	8603980
LEVITTOWN	S101508043	MEENAN OIL	17 SHELTA LANE	11756	LUST	9415247
LEVITTOWN	S100174807	RELIANCE UTILITIES	10 SHERPARD LANE	11756	LUST	9101321
LEVITTOWN	S100148673	CASTEL COAL & OIL CO.	STOKES SCHOOL/CONDOR RD	11756	LUST	8607293
LEVITTOWN	S100666484	UFI INC	STRAIGHT LANE	11756	LUST	9006235
LEVITTOWN	1000300430	SUMMIT LANE SCHOOL	SUMMIT LANE	11756	FINDS, RCRIS-LQG, UST	
LEVITTOWN	1000385448	SMILE CLEANERS INC	6 E VILLAGE GREEN	11756	RCRIS-SQG, FINDS	
LEVITTOWN	S101508022	UNK	181 WILLOWWOOD	11756	LUST	9414879
LEVITTOWN	S100665851	MURPHY RESIDENCE	26 WOODGREEN LANE	11756	LUST	8903731
NEW YORK	95286043			11801	ERNS	
NORTHPORT	94222587	EDENS NECK RD & WATERSIDE AVE		11801	ERNS	
PERTH AMBOY	95309061			11801	ERNS	
PLAINEDGE	1000558022	NYSDOT BIN 108119	RTE 135 OVER RTE 24	11714	FINDS, RCRIS-LQG	
PLAINEDGE	S100666937	LILCO	169 WILLIAM ST	11756	LUST	9303176
PLAINVIEW	S100664144	UNK	RTE 135/NO OF EXIT 11	11803	LUST	8902553

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
PLAINVIEW	S101658263	VEHICLE	RTE 495 WB / EXIT 42	11803	LUST	9507635
PLAINVIEW	S100665795	ENVIRONMENTAL DRILLING	AMES CT / COMMERCIAL DR	11803	LUST	8809881
PLAINVIEW	S100149353	CONSERVATIVE EXPRESS	105 AMFESCO DRIVE	11803	LUST	8709174
PLAINVIEW	1000258693	STRATFORD ROAD SCHOOL	BEDFORD RD-ESSEX RD	11803	FINDS, RCRIS-LQG	
PLAINVIEW	1000154773	HOWARD B MATTLIN MIDDLE SCHOOL	BRADFORD RD - ROUND TREE DR	11803	FINDS, RCRIS-LQG	
PLAINVIEW	S100664054	]LD BETHPAGE HIGH SCHOOL	CENTRAL PARK ROAD	11803	LUST	9007474
PLAINVIEW	1000368827	CHERRY LANE LITHOGRAPHING CORP	30 COMMERICAL CT	11803	FINDS, RCRIS-LQG	
PLAINVIEW	S100664530	NYSDOT	DUFFY AVE NYSDOT YARD	11803	LUST	9200925
PLAINVIEW	1000364031	CHARLES AND RAYMOND SASSOON	137 EXPRESS ST SHOPPING CTR	11803	FINDS, RCRIS-LQG	
PLAINVIEW	S101340016	RELIANCE	138 GRACIE ST	11803	LUST	9410274
PLAINVIEW	S101658165	UNK	LIE E/B	11803	LUST	9505526
PLAINVIEW	1000553494	MOBIL OIL CORP SS #A8T	LIE & ROUND SWAMP RD	11803	RCRIS-SQG, FINDS	
PLAINVIEW	1000273053	PARKWAY ELEMENTARY SCHOOL	MANETTO HILL RD-CENTRAL PK RD	11803	FINDS, RCRIS-LQG	
PLAINVIEW	1001021557	MERGANTHALER LINOTYP	MERGANTHALER DR	11803	FINDS	
PLAINVIEW	1001021561	MERGENTHALER LINOTYPE CO	MERGENTHALER DRIVE	11803	FINDS	
PLAINVIEW	1000233699	MERGENTHALER LINOTYPE CO	14 MERGENTHALER DR	11803	FINDS, RCRIS-LQG, CERC-NFRAP	
PLAINVIEW	S100663820	SPACE AGE ENERGY	MILFORD AVENUE	11803	LUST	9100883
PLAINVIEW	1000168477	JOYCE ROAD ELEMENTARY	MITCHELL AVE/JOYCE ROAD	11803	FINDS, RCRIS-LQG	
PLAINVIEW	1000241638	MACHINE COMPONENTS CORPORATION	70 NEW ROAD	11803	FINDS, RCRIS-LQG	
PLAINVIEW	1000890160	J F K PREP INC 2	100 NEWTOWN RD SUITE C	11803	RCRIS-SQG, FINDS	
PLAINVIEW	1000352657	ULTRA-GRAPHICS INC	16-20 NEWTOWN PLAZA	11803	FINDS, RCRIS-LQG	
PLAINVIEW	1000300828	GRIMM & NORTON	64 NEWTOWN PLAZA	11803	RCRIS-SQG, FINDS	
PLAINVIEW	S100665941	ISLAND TRANSPORTATION	OLD CTRY RD/RD SWAMP ROAD	11803	LUST	8909030
PLAINVIEW	S100664874	JAMAICA ASH	OLD COUNTRY ROAD	11803	LUST	9209403
PLAINVIEW	S100490933	NCDPW	1535 OLD COUNTRY ROAD	11803	LUST	9200426
PLAINVIEW	S100177607	SHELL OIL	OLD COUNTRY ROAD	11803	LUST	9111978
PLAINVIEW	S100171919	SHELL S/S	OLD COUNTRY ROAD	11803	LUST	8706265
PLAINVIEW	S100148690	NY TELEPHONE CO.	OLD COUNTRY ROAD	11803	LUST	8607478
PLAINVIEW	1000258691	PLAINVIEW SHELL, INC.	S. OYSTER BAY RD. & OL CTRY RD	11803	FINDS, RCRIS-LQG	
PLAINVIEW	S100492056	SHELL S/S	PLAINVIEW / OLD CTRY ROAD	11803	LUST	9209688
PLAINVIEW	1000145403	PASADENA DRIVE ELEMENTARY SCHOOL	RICHARD COURT/BENMUR STREET	11803	FINDS, RCRIS-LQG	
PLAINVIEW	S100149233	PLAINVIEW FIRE DISTRICT	ROUND SWAMP / OLD BETHPAG	11803	LUST	8707415
PLAINVIEW	1000229340	PROFILE SEPARATION & PREP INC	21 SHEER PLAZA	11803	FINDS, RCRIS-LQG	
PLAINVIEW	S101658198	OLD BETHPAGE SCHOOL	STADFORD ROAD SCHOOL	11803	LUST	9506301
PLAINVIEW	S100667008	LA GREG A SANDOS	SUNNYSIDE BLVD EXIT 46	11803	LUST	9304939
PLAINVIEW	S100177523	PLAINVIEW COMM PARK	WASHINGTON BLVD	11803	LUST	9110559
PORT JEFFERSON	95300308			11801	ERNS	
PORT WASHINGTON	95291427			11801	ERNS	
STUART	1000698804	GRUMMAN AEROSPACE CORP #77	SR A1A 1 MI S OF STUART	11714	RCRIS-LQG, RCRIS-TSD, RAATS, CORRACTS	
W BABYLON	1000328729	SUNOCO SVC STA	655 FARMINGDALE RD	11714	FINDS	
WHITESTONE	94215386	CONFIGURATION OF EAST RIVER IN LONG ISLAND SOUND /E OF WHITE		11801	ERNS	

EPA Waste Codes Addendum

Code	Description
D000	NOT DEFINED
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D018	BENZENE
D027	1,4-DICHLOROBENZENE
D035	METHYL ETHYL KETONE
D039	TETRACHLOROETHYLENE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE

EPA Waste Codes Addendum

Code	Description
	CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F004	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F006	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
F017	NOT DEFINED
K050	HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY
K052	TANK BOTTOMS (LEADED) FROM THE PETROLEUM REFINING INDUSTRY
NONE	NONE
P122	ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)
U002	ACETONE (I)
U002	2-PROPANONE (I)

EPA Waste Codes Addendum

Code	Description
U028	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER
U028	DIETHYLHEXYL PHTHALATE
U044	CHLOROFORM
U044	METHANE, TRICHLORO-
U112	ACETIC ACID ETHYL ESTER (I)
U112	ETHYL ACETATE (I)
U122	FORMALDEHYDE
U140	ISOBUTYL ALCOHOL (I,T)
U140	1-PROPANOL, 2-METHYL- (I,T)
U147	2,5-FURANDIONE
U147	MALEIC ANHYDRIDE
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U159	2-BUTANONE (I,T)
U159	METHYL ETHYL KETONE (MEK) (I,T)
U190	1,3-ISOBENZOFURANDIONE
U190	PHTHALIC ANHYDRIDE
U196	PYRIDINE
U210	ETHENE, TETRACHLORO-
U210	TETRACHLOROETHYLENE
U213	FURAN, TETRAHYDRO-(I)
U213	TETRAHYDROFURAN (I)
U220	BENZENE, METHYL-
U220	TOLUENE
U223	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T)
U223	TOLUENE DIISOCYANATE (R,T)
U226	ETHANE, 1,1,1-TRICHLORO-

EPA Waste Codes Addendum

Code	Description
U226	METHYL CHLOROFORM
U239	BENZENE, DIMETHYL- (I,T)
U239	XYLENE (I)
X001	WASTE OILS

D

APPENDIX D

RECORD OF DECISION
AND
SUPPLEMENTAL INFORMATION

DEPARTMENT OF THE NAVY
NORTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
10 INDUSTRIAL HIGHWAY
MAIL STOP, #82
LESTER, PA 19113-2090

IN REPLY REFER TO
5090
Code 1821/JLC

AUG 1 2 1996

Mr. John Cofman
Manager, Environmental Technology & Compliance
Northrop Grumman Corporation
Mail Stop D08-001
South Oyster Bay Road
Bethpage, NY 11714

RE: RECORD OF DECISION FOR OPERABLE UNIT #1, NWIRP BETHPAGE, NY

Dear Mr. Cofman,

Enclosed is a copy of the Navy's Record of Decision for remedial actions being conducted at NWIRP Bethpage, as requested. The ROD was jointly signed by representatives from the Department of Navy as well at New York State DEC.

If you would like to discuss the contents of the ROD, or any issue regarding the Navy's IR Program at Bethpage, please give me a call at (610) 595-0567, extension 163.

Sincerely,

JAMES L. COLTER
Remedial Project Manager
by direction of the
Commanding Officer

Enclosure

RECORD OF DECISION
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK
SITES 1, 2, 3
NYS REGISTRY: 1-30-003B

PREPARED BY

NORTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND

AND

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MAY 1995

DECLARATION FOR THE RECORD OF DECISION

SITE NAME AND LOCATION

Naval Weapons Industrial Reserve Plant (NWIRP), Bethpage
Town of Oyster Bay
Nassau County, New York
New York Registry Number: 1-30-003B
Funding Source: Defense Environmental Restoration Account (DERA)

STATEMENT OF BASIS AND PURPOSE

The selected remedial action for the NWIRP Bethpage site is presented in this decision document. The selection was made in accordance with the New York State Environmental Conservation Law (ECL), and is consistent with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986. The factual and legal bases for selecting the remedy for this site is summarized in this decision document.

A list of documents that comprise the Administrative Record for the site is presented in Exhibit A. The documents in the Administrative Record provide the bases of this Record of Decision.

ASSESSMENT OF THE SITE

Actual or threatened releases of hazardous substances from this site, if not addressed by implementing the response action described in this Record of Decision (ROD), present a current or potential threat to human health and the environment.

DESCRIPTION OF THE SELECTED REMEDY

Major components of the selected remedy include the following:

1. A **remedial design** to verify the components and provide the details necessary for the construction and implementation of a soil excavation and disposal program as well as a vapor extraction and air sparging (VE/AS) program. This will include delineation of the arsenic-contaminated soil area and the PCB-contaminated soil area. During the design process, an appropriate off-site incineration facility will be chosen which will accept that volume of soil contaminated with PCBs at concentrations in excess of 500 ppm. Also, an appropriate landfill will be chosen which will accept that volume of soil contaminated with PCBs at concentrations between 10 ppm and 500 ppm.

   The design will also provide for the development and implementation of an Operation and Maintenance Plan for the VE/AS system.

2. **Active remediation of the contaminated soils** by (1) excavating the arsenic-contaminated soils and fixating them either on-site or off-site and then disposing of the fixated product in an appropriate off-site landfill; (2) excavating the PCB-contaminated soils and incinerating (off-site) those soils with concentrations above 500 ppm and landfilling (off-site) those soils with concentrations between 10 ppm and 500 ppm. The Navy, at its discretion, may elect to incinerate PCB-contaminated soils with concentrations that are below 500 ppm, depending upon the volume. Pre-excavation sampling and analysis will be conducted to try and initially determine the volume of soils which should be included into each of the different disposal categories. During excavation, adjustments to the initial volumes may be made by using field screening kits. Confirmatory sampling will be conducted to determine when the excavation of soils is complete.

Active remediation of the VOC-contaminated soils will be accomplished by using a vapor extraction/air sparging (VE/AS) technology. This technology will address the VOC-contaminated vapor plume which exists in the unsaturated soils beneath portions of both Site 1 and Plant 3. The areas to be treated will have VOC concentrations equal to or greater than those shown in Table 3. Confirmatory sampling will be conducted to determine when these levels have been achieved. Please note that these levels are equal to three times the preliminary remediation goals (PRGs) for VOCs found in Table 1. The concentrations for VOCs which are to remain in place which exceed the PRGs are not expected to recontaminate the groundwater in excess of Federal or State standards and will eventually be flushed out of the unsaturated soils over a period of years via natural attenuation.

3. Indirect remediation of groundwater will be achieved by excavation and treatment of the sources of groundwater contamination, namely, the contaminated soils. In addition, the upper layers of the aquifer will be partially remediated via the air sparging technology.

4. The following institutional controls will be implemented:

   a. A 6-inch permeable gravel and/or vegetated soil cover will be installed on top of those areas where residual metal and organic contamination is expected to remain in place. This will ensure that the exposure pathways are eliminated from contact with the residual contamination. The permeability is required in order to promote rain water infiltration and natural attenuation of the residual VOCs.

   b. Deed restrictions will have to be invoked to restrict certain types of activities in areas where the residual contamination is expected to remain.

5. This Record of Decision also provides for an interim remedial measure (IRM). Specifically, the Navy will reimburse the Bethpage Water District (BWD) for costs that have been determined to be fair and reasonable which are associated with providing a groundwater treatment system to the public water supply wells located at the Bethpage Water District's Plant #5. This treatment system is required to address anticipated future impact to BWD Plant #5 as a result of past VOC contamination emanating from the Navy's property. It will be the decision of the Bethpage Water District as to the type of treatment which will be provided to Plant #5. A determination of what is considered fair and reasonable will be made after a Navy review of the treatment system's plans and specifications and subsequent negotiations with the Bethpage Water District. The expenditure of funds associated with the reimbursement process is what will be considered as the Navy's IRM.

DECLARATION

The selected remedy is protective of human health and the environment, complies with State and Federal requirements that are legally applicable or relevant and appropriate to the remedial action to the extent practicable, and is cost effective. This remedy utilizes permanent solutions and alternative treatment to the maximum extent practicable. Because this remedy will not allow for unlimited use and unrestricted exposure within five years after commencement of remedial action, a five year policy review will be conducted. This evaluation will be conducted within five years after completion of the construction of the remedial action to ensure that the remedy continues to provide adequate protection of human health and the environment.

CAPTAIN S. R. BEATTIE
by direction of the
Commander, Naval Air Systems Command

7/5/95
Date

Michael J. O'Toole, Jr.
Director, Division of Hazardous Waste Remediation
New York State Department of Environmental Conservation

TABLE OF CONTENTS

FIGURES

TABLES

RECORD OF DECISION
SITES 1, 2 & 3
NWIRP BETHPAGE, NEW YORK

SECTION 1.0: SITE LOCATION AND DESCRIPTION

The Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage is located in Nassau County on Long Island, New York, approximately 30 miles east of New York City (see Figure 1). This 108 acre site is bordered on the north, west, and south by Northrop Grumman facilities which covers approximately 605 acres, and, on the east, by a residential neighborhood (see Figure 2). The NWIRP is currently listed by NYSDEC as an "inactive hazardous waste site" (#1-30-003B) as is the Northrop Grumman Corporation (#1-30-003A) and the Hooker/RUCO site (#1-30-004) located less than 1/2 mile west of the NWIRP Bethpage.

The NWIRP was divided into three sites for the purpose of conducting Remedial Investigations. These three sites encompass most of the 108 acres (see Figure 3). A brief description of each site is presented below.

SITE 1 - FORMER DRUM MARSHALING AREA - This site is located in the middle third of the NWIRP facility and east of Plant 3. It consists of two concrete drum storage pads (no longer active) and an abandoned cesspool leach field. In addition, this area has been used as a storage area for various types of equipment and heavy materials, including transformers.

SITE 2 - RECHARGE BASIN AREA - This area is located in the northeast corner of the Navy's property and north of Site 1. It contains three recharge basins which currently receive non-contact cooling water. Historically, these basins also received rinse waters from Grumman's operations. Also located on this site are the former sludge drying beds which no longer exist and have been filled in. Sludge from the Plant 02 industrial waste treatment facility was dewatered in these beds before being disposed of off site.

SITE 3 - SALVAGE STORAGE AREA - This site is located in the north-central portion of the Navy's property, north of Plant 3 and west of the recharge basin area. A portion of this area is used to store fixtures, tools, and other metallic debris including old aircraft parts. Another portion of the site is the location of the current drum marshaling facility and a third section of this site is currently used as a parking lot.

SECTION 2.0: HIGHLIGHTS OF COMMUNITY PARTICIPATION

In accordance with the requirements of the Superfund Amendments and Reauthorization Act (SARA) of 1986, as well as the Navy's Installation Restoration (IR) Program, the Navy created a Technical Review Committee (TRC). In addition to the appropriate Navy representatives, this committee includes representatives from EPA Region 2, the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH), and local authorities including the local board of health and local water authority. Also included in this committee are representatives from the Northrop Grumman Corporation along with their environmental consultant. The overall goal of this committee is to keep all interested parties informed and involved in the Navy's IR program. The role of the committee is to actively participate in the development of the scope of work for continued Remedial Investigations (RI) and Feasibility Studies (FS), as well as provide technical review and comment during the execution of the RI/FS and to assist in the selection of remedial technologies based upon the data gathered by the Navy's consultants.

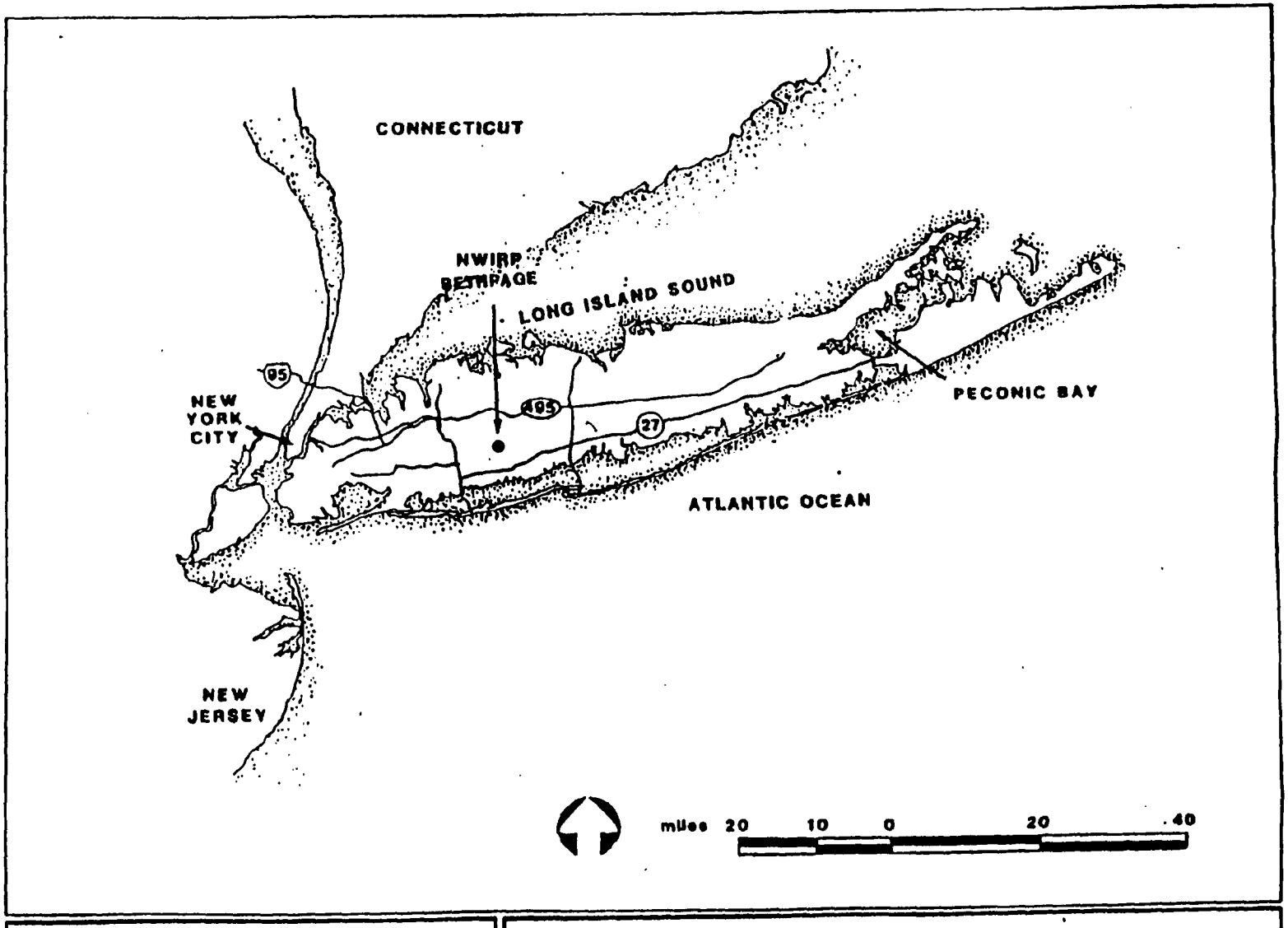
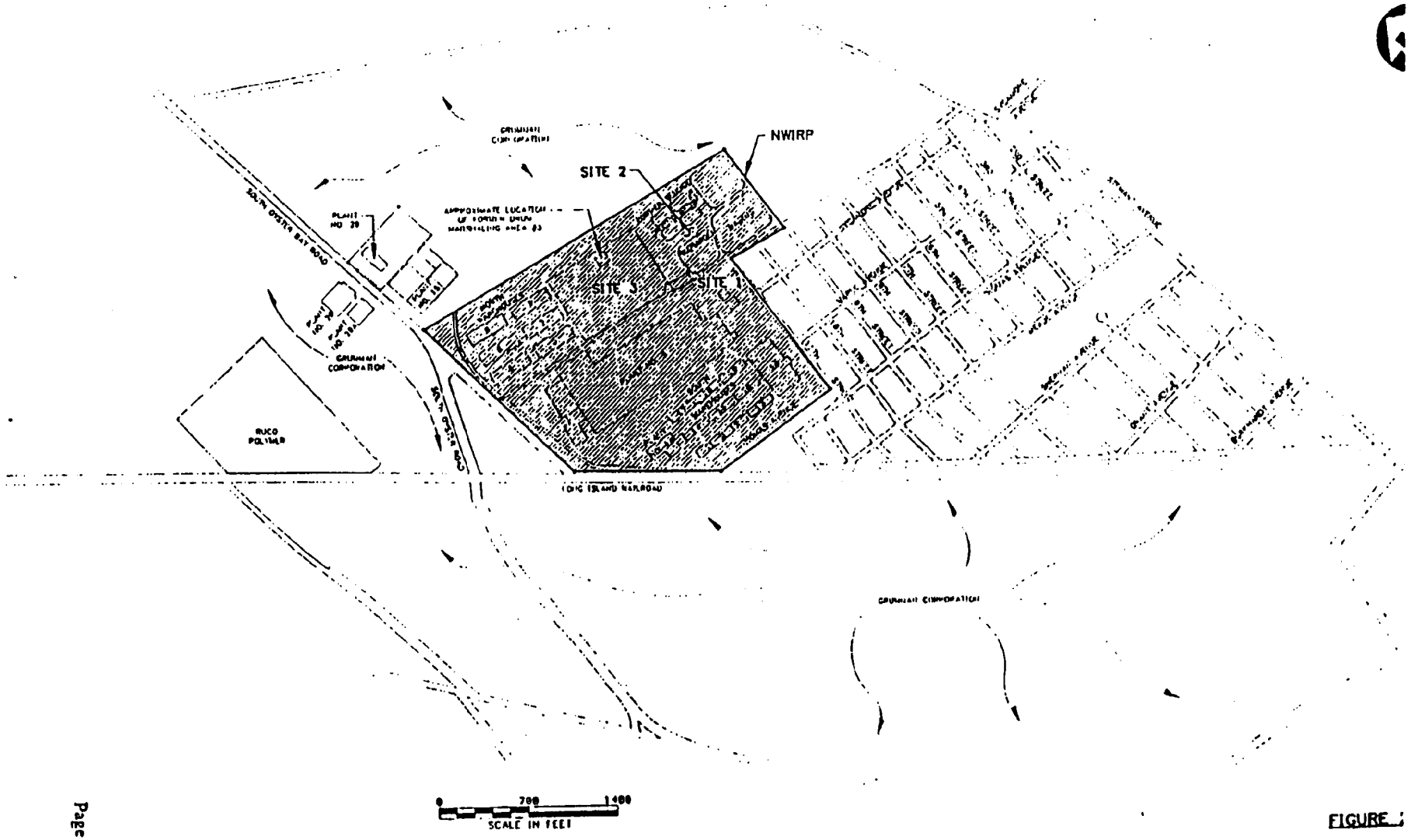


FIGURE 1

General Location Map,
NWIRP Bethpage, New York

Naval Weapons Industrial
Reserve Plant
Bethpage,
Long Island, New York



SITE LAYOUT MAP
PHASE 2 – REMEDIAL INVESTIGATION/FEASIBILITY STUDY
NWIRP, BETHPAGE, NEW YORK

FIGURE 1

HALLIBURTON
Environmental Corpo

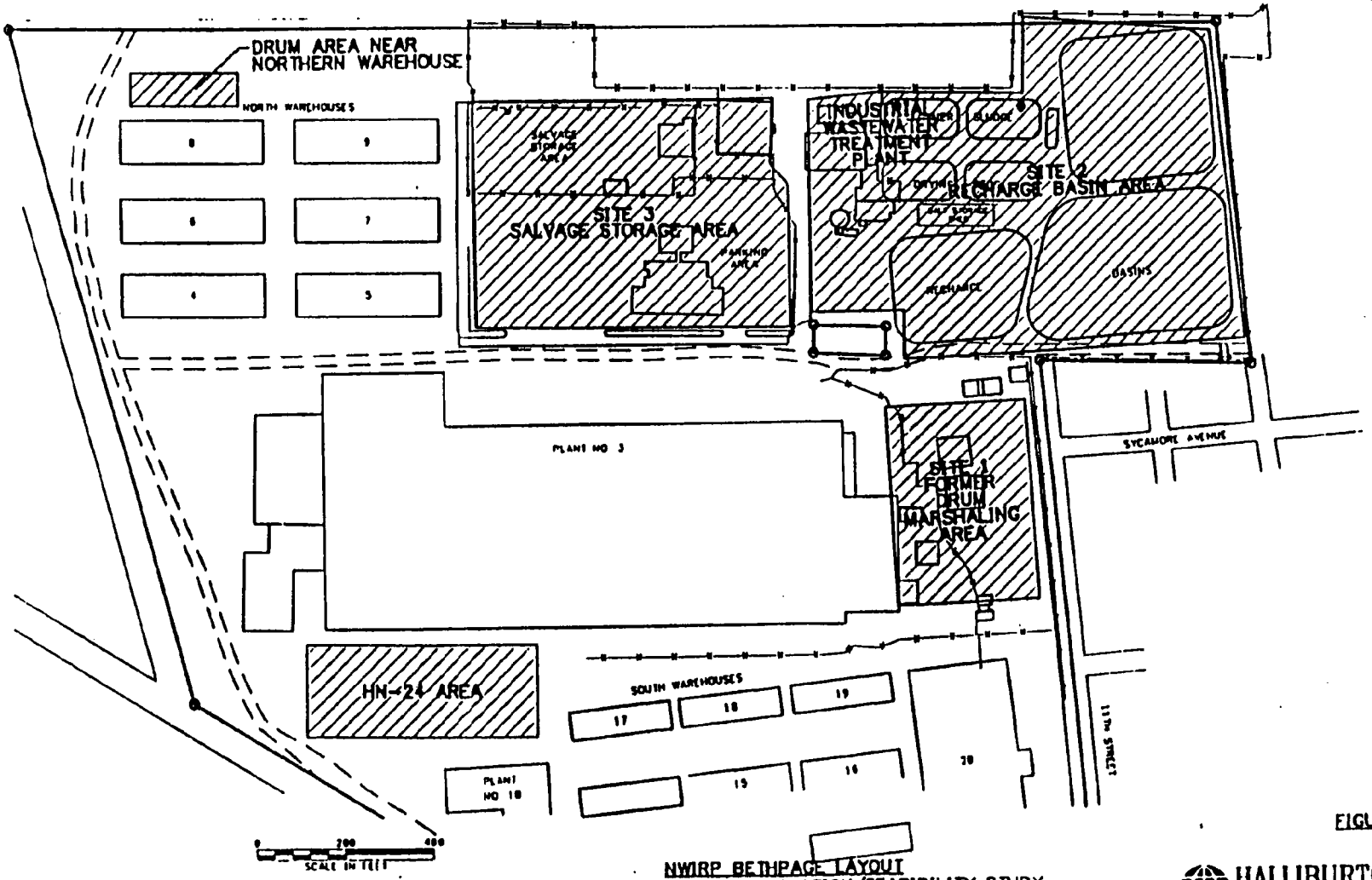


FIGURE 3

NWIRP BETHPAGE LAYOUT
PHASE 2 REMEDIAL INVESTIGATION/FEASIBILITY STUDY
NWIRP, BETHPAGE, NEW YORK

HALLIBURTON NUS
Environmental Corporation

A Public Meeting was conducted on June 8, 1992 at the Bethpage High School, during which the results of the Navy's Phase I Remedial Investigation were presented. This meeting was held in conjunction with the Grumman Corporation, which presented the results to date of their Remedial Investigation.

Other aspects of community participation have included:

* Establishment of information repositories where all of the documents generated by the Navy are on file and are available for public review. The local repository can be found at the Bethpage Public Library at 47 Powell Avenue in Bethpage. There are also two other repositories, one located at the NYSDEC Central Office in Albany, NY, and the other is at the NYSDEC Region 1 Office in Stony Brook, NY.
* Development of a "mailing list" of interested parties (e.g. local citizens, public officials, governmental agencies, media, etc.).
* Distribution of Fact Sheets in October and November of 1992; February and September of 1993; and in October of 1994. These Fact Sheets were developed in order to keep those on the mailing list informed as to the status of the Navy's environmental activities as well as any future actions planned by the Navy.

In addition, the Navy also sponsored a neighborhood workshop on November 18, 1992, at the Bethpage High School to informally meet with local citizens to discuss any issues or concerns that they had regarding the upcoming offsite environmental work that was planned for their neighborhood.

Finally, the Navy, along with the NYSDEC, sponsored a public meeting on November 15, 1994, at the Bethpage High School, to announce the release of the Proposed Remedial Action Plan (PRAP) and to solicit comments from the community regarding the plan.

SECTION 3.0: SITE HISTORY

3.1: Operational/Disposal History

The NWIRP was established in 1933 and is still active. Since its inception, the primary mission for the facility has been the research prototyping, testing, design engineering, fabrication, and primary assembly of military aircraft.

The facilities at NWIRP include four plants (Nos. 3, 5, and 20, used for assembly and prototype testing; and No. 10, which contains a group of quality control laboratories), two warehouse complexes (north and south), a salvage storage area, water recharge basins, an industrial wastewater treatment plant and several smaller support buildings.

The following is a discussion of the waste handling and disposal practices at each of the three sites at NWIRP Bethpage:

SITE 1: From the early 1950's to 1978, drums containing liquid wastes were stored on a cinder covered area over a cesspool leach field. This leach field may have been used to discharge process wastewater. In 1978, the drum storage area was moved a few yards to the south to a 100- by 100-foot concrete pad. This pad did not have a cover nor were there any berms around it. In 1982, the drum storage area was moved to its present location at Site 3.

Materials which were stored at Site 1 included various solvents. Cadmium and cyanide wastes were also stored in this area from the early 1950's through 1974. Approximately 200 to 300 drums were stored at these locations at any given time. Reportedly, all drums of waste which were stored at these areas were taken off-site by a private contractor for treatment and disposal.

SITE 2: Prior to 1984, some Plant 3 production-line rinse waters were discharged to the recharge basins. These waters were directly exposed to chemicals used in the industrial processes (involving the rinsing of manufactured parts). Only non-contact cooling water is discharged to these basins today. The source of the non-contact cooling water is on-site production wells.

On at least one occasion (1956), hexavalent chromium was detected in the recharge basins water at concentrations in excess of allowable limits. This matter was discovered and handled by the Nassau County Department of Health.

Adjacent and west of the recharge basins are the former sludge drying beds. Sludge from the Plant 02 Industrial Waste Treatment Facility (located in the southern portion of the Grumman complex) was dewatered in these beds before being disposed of off-site.

SITE 3: The NWIRP Bethpage salvage storage area has been used for the storage of fixtures, tools, and metallic wastes, such as aluminum and titanium scraps, since the early 1950s. Cutting oils dripped from some of this metal; however, this contamination is superficial. About 1960, the salvage storage area was reduced in size to accommodate parking.

In addition to salvage storage, a 100- by 100-foot area within this site was used for the marshaling of drummed wastes. This area was reportedly covered with coal ash cinders. This activity took place between the early 1950s and 1969. Wastes stored in this area included halogenated and nonhalogenated solvents (VOCs). The exact location is not known, but is believed to be near the current drum marshaling area. The current drum marshaling area has a concrete pad with a berm to contain spills and a steel canopy over it.

3.2: Remedial History

An Initial Assessment Study (IAS), conducted in 1986, was used to document contamination at NWIRP Bethpage. After that, a two-phase remedial investigation (RI) was initiated. The Phase 1 RI was completed in May 1992. The Phase 2 RI was then implemented to supplement the Phase 1 results and was completed in October 1993. Based upon the data gathered during both phases of the RI, a Feasibility Study (FS) was conducted. This FS was finalized in March 1994. The following is a more detailed discussion of each of the studies conducted at NWIRP Bethpage.

Initial Assessment Study

An Initial Assessment Study (IAS) of the NWIRP Bethpage and NWIRP Calverton sites was conducted in 1986. Based on the results of this study, it was concluded that three areas at the Bethpage site may pose a threat to human health or the environment. These three sites are known as Site 1 - Former Drum Marshaling Area (identified as Site 7 in the IAS), Site 2 - Recharge Basin Area (identified as Site 8 in the IAS), and Site 3 - Salvage Storage Area (identified as Site 9 in the IAS). These sites were renumbered to avoid confusion with the site designations for similar activities being conducted at the NWIRP Calverton.

Remedial Investigation

In August 1991, a Remedial Investigation (RI) was initiated at NWIRP Bethpage to attempt to determine the nature and extent of the contamination found during the IAS and how that contamination was related to each of the three sites.

Based on the conclusions of the Phase 1 RI, it was decided to proceed with a Phase 2 RI. The objectives of this second phase study were to determine the extent of PCB contamination at all three sites as well as the extent of the offsite groundwater contamination to the east in the adjacent neighborhood. Also, there was an attempt to identify the source of the significant finding of TCE in well HN-24I discovered during the Phase 1 RI.

The following is a list of actions taken by the Navy during the RI phases to determine the nature and extent of contamination at NWIRP Bethpage:

* Soil-gas surveys were conducted at Sites 1, 2, and 3. Volatile organic compounds (VOCs) can be found in the air spaces between soil particles (pore spaces) in the unsaturated, or vadose, zone. Gas samples were extracted from pore spaces and analyzed for VOCs. This technology is useful as a screening tool for identifying source areas of VOC contamination, but its effective use is limited to the shallow and possibly intermediate soils. Soil-gas surveys are not normally effective for deeper soils.

* Sub-surface and surficial soil samples were collected as a means of verifying the soil-gas surveys and to determine the locations of potential source areas for other contaminants of concern, such as metals and polychlorinated biphenyls (PCBs).

* Temporary monitoring wells were installed and sampled in order to develop a rough picture of the groundwater quality at the water table. This was another method used to augment the soil-gas surveys.

* Permanent monitoring wells were installed in order to monitor groundwater quality on and off of the NWIRP facility and to aid in the development of a groundwater flow model. The locations of these wells were determined based on the results of the temporary monitoring well program, from a review of the site history, hydrogeological considerations, and preliminary computer modeling results. These wells consisted of 10-foot screened sections which were placed at three levels ranging from 60 to 250 feet below grade. These wells were also used to estimate the physical properties of the aquifer at the NWIRP.

The analytical data generated during the RI was compared to Applicable or Relevant and Appropriate Requirements (ARARs) and used in developing remedial alternatives for this site. Groundwater and drinking water criteria identified for this site were based on the Federal drinking water standards known as Maximum Contaminant Levels (MCLs) and Part 5 of the New York State Sanitary Code. For the evaluation of soil analytical results, Federal and State cleanup guidelines for the protection of groundwater, site background conditions, and risk-based remediation criteria were used to develop potential remediation goals.

Brief summaries of the RI are presented in the following sections. For a more detailed description of the RI results, the Phase 1 and 2 RI Reports, located at the Bethpage Public Library, should be consulted.

3.2.1 - Site 1

Phase 1 RI

A soil gas survey was conducted to help define the extent of VOC contamination and to assist in the selection of groundwater sampling locations. The samples were analyzed for select chlorinated VOCs (see Section 4.1 of the RI Report dated May 1992). Site 1 was found to contain the highest soil gas readings and the survey indicated that a source of VOCs was present near the former drum marshaling area and extended to the south.

Sampling of the subsurface soils revealed VOC contamination with concentrations that would contaminate groundwater in excess of Federal and State drinking water standards if the compounds were to migrate to the water table. In addition, arsenic was present in one of nine subsurface soil samples at a concentration that may classify it as a hazardous waste.

PCBs were found in two surface soil samples taken at Site 1 that exceed Federal and State criteria for those compounds.

A temporary monitoring well program was also conducted at this site. The wells were sampled and analyzed for select chlorinated VOCs. The results of this program confirmed that Site 1 was a source area of VOC contamination in the groundwater starting near the former drum marshaling area and extending downgradient towards the southwest. Solvents, measured as VOCs, are common chemicals used at the facility.

Seven permanent monitoring wells were installed at Site 1. Two rounds of groundwater sampling were conducted in this area. This groundwater contained 34 to 19,000 parts per billion (ppb) of VOCs. The Federal and State drinking water standard is 5 ppb per compound.

Phase 2 RI

Surface and subsurface soil samples from seven locations were collected during the Phase 2 RI in an attempt to define the extent of PCB contamination. PCBs were detected at all seven locations with concentrations ranging from 1.2 parts per million (ppm) up to 1,470 ppm. For comparison, Federal/State criteria for acceptable PCB concentrations are 1 ppm and 10-25 ppm for residential-use and industrial-use scenarios, respectively. The finding of PCBs at all sampling locations led to the conclusion that PCB contamination is wide spread over most of Site 1. Figure 4 shows the location where the maximum PCB concentration was found. This area was then targeted by the Navy for an interim response action in order to eliminate any potential threats from this area to onsite workers and offsite residents. See Section 4.3 for a more detailed description of the actions taken.

Two temporary monitoring wells were installed as part of the Phase 2 RI. These wells were installed primarily to provide water level measurements during the aquifer pumping test program. The wells were sampled and analyzed for the same compounds as previously analyzed for during the Phase 1 RI. The results of this sampling are similar to, and therefore confirm the Phase 1 RI conclusion, that this area is a source of VOC contamination.

3.2.2 - Site 2

Phase 1 RI

A soil gas survey was conducted to help define the extent of VOC contamination and to assist in the selection of groundwater sampling locations. The compounds which were being analyzed for were the same as those analyzed for at Site 1. The results of the survey seem to indicate the presence of a minor source area in the center of the site where low-level VOC readings were obtained in the shallow samples. However, it is expected that this contamination, should it reach the water table, would not contaminate the groundwater above drinking water standards. Lesser concentrations were obtained closer to the edges of the site and there were no VOCs detected at the outer boundary.

Subsurface soil sampling revealed low-level VOC contamination. PCBs were also identified at a depth of three feet at two locations. The highest PCB concentration detected at this site during the Phase 1 RI was 6.8 ppm. For comparison, Federal/State criteria for acceptable PCB concentrations are 1 ppm and 10-25 ppm for residential-use and industrial-use scenarios, respectively.

A total of 13 surface soil samples were obtained at Site 2. In general, trace to low-level VOCs were detected. PCBs were detected in most of the areas of Site 2, especially in the southern and western portions. Concentrations of PCBs ranged up to 3 ppm.

Surface water and sediment samples were taken in the recharge basins. Trace to low-level VOCs were identified in the surface water samples with TCE being the most notable. The concentrations found are similar to those found in the production wells which are the source of this water. Sediment samples from four locations revealed solvent contamination at trace to very low levels.

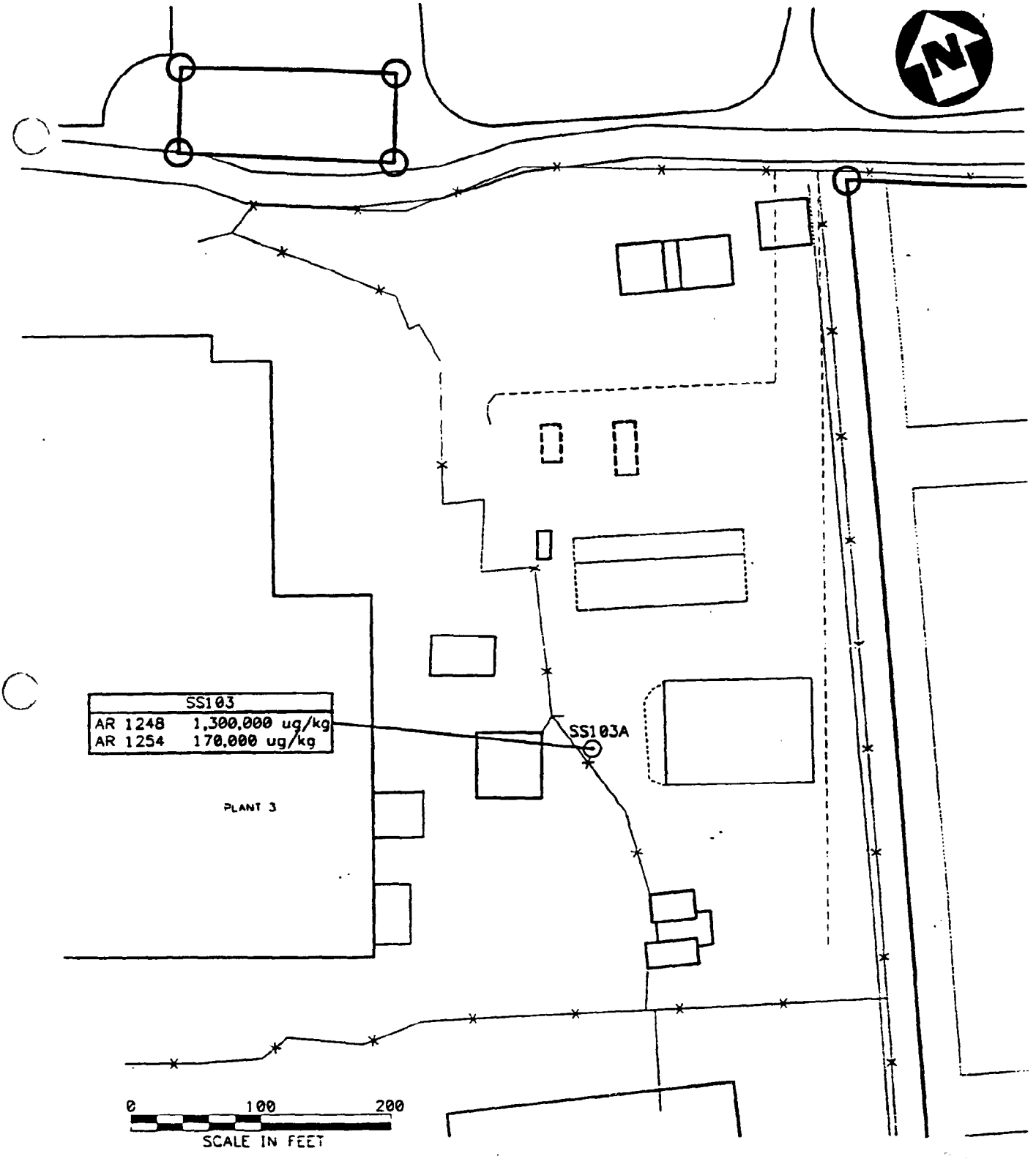


FIGURE 4

SITE 1 – PCB SOIL RESULTS
PHASE 2
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
NWIRP, BETHPAGE, NY

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Eleven temporary monitoring wells were sampled and analyzed for the same VOCs as analyzed for at Site 1. Volatile organic compounds were detected but only in four of the wells and the highest concentration was only 9 ppb (near the southern boundary of Site 2). For comparison, the Federal and State drinking water standard is 5 ppb per compound.

Phase 2 RI

Ten additional surface and subsurface soil samples were collected as part of the Phase 2 RI in an attempt to further define the extent of PCB contamination. PCBs were detected at all locations with concentrations ranging from 0.048 ppm up to 33.6 ppm. As with the case with Site 1, the finding of PCBs at all locations sampled led to the same conclusion that PCB contamination is wide spread over most of the site but at significantly lower concentrations than those found at Site 1.

3.2.3 - Site 3

Phase 1 RI

A soil gas survey was conducted at this site to help define the extent of VOC contamination and to assist in the selection of groundwater sampling locations. The compounds which were being analyzed for were the same as those analyzed for at Sites 1 and 2. The results of the survey seem to indicate a potential VOC source area near the southwest portion of the site.

Sampling of the subsurface soils revealed the presence of low-level VOCs. In general, concentrations of compounds in samples obtained at 19 feet were not significantly greater than concentrations at 3 feet. The results indicate that there appears to be low-level chlorinated VOC contamination at this site. PCBs were not identified in any subsurface soil samples.

A total of eight surface soil samples were collected at Site 3. In general, trace to low-level VOCs were detected in the surface soil samples. PCBs were detected in the northern and western portions of the site but at a maximum concentration of only 0.083 ppm. For comparison, Federal/State criteria for acceptable PCB concentrations are 1 ppm and 10-25 ppm for residential-use and industrial-use scenarios, respectively.

Nine temporary monitoring wells were sampled and analyzed for the same VOCs as analyzed for at Sites 1 and 2. Solvent contamination was detected in eight wells at a maximum concentration of 76 ppb. For comparison, the Federal and State drinking water standard is 5 ppb per compound. Although this site could be a unique source area of groundwater contamination, the plume is not nearly as distinct or as significant as at Site 1.

Phase 2 RI

One additional surface soil sample was taken as part of the Phase 2 RI. No PCB contamination was detected in this sample. The results of the Phase 1 and Phase 2 data indicates that PCBs are not a significant concern at Site 3.

3.2.4 - Other Areas of Remedial Investigation

HN24 Area

Additional work was required during the Phase 2 RI in an attempt to identify the source of VOC contamination found during the Phase 1 RI in well HN-24I (see Figure 5). Testing of water in this well revealed trichloroethene (TCE) at a concentration of **58,000 ppb**. For comparison, the Federal and State drinking water standard for TCE is 5 ppb. Of particular interest was that TCE was the primary volatile organic found in this well. At all other wells sampled at the NWIRP facility, other solvents (1,1,1-trichloroethane, tetrachloroethene) were always found at similar concentrations. This was not the case in well HN-24I. Subsequent sampling of this well during the Phase 2 RI showed that the concentration of TCE had decreased, however, it is still present at a very significant concentration. This decrease could be due to the volatile nature of this compound, washout, and/or variations in sampling and analysis techniques.

Based on current and historic groundwater flow patterns, potential sources of this contamination were identified. These included a former coal pile storage area; Site 1; offsite industrial areas upgradient of the NWIRP Bethpage; Plant 3; and a drum marshaling area near the northern warehouses. A soil gas program was conducted to investigate the possibility of the source area being at Plant 3 or at the northern warehouse area. Additional monitoring wells were installed to investigate the former coal pile storage area, Site 1, and the adjacent Hooker/RUCO Superfund site.

Two soil gas readings were obtained adjacent to and immediately downgradient (south) of the active drum storage area. TCE was detected, but at significantly lower levels, indicating that this area is not the source of the contamination at HN-24.

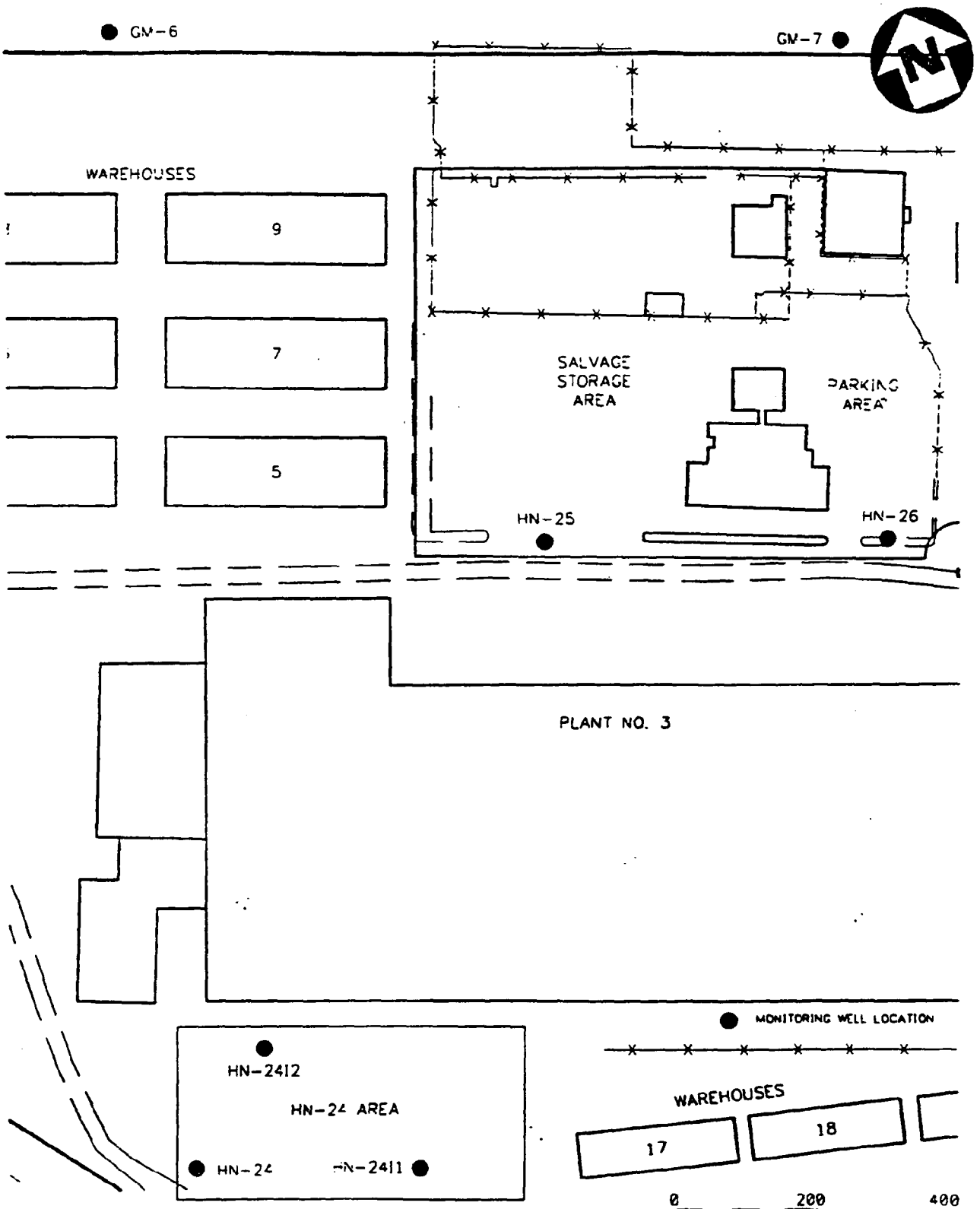
A review of Plant 3 operations, both past and present, indicated several areas where a source area of TCE could be present. Based on that review, soil gas samples were obtained near each of the suspected locations. A total of 27 soil gas samples were collected from all of the suspected areas plus an additional 5 samples from presumably clean areas to determine background conditions. These 32 samples were collected and analyzed with a total organic volatile analyzer (OVA) since this soil gas program was intended to be a relatively non-intrusive screening technique.

An additional seven soil gas samples were then collected at those areas where the initial soil gas readings were the highest. However, this time the samples were analyzed with an in-field gas chromatograph (GC) in order to determine the chemical-specific concentrations in the soil gas. The results indicated that the honeycomb cleaning area is a potential source of volatile organic contamination. However, since its location is side/downgradient of Site 1, it is possible that the soil gas contamination is a result of contaminated groundwater flowing from Site 1 beneath Plant 3. Also, the concentrations of TCE in the soil gas taken at this location were not as significant.

Therefore, it has been concluded that, although Plant 3 may have been a historic source of groundwater contamination, it is unlikely that Plant 3 is a continuing source of the contamination at HN-24 (although soils beneath Plant 3 will require remediation).

As previously mentioned, additional permanent monitoring wells were installed around HN-24I to evaluate other potential source areas (see Figure 6). The first monitoring well, HN-24I1, was placed in the location of the former coal pile area and in between Site 1 and the HN-24 area. The measured TCE concentration in this well was significantly lower. This leads to the conclusion that the contamination in HN-24I did not originate at either the coal pile area or Site 1.

The second monitoring well, HN-24I2, was placed in between the HN-24 area and the potential source areas to the north (Plant 3 and northern warehouse area). The analytical results of this well were almost identical to that of the second round of sampling done at HN-24I. That is, only TCE was detected and at a similar concentration to that found in HN-24I (12,000 ppb).



HN-24 AREA
PHASE 2 REMEDIAL INVESTIGATION/
FEASIBILITY STUDY
NWIRP, BETHPAGE, NEW YORK

FIGURE 5

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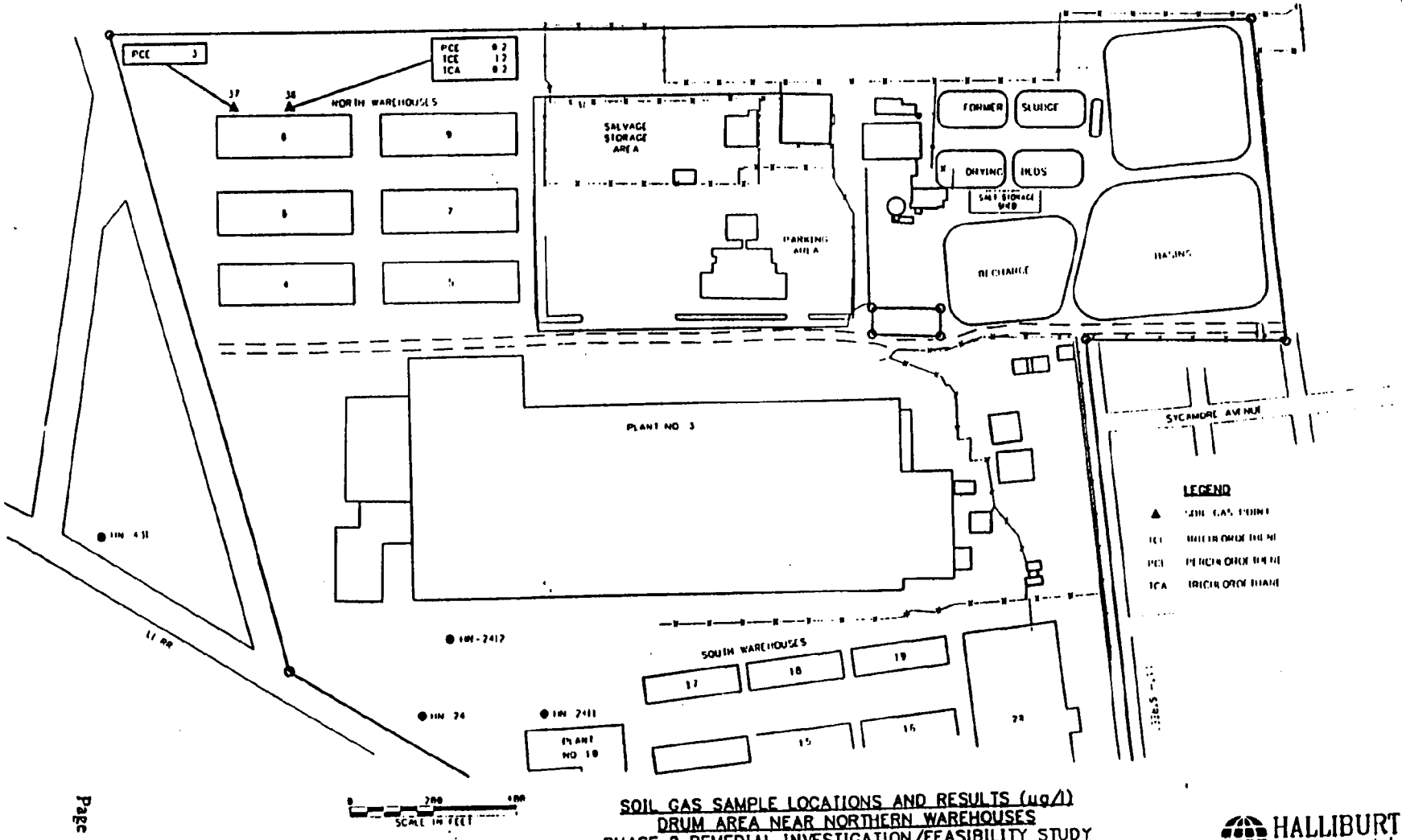

SOIL GAS SAMPLE LOCATIONS AND RESULTS (µg/l)
DRUM AREA NEAR NORTHERN WAREHOUSES
PHASE 2 REMEDIAL INVESTIGATION/FEASIBILITY STUDY
NWIRP, BETHPAGE, NEW YORK

FIGUI

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The third monitoring well, HN-43I, was placed upgradient of HN-24I in between the HN-24 area and the Hooker/RUCO superfund site. An evaluation of split spoon samples and a groundwater sample at this location did not indicate the presence of significant contamination as had been found at both HN-24I and HN-24I2. However, potential offsite sources have not been ruled out.

In summary, the Navy failed to locate a source area which would account for the significant TCE readings in well HN-24I. There is no doubt that contamination is present at this area and that some type of groundwater remediation will be necessary. This issue will be further addressed by the second operable unit planned for NWIRP Bethpage and the subsequent PRAP.

Residential Neighborhood

Eleven temporary monitoring wells were installed in the residential area east of the NWIRP site (see Figure 7) in order to characterize the extent of shallow groundwater contamination associated with Site 1 and to help identify the best location for the installation of permanent monitoring wells. Various VOCs were found in 6 out of the 11 wells ranging from 0.11 ppb (well R-04) to 22.49 ppb (well R-05). For comparison, the Federal and State drinking water standard is 5 ppb per compound.

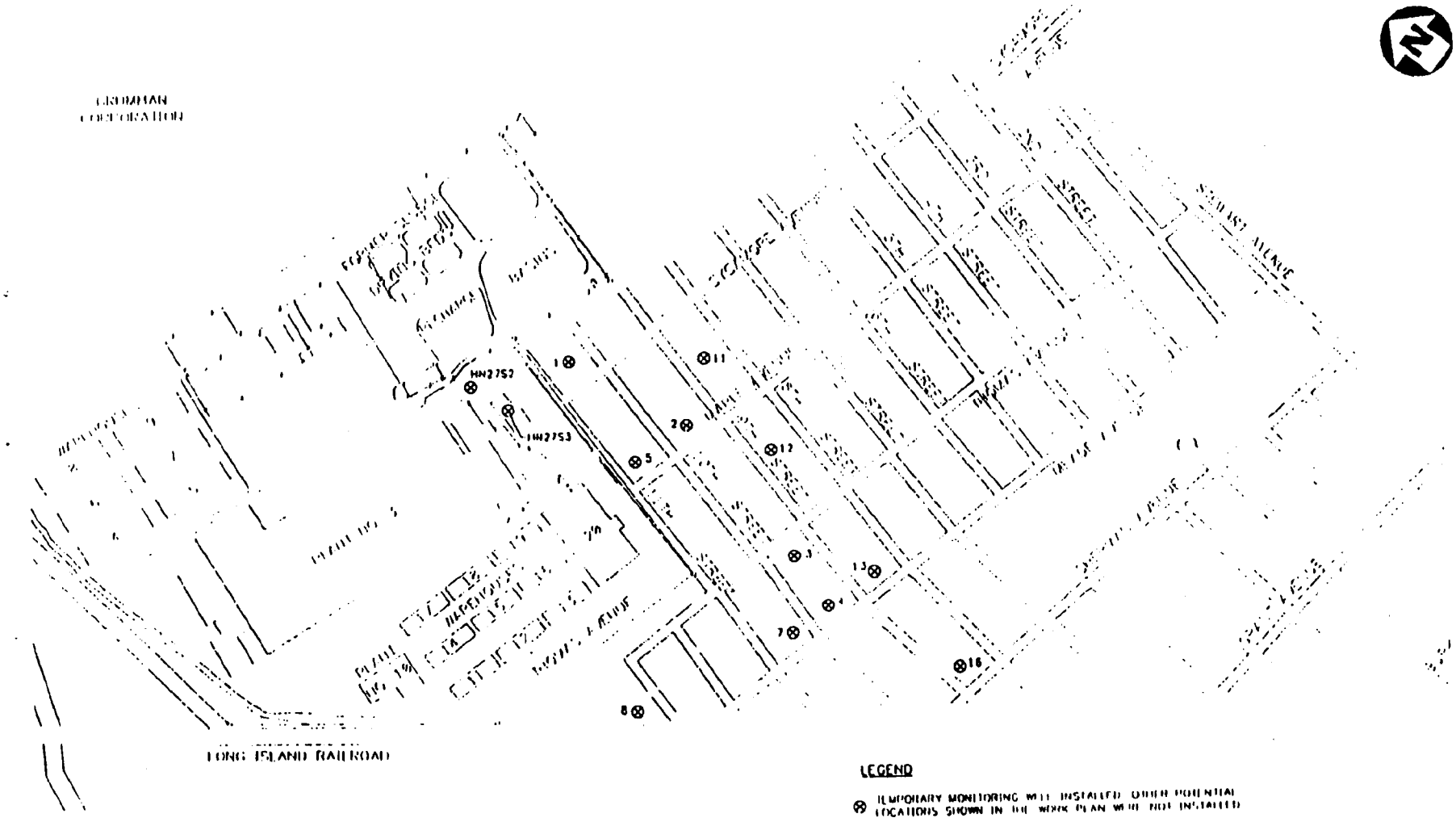
Based on the results of the temporary monitoring well program, three permanent monitoring well clusters were then installed (see Figure 8) in order to evaluate the horizontal and vertical extent of solvent-contaminated groundwater in this area. Each well cluster consisted of a shallow-depth well (approximately 50 feet below grade) and an intermediate-depth well (100 to 150 feet below grade).

The results of the offsite monitoring well program indicated that the shallow groundwater contamination associated with Site 1 is limited to areas within approximately 100 feet east of Site 1, but continues south to near the Long Island Railroad. There is, however, additional shallow groundwater contamination at several locations in this area which are likely attributable to the recharge basins (Site 2). The intermediate-depth contamination in the residential neighborhood extends east toward Stewart Avenue and south to the Long Island Railroad.

In addition, the Navy attended a public meeting regarding environmental work being conducted at adjacent industrial properties. From these meetings, the Navy became aware of significant community concerns regarding the potential presence of contamination in the neighborhood surrounding this site. In order to determine if contamination has migrated off of the Navy's property, the Navy conducted sampling of the soils within the residential community located to the east of NWIRP Bethpage's Site 1. The sampling was conducted during November 1994. The results of the sampling showed only two detections out of eleven properties sampled but at concentrations well below the EPA standard of 1 ppm. No detections were found at those properties immediately adjacent to Site 1. Based on these findings, it can be concluded that contamination from the Navy's Site 1 property has not spread into the residential community. ppb ??

3.3: Interim Remedial Measures

An interim remedial action was initiated by the Navy during July 1993 to address the area at Site 1 where the significant hit of PCBs was detected (1,470 ppm). Because of the high reading, this area posed a threat to onsite workers in excess of EPA's acceptable risk range established in the National Contingency Plan (NCP). This potential threat triggered the Navy's action. This area was tested using field screening kits to identify the outer edges of the significant PCB contamination (those areas greater than 50 ppm) and that area, which is roughly 4,000 square feet, was then covered with eight to ten inches of soil to eliminate risks associated with fugitive dust and dermal contact (see Figure 9). The risk posed by PCBs at this site was originally 2.0×10^{-4} for the onsite worker, however, the residual risks to PCBs after the interim action was reduced to 9.8×10^{-6}, which is within the range of acceptable risk as defined by the EPA. The PCBs, as well as the associated cover, will all be removed as part of a final remedial action.



FIGUR

TEMPORARY MONITORING WELL POINT LOCATIONS
PHASE 2 – REMEDIAL INVESTIGATION FEASIBILITY STUDY
NWIRP, BETHPAGE, NEW YORK

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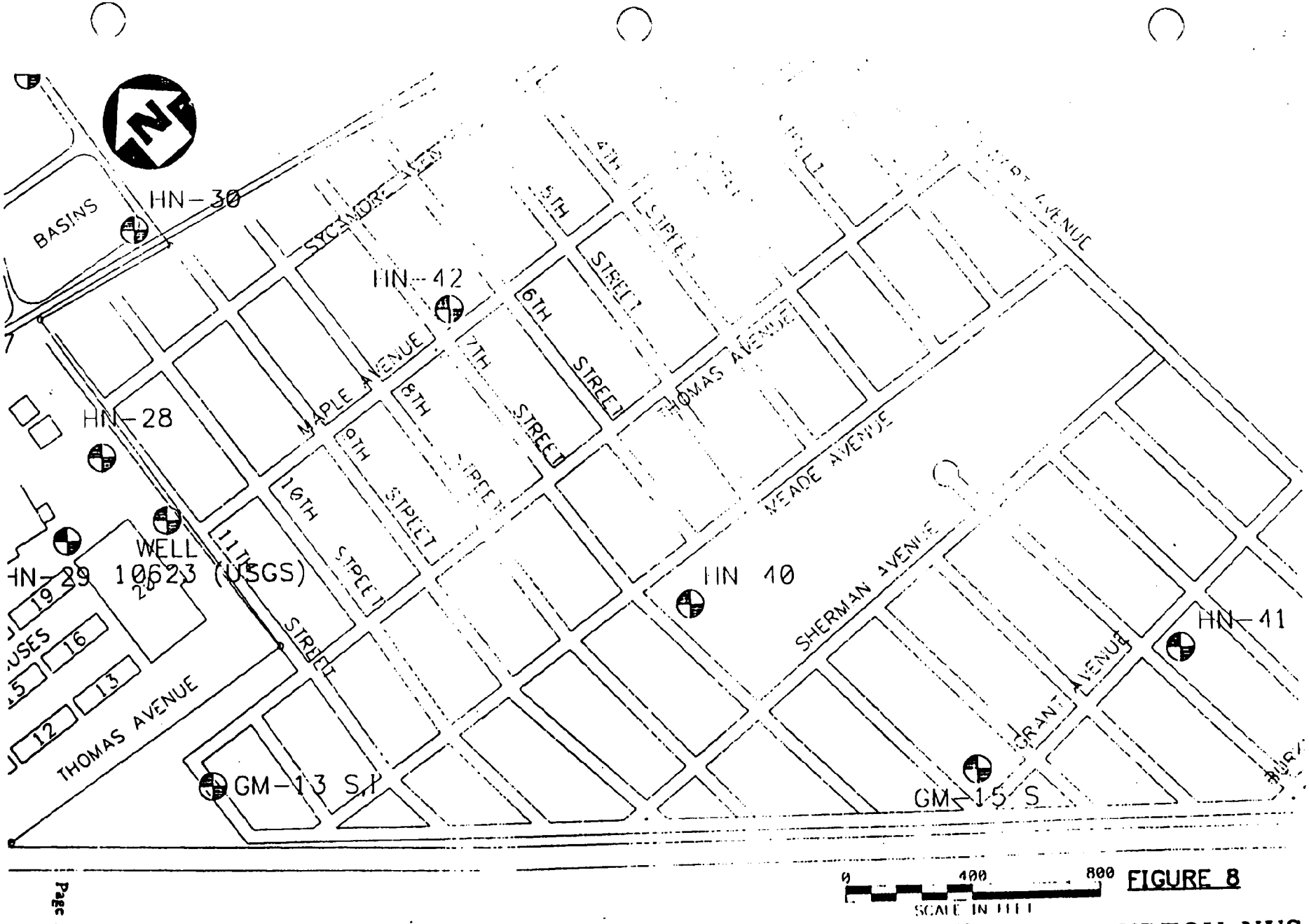

FIGURE 8

OFFSITE; RESIDENTIAL NEIGHBORHOOD
PHASE 2 REMEDIAL INVESTIGATION/FEASIBILITY STUDY
NWIRP, BETHPAGE, NEW YORK

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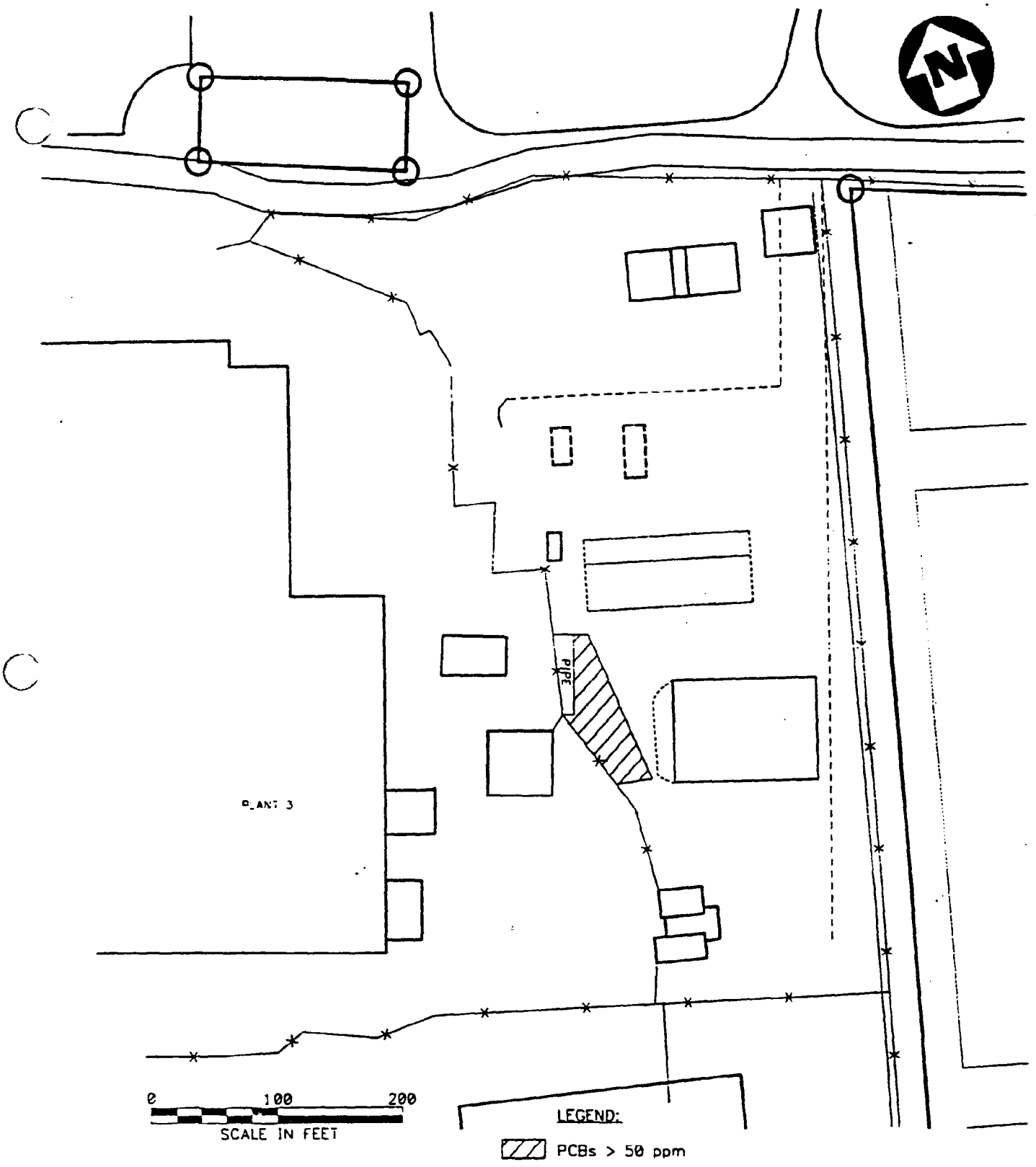

FIGURE 9

SITE 1 – PCB SOIL RESULTS
PHASE 2
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
NWIRP, BETHPAGE, NY

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Another interim remedial action will be conducted by the Navy to address groundwater contamination emanating from the NWIRP facility and migrating downgradient towards the Bethpage Water District's (BWD) public water supply wells (see Figure 10). South of the Navy's property, as well as Northrop Grumman Corporation property, are three clusters of public water supply wells known as BWD Plants 4, 5, and 6. Computer modeling conducted as part of the Phase 2 RI has predicted that groundwater, over the years, has originated at source areas on the Navy's property, as well as other non-Navy source areas, and has migrated south towards these water supply wells. To date, VOC contamination at levels below the Federal and State standards has been detected at BWD Plant #4. Contaminant levels greater than standards have been detected at BWD Plant #6; however, after treatment, this water also meets Federal and State standards. In addition, based on groundwater flow patterns, it can be expected that detectable levels of VOCs will start to appear at BWD Plant #5 in the future.

To counter this contamination, the Northrop Grumman Corporation has funded treatment systems for BWD Plant #4 and #6. As part of this interim action, the Navy will fund a treatment system for BWD Plant #5. By cooperatively addressing this issue, the Navy and the Northrop Grumman Corporation have taken steps to insure that the public water supplies in this area will be within the Federal and State standards set for safe drinking water.

This interim action will consist of either an air stripping or granular activated carbon (GAC) treatment system(s) for the current potable well of concern at BWD Plant #5. The treatment system will be designed by the Bethpage Water District and would allow the well to pump contaminated groundwater through the treatment system to remove the VOCs. The treated groundwater would then be distributed.

3.4 Feasibility Study

After completion of the Phase 2 RI, a Feasibility Study (FS) was initiated. The objectives of this study were:

(1) to take the information gathered during both phases of the RI and develop remedial action objectives and goals which would minimize and/or prevent risks to human health and the environment while complying with ARARs.
(2) to identify and screen potential remedial technologies which would satisfy objective 1.
(3) to take the technologies supplied under objective 2 and assemble them into remedial action alternatives.
(4) to take the remedial action alternatives and do a detailed analysis on each one based on the nine criteria items defined in the National Contingency Plan (NCP), namely: overall protection of human health and the environment; compliance with ARARs; short-term effectiveness; long-term effectiveness; implementability; reduction of toxicity, mobility or volume; cost; state acceptance; and community acceptance.

3.5 Proposed Remedial Action Plan

Upon finalization of the FS in March 1994, the Proposed Remedial Action Plan (PRAP) was developed to briefly describe the contents of the RI and FS and to present to the public the Navy's and State's proposed plan for remediating soils at NWIRP Bethpage. The PRAP was issued on October 28, 1994.

One of two operable units planned for NWIRP Bethpage was described in the PRAP. The first operable unit will consist of remediation of the onsite soils, and to a limited extent, the most contaminated shallow groundwater contamination at NWIRP Bethpage. The main contaminants in the soils which are to be addressed, through treatment, are metals in excess of the hazardous waste criteria, VOCs at concentrations in excess of the remedial action goals, and PCBs at concentrations in excess of 10 ppm. Low-level contamination remaining at the site would be covered to eliminate remaining risks.

The second operable unit will address the remediation of the deeper onsite and offsite groundwater. The time frame for issuance of a PRAP for the second operable unit has not yet been established. The second PRAP will be prepared in coordination with other activities being conducted by both the Occidental Chemical and the Northrop Grumman Corporations.

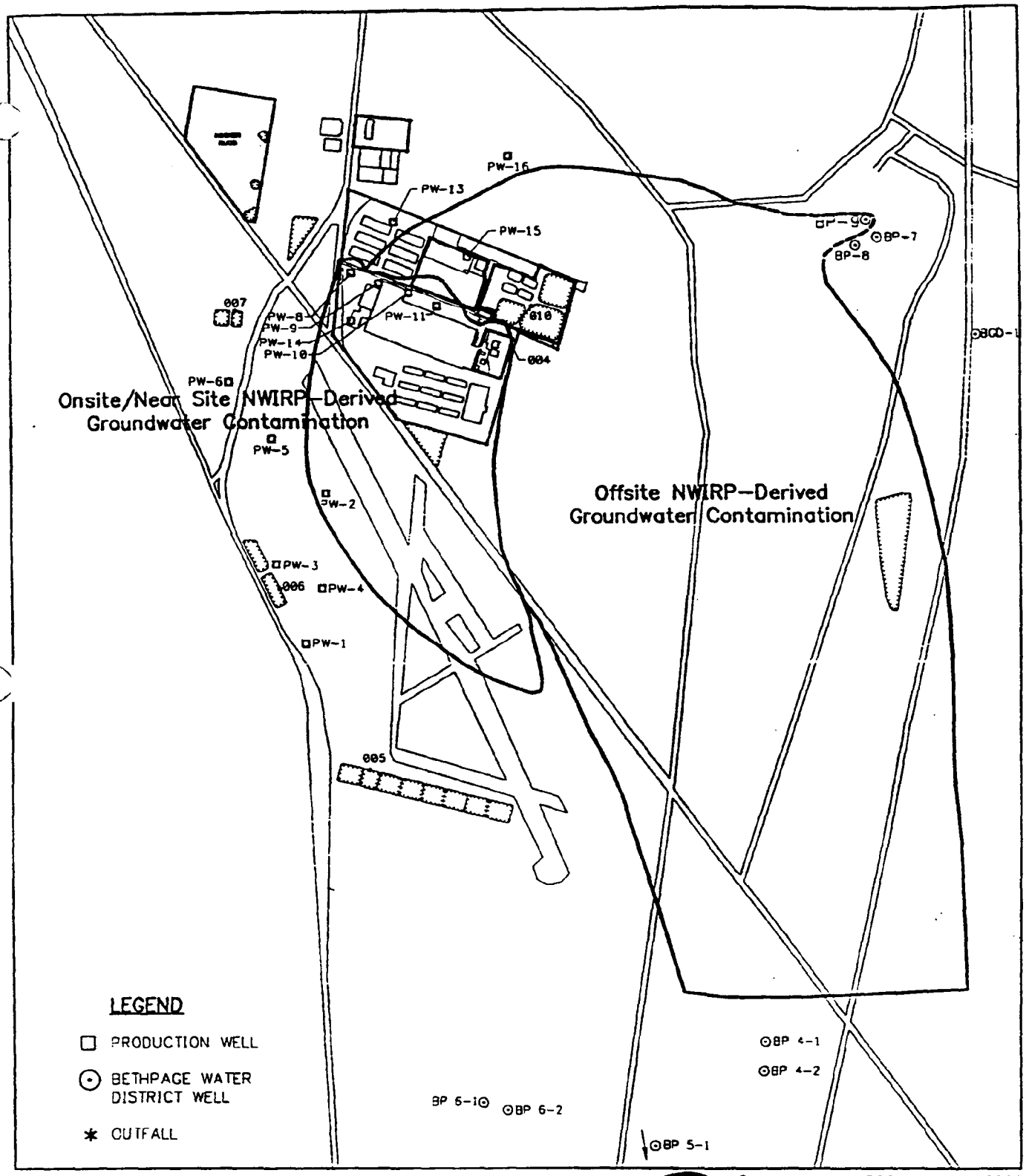

FIGURE 10

ESTIMATED AREAL EXTENT OF ONSITE/NEAR SITE AND OFFSITE NWIRP-DERIVED GROUNDWATER CONTAMINATION FEASIBILITY STUDY, NWIRP BETHPAGE, NEW YORK

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SECTION 4.0: RISK ASSESSMENT

4.1: Summary of Site Risks

During the RI/FS, an analysis was conducted to estimate the health or environmental risks that could result if the soil contamination at NWIRP Bethpage was not remediated. This analysis is commonly referred to as a baseline risk assessment. In conducting this assessment, the focus was on the health effects that could result from exposure to the contaminants as a result of direct contact, ingestion, or inhalation of the soil by an onsite or offsite resident (including children) and an onsite worker. The analysis focused on the major contaminants of concern, namely VOCs (TCE), metals, polynuclear aromatic hydrocarbons (PAHs), and PCBs. TCE is a volatile organic compound that is known to cause cancer in laboratory animals and thus is classified as a carcinogen. TCE is highly mobile and typically migrates through the soil into the groundwater. PCBs are chlorinated compounds that are typically found in transformer oil and are also known carcinogens. PCBs are not very mobile in soils. Prolonged contact with these chemicals at concentrations exceeding current standards may also result in adverse noncarcinogenic health effects.

When there are no ARARs for soil remediation, risk-based remediation goals are used. The EPA has determined that the excess lifetime cancer risk posed by each contaminant following remediation should be between 1×10^{-4} to 1×10^{-6}. This risk level would reduce the probability of contracting cancer, as a result of direct exposure to these contaminants in the soil, to between one additional person in ten thousand to one additional person in one million over a lifetime, with an emphasis on achieving the latter. The EPA considers this to be an acceptable level of risk.

SITE 1

The baseline risk assessment concluded that for current and future soil exposure scenarios, there is no indication that adverse noncarcinogenic health effects exists for this site.

Total excess cancer risks for current soil exposure were calculated to be 2×10^{-4}, with this risk occurring for the adult employee, dermal exposure scenario. PCBs at Site 1 were the major factor in these potential dermal cancer risks. Because of the elevated PCB concentration at the one location, steps were taken to isolate these soils from potential receptors. With this area isolated, revised total excess cancer risks for current soil exposure range from 4×10^{-7} to 1×10^{-5}, with the highest risk occurring for the adult employee, dermal exposure scenario. Estimated total excess cancer risks for future soil exposure scenarios ranged from 9×10^{-11} to 9×10^{-6}, with the highest risks occurring for the adult resident dust inhalation scenario at Site 1. Arsenic at Site 1 was primarily responsible for these projected cancer risks.

SITES 2 AND 3

The contaminants in the soils at Sites 2 and 3 (under the current or in future scenarios) do not represent a significant, direct, non-carcinogenic risk to onsite workers or offsite residents.

Likewise, incremental carcinogenic risks are not indicated for offsite residents under the current soil scenario (excess cancer risk less than 1×10^{-6}). However, carcinogenic risks to onsite workers (under the current and future soil scenarios) and offsite residents (under future soil scenarios) exceed an excess cancer risk of 1×10^{-6}. The risks do not, however, exceed an excess cancer risk of 1×10^{-4}. The contaminants responsible for these risks are PCBs at Site 2 and benzo(a)pyrene (a PAH) at Site 3.

POST-REMEDIAL ACTION SITE RISKS

Implementation of the selected alternative will reduce the risks posed by the contaminants at each site to within the EPA's acceptable risk range by addressing the higher levels of contamination. This is based on the assumption that the facility will remain to be used for industrial purposes. The risks remaining as a result of the residual contamination being left in place will then be eliminated by the use of a gravel or vegetated soil cover. This action will serve to eliminate any exposure pathways from the adult worker and the offsite resident. Deed restrictions will also be implemented in order to further reduce the possibility that exposures to contaminants will occur in the future.

SECTION 5.0: SUMMARY OF THE REMEDIATION GOALS

The goals for the remedial program have been established through the remedy selection process set forth in 6 NYCRR 375-1.10. These goals, shown in Table 1, have been established to be protective of human health and the environment and to meet ARARs and New York State Standards, Criteria, and Guidance values (SCGs) to the maximum extent practicable.

At a minimum, the remedy selected should eliminate or mitigate all significant threats to human health and to the environment presented by the chemicals which have been identified to be at the site through the proper application of scientific and engineering principles.

The remedial action objectives selected for soils at the NWIRP Bethpage site are:

* Comply with contaminant-specific, location-specific, and action-specific ARARs and SCGs.
* Reduce, control, or eliminate the contamination present within site soils.
* Prevent human exposure to contaminated soils at Sites 1, 2 and 3 at concentrations greater than the remedial action goals.
* Prevent leaching of contaminants in soils which could result in groundwater contamination in excess of groundwater remediation goals.
* Prevent offsite migration of contaminants.

Groundwater remediation objectives will be addressed in a PRAP for Operable Unit #2 - Groundwater. However, the selected alternative described in this ROD will address groundwater issues to a certain extent. The vapor extraction/air sparging techniques which will be used for soil remediation will also remediate contamination in the upper portions of the water table (10-20 feet).

TABLE 1

REMEDIAL ACTION LEVELS FOR CONTAMINATED SOILS
NWIRP, BETHPAGE, NEW YORK

CHEMICAL OF CONCERN	MAXIMUM SITE SOIL CONC (MG/KG)	RISK BASED REMEDIATION GOAL (MG/KG)[f]	ARAR BASED REMEDIATION GOAL (MG/KG)	TBC BASED REMEDIATION GOAL (MG/KG)	SOIL PRGs (MG/KG)
SITE 1					
ORGANICS - VOLATILES					
Trichloroethene	0.20	NR	0.0093[c]	NR	0.010[g]
Tetrachloroethene	4.80	NR	0.0268[c]	NR	0.027[g]
1,1,1-Trichloroethane	0.072	NR	0.00112[c,h]	NR	0.010[g]
PESTICIDES					
Chlordane	0.240	0.491[b]-49.1[b]	4.12[c]	0.206[d]	0.206
POLYCHLORINATED BIPHENYLS					
Total Aroclors	1,470	0.753[a,h]-75.3[a] 0.083[b,h]-8.3[b]	50[j]	1-25[e]	1 to 10[e]
POLYNUCLEAR AROMATICS					
Benzo(a)anthracene	0.550	NA	147.5[c]	0.0059[d,h]	0.330[g]
Chrysene	0.580	NA	147.5[c]	0.0059[d,h]	0.330[g]
Benzo(b)fluoranthene	0.680	NA	405.0[c]	0.0162[d,h]	0.330[g]
Benzo(k)fluoranthene	0.620	NA	405.0[c]	0.0162[d,h]	0.330[g]
Benzo(a)pyrene	0.620	0.0875[b,h]-8.75[b]	16.22[f]	0.0610[g,h]	0.330[g]
Indeno(1,2,3-cd)pyrene	0.430	NA	1,180[c]	0.0472[d,h]	0.330[g]
Dibenzo(a,h)anthracene	0.150[h]	NA	2,436[c]	0.014[g,h]	0.330[g]
INORGANICS					
Arsenic	3,380	5.38[a,h]-538[a]	(i)	80[g]	5.4
Manganese	167	142[a,g]	NA	20,000[g]	142

TABLE 1 (Continued)
REMEDIAL ACTION LEVELS FOR CONTAMINATED SOILS
NWIRP, BETHPAGE, NEW YORK
PAGE 2

CHEMICAL OF CONCERN	MAXIMUM SITE SOIL CONC (MG/KG)	RISK BASED REMEDIATION GOAL (MG/KG)[r]	ARAR BASED REMEDIATION GOAL (MG/KG)	TBC BASED REMEDIATION GOAL (MG/KG)	SOIL PRGS (MG/KG)
SITE 2					
ORGANICS - VOLATILES					
Trichloroethene	0.032	NR	0.01174[c]	NR	0.012
PHENOLS					
4-Methylphenol(p-cresol)	0.0750[h]	NR	0.0226[c,h,l]	0.452[d]	0.330[s]
PESTICIDES					
Heptachlor Epoxide	0.0120	0.072[b]-7.02[b]	0.00082[c][h][m]	0.000082[d,h]	0.0017[s]
Dieldrin	0.0079	0.0399[b]-3.99[b]	1.580[c]	0.000316[d,h]	0.0033[s]
POLYCHLORINATED BIPHENYLS					
Total Aroclors	36.6	0.753[a,k]-75.3[a] 0.083[k]-8.3[b]	50[f]	1-25[o]	1 to 10[o]
POLYNUCLEAR AROMATICS					
Benzo(a)anthracene	1.20	NA	186.0[c]	0.00744[d,h]	0.330[s]
Chrysene	1.10	NA	186.0[c]	0.00744[d,h]	0.330[s]
Benzo(b)fluoranthene	0.980	NA	512.5[c]	0.0205[d,h]	0.330[s]
Benzo(k)fluoranthene	1.20	NA	512.5[c]	0.0205[d,h]	0.330[s]
Benzo(a)pyrene	1.20	0.0875[b,h,k]-8.75[b]	20.47[f]	0.061[g,h]	0.330[s]
Indeno(1,2,3-cd)pyrene	0.690	NA	1,490[c]	0.0596[d,h]	0.330[s]
Dibenzo(a,h)anthracene	0.310[h]	NA	3,071[c]	0.014[g,h]	0.330[s]
Naphthalene	0.210[h]	NR	0.875[c]	0.175[d,h]	0.330[s]
INORGANICS					
Arsenic	13.4	5.38[a,k]-538[a]	500[n]	80[q]	5.4
Beryllium	0.880[h]	0.663[b,k]-66.3[b]	NA	0.160[q,h]	1.0[s]

TABLE 1 (Continued)
REMEDIAL ACTION LEVELS FOR CONTAMINATED SOILS
NWIRP, BETHPAGE, NEW YORK
PAGE 3

CHEMICAL OF CONCERN	MAXIMUM SITE SOIL CONC (MG/KG)	RISK BASED REMEDIATION GOAL (MG/KG)[r]	ARAR BASED REMEDIATION GOAL (MG/KG)	TBC BASED REMEDIATION GOAL (MG/KG)	SOIL PRGS (MG/KG)
SITE 3					
ORGANICS - VOLATILES					
Tetrachloroethene	0.0550	NR	0.0288	NR	0.029
ETHERS					
Bis(2-chloroethyl)ether	0.360	0.024[e,h,k]-2.4[e]	0.011[c,h,n]	0.00022[d,h]	0.330[e]
PESTICIDES					
Heptachlor	0.0170	NR	0.0759[c]	0.00759[d]	0.008
Dieldrin	0.0050	0.0399[b]-3.99[b]	1.345[c]	0.000269[d,h]	0.0033[n]
POLYNUCLEAR AROMATICS					
Benzo(a)anthracene	0 .880	NA	158.3[c]	0.00633[d,h]	0.330[s]
Chrysene	1.08	NA	158.3[c]	0.00633[d,h]	0.330[s]
Benzo(b)fluoranthene	1.20	NA	435.0[c]	0.0174[d,h]	0.330[s]
Benzo(k)fluoranthene	1.40	NA	435.0[c]	0.0174[d,h]	0.330[s]
Benzo(a)pyrene	1.30	0.0875[b,h,k]-8.75[b]	17.40[n]	0.0610[g,h]	0.330[s]
Indeno(1,2,3-cd)pyrene	0.920	NA	1,265[c]	0.0506[d,h]	0.330[s]
Dimethylphthalate	0.190[m]	782,143[b]	0.0138[c][h][o]	NR	0.330[s]
INORGANICS					
Arsenic	56.8	5.38[e,k]-538[e]	500[n]	80[g]	5.4
Beryllium	1.50	0.663[b,h,k]-66.3[b]	NA	0.160[g,h]	1.0[n]
Manganese	267	142[e,q]	NA	20,000[g]	142

(a) Current industrial land use scenario.
(b) Future residential land use scenario.
(c) Groundwater protection based on New York State Public Supply Regulations. (Title 10 - Part 5-1).
(d) Groundwater protection based on New York State Technical Assistance Guidance Memorandum (TAGM) 3028, "Contained in" Criteria, November 30, 1992 and "Determination of Soil Cleanup Objectives and Cleanup Level", TAGM 4046, dated November 16, 1992.
(e) 1 mg/kg residential use, 10 mg/kg industrial use based on Federal and New York State guidance.
(f) Groundwater protection based on Federal SDWA, 40 CFR-141.
(g) Soil action level based on New York State TAGMs.
(h) Less than CRQL (organics) or CRDL (inorganics).
(i) Potential for TCLP leachate to exceed hazardous waste criteria. Only one location at Site 1 exhibited elevated levels of arsenic. TCLP testing was conducted on a composite containing this sample. The TCLP concentration was 0.855 mg/l. RCRA criteria is 5 mg/l.
(j) TSCA criteria (40 CFR 761).
(k) Chemical of concern maximum concentration exceeds 10^{-6} risk; however, cumulative risk for all remaining chemicals are not expected to exceed 10^{-4} following ARAR-based remediation.
(l) Eliminate from further ARAR-based groundwater protection consideration. 4-methylphenol not detected in Site 2 subsurface soil or groundwater and only detected in 1 of 13 surface soil samples analyzed. The one detection is below the CRQL of 0.330 mg/kg.
(m) Eliminate from further ARAR-based groundwater consideration. Heptachlor epoxide not detected in Site 2 surface or subsurface soils or groundwater. Only detected in basin sediments (1 of 2 samples) which are periodically removed by Grumman.
(n) Bis(2-chloroethyl)ether not detected in Site 3 subsurface soils or groundwater and only detected in 1 of 9 surface soil samples at a concentration slightly above the CRQL of 0.330 mg/kg.
(o) Eliminate from further ARAR-based groundwater protection consideration. Dimethyl phthalate not detected in Site 3 subsurface soils or groundwater and only detected in 1 of 9 surface soil samples at a concentration less than the CRQL of 0.330 mg/kg.
(p) Manganese was not detected in Site 1 surface soils. Manganese was detected in 9 of 9 subsurface soils analyzed, at a representative concentration of 126 mg/kg which is less than the risk-based remediation goal. Primary non-carcinogenic risk is associated with dust inhalation.
(q) Manganese was not detected in Site 3 surface soils. Manganese was detected in 6 of 6 subsurface soils analyzed, at a representative concentration of 195 mg/kg which exceeds the risk based remediation goal. Primary non-carcinogenic risk is associated with dust inhalation.
(r) Where data is presented as a range, chemical of concern is carcinogenic and range represents 10^{-6} to 10^{-4} risk.
(s) When the minimum of the risk-based, ARAR-based, and TBC-based goal is less than the CRQLs/CRDLs, the CRQLs and CRDLs will be used.

NA - Not applicable
NR - Not reported since less stringent than ARAR-based criteria highlighted goals indicate an exceedance of maximum site soil concentration.

SECTION 6.0: SUMMARY OF THE EVALUATION OF ALTERNATIVES

The Superfund process, as described in the National Contingency Plan (NCP), requires that the alternative chosen to clean up a hazardous waste site meet several criteria. The alternative must be protective of human health and the environment, be cost effective, and meet the requirements of environmental regulations. Permanent solutions to contamination problems should be developed, whenever possible. These solutions should reduce the volume, toxicity, or mobility of the contaminants. Emphasis is also placed on treating the wastes at the site, when possible.

In the Feasibility Study (FS), which was completed in March 1994, a variety of technologies were studied to determine whether they were applicable for use on the contaminated soils. The technologies determined to be most applicable to these site soils were developed into remedial alternatives.

6.1: Description of Remedial Alternatives for Onsite Soils

The alternatives analyzed for this operable unit are presented below. They are numbered to correspond with those alternatives found in the Final FS Report dated March 1994. However, the descriptions of some of the alternatives presented below vary slightly to those described within the FS to reflect changes which have been made to the soil alternatives since the time the FS Report was finalized. For example, the term "enhanced" has been added to those alternatives which call for using vapor extraction to treat VOCs in soils to levels which exceed the remedial action goals shown in Table 1. Also, the term "limited" has been dropped from those alternatives in which vapor extraction will meet the remedial action goals for VOCs.

In addition, alternatives S3 and S5 through S7 in the FS recommends incineration of PCB-contaminated soils at concentrations greater than or equal to 50 ppm. This level has been revised and the new threshold concentration for incineration will now be 500 ppm. However, there is the possibility that select soils with PCB concentrations less than 500 ppm will also be incinerated depending upon location and volume. The soils of concern, which only occur at Site 1, will be excavated and transported to an EPA-approved, off-site incineration facility.

Finally, the FS Report previously recommended landfilling PCB-contaminated soils with concentrations in excess of 50 ppm as part of alternative S4. It also recommended landfilling or onsite consolidation of PCB-contaminated soils with concentrations between 10 and 50 ppm as part of alternatives S5 through S7. The upper limit for all four alternatives has been increased to 500 ppm. All of the changes described above have been reflected in the soil alternatives described below.

The Final FS Report described both industrial and residential use alternatives. However, only the industrial use alternatives are presented in this ROD since it is the Navy's intention to continue to use the property at the NWIRP Bethpage for industrial purposes. The Final FS Report may be consulted for an explanation of the alternatives which assume a future residential use scenario. These alternatives were analyzed to show the cost comparisons between the two assumed land uses. Only when the Navy has determined that it no longer has a need for this land will changes in land use be considered. There are two methods in place used to determine what the best use of the land would be. One is the General Services Administration (GSA) excessing process and the other is the Base Realignment and Closure (BRAC) process. Both processes involve an analysis of the current land use, scope of any existing environmental problems remaining at the site, cost to remediate the land depending on its future use, and availability of prospective land owners which include other Department of Defense (DoD) and Federal agencies, State and local agencies, and other interested community parties. Both processes involve communication similar to that of the TRC committee. It is important to note that before any change in land use takes place, the appropriate environmental remediation will be undertaken depending upon the chosen land use.

The abbreviated list of alternatives considered for this proposed plan are shown below:

- Alternative S1: No Action
- Alternative S2A: Clay Capping (Current Industrial Use)
- Alternative S3: Fixation of Metals, Off-site Incineration of Soils Containing PCBs at Concentrations Greater than or Equal to 500 ppm, and Enhanced In-Situ Vapor Extraction of VOCs
- Alternative S4: Fixation of Metals, Landfilling of Soils Containing PCBs at Concentrations Greater than or Equal to 500 ppm, and Enhanced In-Situ Vapor Extraction of VOCs
- Alternative S5: Fixation of Metals, Incineration of Soils Containing PCBs at Concentrations Greater than or Equal to 500 ppm, Landfilling of Soils Containing PCBs at Concentrations between 10 and 500 ppm, and Enhanced In-Situ Vapor Extraction of VOCs
- Alternative S6: Fixation of Metals, Incineration of Soils Containing PCBs at Concentrations Greater than or Equal to 500 ppm, Landfilling of Soils Containing PCBs at Concentrations between 10 and 500 ppm, and In-Situ Vapor Extraction of VOCs
- Alternative S7: Fixation of Metals, Incineration of Soils Contaminated with PCBs at Concentrations Greater than or Equal to 500 ppm, Onsite Consolidation and Capping of Soils Containing PCBs at Concentrations between 10 and 500 ppm, and In-Situ Vapor Extraction of VOCs

The Final FS Report also lists three additional alternatives for soil remediation. Those alternatives, S8, S9, and S10, are all considered technologically feasible. However, it was determined that these alternatives are not implementable due to their enormous cost. Therefore, they have been left out of this ROD. The Final FS Report may be consulted for an explanation of these alternatives.

Common Elements of the Alternatives

The various contaminated soil alternatives listed above include common components. For example, alternatives S3 through S7 all include fixation of metals which exceed the hazardous waste criteria as defined under 40 CFR 261.24 and 6 NYCRR Part 371.3(e)(1). In all cases, arsenic at Site 1 is the contaminant of concern. Arsenic would either be fixated on-site or off-site using a suitable binder such as ferrous sulfate and/or lime to reduce the mobility of the metals. The fixated soil would then be disposed of in an offsite non-hazardous waste landfill.

In-situ vapor extraction/air sparging (VE/AS) technology would be incorporated into Alternatives S3 through S7. VE/AS is a demonstrated technology for the removal of VOCs from the unsaturated or vadose zone of soils. Vapor extraction involves an induced vacuum to pull air through the soil. Upon withdrawal from the soil, the contaminated air stream would then be treated by an appropriate process. Air sparging involves pumping air into the upper 10-20 feet of the aquifer. VOCs in this zone would be stripped from the soil and groundwater by the air, and then captured by the vacuum extraction system.

The soil clean-up goals for the VOCs of concern are presented in Table 1. The NYSDEC Division of Hazardous Waste Remediation's recommended clean-up goals for these compounds are also presented in this table. VOCs are distributed in the vadose zone over much of the site at concentrations below the NYSDEC clean-up guidelines, except for hot-spots at Site 1 and below Plant 3. The volume of soil to be treated under Alternatives S6 and S7 is 34% of that to be treated under Alternatives S3 through S5; however, 94% of the mass of VOCs in the soil will be treated. The contamination which is not addressed under Alternatives S6 and S7 is not expected to contaminate groundwater at levels which exceed standards.

Finally, after implementation of any of the alternatives, S3 through S7, residual contamination will remain in place. In order to insure that exposure pathways are eliminated from contact with the residual contamination, a 6-inch gravel cover and/or a 6-inch vegetated soil cover would be employed for areas with other metal- and organic-contaminated soils at concentrations greater than action levels. This cover must be of a permeable nature in order to promote rainwater infiltration and natural attenuation of the residual VOCs. Deed restrictions would also be required to restrict certain types of activities on the site.

Please note that the soil volumes presented below are preliminary and may be modified based on additional testing that would be conducted during the Remedial Design/Remedial Action stage.

Alternative S1 - No Action

- Estimated Capital Cost: $0
- Estimated Annual O&M Cost: $20,000/5 years
- Estimated Present Worth Cost (30-yr): $56,000
- Estimated Implementation Time frame: Immediately

This alternative has been developed and retained for baseline comparison purposes with the other alternatives, as required by the NCP. The only activity that would occur under the this alternative is periodic reviews, typically every 5 years.

Alternative S2A - Clay Capping (Current Industrial Use)

- Estimated Capital Cost: $3,779,000
- Estimated Annual O&M Cost: $19,000
- Estimated Present Worth Cost (30-yr): $4,065,000
- Estimated Implementation Time frame: 1 to 3 years

Alternative S2A was developed as a containment response action. At each of the three sites, contaminated soils with metals and organics concentrations greater than the current industrial use scenario action levels would be capped. Primary contaminants contained include chlorinated VOCs (TCE, PCE, and TCA), arsenic, PCBs, and various other metals and organics. Although contaminated soils would remain in place, exposure pathways are reduced. An impermeable clay cap system is featured. The clay cap system consists of 6 inches of gravel overlain by 1 foot of compacted clay, and then 6 inches of gravel covered by 2 feet of clean soil. Soil conditioning, fertilization, and revegetation would be employed as necessary, based on end use and erosion considerations.

Deed restrictions would also be required to restrict future use of the affected areas.

Alternative S2A would result in the capping of approximately 63,200 square yards (Site 1- 7,800 square yards; Site 2- 31,200 square yards; Site 3- 24,200 square yards). This acreage excludes the Site 1 VOC-contaminated soils underlying Plant No. 3 and the concrete area adjacent to Plant No. 3, which already serves as an effective cap.

Alternative S3 - Fixation of Metals, Incineration of Soils Containing PCBs at Concentrations Greater than or Equal to 500 ppm, and Enhanced In-Situ Vapor Extraction of VOCs

- Estimated Capital Cost: $16,847,000
- Estimated Annual O&M Cost: $14,000
- Estimated Present Worth Cost (30-yr): $17,056,000
- Estimated Implementation Time frame: 4 years

Alternative S3 combines removal/treatment/disposal and in-situ treatment response actions. This alternative addresses soil "hot spots" (i.e., metals at concentrations greater than hazardous waste criteria, as defined by the EPA under 40 CFR 261.24 and/or 6 NYCRR Part 371.3, and PCB concentrations greater than or equal to 500 ppm) using conventional techniques. Additionally, the primary site contaminants, VOCs, are addressed using in-situ vapor extraction and air sparging.

The 6-inch gravel or vegetated soil cover would be employed along with deed restrictions for those areas where residual contamination remains.

The "hot spots" to be addressed include fixation and disposal of soils containing arsenic at concentrations in excess of hazardous waste criteria along with excavation and transportation of PCB-contaminated soil with concentrations at or above 500 ppm to an approved offsite incineration facility.

Soil volumes include:
- 600 cubic yards of arsenic-contaminated soil (Site 1 only)
- 300 cubic yards of PCB-contaminated soil (Site 1 only)
- 239,900 cubic yards of VOC-contaminated soil (Site 1- 115,400 cubic yards; Site 2- 3,100 cubic yards; Site 3- 121,400 cubic yards) to undergo enhanced in-situ vapor extraction (Site 1 soil volume includes the VOC-contaminated soils underlying Plant No. 3 and the concrete area adjacent to Plant No. 3).

Alternative S4 - Fixation of Metals, Landfilling of Soils Containing PCBs at Concentrations Greater than or Equal to 500 ppm, and Enhanced In-Situ Vapor Extraction of VOCs

- Estimated Capital Cost: $15,900,000
- Estimated Annual O&M Cost: $14,000
- Estimated Present Worth Cost (30-yr): $16,110,000
- Estimated Implementation Time frame: 4 years

All of the components of this alternative are essentially the same as those described in Alternative S3, except that soils with PCB concentrations greater than or equal to 500 ppm would be transported to an approved off-site landfill instead of incinerated.

Soil volumes include:
- 600 cubic yards of arsenic-contaminated soil (Site 1 only)
- 300 cubic yards of PCB-contaminated soil to be landfilled off-site (Site 1 only)
- 239,900 cubic yards of VOC-contaminated soil (Site 1- 115,400 cubic yards; Site 2- 3,100 cubic yards; Site 3- 121,400 cubic yards) to undergo enhanced in-situ vapor extraction (Site 1 soil volume includes the VOC-contaminated soils underlying Plant No. 3 and the concrete area adjacent to Plant No. 3).

Alternative S5 - Fixation of Metals, Incineration of Soils Containing PCBs at Concentrations Greater than or Equal to 500 ppm, Landfilling of Soils Containing PCBs at Concentrations between 10 ppm and Less than 500 ppm, and Enhanced In-Situ Vapor Extraction of VOCs

- Estimated Capital Cost: $19,441,000
- Estimated Annual O&M Cost: $14,000
- Estimated Present Worth Cost (30-yr): $19,651,000
- Estimated Implementation Time frame: 4 years

Alternative S5 consists of the essentially the same components/soil volumes as Alternatives S3, except that Alternative S5 provides for offsite landfilling of soils with PCB concentrations between 10 and 500 ppm. As with Alternatives S3, these areas would then be covered with a permeable cover along with the other soils contaminated with metals and organics greater than the action levels (see Table 1) and deed restrictions imposed.

Soil volumes include:

- 600 cubic yards of arsenic-contaminated soil (Site 1 only)
- 300 cubic yards of PCB-contaminated soil to be incinerated off-site (Site 1 only)
- 3,700 cubic yards of PCB-contaminated soil with concentrations between 10 ppm and 500 ppm (Site 1- 1,100 cubic yards; Site 2- 2,600 cubic yards)
- 239,900 cubic yards of VOC-contaminated soil (Site 1- 115,400 cubic yards; Site 2- 3,100 cubic yards; Site 3- 121,400 cubic yards) to undergo enhanced in-situ vapor extraction (Site 1 soil volume includes the VOC-contaminated soils underlying Plant No. 3 and the concrete area adjacent to Plant No. 3).

Alternative S6 - Fixation of Metals, Incineration of Soils Containing PCBs at Concentrations Greater than or Equal to 500 ppm, Landfilling of PCBs between 10 ppm and Less than 500 ppm, and In-Situ Vapor Extraction of VOCs

- Estimated Capital Cost: $10,655,000
- Estimated Annual O&M Cost: $14,000
- Estimated Present Worth Cost (30-yr): $10,865,000
- Estimated Implementation Time frame: 4 years

Alternative S6 is similar to Alternative S5, except Alternative S6 addresses a more limited volume of VOC-contaminated soils. Soils contaminated with VOCs at concentrations greater than the modified action levels would be processed via in-situ vapor extraction and air sparging. As described earlier, the modified action levels for VOCs are equal to three times the VOC-action levels considered under other alternatives because the levels which are to be left in place are not expected to contaminate the groundwater.

Soil volumes include:

- 600 cubic yards of arsenic-contaminated soil (Site 1 only)
- 300 cubic yards of PCB-contaminated soil to be incinerated off-site (Site 1 only)
- 3,700 cubic yards of PCB-contaminated soil with concentrations between 10 ppm and 500 ppm (Site 1- 1,100 cubic yards; Site 2- 2,600 cubic yards)
- 87,000 cubic yards of VOC-contaminated soil (Site 1 and underneath Plant No. 3) to undergo in-situ vapor extraction

Alternative S7 - Fixation of Metals, Incineration of Soils Containing PCBs at Concentrations Greater than or Equal to 500 ppm, On-site Consolidation and capping of PCBs between 10 ppm and Less than 500 ppm, and In-Situ Vapor Extraction of VOCs

- Estimated Capital Cost: $8,250,000
- Estimated Annual O&M Cost: $14,000
- Estimated Present Worth Cost (30-yr): $8,459,000
- Estimated Implementation Time frame: 4 years

Alternative S7 is similar to Alternative S6, except that under Alternative S7 the PCB-contaminated soils, with a PCB concentration of 10 ppm to 500 ppm, would be consolidated in one area and a composite cap would be used to limit infiltration in that area.

This alternative includes onsite consolidation of soils containing PCBs in concentrations between 10 and 500 ppm. An area in the northwest corner of Site 2 (the former sludge drying beds) has been identified as the location for the consolidated material and cap. Onsite capping of marginally-contaminated soils, such as these, is an acceptable method and is more economical than offsite landfilling or incineration. The cap system would consist of 6 inches of soil, overlain by a low permeability ($1x10^{-12}$ cm/sec) plastic geomembrane, followed by 24 inches of topsoil. Institutional controls, (deed restrictions, fencing around the cap, posted signs, etc.) would be implemented to guarantee the integrity of the system. A post-closure monitoring plan would be developed and implemented to ensure that the cap is properly maintained and is functioning properly.

Soil volumes include:

- 600 cubic yards of arsenic-contaminated soil (Site 1 only)
- 300 cubic yards of PCB-contaminated soil to be incinerated off-site (Site 1 only)
- 3,700 cubic yards of PCB-contaminated soil with concentrations between 10 ppm and less than 500 ppm (Site 1- 1,100 cubic yards; Site 2- 2,600 cubic yards) to be consolidated and capped onsite
- 87,000 cubic yards of VOC-contaminated soil (Site 1 and underneath Plant No. 3) to undergo in-situ vapor extraction

6.2: Evaluation of Remedial Alternatives for Onsite Soils

In conformance with the NCP, the following nine criteria were used to evaluate each of the retained alternatives during the detailed analysis:

- Overall Protection of Human Health and the Environment
- Compliance with ARARs
- Short-Term Effectiveness
- Long-Term Effectiveness and Permanence
- Reduction of Toxicity, Mobility, or Volume
- Implementability
- Cost
- State Acceptance
- Community Acceptance

In the following sections, the performance of each soil alternative is evaluated against the nine criteria items listed above.

THRESHOLD CRITERIA

The first two items are referred to as threshold criteria. An alternative must meet both threshold criteria or be eliminated from further consideration.

Overall Protection of Human Health and the Environment

This criterion is an overall and final evaluation of the health and environmental impact to assess whether each alternative is protective. This evaluation is based upon a composite of factors assessed under other criteria, especially short/long term effectiveness and compliance with ARARs.

All of the alternatives, with the exception of the "no action" alternative, would provide adequate protection of human health and the environment by eliminating, reducing, or controlling risk through treatment, engineering controls, or institutional controls.

The no action alternative would not be protective of human health and the environment. Contaminants would remain in the soils and could affect human health through dermal contact, accidental ingestion, and fugitive dust inhalation. Also, VOCs would continue to migrate into the groundwater. Because this alternative fails this threshold criteria item, it will not be considered further in this analysis as an option for this site.

Alternative S2 would be protective of human health by preventing contact with the contaminants, and the environment by minimizing groundwater infiltration and resulting groundwater contamination. Alternatives S3 through S7 address the major chemical threats at the site by removing and treating (or offsite landfilling under Alternative S4) soils containing hazardous wastes (PCB concentrations greater 50 ppm and arsenic), and treating soils contaminated with VOCs. Alternatives S3 through S7 provide protection of human health for the balance of the site contaminants by providing a barrier to avoid contact. Alternatives S5 and S6 would be slightly more protective than S3 and S4 with respect to PCBs since lower concentrations of PCBs would remain at the site.

Alternative S7 achieves a similar level of protection to Alternatives S5 and S6 by placing PCB-contaminated soils in an onsite capped area. Alternatives S6 and S7 would be slightly less protective of the groundwater than Alternatives S2 through S5 because residual VOC contamination would remain in the vadose zone.

Compliance with ARARs

Under this criterion, the issue of whether a remedy will meet all of the Federal or State environmental laws and regulation is addressed. If the laws and regulation will not be met, then grounds for invoking a waiver are presented.

Alternative S2 would not meet all ARARs as the contamination would remain in place. Alternatives S3 and S4 would not meet ARARs for PCBs since both alternatives allow for concentrations between 10 and 500 ppm to remain. The remaining alternatives would meet the ARARs for this site.

BALANCING CRITERIA

The next five items are known as balancing criteria. These provide the foundation for analysis of alternatives and is the basis of selecting a preferred remedy.

Short-Term Effectiveness

This item evaluates the potential short-term impacts of the remedial action upon the community, the workers, and the environment. The length of time needed to achieve the remedial objectives is estimated and compared with the other alternatives.

Adverse impacts to the community are not expected during implementation of Alternatives S2 - S7. Soil handling activities associated with Alternatives S2 through S7 are expected to generate minimal quantities of fugitive dust and VOCs. Dust generation would be controlled through common practices such as wetting of the soils. VOCs would be monitored and controlled if necessary using a foam-type suppressant.

Alternative S2 can be completed within 1 to 3 years after signing of the ROD. Alternatives S3, S4, S5, S6, and S7 would require approximately 2 to 4 years to complete.

Long-Term Effectiveness and Permanence

If wastes or residuals will remain at the site after the selected remedy has been implemented, the following items are evaluated: 1) the magnitude and nature of the risk posed by the remaining wastes; 2) the adequacy of the controls intended to limit the risk presented by the remaining wastes; and 3) the reliability of these controls.

Under Alternative S2, the contaminants would remain, however, a clay cap would be used to isolate the contaminants from the public and minimize infiltration of precipitation. Deed restrictions would be used to control future excavations into the area. Alternatives S3 through S7 address removal, treatment, and/or offsite disposal of RCRA characteristic wastes, TSCA regulated wastes, and NYSDEC regulated hazardous wastes. Also, the soils would be treated for removal of volatile organics.

Under Alternatives S3 through S7, contaminants (metals and other organics) at concentrations greater than the action levels would remain, however these soils would be covered to isolate the contaminants from coming into contact with workers and/or off-site residents.

Off-site incineration of soils with PCB concentrations greater than 500 ppm (Alternatives S3, S5 through S7) will permanently destroy the PCBs. Fixation and offsite landfilling of hazardous soils (Alternatives S3 through S7) is also expected to be permanent. Treatment of the soils for VOCs under Alternatives S3 through S7 includes capture of the VOCs and thermal destruction.

The clay cap for all contaminated areas (Alternative S2) and the cap for a PCB-contaminated soils at concentrations of 10 to 500 ppm (Alternative S7), and the soil/gravel cover (Alternatives S3 through S7) when coupled with deed restrictions are permanent, however, the contaminants would remain on-site. Long term maintenance of the cap or cover would be required.

Under Alternatives S2 though S7, the residual risks to human health are less than 1×10^{-6}. Under Alternative S2, if the cap and deed restrictions are not effective, then the residual risks exceed 1×10^{-4}. Under Alternatives S3 through S7, if the cap and deed restrictions are not effective then the residual risks are the in the range of 1×10^{-4} to 10^{-6}.

Alternatives S2 through S5 would be protective of groundwater at the completion of soil remediation. Alternatives S6 and S7 minimize future VOC contamination of the groundwater, by treating the most contaminated soils. However, low level VOC groundwater contamination would continue until the residual VOCs are flushed from the soils (10 to 30 years). Alternative S2 relies on the continued effectiveness of the clay cap. Alternatives S3 through S7 remove these contaminants from the site.

Reduction of Toxicity, Mobility, or Volume

Preference is given to alternatives that permanently, and by treatment, reduce the toxicity, mobility, or volume of the wastes at the site. This includes assessing the fate of the residues generated from treating the wastes at the site.

There is no reduction in toxicity, mobility or volume under Alternative S2, since no treatment is used. Alternatives S3, and S5 through S7 all use thermal treatment to eliminate the toxicity of PCBs (at concentrations greater than 500 ppm), and fixation (also including Alternative S4) to reduce the mobility of arsenic (determined to be hazardous, as defined by the EPA under 40 CFR 261.24), by 50 to 99%. Alternatives S3 through S7 all employ some level of in-situ vapor extraction and air sparging to treat VOC-contaminated soils. The volume of contaminated soil is reduced by approximately 87,000 cubic yards under Alternatives S6 and S7 and by approximately 240,000 cubic yards under Alternatives S3, S4, and S5.

There are no provisions to addressing the toxicity, mobility, or volume of the contamination which is to remain in place after implementation of alternatives S3 through S7. However, by using a permeable cover, precipitation should induce natural flushing of the residual contaminants through the vadose zone and into the groundwater where they will be eventually remediated by the groundwater treatment system.

Implementability

This criterion evaluates the technical and administrative feasibility of implementing the alternative. Technically, this includes the difficulties associated with the construction and operation of the alternative, the reliability of the technology, and the ability to effectively monitor the effectiveness of the remedy. Administratively, the availability of the necessary personnel and material is evaluated along with potential difficulties in obtaining special permits, rights-of-way for construction, etc.

Alternatives S2 - S7 should be readily implementable. Equipment and resources and TSD facilities are available as applicable. Alternative S2, and to a lesser extent Alternative S7, involve a cap which would significantly affect the future use of the site.

Cost

Capital and operation and maintenance costs are estimated for the alternatives and compared on a present worth basis. Although cost is the last criterion evaluated, where two or more alternatives have met the requirements of the other criteria, lower cost can be used as the basis for final selection.

The costs associated with each of the soil alternatives is provided in Table 2.

TABLE 2

SUMMARY OF SOILS ALTERNATIVES COSTS
NWIRP, BETHPAGE, NEW YORK

Alternative No.		Current Industrial Scenario			Future Residential Scenario		
		Capital Cost ($)	O&M ($/yr)	Present Worth Cost ($ - 30-Yr)	Capital Cost ($)	O&M ($/yr)	Present Worth Cost ($ - 30-Yr)
S1 -	No Action [1]	S1- 0	4,000	56,000	----	-----	-----
S2 -	Clay Capping	S2A - 3,779,000	19,000	4,065,000	S2B - 3,546,000	18,000	3,817,000
S3 -	Fixation of Metals, Incineration of PCBs >50 ppm, and In-Situ Vapor Extraction of VOCs [1 4 5]	S3 - 16,847,000	14,000	17,056,000	-----	-----	-----
S4 -	Fixation of Metals, Offsite Landfill of PCBs >50 ppm, and In-Situ Vapor Extraction of VOCs [5]	S4 - 15,900,000	14,000	16,096,000	-----	-----	-----
S5 -	Fixation of Metals, Incineration of PCBs> 500 ppm, Offsite Landfill of PCBs between 10 ppm and 500 ppm, and In-Situ Vapor Extraction of VOCs [1 5]	S5 - 19,441,000	14,000	19,651,000	-----	-----	-----
S6 -	Fixation of Metals, Incineration of PCBs> 500 ppm, Offsite Landfill of PCBs between 10 ppm and 500 ppm, and Limited In-Situ Vapor Extraction of VOCs [1,5]	S6 - 10,655,000	14,000	10,865,000	-----	-----	-----
S7 -	Fixation of Metals, Incineration of PCBs> 50 ppm, Onsite consolidation and clay capping of PCBs between 10 ppm and 50 ppm, and Limited In-Situ Vapor Extraction of VOCs [1,5]	S7 - 8,250,000	14,000	8,459,000	-----	-----	-----
S8 -	Fixation of Metals, Incineration of PCBs> 50 ppm, In-Situ Vapor Extraction of VOCs, and Offsite Landfill of Other Metals/Organics [2]	S8A - 44,490,000	-----	-----	S8B - 41,758,000	-----	-----
S9 -	Fixation of Metals, Onsite Low Temperature Thermal Stripping of VOCs and PCBs, and Offsite Landfill of Other Metals/Organics [2]	S9A - 109,376,000	-----	-----	S9B - 105,637,000	-----	-----
S10 -	Soil Washing/Onsite Fill of Metals and Organics with Offsite Landfill of Metal Treatment Residuals, and Incineration of Organic Treatment Residuals [2]	S10A - 91,597,000	-----	-----	S10B - 89,907,000	-----	-----

(1) Costs for current industrial use scenario and future residential use scenario are identical.
(2) No long-term operating costs are incurred since no residual contamination remains on site; therefore, present worth costs are not applicable.
(3) Note that the costs presented are preliminary and may be modified based on additional testing that would be conducted during the Remedial Design/Remedial Action stage.
(4) The estimated capital and present worth costs for Alternative S3 with only limited In-Situ VaporExtraction would be $8,061,000 and $8,270,000, respectively
(5) Alternatives S3 through S7 also include permeable covering and deed restriction components for the remaining soils with chemical concentrations greater than the action levels

MODIFYING CRITERIA

These last two items are called modifying criteria. These are usually assessed after receipt of public comments on the proposed plan but can alter the preferred remedy if the alternative does not receive favorable public response.

State Acceptance

State acceptance (NYSDEC and NYSDOH) of the preferred alternative described below has been given. Since this document is a joint Navy and NYSDEC publication, NYSDEC has reviewed it and provided comments. All applicable comments have been incorporated.

Community Acceptance

Community acceptance of the preferred alternative outlined in the PRAP was evaluated at the conclusion of the public comment period. The concerns of the public, along with the Navy's and NYSDEC's responses, are presented in the Responsiveness Summary section of this ROD for this operable unit (see Appendix B).

SECTION 7.0: SUMMARY OF THE SELECTED REMEDY

The remedy selected for the onsite soils at the NWIRP Bethpage was developed in accordance with the New York State Environmental Conservation Law (ECL), and is consistent with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986.

Based upon the results of the Remedial Investigation, Feasibility Study, criteria for selecting a remedy, and public input received during the public comment period, the Navy and NYSDEC have selected Alternative S6 to remediate on-site soils at the NWIRP Bethpage. The estimated present worth and capital costs for this remedy are $10,655,000 and $10,865,000, respectively. The cost to operate and maintain the vapor extraction portion of this remedy is estimated to be $14,000/year.

Although Alternative S6 is not the least cost alternative, it was selected because it is considered to best protect human health and the environment, it complies with ARARs, is readily implementable, and best satisfies the requirements of reducing the toxicity, mobility and volume of contaminants. In addition, this alternative provides for substantial risk reduction by utilizing permanent solutions and also provides for the safe management of residual contamination that will remain at the site.

Figure 11 shows a diagram illustrating the steps associated with Alternative S6. Table 3 shows the chemicals of concern at each site and their associated proposed action levels (see Table 1, pages 23-26). This table also illustrates which part of the preferred alternative is to be used to address each chemical.

The main elements of the selected remedial program are as follows:

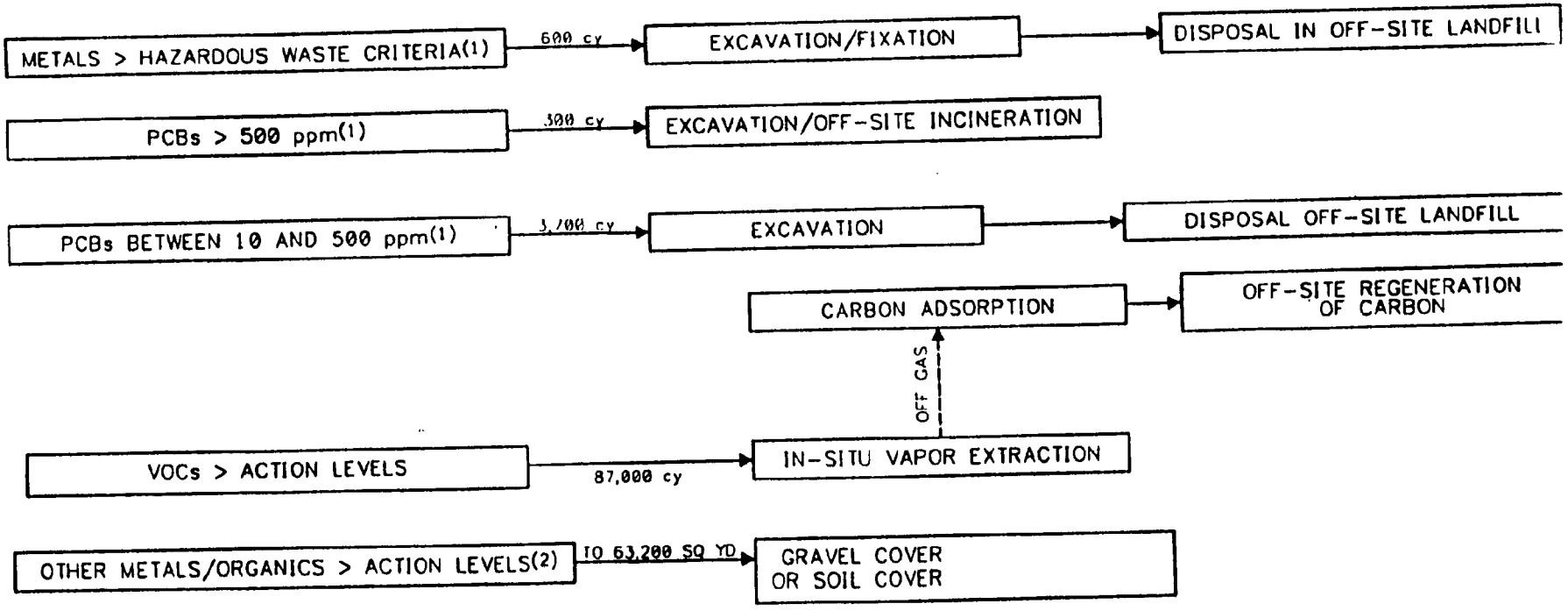
1) Remedial Design
   - delineate area of arsenic-contaminated soil and design fixation process
   - delineate area of PCB-contaminated soil and determine volumes with concentrations between 10 and 500 ppm and volumes with concentrations above 500 ppm.
   - choose an appropriate off-site incineration facility which will accept PCB-contaminated soils which have concentrations above 500 ppm
   - choose an appropriate landfill which will accept PCB-contaminated soils which have concentrations between 10 and 500 ppm
   - design of the VE/AS system for treating VOCs in the vadose zone, including extraction wells and off-gas treatment process(es)

2) Active remediation of the items listed above

3) Provide funding for treatment at the Bethpage Water District's Plant #5

4) Development and implementation of an Operation and Maintenance Plan

5) Covering and implementation of deed restrictions for on-site areas where residual contamination remains.



(1) TO BE CONDUCTED PRIOR TO VOCs TREATMENT
(2) TO BE CONDUCTED FOLLOWING VOCs TREATMENT

NOTE:

1. AREAS AND VOLUMES PRESENTED ARE PRELIMINARY AND MAY BE REVI DURING THE REMEDIAL DESIGN AND REMEDIAL ACTION STAGES.

SOILS ALTERNATIVES S6A AND S6B
FIXATION OF METALS, INCINERATION OF PCBS > 500 ppm
OFF-SITE LANDFILL PCBs BETWEEN 10 ppm AND 500 ppm
LIMITED IN-SITU VAPOR EXTRACTION OF VOCS
AND COVER OF OTHER METALS/ORGANICS > ACTION LEVELS
NWIRP, BETHPAGE, NEW YORK

FIGURE

HALLIBURTON NU
Environmental Corporati

TABLE 3

PROPOSED REMEDIAL ACTIONS
NWIRP CALVERTON, NY

SITE 1 - SOILS

Chemical of Concern	Proposed Remedial Action					
	Fixation/Offsite Landfilling	Offsite Incineration	Vapor Extraction	Offsite Landfilling	Natural Flushing[1]	Permeable Cover and Deed Restrictions
Trichloroethene			>0.030 mg/kg		0.01 to 0.03 mg/kg	0.01 to 0.03 mg/kg
Tetrachloroethene			>0.081 mg/kg		0.027 to 0.081 mg/kg	0.027 to 0.081 mg/kg
1,1,1-Trichloroethane			>0.030 mg/kg		0.01 to 0.03 mg/kg	0.01 to 0.03 mg/kg
Chlordane						>0.206 mg/kg
Total Aroclors		>500 mg/kg		10 to 500 mg/kg		1 to 10 mg/kg
Benzo(a)anthracene						>0.33 mg/kg
Chrysene						>0.33 mg/kg
Benzo(b)fluoranthene						>0.33 mg/kg
Benzo(k)fluoranthene						>0.33 mg/kg
Benzo(a)pyrene						>0.33 mg/kg
Indeno(1,2,3-cd)pyrene						>0.33 mg/kg
Dibenzo(a,h)anthracene						>0.33 mg/kg
Arsenic	TCLP As > 5 mg/l in the CCWE[2].					>5.4 mg/kg
Manganese						>142 mg/kg

TABLE 3 (Continued)
PROPOSED REMEDIAL ACTIONS
NWIRP CALVERTON, NY
PAGE 2

SITE 2 - SOILS

Chemical of Concern	Proposed Remedial Action					
	Fixation/Offsite Landfilling	Offsite Incineration	Vapor Extraction	Offsite Landfilling	Natural Flushing[1]	Permeable Cover and Deed Restrictions
Trichloroethene					0.012 to 0.036 mg/kg	0.012 to 0.036 mg/kg
4-Methylphenol (p-cresol)						>0.33 mg/kg
Heptachlor Epoxide						>0.0017 mg/kg
Dieldrin						>0.0033 mg/kg
Total Aroclors				10 to 500 mg/kg		1 to 10 mg/kg
Benzo(a)anthracene						>0.33 mg/kg
Chrysene						>0.33 mg/kg
Benzo(b)fluoranthene						>0.33 mg/kg
Benzo(k)fluoranthene						>0.33 mg/kg
Benzo(a)pyrene						>0.33 mg/kg
Indeno(1,2,3-cd)pyrene						>0.33 mg/kg
Dibenzo(a,h)anthracene						>0.33 mg/kg
Naphthalene						>0.33 mg/kg
Arsenic						>5.4 mg/kg
Beryllium						>1 mg/kg

TABLE 3 (Continued)
PROPOSED REMEDIAL ACTIONS
NWIRP CALVERTON, NY
PAGE 3

SITE 3 - SOILS

Chemical of Concern	Proposed Remedial Action					
	Fixation/ Offsite Landfilling	Offsite Incineration	Vapor Extraction	Offsite Landfilling	Natural Flushing[1]	Permeable Cover and Deed Restrictions
Tetrachloroethene					0.029 to 0.087 mg/kg	0.029 to 0.087 mg/kg
Bis(2-chloroethyl)ether						>0.33 mg/kg
Heptachlor						>0.008 mg/kg
Dieldrin						>0.0033 mg/kg
Benzo(a)anthracene						>0.33 mg/kg
Chrysene						>0.33 mg/kg
Benzo(b)fluoranthene						>0.33 mg/kg
Benzo(k)fluoranthene						>0.33 mg/kg
Benzo(a)pyrene						>0.33 mg/kg
Indeno(1,2,3-cd)pyrene						>0.33 mg/kg
Dimethylphthalate						>0.33 mg/kg
Arsenic						>5.4 mg/kg
Beryllium						>1 mg/kg
Manganese						>142 mg/kg

1) Natural flushing of VOCs assumes that a groundwater extraction and treatment system will be in place to capture the marginally-contaminated groundwater resulting from these soils. The VOCs remaining in the soils at these concentrations are expected to be flushed from the soils in the same time frame as groundwater cleanup.

2) CCWE = Chemical concentration in waste extract.

GLOSSARY OF ACRONYMS

ARAR	Applicable and Relevant and Appropriate Requirement
BRAC	Base Realignment And Closure
BWD	Bethpage Water District
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Codes of Federal Regulations
DoD	Department of Defense
EPA	Environmental Protection Agency
FS	Feasibility Study
GAC	granular activated carbon
GC	gas chromatograph
GSA	General Services Administration
IAS	Initial Assessment Study
LTTS	low-temperature thermal stripping
NCP	National Contingency Plan
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NWIRP	Naval Weapons Industrial Reserve Plant
OSWER	Office of Solid Waste and Emergency Response
OVA	organic vapor analyzer
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
ppb	parts per billion
ppm	parts per million
PRAP	Proposed Remedial Action Plan
PRG	Preliminary Remediation Goals
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
ROD	Record of Decision
SCG	Standards, Criteria, and Guidance values
TBC	To Be Considered (guidance)
TCA	trichloroethane
TCE	trichloroethene
TRC	Technical Review Committee
TSCA	Toxic Substances Control Act
TSD	Transfer, Storage, and Disposal
VE/AS	Vapor Extraction/Air Sparging
VOC	volatile organic compound

APPENDIX A
ADMINISTRATIVE RECORD INDEX
FOR
NWIRP BETHPAGE, NEW YORK

REPORTS

1. "Initial Assessment Study", Naval Environmental, Energy, and Support Activity, December 1986
2. "Final Remedial Investigation Quality Assurance Plan", Halliburton NUS, August 1991
3. "Final Remedial Investigation Site and Data Management Plan", Halliburton NUS, August 1991
4. "Final Health and Safety Plan", Halliburton NUS, August 1991
5. "Final Remedial Investigation Workplan", Halliburton NUS, August 1991
6. "Final Hazard Ranking System Preliminary Scoring and Site Inspection Report Form", Halliburton NUS, February 1992
7. "Final Remedial Investigation Report - Volumes I, II, III, and IV", Halliburton NUS, May 1992
8. "Final Phase 2 RI Workplan Addendum", Halliburton NUS, November 1992
9. "Final EPA Region II Federal Facility SI Review Documentation Package", Malcolm Pirnie, Inc., September 1992, Updated August 1993
10. "Phase 2 Remedial Investigation Report - Volumes I and II", Halliburton NUS, October 1993
11. "Feasibility Study Report - Volumes I and II", Halliburton NUS, March 1994

CORRESPONDENCE REGARDING IR PROGRAM

1. Letter to A. Karas (EPA Region II) from S. Eikenberry (NEESA), Distribution of IAS to EPA, April 1988
2. Letter to Commanding Officer (NAVAIRSYSCOM) from R.P. Dillman (CO NorthDiv), IR Program at Bethpage, June 1989
3. Letter to Abe Kern (DPRO) from Bob Wing (EPA Region II), Comments on IAS, December 1989
4. Letter to Helen Shannon (EPA Region II) from Tom Sheckels (NorthDiv), IR Program at Bethpage, January 1990
5. Letter to Tom Sheckels (NorthDiv) from V. Pitruzzello (EPA Region II), Information required for NWIRP Bethpage, June 1991
6. Letter to John Barnes (NYSDEC) from Tom Sheckels (NorthDiv), Submission of Draft RI Workplan, July 1991
7. Letter to Helen Shannon (EPA Region II) from Tom Sheckels (NorthDiv), Submission of Draft RI Workplan, July 1991
8. Letter to Frank Klanchar (Navy RPM) from John Barnes (NYSDEC), Comments on Draft RI Workplan, August 1991

CORRESPONDENCE REGARDING IR PROGRAM (CONTINUED)

9. Letter to Helen Shannon (EPA Region II) from Tom Sheckels (NorthDiv), Interim Response to EPA, August 1991
10. Letter to Technical Review Committee from Frank Klanchar (Navy RPM), Submission of Final RI Workplan, September 1991
11. Letter to John Barnes (NYSDEC) from Frank Klanchar (Navy RPM), Addendum to RI Workplan, October 1991
12. Letter to Technical Review Committee from Frank Klanchar (Navy RPM), Submission of Draft RI Report, March 1992
13. Letter to Technical Review Committee from Frank Klanchar (Navy RPM), Submission of Addendum to Draft RI Report, March 1992
14. Letter to Frank Klanchar (Navy RPM) from John Barnes (NYSDEC), Comments on Draft RI Report, April 1992
15. Letter to Frank Klanchar (Navy RPM) from John Molloy (Bethpage Water District), Comments on Draft RI Report, April 1992
16. Letter to Frank Klanchar (Navy RPM) from Carlo San Giovanni (Geraghty & Miller), Comments on Draft RI Report, April 1992
17. Letter to Dave Brayack (HNUS) from Frank Klanchar (Navy RPM), Submission of Navy Review Comments on Draft RI, May 1992
18. Letter to Technical Review Committee from Frank Klanchar (Navy RPM), Submission of Final RI Report, May 1992
19. Letter to John Barnes (NYSDEC) from Frank Klanchar (Navy RPM), Intention to Perform Phase 2 RI, May 1992
20. Letter to Frank Klanchar (Navy RPM) from Dave Brayack (HNUS), RI-Derived Residue Management, June 1992
21. Letter to John Barnes (NYSDEC) from Lloyd Wilson (NYSDOH), Off-Site Soil Sampling, July 1992
22. Letter to Technical Review Committee from Frank Klanchar (Navy RPM), Submission of Draft Phase 2 RI Workplan Addendum, October 1992
23. Letter to Frank Klanchar (Navy RPM) from John Barnes (NYSDEC), Comments on Draft Phase 2 Workplan Addendum, November 1992
24. Letter to Frank Klanchar (Navy RPM) from Carlo San Giovanni (Geraghty & Miller), Comments on Draft Phase 2 Workplan Addendum, November 1992
25. Letter to Dave Brayack (HNUS) from Frank Klanchar (Navy RPM), Submission of Comments on Draft Phase 2 RI Workplan Addendum, November 1992

CORRESPONDENCE REGARDING IR PROGRAM (CONTINUED)

26. Letter to Technical Review Committee from Frank Klanchar (Navy RPM), Submission of Final Phase 2 RI Workplan Addendum, November 1992
27. Letter to James Colter (Navy RPM) from Dave Brayack (HNUS), Pump Test Results, January 1993
28. Letter to James Colter (Navy RPM) from Dave Brayack (HNUS), Plant 3 Soil Gas Survey Results, March 1993
29. Letter to James Colter (Navy RPM) from John Barnes (NYSDEC), Comments regarding Draft Feasibility Study ARAR's, April 1993
30. Letter to James Colter (Navy RPM) from Mary Logan (EPA Region II), Comments regarding Draft Feasibility Study ARAR's, May 1993
31. Letter to Technical Review Committee from James Colter (Navy RPM), Submission of Draft Phase 2 RI Report, July 1993
32. Letter to John Barnes (NYSDEC) from James Shafer (NorthDiv), Results of Interim Action to isolate PCB Hot Spot, July 1993
33. Letter to James Colter (Navy RPM) from Mary Logan (EPA Region II), Comments regarding Draft Phase 2 RI Report, August 1993
34. Letter to James Colter (Navy RPM) from Carlo San Giovanni (Geraghty & Miller), Comments regarding Draft Phase 2 RI Report, August 1993
35. Various Phone Conversation Records to James Colter (Navy RPM) from TRC Members, Comments regarding Draft Phase 2 RI Report, August through September 1993
36. Letter to James Colter (Navy RPM) from John Barnes (NYSDEC), Comments regarding Draft Phase 2 RI Report, September 1993
37. Fax Transmission to James Colter (Navy RPM) from Carol Stein (EPA Region II), Comments regarding Draft Phase 2 RI Report, September 1993
38. Letter to James Colter (Navy RPM) from John Molloy (Bethpage Water District), Comments regarding Draft Phase 2 RI Report, September 1993
39. Letter to John Barnes (NYSDEC) from Lloyd Wilson (NYSDOH), Comments regarding Draft Phase 2 RI Report, September 1993
40. Letter to James Colter (Navy RPM) from Steven Silvers (Nassau County DOH), Comments on Draft FS, September 1993
41. Letter to Dave Brayack (HNUS) from James Colter (Navy RPM), Submission of Comments on Draft Phase 2 RI Report, October 1993
42. Letter to Technical Review Committee from James Colter (Navy RPM), Submission of Final Phase 2 RI Report, October 1993

CORRESPONDENCE REGARDING IR PROGRAM (CONTINUED)

43. Letter to James Colter (Navy RPM) from Carlo San Giovanni (Geraghty & Miller), Comments regarding Draft FS Report, October 1993
44. Various Phone Conversation Records to James Colter (Navy RPM) from TRC Members, Comments regarding Draft FS Report, October 1993
45. Letter to James Colter (Navy RPM) from John Barnes (NYSDEC), Comments regarding Draft FS Report, October 1993
46. Letter to James Colter (Navy RPM) from Dave Brayack (HNUS), Update on RI-Derived Residue Management, October 1993
47. Fax Transmission to James Colter (Navy RPM) from Carol Stein (EPA Region II), Comments regarding Draft FS Report, December 1993
48. Various Fax Transmissions to TRC Members from James Colter (Navy RPM), Draft Responses to Comments on Draft FS Report, January 1994
49. Letter to James Colter (Navy RPM) from Andrew Bellina (EPA Region II), Responses to EPA Comments on Draft FS Report, March 1994
50. Letter to Technical Review Committee from James Colter (Navy RPM), Submission of Final FS Report, March 1994
51. Letter to Dale Carpenter (EPA Region II) from John Barnes (NYSDEC), Recharge Basins, May 1994
52. Letter to James Colter (Navy RPM) from Anthony Sabino (Attorney, Bethpage Water District), Interim Action to protect BWD Plant #5, September 1994
53. Letter to James Colter (Navy RPM) from John Barnes (NYSDEC), Announcement of October 7 Meeting to Discuss Regional Groundwater, September 1994
54. Letter to James Colter (Navy RPM) from John Barnes (NYSDEC), Minutes of October 7 Meeting to Discuss Regional Groundwater, October 1994

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1. "Community Relations Plan", Halliburton NUS, August 1992
2. "Installation Restoration Fact Sheet", Department of Navy, April 1992
3. "Installation Restoration Fact Sheet", Department of Navy, October 1992
4. "Installation Restoration Fact Sheet", Department of Navy, November 1992
5. "Installation Restoration Fact Sheet", Department of Navy, February 1993
6. "Installation Restoration Fact Sheet", Department of Navy, September 1993
7. Letter to Technical Review Committee from James Colter (Navy RPM), Submission of Draft PRAP, May 1994
8. Letter to James Colter (Navy RPM) from Dave Brayack (HNUS), Comments on Draft PRAP, June 1994

COMMUNITY RELATIONS (CONTINUED)

9. Letter to James Colter (Navy RPM) from Laurie Lutzker (Nassau County DOH), Comments on Draft Prap, June 1994
10. Phone Conversation Record to James Colter (Navy RPM) from Bob Booth (NAVAIRSYSCOM), Comments on Draft PRAP, June 1994
11. Phone Conversation Record to James Colter (Navy RPM) from Carlo San Giovanni (Geraghty & Miller), Comments on Draft PRAP, July 1994
12. Letter to James Colter (Navy RPM) from John Barnes (NYSDEC), Comments on Draft PRAP, July 1994
13. Letter to James Colter (Navy RPM) from Andrew Ballina (EPA Region II), Comments on Draft PRAP, July 1994
14. Comment Responses on Draft PRAP, Department of Navy, October 1994
15. Letter to Technical Review Committee from James Colter (Navy RPM), Submission of Final PRAP, October 1994
16. "Public Meeting Invitation and Fact Sheet", Department of Navy and NYSDEC, October 1994
17. "Final Proposed Remedial Action Plan", Department of Navy and NYSDEC, November 1994
18. "Transcript from Public Meeting", MGM Court Reporting, November 1994
19. Letter to John Barnes (NYSDEC) from Mrs. Marilyn Humphrey (Resident), November 1994
20. Letter to John Barnes (NYSDEC) from David Nydick (Superintendent of Schools, Bethpage), November 1994
21. Letter to James Colter (Navy RPM) from John Barnes (NYSDEC), December 1994
22. Letter to James Colter (Navy RPM) from Dr. Alan F. Weston (Occidental Chemical Corp.) December 1994
23. Letter to James Colter (Navy RPM) from Anthony J. Sabino (Attorney for Bethpage Water District), December 1994
24. Letter to James Colter (Navy RPM) from Andrew Bellina (EPA Region II), January 1995
25. Letter from John Barnes (NYSDEC) to Mr. Richard Pfaender (Town Hall), January 1995
26. Letter from John Barnes (NYSDEC) to Mr. Alan Phillips (Assistant Superintendent, Bethpage Schools), January 1995

TECHNICAL REVIEW COMMITTEE ACTIVITIES

1. Letter to Kim Mann (NYSDOH) from Judith Hare (NAVAIRSYSCOM), TRC Invitation, October 1991
2. Letter to John Barnes (NYSDEC) from Judith Hare (NAVAIRSYSCOM), TRC Invitation, October 1991
3. Letter to Helen Shannon (EPA Region II) from Judith Hare (NAVAIRSYSCOM), TRC Invitation, October 1991
4. Letter to Marty Simonson (DPRO) from Judith Hare (NAVAIRSYSCOM), TRC Invitation, October 1991
5. Letter to John Ohlmann (Grumman Aerospace) from Judith Hare (NAVAIRSYSCOM), TRC Invitation, October 1991

TECHNICAL REVIEW COMMITTEE ACTIVITIES (CONTINUED)

6. Letter to John Molloy (Bethpage Water District) from Judith Hare (NAVAIRSYSCOM), TRC Invitation, October 1991
7. Letter to Joseph Schecter (Nassau County DOH) from Judith Hare (NAVAIRSYSCOM), TRC Invitation, October 1991
8. Letter to TRC Members from Frank Klanchar (Navy RPM), Announcement of TRC Meeting #1, March 1992
9. Letter to TRC Members from Frank Klanchar (Navy RPM), Minutes from TRC Meeting #1, May 1992
10. Letter to TRC Members from Frank Klanchar (Navy RPM), Minutes from TRC Meeting #2, August 1992
11. Letter to TRC Members from Frank Klanchar (Navy RPM), Announcement of TRC Meeting #3, October 1992
12. Letter to TRC Members from Frank Klanchar (Navy RPM), Minutes from TRC Meeting #3, December 1992
13. Letter to TRC Members from Tom Sheckels (NorthDiv), Rescheduling of TRC Meeting #4, February 1993
14. Letter to TRC Members from Tom Sheckels (NorthDiv), Minutes from TRC Meeting #4, April 1993
15. Letter to TRC Members from James Shafer (NorthDiv), Cancellation of TRC Meeting #5, July 1993
16. Letter to TRC Members from James Shafer (NorthDiv), Announcement of TRC Meeting #5, September 1993
17. Letter to TRC Members from James Colter (Navy RPM), Minutes from TRC Meeting #5, October 1993

APPENDIX B
RESPONSIVENESS SUMMARY
FOR
PROPOSED REMEDIAL ACTION PLAN - OU1

The issues addressed below were raised during a public meeting held on November 15, 1994, at the Bethpage High School in Bethpage, New York, and in various letters received from commentors. The purpose of the meeting was to present the Proposed Remedial Action Plan (PRAP) for Operable Unit 01 - Onsite Soils and to receive comments regarding the PRAP for consideration when choosing the final selected remedy. The transcript from the meeting and copies of the written comments are included in the administrative record for the facility (Appendix A) and is available for public review at the information repository located at the Bethpage Public Library. The public comment period for the PRAP extended from November 1, 1994 to December 16, 1994.

The following pages list the comments which were received during the comment period and their corresponding response. In the event when similar comments were received, they were combined into a general comment for which a response was prepared.

A. COMMENTS RELATED TO OU 1 SOIL REMEDIATION

1. Comment: The attorney for the Bethpage Water District noted that the proposed cleanup levels for the NWIRP are based on continued industrial use of the site and that he is aware of plans for Northrop\Grumman to consolidate off of Long Island. He commented that remediation levels must permit productive use of the property in the future.

   Response: Northrop/Grumman is currently leasing the property and has not notified the Navy that they plan to terminate the lease in the near future. As a result, the Navy must assume that Northrop/Grumman plans to continue using the property for industrial use in the future. If Northrop/Grumman notifies the Navy that they wish to terminate the lease, then the Navy will pursue excessing the property in a manner which maximizes future use. At that time, the need for further remediation to achieve residential-use standards would be re-evaluated.

   Note that the Navy's proposed remediation considers continued industrial use of the site. The proposed remediation would prevent groundwater contamination and minimize health risks to workers. The only remaining potential risk to workers would be through direct contact with the chemicals in the soils. The proposed cover would prevent these risks, except when excavation into the underlying soils would be required (construction). At that time, these risks can be readily eliminated using common personnel protective equipment. The site would actually have nearly unrestricted future use (including commercial use) as long as subsurface soils are not directly contacted without wearing proper clothing and dust generation is minimized during excavations. About the only potential future use of the site that would not be viable under the proposed remedy would be individual residential use, since excavation below the cover soil could not be effectively controlled.

2. Comment: Several residents commented on the use of a deed restriction to address the residual contamination at the site, and that a property with a deed restriction on it has very little value. There are concerns about how these restrictions would affect the tax base for the area.

Response: Currently, the property is not subject to property taxes because of its nature as Federal land. As a result, any future non-government use of the site would actually increase the tax base for the area.

The deed restrictions considered for the site would be used to regulate excavation into the underlying soils, notifying construction workers that certain types of personal equipment may be required and that in certain locations, dust control measures may also be required. Note that the majority of the remaining site soils do not represent any threat to nearby residents.

3. Comment: Several residents commented that the site should be cleaned up to residential-use standards at this time.

Response: The cleanup of the site to residential-use standards was considered as an alternative in the Feasibility Study. The Feasibility Study showed that cleanup of the site at this time to a residential setting would be significantly more expensive than the proposed remedy. The Department of Navy operates its Installation Restoration Program with limited funds and has numerous sites across the country. The proposed cleanup being used at this site is consistent with the approach being used at other similar Department of Navy Installation Restoration Program sites, as well as that used by private industry. Diversion of funds to this site to remediate to residential-use standards would delay or prevent cleanup at other sites.

The proposed remedy addresses all the contamination at the site and results in the removal and destruction of approximately 95% of the contamination at a cost of approximately $11,000,000. To remove the remaining 5% of contamination from the site, an additional $34,000,000 would be required. This additional cost is equivalent to approximately $2,600,000 per acre.

4. Comment: Several residents questioned how the deed restriction would affect the future construction actions at the site. In particular, their concern was about dust generation during future activities at the site and what impact this dust might have on them.

Response: The response to this comment is addressed under two scenarios, namely dust control under the proposed remedial activity and under potential future excavations. Under the proposed remedial activity, dust control practices would most likely not be required if excavation occurred during periods where the soil was moist, and if the remediation would occur under dry conditions, misting of the soils during excavation could be conducted to prevent dust generation. In addition, very conservative dust action levels will be established. These action levels will be set at a level well below the level that would present a threat to offsite residents. Down wind dust concentrations will be monitored continuously during excavation to ensure that dangerous levels of dust are not being generated. If necessary, excavation would stop and/or additional steps taken to control the dust.

Once the current contaminated soils are removed from the site, soils remaining at the site would have only minimal levels of chemicals remaining in them. During future excavation activities, the need for dust control practices and monitoring would have to be evaluated based on the type and extent of excavation.

5. Comment: The United States Environmental Protection Agency commented that the OU 1 ROD should discuss the status of the offsite PCB sampling.

Response: The offsite PCB sampling is referenced in the ROD. The Navy conducted sampling of the soils in the adjacent residential neighborhood and industrial property and found no obvious evidence that contamination from the Navy's property has migrated offsite.

6. Comment: Several residents questioned whether the operation of the air sparging/vapor extraction system would result in risks to them, either from the injection of air into the water table or from the extracted air.

   Response: The injection of air into the groundwater and the chemical laden air extracted from the soil would not have any effect on the health of the residents. The air would be injected (bubbled) into the groundwater to a maximum depth of only about 10 feet into the water table. The injected air strips solvents from the groundwater and soils and transfers them into the soil gas. The injected air flows mostly upward in the groundwater, with only a minor horizontal component under normal conditions. Air extraction wells are then used to collect this injected air. The air extraction wells would be located around the perimeter of the site, as well as in the interior, and would create a slight vacuum to the soils. There would be a net migration of soil gas from the residential neighborhood. In addition, air extraction rates would be greater than the air injection rates to ensure that all of the injected air is captured. The extracted air is then passed through activated carbon canisters to remove the extracted chemicals. Regular monitoring is conducted to ensure the effectiveness of treatment.

7. Comment: Several residents asked if contamination from the site (metals and PCBs) represents a risk to them through either living in their home or from use of their garden produce. In addition, several residents commented on the perceived high incidence rate of cancer in the area and requested that a health study be conducted for the area.

   Response: During the Remedial Investigation, air dispersion modeling was used to determine if site chemicals represented a potential risk to offsite residents. The study concluded that there was not a threat to offsite residents. However, because of uncertainties with this modeling, the Navy conducted soil testing in the residential neighborhood. Based upon the results of the testing, it was concluded that there was no obvious evidence that soil contamination has migrated off of the Navy's property.

   The conduction of a health study can be pursued by contacting Ms. Nina Knapp of the New York State Department of Health at (800) 458-1158, extension 402.

8. Comment: One resident asked how PCB-contaminated soils would be transported out of the facility. The concern is with both the transportation route and the type of truck used (open versus closed top).

   Response: The contaminated soils will be taken from the facility in covered trucks to prevent dust from blowing out of the truck. In addition, prior to leaving the site, the trucks would be inspected to ensure contaminated soils are not on the exterior of the truck. Transportation routes have not yet been selected. However, these routes are coordinated with local agencies and are selected to avoid residential areas.

9. Comment: One resident asked if waste storage/disposal activities were continuing at the Site.

   Response: The NWIRP Bethpage facility is continuing to be used by Northrop/Grumman. This operation includes the handling and consolidation (temporary storage) of wastes prior to off site disposal. The operations are conducted in accordance with Federal and state regulations. Please note that disposal is not occurring on site.

10. Comment: One resident asked when this proposed plan (cleanup) would start.

    Response: Cleanup is tentatively planned to start in the summer of 1995.

11. Comment: One resident asked about the basis for the maps showing that the extent of contamination ends at the fence line. There was concern that the contamination extends off of Navy property.

Response: The original basis for this delineation considered the chemicals and concentrations found at the site, where these chemicals were originally stored (and likely released), and possible migration pathways. Most of the contamination was found in the middle of Site 1, with direct spillage of the chemicals onto the ground at this point the most likely source. From this center, the concentration of chemicals was found to decrease significantly to either non-detect levels or to levels very near the cleanup criteria. The only potentially significant migration pathway for the chemicals found at the site boundary would be through dust dispersion. Dust dispersion was modeled and not found to be a threat to offsite residents.

In addition, in November 1994, because of uncertainties with the modeling, the Navy conducted off site soil testing. Based upon the results of the testing, it was concluded that there was no obvious evidence that soil contamination has migrated off of the Navy's property.

12. Comment: One resident asked what happens if additional contamination is found after construction starts.

Response: The volumes and areas identified in the PRAP and Feasibility Study are preliminary and are based on relatively limited data. Planned remediation includes the areas currently identified and would extend outward from these areas based on additional testing to be conducted during remedial design and remedial action. If additional contamination is found in the future, then additional cleanup would have to be considered.

13. Comment: One resident questioned the fate of the excavated (contaminated) material from the site. Specifically, could this material be used as common fill?

Response: The material from the site would be treated in an incinerator, treated for metals, and/or placed in a landfill. Use of this material for common fill would not be considered because of human health and environmental concerns and additionally, that action would not be legal in accordance with current laws and regulations.

14. Comment: One resident questioned procedures being used during remediation to ensure the protection of the community.

Response: The exact procedures to be used during remediation have not been completely defined at this time. The procedures used would consider the type of action (excavation or vapor extraction), extent of action, the chemicals to be encountered (volatile or non-volatile), and potential migration pathways (dust or vapors). Continuous dust and organic vapor analyzers are commonly available and would likely be used in this type of remediation. These instruments coupled with the use of very conservative action levels would be employed to monitor potential releases during activities. Stop work and misting practices could be used to control dust emissions. Activated carbon would be used to treat for vapor emissions. If necessary, additional construction techniques, such as tents, could be used.

15. Comment: One resident commented that road construction was conducted in the area within the past few years. During the construction, the workers dug down to 15 feet. Were there any risks to these workers.

Response: The Navy can not respond with certainty as to whether there were risks to these workers since the Navy was not aware of the activities at the time and no monitoring was conducted. The Navy can only speak of the activities conducted on their property. However, the Navy recently sampled the residential community soils and found no obvious evidence that contamination from the Navy's property has migrated off site.

B. COMMENTS RELATED TO GROUNDWATER CONTAMINATION

1. Comment: Occidental Chemical Corporation (OCC) took exception to the Hooker/Ruco Superfund Site as being considered a possible source of trichloroethene (TCE) and vinyl chloride groundwater contamination at the Navy's property.

   Response: The ROD language will be revised to address this comment.

2. Comment: Several residents and the attorney for the Bethpage Water District commented that the schedule for the groundwater remediation should be accelerated.

   Response: The schedule for cleanup of groundwater is already proceeding in an accelerated manner. Onsite groundwater remediation actions would not be effective until soil remediation has been completed. A study to determine the best method for addressing the offsite groundwater contamination is currently underway and is nearly complete. A ROD to address all of the groundwater is planned for late 1995.

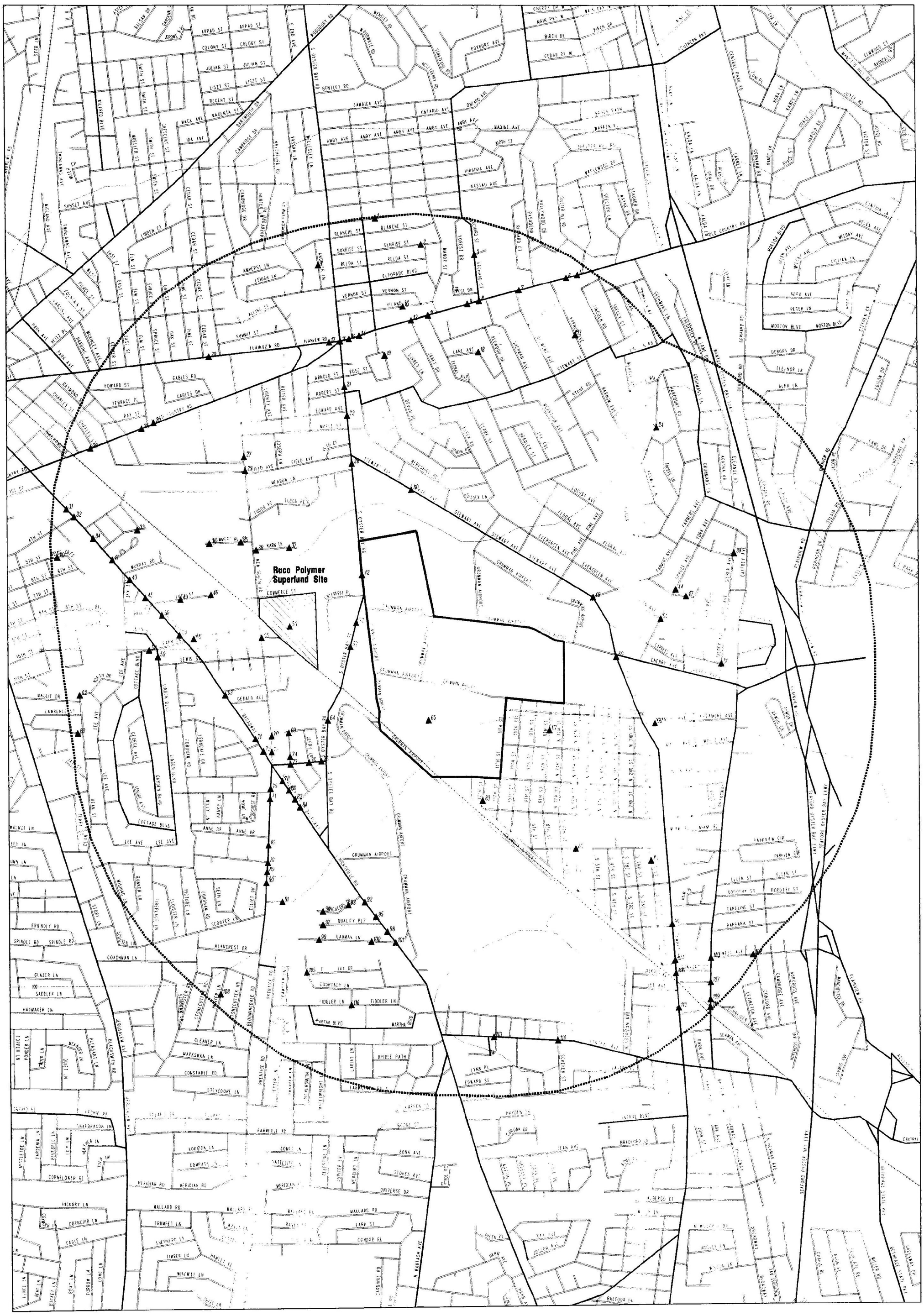
   For those supply wells where VOC contamination has been detected at concentrations above regulatory standards, systems have been installed to treat the water prior to distribution. For those supply wells where VOCs are expected to be detected in the future, the treatment systems have been designed and will be installed.

3. Comment: The United States Environmental Protection Agency reminded the Navy of its statements that TICs (tentatively identified compounds) will be considered in the groundwater operable unit.

   Response: The New York State Department of Environmental Conservation is the lead regulatory agency. If they determine that remediation of TICs is required, then it will be considered in the upcoming Regional Groundwater Feasibility Study.

4. Comment: Several residents questioned whether the water from the Bethpage Water District was safe to use.

   Response: It is the Navy's understanding that the Bethpage Water District regularly monitors the public water supply and that the Bethpage Water District ensures that the water is safe to use, pursuant to NYSDOH standards.



Study Area For

Grumman GO CO Property Bethpage Long Island

Environmental Data Resources, Inc.
Creators of Toxicheck
1-800-352-0050

N

Legend

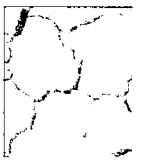
- Listed Sites
- Earthquake Epicenters (Richter 5 or greater)
- Study Area Boundary
- Roads
- Major Roads
- Waterways
- Railroads
- Contour Lines
- Pipelines
- Powerlines
- Fault Lines
- Water
- Superfund Sites

0 1/8 1/4 1/2

Scale in Miles

PHASE II ENVIRONMENTAL SITE ASSESSMENT FOR PLANT 20

SEPTEMBER 15, 1997



FINAL
PHASE II ENVIRONMENTAL SITE ASSESSMENT

for the

PLANT 20 TRANSPORTATION MAINTENANCE FACILITY

GOCO FACILITY
BETHPAGE, NEW YORK

Prepared for:

NORTHROP GRUMMAN CORPORATION
South Oyster Bay Road
Bethpage, New York

September 1997

RADIAN INTERNATIONAL LLC

FINAL PHASE II
ENVIRONMENTAL SITE ASSESSMENT
for the
PLANT 20 TRANSPORTATION
MAINTENANCE FACILITY

GOCO FACILITY
BETHPAGE, NEW YORK

Prepared for:
NORTHROP GRUMMAN CORPORATION
South Oyster Bay Road
Bethpage, New York

Prepared by:
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September 1997

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EXECUTIVE SUMMARY

Radian International LLC (Radian) has been retained by Northrop Grumman Corporation (Northrop Grumman) to perform Phase II Environmental Site Assessments (ESAs) for several Government-Owned, Contractor-Operated (GOCO) areas at the Bethpage, New York facility. On March 26, 1997, field activities were commenced for the Phase II ESA of the Plant 20 Transportation Maintenance Facility at the Bethpage facility. Field activities at the site were completed on May 27, 1997.

Project Objectives

The main objective of this Phase II ESA is to document the investigatory activities undertaken in accordance with the recommendations of the Phase I Site Assessment for the Plant 20 Transportation Maintenance Facility (Plant 20).

Facility Description

Plant 20 is situated within the Government Owned, Contractor Operated (GOCO) section of the Northrop Grumman facility. The site is located in the northwestern portion of the Northrop Grumman facility in the Town of Oyster Bay, Bethpage, New York. Plant 20 has been the site of vehicle maintenance, repair and fueling activities for approximately 55 years.

Summary of Findings

In 1996 and 1997, Radian completed a Phase I ESA for Plant 20. The Phase I ESA identified eight AOCs at Plant 20, and recommended completion of 13 soil borings and collection of 1 concrete sample and 26 soil samples. Two AOCs were not recommended for further action and were therefore not investigated as part of this Phase II ESA. AOC 6 (Leaching Fields) was not recommended for further assessment because investigative activities were ongoing at this site at

the time of the Phase I ESA. AOC 8 (Groundwater Contamination from Off-Site Sources) was not recommended for further action because groundwater in the vicinity of Plant 20 is currently being investigated separately. Because AOC 6 was removed from consideration at the end of the Phase I ESA, AOC 7 was redesignated as AOC 6 for the Phase II ESA sampling program. AOCs were selected based on the potential for release of contaminants into the environment due to current or historical activities at each site.

Initial Sampling Event

During initial Phase II field activities, 13 soil borings were completed at the site. Two soil samples were collected from each boring, except at AOC 6 (closed underground storage tank (UST) sites). For AOC 6, five soil samples were collected at each boring. Field screening of samples from the borings at AOC 6 was conducted with a photo ionization device (PID). Based on the results of the field screening, two samples were selected for laboratory analysis from each of the four borings. Each selected soil sample was analyzed for volatile organic compounds (VOCs), fingerprinted total petroleum hydrocarbons (TPH) and polychlorinated biphenyls (PCBs). One concrete sample (at AOC 1) was collected at Plant 20. Laboratory analyses were performed by Nytest Environmental, Inc. of Port Washington, New York and RECRA Environmental, Inc. of Amherst, New York. Both of these labs carry the 1995 Analytical Services Protocol (ASP) certification as required by Northrop Grumman for this project. Radian subcontracted with EcoChem, Inc. of Seattle, Washington to perform validation of analytical data generated during the initial sampling event. Radian performed validation of the data generated during the secondary sampling event.

Results indicated that soil from the boring advanced at AOC 3 contained mercury at a concentration of 0.11 mg/kg in the interval from 2 to 4 feet below ground surface (bgs). Mercury was also detected in the soil from 0 to 2 feet bgs at this AOC at a concentration of 0.07 mg/kg.

A soil sample from the boring advanced at AOC 4 contained TPH (as gasoline) in the 0 to 2 foot interval at a concentration of 6.4 mg/kg, and in the 2 to 4 foot interval at 11.9 mg/kg.

TPH (as gasoline) was detected in soil at AOC 5 in the 8 to 10 foot bgs interval at 16.7 mg/kg. TPH was not detected in the 6 to 8 foot bgs interval.

A soil sample from a boring completed at AOC 6 (Boring 20-06A) contained TPH (as gasoline) at a concentration of 11.9 mg/kg, in the interval from 16 to 18 feet bgs, and contained TPH (as No. 2 fuel oil) at a concentration of 200 mg/kg in the soil interval from 18 to 20 feet bgs.

A soil sample from the boring completed at random sample location No. 2 (Boring 20-RS2) contained mercury at a concentration of 0.28 mg/kg in the interval from 0 to 2 feet bgs. Mercury was not detected in the soil from 2 to 4 feet bgs at this AOC.

According to NYSDEC guidance, the soil clean up objective for mercury is 0.10 mg/kg. The Eastern United States background concentration for mercury ranges from 0.001 to 0.20 mg/kg. There is no NYSDEC guidance for TPH concentrations in soil. All other constituent concentrations in soil samples collected at Plant 20 were below NYSDEC guidance values or appropriate background concentrations.

Secondary Sampling Event

During the secondary sampling event, 10 soil borings were advanced at Plant 20.

Based on the presence of fingerprinted TPH in soil samples collected from Borings 20-04, 20-05 and 20-06A1, Radian performed confirmation sampling directly adjacent to each boring. Four soil samples were collected from the new boring at AOC 4 (Boring 20-04B). Samples were collected continuously from a depth of 0 feet bgs to 8 feet bgs. Three soil samples were collected from the new boring at AOC 5 (Boring 20-05B). Samples were collected continuously

from a depth of 8 feet bgs to 14 feet bgs. Seven soil samples were collected from the new boring at AOC 6 (Boring 20-06D). Samples were collected continuously from a depth of 10 feet bgs to 24 feet bgs. Samples collected from the new borings at AOCs 4 and 5 were analyzed for constituents contained in Table 1 (fuel oil contaminated soil) of NYSDEC's Spill Technology And Remediation Series (STARS) Memo No. 1, Petroleum-Contaminated Soil Policy. Samples collected from the new boring at AOC 6 were analyzed for constituents contained in Table 2 (fuel oil contaminated soil) of NYSDEC's STARS Memo No. 1, Petroleum-Contaminated Soil Policy.

Based on the presence of mercury in soil samples collected from Borings 20-03 and 20-RS2, Radian performed delineation sampling in the vicinity of each original boring. Three soil borings were completed at AOC 3 (Borings 20-03B, 20-03C and 20-03D). Samples were collected continuously from a depth of 0 feet bgs to 8 feet bgs in each of the three borings. Four soil borings were completed at random sample location No. 2 (Borings 20-RS2B, 20-RS2C, 20-RS2D, and 20-RS2E). Samples were collected continuously from a depth of 0 feet bgs to 8 feet bgs in each of the four borings.

All constituent concentrations were below STARS guidance values for confirmation samples collected at AOCs 4, 5 and 6. All mercury concentrations were below NYSDEC guidance values for delineation samples collected at AOC 3 and random sample location No. 2.

Based on these results, it is recommended that no further investigation or remediation be conducted at Plant 20.

1.0 INTRODUCTION

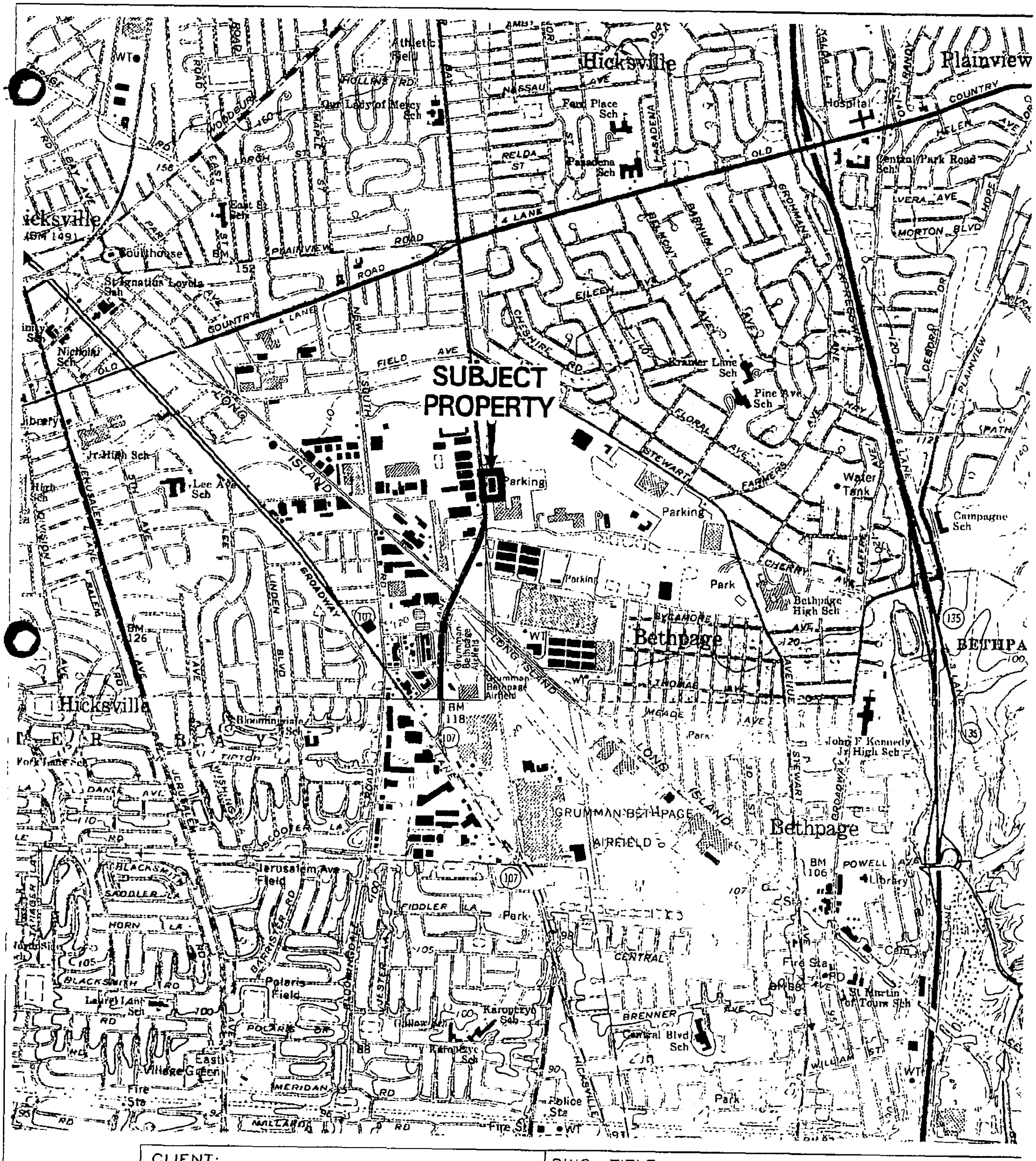
The purpose of this Phase II Environmental Site Assessment (ESA) is to document the investigatory activities undertaken in accordance with the recommendations of the Phase I Site Assessment for the Plant 20 Transportation Maintenance Facility (Plant 20). The assessment included collection of soil samples, field screening of organic vapors in the headspace of sample containers, collection of concrete samples and laboratory analysis of soil and concrete samples.

1.1 Facility Description

Plant 20 is part of a larger facility know as the Naval Weapons Industrial Reserve Plant (NWIRP). The NWIRP property is owned by the U.S. Navy and operated by Northrop Grumman Corporation (Northrop Grumman). The NWIRP facility is also referred to as the Government Owned, Contractor Operated (GOCO) facility. Plant 20 is located in the northwestern portion of the Northrop Grumman facility in the Town of Oyster Bay, Bethpage, in Nassau County, New York. Plant 20 has been the site of vehicle maintenance, repair and fueling activities for approximately 55 years. Figure 1 shows the vicinity map for Plant 20.

1.2 Purpose of the Phase II Assessment

The purpose of the Phase II ESA is to document the investigatory activities undertaken in accordance with the recommendations of the Phase I Site Assessment for Plant 20. Samples collected at each AOC have been analyzed for contaminants that could be expected based on the findings of the Phase I ESA. The analytical results are then compared to applicable NYSDEC guidelines to determine if further investigative or remedial action is necessary.



CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: VICINITY MAP PLANT 20		
RADIAN INTERNATIONAL LLC FAIRFIELD, NEW JERSEY	DRAWN BY: BTD	DATE: FEB 1997	FIGURE: 1
	PROJECT No.: 2704-1006	SCALE: AS NOTED	FILE NUMBER: 2704120A

NYSDEC 058323

1.3 Evaluation of Sample Results

Constituent concentrations in collected soil and concrete samples were compared to New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) on Determination of Soil Cleanup Objectives and Clean Up Levels (TAGM 4046). Because TAGM 4046 does not include guidance for total petroleum hydrocarbons (TPH), any samples that contained fingerprinted TPH above analytical detection limits were collected again and analyzed for constituents included in the Spill Technology And Remediation Series (STARS) Memo No. 1, Petroleum-Contaminated Soil Policy. If any of the guidance values from the STARS Memo No. 1 for TCLP or total concentrations were exceeded for a particular location, additional investigative or remedial action would be recommended.

1.4 Document Organization

Section 1 of this document contains an introduction to the Phase II ESA for Plant 20 and briefly describes the site. Section 2 provides a summary of the Phase I ESA for Plant 20. Section 3 describes the field program that was implemented to gather the necessary data for development of conclusions and recommendations. Section 4 describes the laboratory analytical program, including Quality Assurance/Quality Control (QA/QC) procedures and protocols, and data validation methods. Section 5 lists and discusses all analytical results. Section 6 provides the conclusions and recommendations for Plant 20.

Appendix A to this report contains the complete analytical data tables. Appendix B contains the borehole logs for each boring completed at Plant 20. Appendix C contains the chain of custody forms for all samples that were sent to the laboratory for analysis. Appendix D contains the validation reports for all data generated by the analytical laboratories.

2.0 OVERVIEW OF PHASE I ESA

In February of 1997, a Phase I ESA was completed for Plant 20. The following sections briefly describe the findings of the Phase I ESA.

2.1 Data Gathered for the Phase I ESA

Information gathered during the Phase I ESA included:

- A search of standard regulatory agency databases;
- Inspection of state, county and local environmental records;
- Visual inspections of the property and surrounding properties;
- Review of historical aerial photographs;
- Interviews with Northrop Grumman personnel; and
- Review of Northrop Grumman records and files.

This information was combined to help select AOCs for Plant 20 and to recommend appropriate analysis of environmental samples to be collected as part of the Phase II ESA.

2.2 Site Setting

Plant 20 is located on South Oyster Bay Road and occupies approximately 5 acres within the 105-acre GOCO section of the Northrop Grumman facility. The site is surrounded by industrial and commercial property. The area north of Plant 20 previously contained several buildings constructed of steel sheeting. This area had been used to store tires and for parking of tractor trailers. The buildings are not considered part of the Plant 20 property and were demolished in October 1996. East of the site is Northrop Grumman's Electronic Test Area and Plant 14. Plant 15 is directly south of the site, and Plants 28, 114, 115 and 116 are located west of the site.

The site is owned by the U.S. Navy and has been operated by Northrop Grumman for approximately 55 years. Plant 20 consists of one primary building, the transportation

maintenance garage, and a small truck washing facility directly north of the primary building. Plant 20 is used for maintenance and fueling of Northrop Grumman service vehicles.

2.3 Potential Off-site Sources of Contamination

Database searches and review of regulatory records indicated that the only off-site source with significant potential to contaminate Plant 20 is the Occidental Chemical Company (OCC) RUCO Polymer National Priorities List (NPL) site. This NPL site is located west of Plant 20 and is currently under investigation.

Because Northrop Grumman, OCC and the U.S. Navy are currently developing a feasibility study to develop, evaluate, and select potential remedial alternatives that can be implemented to address contaminated groundwater in the vicinity of the Northrop Grumman Bethpage facility, groundwater was not identified as an area of concern during the Phase I ESA.

2.4 Previous Investigations at the Site

Soil and groundwater have been investigated by the U.S. Navy at the NWIRP Bethpage facility since 1986. Phase I and Phase II remedial investigations were completed at the facility in 1992 and 1993. No sampling at Plant 20 was conducted during these investigations.

In the early 1990's, several investigations were conducted at the OCC/RUCO NPL site and in various portions of the NWIRP facility (including the GOCO facility). None of these investigations included sampling at Plant 20.

In addition to other investigations performed at the Bethpage facility, six groundwater monitoring wells have been installed in the vicinity of Plant 20 as part of an environmental assessment of the property adjacent to Plant 20. Samples collected from these wells indicated

low levels of organic compounds and dissolved metals in the groundwater near Plant 20; however, all concentrations were below New York drinking water standards.

At the time of the Phase I ESA, the leaching fields located east and northeast of the primary Plant 20 building were being closed as part of a USEPA Injection Well Closure program.

2.5 AOC Descriptions and Recommendations

Based on the information collected during the Phase I ESA, eight AOCs were identified at Plant 20. Two AOCs were not recommended for further action, and were therefore not investigated as part of this Phase II ESA. AOC 6 (Leaching Fields) was not recommended for further assessment because investigative activities were ongoing at this site at the time of the Phase I ESA. AOC 8 (Groundwater Contamination from Off-Site Sources) was not recommended for further action because groundwater in the vicinity of Plant 20 is currently being investigated separately. Because AOC 6 was removed from consideration, AOC 7 (Removed or abandoned USTs) was redesignated as AOC 6 for the Phase II ESA sampling program. Brief descriptions and Phase I recommendations for each of the remaining six AOCs are included in the following sections. Table 2-1 summarizes the recommendations for all AOCs.

2.5.1 AOC 1 - Paint Shop Floor Drain and Drain Line

The Paint Shop Drain was identified as an area of environmental concern because it was used as a potential disposal point for paints, solvents and other types of hazardous substances and discharged directly into a subsurface leaching field. The paint shop drain has recently been sealed with concrete, and the leaching field at Plant 20 is under investigation. However, the integrity of the drain line from the paint shop to the leaching field has not been tested. It is possible that contaminants have been released from this line to the subsurface at the site.

Table 2-1

Summary of Recommendations for Phase II Site Assessment

AOC No.	AOC Description	No. of Borings	No. of Corings	Lineal Ft Drilling	No. of Soil Samples	Sampling Interval	No. of Water Samples	Principal Chemicals of Concern - Target Compounds	Recommended Analyses [1] (soil/concrete)						
									1	2	3	4	5	6	7
1	Paint Shop Drain and Drain Line	3	3	12	6	0-4 ft[2] (continuous)	N/A	Paints, Solvents, Thinners	6/1	6/0	6/1				
2	Waste Oil Storage Area	1	1	4	2	0-4 ft[2] (continuous)	N/A	Oils, Various	2/0	2/0			2/0	2/0	
3	Unused Product Storage Area	1	1	4	2	0-4 ft[2] (continuous)	N/A	Oils, Various	2/0	2/0			2/0	2/0	
4	Oil Dispensing Area	1	1	4	2	0-4 ft[2] (continuous)	N/A	Oils	2/0	2/0			2/0	2/0	
5	Hydraulic Lift Reservoir	1	1	10	2	0-10 ft[2,3,5] (continuous)	N/A	Hydraulic Fluid, PCBs					2/0	2/0	
6	Leaching Fields	No samples will be collected													
7	Removed or Abandoned USTs	1 or 2 per tank[4]	N/A	20 per boring	2 per boring[5]	0-10 ft[2,3,5] (continuous)	N/A	Gasoline, Diesel, Fuel Oils		8/0			8/0	8/0	
8	Groundwater	No samples will be collected													
9	Random Samples	2	2	8	4	0-4 ft[2] (continuous)	N/A	Various	4/0	4/0			4/0	4/0	4/0

N/A - Not Applicable
(1) Analyses are listed below.
(2) For continuous soil sampling, a sample will be collected every two (2) feet.
(3) Samples from borings at the USTs and the hydraulic fluid reservoir will be collected below the BOTTOM OF THE TANK.
(4) USTs less than 1,000 gallons will require 1 boring. USTs greater than or equal to 1,000 gallons will require 2 borings.
(5) First sample to be collected directly below the tank. Remaining samples to be screened by PID and highest reading sample analyzed.

1 - Priority Pollutant Metals (Method 6010)
2 - Volatile Organic Compounds (Method 8240)
3 - Semivolatile Organic Compounds (Method 8270)
4 - Cyanide (Method 335.1)
5 - Total Petroleum Hydrocarbons (Method 8015- Modified)
6 - Polychlorinated biphenyls (PCBs)
7 - Select Glycols (no method number)

The Phase I ESA recommended that three soil borings be completed at this AOC, one at the floor drain and two along the drain line. It was recommended that two soil samples be collected from each boring, and that each soil sample be analyzed for metals, volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs). It was also recommended that one concrete sample be collected from the boring at the floor drain, and that it be analyzed for metals and SVOCs.

2.5.2 AOC 2 - Waste Oil Storage Area

The Waste Oil Storage Area was identified as an area of environmental concern based on the potential for surface releases of waste oil, waste antifreeze, and other liquid wastes stored in this area. Despite the fact that the floor in this area appears to be in good condition and no significant staining was observed, it is possible that spills or other undocumented releases have reached the soil under this area.

The Phase I ESA recommended that one soil boring be completed at this AOC, and that two soil samples be collected from the boring. It was recommended that the soil samples be analyzed for metals, VOCs, TPH and polychlorinated biphenyls (PCBs).

2.5.3 AOC 3 - Unused Product Storage Area

The Unused Product Storage Area was identified as an area of potential environmental concern based on the potential for surface releases of oils and other liquid products used at the garage. Despite the fact that the floor in this area appears to be in good condition and no significant staining was observed, it is possible that spills or other undocumented releases have reached the soil under this area.

The Phase I ESA recommended that one soil boring be completed at this AOC, and that two soil samples be collected from the boring. It was recommended that the soil samples be analyzed for metals, VOCs, TPH and PCBs.

2.5.4 AOC 4 - Oil Dispensing Area

The Oil Dispensing Area was identified as an area of environmental concern based on the potential for releases of oil to surface soil at this site. Despite the fact that the floor in this area appears to be in good condition and no significant staining was observed, it is possible that spills or other undocumented releases have reached the soil under this area.

The Phase I ESA recommended that one soil boring be completed at this AOC, and that two soil samples be collected from the boring. It was recommended that the soil samples be analyzed for metals, VOCs, TPH and PCBs.

2.5.5 AOC 5 - Hydraulic Lift Reservoir

The hydraulic lift and associated hydraulic fluid reservoir tank were determined in the Phase I ESA to represent a potential area of environmental concern. The hydraulic lift is of unknown age, but appears to be more than 10 years old. The hydraulic fluid reservoir tank is located beneath the concrete floor at Plant 20, therefore, it cannot be visually inspected for releases. Hydraulic lifts have the potential to leak hydraulic fluids and oils into the subsurface.

The Phase I ESA recommended that one soil boring be completed at this AOC, and that two soil samples be collected from the boring. It was recommended that the soil samples be analyzed for TPH and PCBs.

2.5.6 AOC 6 - Removed or Abandoned USTs

Although it appears that all of the existing USTs at the Plant 20 property are currently in compliance, several of the USTs that have been previously closed were determined to represent potential AOCs. For three tanks, closure was not completely documented or approved by the appropriate regulatory officials. The following three USTs at Plant 20 were recommended for further investigation in the Phase I ESA:

UST ID	UST Capacity (gallons)	UST Contents	UST Material of Construction	Year Installed
20-01-04	4,000	Gasoline	Steel	1975
20-01-09	550	Used Oil	Steel	1968
20-02-01	550	Used Oil	Steel	1974

Tank 20-02-01 may have been removed previously, but no records of its closure or removal exist.

The Phase I ESA recommended that four soil borings be completed at this AOC, and that five soil samples be collected from each boring. Field screening was recommended to select two samples from each boring for laboratory analysis. It was recommended that the soil samples from this AOC be analyzed for VOCs, TPH and PCBs.

2.5.7 Random Sample Locations

In an effort to detect any additional contaminants that might have been released at Plant 20, but not at one of the designated AOCs, the Phase I ESA recommended that soil borings be completed in two random locations. It was recommended that two soil samples be collected from each boring, and that the samples be analyzed for metals, VOCs, fingerprinted TPH, PCBs and glycols.

3.0 FIELD PROGRAM

Initial sampling at Plant 20 was begun on March 25, 1997 and was completed on March 26. A second round of sampling was conducted from May 23 through May 27, 1997. The following sections describe in detail the field sampling program conducted for the Phase II ESA at Plant 20.

3.1 Health and Safety Procedures

A site-specific health and safety plan was developed by Radian for all field activities performed at Plant 20. Field personnel were required to review the plan and follow all provisions of the plan.

In addition to the requirements prescribed in the health and safety plan, Northrop Grumman required that Radian field sampling personnel wear safety glasses at all times during sampling. Northrop Grumman also required that gasoline-powered sampling equipment not be used for any indoor sampling. Diesel-powered equipment was considered acceptable for indoor sampling, as long as equipment exhaust was directed outside the building. Propane-powered sampling equipment was permitted inside all Northrop Grumman buildings.

3.2 Sampling Methodology

As discussed previously, the purpose of the Phase II ESA at Plant 20 is to document the investigatory activities undertaken in accordance with the recommendations of the Phase I ESA. To achieve this purpose, initial sampling was conducted at each previously selected AOC where sampling was recommended. Results from collected samples were reviewed to determine whether additional sampling or remediation would be necessary at each AOC.

Initial sampling results were reviewed to determine if a second round of sampling would be required. The purpose of secondary sampling is to effectively delineate contamination, or to determine whether remediation is required. If initial soil samples indicated that contaminants, other than fingerprinted TPH, were present, secondary delineation was performed. When feasible, delineation sampling consisted of collecting soil samples from four borings, each located five feet from the original boring. Sampling depths were selected based on the depth that the contaminant(s) were detected in the original boring. If fingerprinted TPH was detected in soil samples, a confirmatory boring was advanced adjacent to the original boring, and soil samples analyzed for compounds contained in NYSDEC's STARS Memo No. 1.

If secondary sampling did not fully delineate the vertical or horizontal extent of contamination at a particular AOC, tertiary sampling was conducted. The purpose of tertiary sampling is to effectively delineate any contamination such that effective remediation can be performed.

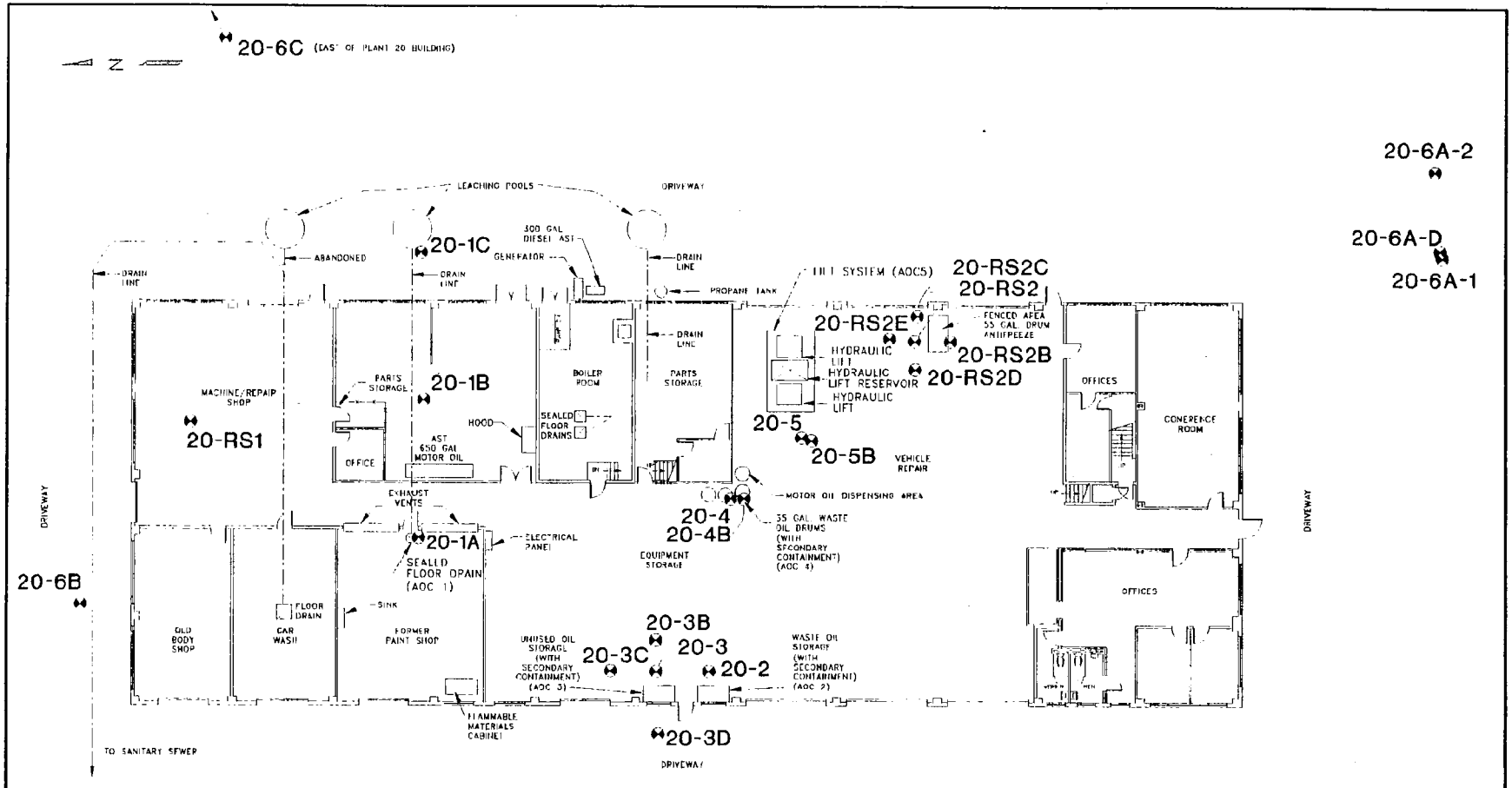
For Plant 20, initial sampling results indicated that secondary sampling was required at AOCs 3, 4, 5, 6, and Random Sample Location No. 2. These sampling events are discussed below in Section 3.3. Results from the sampling events are discussed in Section 5 of this report.

3.3 Sample Locations and Depths

Figure 2 shows the locations of the 13 initial soil borings and the 10 secondary borings completed at Plant 20. These locations were surveyed and are shown in relation to permanent structures at the site.

3.3.1 AOC 1 - Paint Shop Floor Drain and Drain Line

Initial sampling at AOC 1 included the installation of three soil borings, one at the floor drain and two along the drain line. Each of the borings was completed through the existing concrete pavement. The concrete in these areas was approximately 5 inches thick. Samples were collected



LEGEND

SOIL BORING LOCATION

CLIENT: NORTHROP GRUMMAN CORP. BETHPAGE, LONG ISLAND, NY	DWG. TITLE: SOIL BORING LOCATIONS PLANT 20		
RADIAN INTERNATIONAL LLC	DRAWN BY: BTD	DATE: JULY 1997	FIGURE: 2
	PROJECT No.: 2704-100	SCALE: NONE	FILE NUMBER: GRUMMANT.DWG

from each boring continuously from 0 to 4 feet bgs. Each sample represented a two-foot interval. One concrete sample was collected directly adjacent to the floor drain.

3.3.2 AOC 2 - Waste Oil Storage Area

Sampling at AOC 2 included the installation of one soil boring. The boring was completed through the existing concrete pavement. The concrete in this area was approximately 5 inches thick. Samples were collected from the boring continuously from 0 to 4 feet bgs. Each sample represented a two-foot interval.

3.3.3 AOC 3 - Unused Product Storage Area

3.3.3.1 Initial Sampling Event

Initial sampling at AOC 3 included the installation of one soil boring. The boring was completed through the existing concrete pavement. The concrete in this area was approximately 5 inches thick. Samples were collected from the boring continuously from 0 to 4 feet bgs. Each sample represented a two-foot interval.

3.3.3.2 Secondary Sampling Event

Secondary sampling at AOC 3 included the installation of three soil borings (Borings 20-03B, 20-03C, and 20-03D). Soil samples were collected continuously from each boring from 0 to 8 feet bgs. Each sample represented a two-foot interval.

3.3.4 AOC 4 - Oil Dispensing Area

3.3.4.1 Initial Sampling Event

Initial sampling at AOC 4 included the installation of one soil boring (Boring 20-04). The boring was completed through the existing concrete pavement. The concrete in this area was approximately 5 inches thick. Samples were collected from the boring continuously from 0 to 4 feet bgs. Each sample represented a two-foot interval.

3.3.4.2 Secondary Sampling Event

Secondary sampling at AOC 4 included the installation of one soil boring (20-04B). Soil samples were collected continuously from the boring from 0 to 8 feet bgs. Each sample represented a two-foot interval.

3.3.5 AOC 5 - Hydraulic Lift Reservoir

3.3.5.1 Initial Sampling Event

Initial sampling at AOC 5 included the installation of one soil boring (Boring 20-05). It was assumed that the bottom of the hydraulic fluid reservoir was located approximately 6 feet bgs, therefore samples were collected starting at 6 feet bgs. The boring was completed through the existing concrete pavement. The concrete in this area was approximately 5 inches thick. Two soil samples were collected continuously from 6 to 10 feet bgs in the borehole. Each sample represented a two-foot interval.

3.3.5.2 Secondary Sampling Event

Secondary sampling at AOC 5 included the installation of one soil boring (Boring 20-05B). Soil samples were collected continuously from the boring from o to 8 feet bgs. Each sample represented a two-foot interval.

3.3.6 AOC 6 - Removed or Abandoned USTs

3.3.6.1 Initial Sampling Event

Initial sampling at AOC 6 included the installation of four soil borings (Borings 20-06A1, 20-06A2, 20-06B, and 20-06C). It was assumed that the bottom of each UST was located approximately 10 feet bgs, therefore samples were collected in each of the four boreholes starting at 10 feet bgs. Three of the borings was completed through the existing concrete pavement. The concrete in these areas was approximately 5 inches thick. One boring (Boring 20-06C) was not covered by pavement or other surface obstructions. Five soil samples were collected continuously from 10 to 20 feet bgs in each borehole. Each sample represented a two-foot interval.

3.3.6.2 Secondary Sampling Event

Secondary sampling at AOC 6 included the installation of one soil boring (Boring 20-06D). Soil samples were collected continuously from 10 to 24 feet bgs. Each sample represented a two-foot interval.

3.3.7 Random Sample Points

3.3.7.1 Initial Sampling Event

Two borings were advanced in random locations within Plant 20. One boring (Boring 20-RS1) was located in the machine shop. The other boring (Boring 20-RS2) was located near the antifreeze storage cage in the east end of the main repair bay. The borings were completed through the existing concrete pavement. The concrete in this area was approximately 5 inches thick. Samples were collected from the borings continuously from 0 to 4 feet bgs. Each sample represented a two-foot interval.

3.3.7.2 Secondary Sampling Event

Secondary sampling at the random sample points included installation of four soil borings (20-RSB, 20-RS2C, 20-RS2D, 20-RS2E). Soil samples were collected continuously from each boring from 0 to 8 feet bgs. Each sample represented a two-foot interval.

3.4 Sample Collection Procedures

Radian subcontracted to Zebra Environmental (Zebra) of Inwood, New York for collection of soil samples at Plant 20. Zebra personnel operated direct push rigs to collect soil samples, while Radian field personnel handled samples after collection and transferred the samples to proper shipping containers for transport to the laboratory. Samples were collected using hollow, steel sampling tubes which were lined with plastic soil collection sleeves. The steel tubes were decontaminated between samples using a pressure washer and a soap and water solution. The plastic sleeves were not reused.

Samples were transferred directly from the plastic sleeves to the appropriate sample containers. Sample containers for VOC analysis were transferred immediately after sample collection to

minimize the opportunity for loss of VOCs during sample handling. Disposable latex or nitrile gloves were worn by the Radian sampling personnel during transfer of the soil to the containers. Gloves were discarded between samples.

3.5 Field Screening of Soil Samples

Soil samples collected from AOC 6 (Removed or Abandoned USTs) at Plant 20 were screened for organic vapors using a photo ionization device (PID). Organic vapor concentrations were determined by sampling the headspace within the sample container for each soil sample.

Prior to commencement of sampling activities, it was decided that at least two samples from each of the boreholes located at AOC 6 would be sent to the laboratory for analysis. It was also decided that, if applicable, the two samples with the highest PID readings in each borehole would be selected for analysis. If organic vapors were not detected in any of the samples, or all vapor concentrations were equal, the deepest and most shallow samples would be sent to the laboratory. In addition, Radian field sampling personnel were given the authority to collect additional deeper samples or send additional samples to the laboratory, if field observations warranted.

Periodic sampling of the air in the breathing zone and at the ground surface indicated a background organic vapor concentration of 2 parts per million (ppm) at Plant 20. The following table lists the field screening results for the samples collected at Plant 20.

AOC	Boring Number	Sample ID	Sample Depth	Organic Vapor Conc. (1)	Sent to Laboratory?
6	1	20-6A1-1	10-12	3	No
6	1	20-6A1-2	12-14	3	No
6	1	20-6A1-3	14-16	3	No
6	1	20-6A1-4	16-18	3	Yes
6	1	20-6A1-5	18-20	3	Yes
6	2	20-6A2-1	10-12	3	Yes
6	2	20-6A2-2	12-14	3	No

AOC	Boring Number	Sample ID	Sample Depth	Organic Vapor Conc. (1)	Sent to Laboratory?
6	2	20-6A2-3	14-16	2	No
6	2	20-6A2-4	16-18	2	No
6	2	20-6A2-5	18-20	1	Yes
6	3	20-6B1-1	10-12	0	No
6	3	20-6B1-2	12-14	1	Yes
6	3	20-6B1-3	14-16	2	Yes
6	3	20-6B1-4	16-18	NA	No
6	4	20-6C1-1	10-12	2	Yes
6	4	20-6C1-2	12-14	1	No
6	4	20-6C1-3	14-16	0	Yes
6	4	20-6C1-4	16-18	0	No
6	4	20-6C1-5	18-20	0	No

(1) Organic vapor concentrations are in ppm, and are reported as ppm above background concentration.
NA - Not analyzed.

Note that only four samples were collected from borehole 6B1 due to auger refusal at 18 feet bgs. Also, organic vapor screening was not performed for sample 20-6B1-4 due to lack of sample volume, and because collection of a headspace sample could impact VOC concentrations in the soil sample.

3.6 Field Observations

The weather during initial field activities at Plant 20 was overcast and breezy, and outdoor temperatures were between 35 and 45 degrees Fahrenheit. The weather during secondary field activities at Plant 20 was sunny with temperatures between 75 and 85 degrees Fahrenheit. Prior to initial sampling, a tank and cable detector was employed at AOC 6 in an effort to locate the USTs that had been previously operated at the site. Because of magnetic interference, the presence of underground tanks was not confirmed. No underground tanks or other structures were encountered during sampling.

Because use of direct push equipment prohibits observation of subsurface soil except when samples are collected, complete borehole logs could not be developed for Plant 20. The soil in this area is generally yellow to brown in color and is mostly sand with some silt and gravel present. Borehole logs describing collected samples are included in Appendix B to this report.

None of the soil samples collected at Plant 20 had any observable signs of contamination. Observable signs of soil contamination include odor and visible staining.

4.0 ANALYTICAL PROGRAM

This section presents the various elements of the sample analysis program used by Radian for samples collected as part of the Phase II ESA. For Plant 20, soil and concrete samples were collected. Samples were analyzed for varying combinations of the following:

- Metals;
- VOCs;
- SVOCs;
- TPH;
- PCBs; and
- Glycols.

4.1 Laboratory Protocols

The samples collected during the Phase II investigation were analyzed in accordance with the NYSDEC Analytical Services Protocol (ASP), dated December 1991. The laboratories performing the analyses for this project were Nytest Environmental, Inc. of Port Washington, New York and RECRA Environmental, Inc. of Amherst, New York. Each of these laboratory facilities served as a subcontractor to Radian. The samples from Plant 20 were analyzed for varying combinations of Priority Pollutant (PP) metals, Target Compound List (TCL) VOCs, TCL SVOCs, fingerprinted TPH as Gasoline and Diesel Range Organics (GRO and DRO), TCL PCBs and glycols. NYSDEC ASP analytical methods were used for these analyses and are listed on Table 4-1.

Table 4-1. Analytical Methods

Parameter	Method
PP Metals	SW-846 6010 (7470 for Mercury)
TCL Volatile Organics	ASP 91-1
TCL Semivolatile Organics	ASP 91-2
TPH - Gasoline Range Organics	SW-846 8015-modified
TPH - Diesel Range Organics	SW-846 8015-modified

Parameter	Method
TCL Polychlorinated Biphenyls	SW-846 8080
Glycols	SW-846 8015-modified

4.2 Quality Assurance and Quality Control

The laboratory performed the following quality assurance and quality control (QA/QC) procedures according to the NYSDEC ASP:

- Initial and continuing instrument calibration;
- Instrument tuning (GC/MS);
- Internal standards;
- Laboratory Control Samples;
- Surrogate compounds;
- Laboratory duplicates;
- Matrix spikes and matrix spike duplicates; and
- Method (reagent) blanks.

To assess the overall precision of Radian's sampling and analysis program, field duplicates were collected at a frequency of 5 percent and were submitted to the laboratory for analysis.

4.3 Data Validation

The laboratory data from the initial sampling event was validated by EcoChem, Inc. of Seattle, Washington, a subcontractor to Radian. Data from the secondary sampling event was validated by Radian. A review of sample custody, laboratory performance, and basic quality control parameters was conducted on 100 percent of the samples from each sample delivery group (SDG). This review included evaluation of the following elements:

- Accuracy from matrix spikes and matrix spike duplicates (MS/MSD), blank spikes and surrogates;
- Precision from MS/MSD, laboratory duplicate samples, and field duplicate samples;

- Calibration, both initial and continuing;
- Instrument performance checks (for TCL volatiles only); and
- Method and instrument blank contamination.

Additionally, 20 percent of the samples from the SDG received a full review including review of documentation, completeness, and transcription and calculation checks.

The data validation was based on the quality control (QC) criteria documented in the NYSDEC ASP, the individual methods, the laboratory-specific procedures, the National Functional Guidelines for Organic Data Review (1994) and the EPA Region II Functional Guidelines (1992). The validation report for Plant 20 is provided in Appendix D to this report.

Data qualifiers were assigned according to the EPA Region II of National Functional Guidelines to data that were impacted. These qualifiers are summarized in the data validation reports. Overall, the data collected for Plant 20, as qualified, are acceptable for use.

4.4 Data Usability

For the primary sampling event, 5,704 analytical results were generated. From the validation process, 280 (4.9%) results were qualified with a "J" as being estimated; while 90 (1.6%) results were qualified with an "R" as being rejected. The rejected results include:

- Data points for TPH (as gasoline) were rejected in three samples: 20042, 20052, and 206B13. The data points were rejected based on the method of integration of the chromatogram since the method used could lead to low bias in the reported gasoline concentration. However, these data points are used by the project team for screening purposes only and, as such, the absence or presence of gasoline is of interest, not the precise concentration. The rejection of these data points due to possible low bias is not of significance after consideration of the end use of the data and, therefore, these data points are usable for project decision making.

- Data points for 4-chloroaniline were rejected in two samples, 2001C1RE, and 2001C2RE. The data points were rejected based on the %RSD of this compound in the initial calibration standard. 4-Chloroaniline was reported as non-detected in both of the affected samples as well as in the other nine samples from this site which were analyzed for semivolatile organic compounds. Considering the entire data set for this site, it is apparent that 4-chloroaniline is not a site-specific contaminant. Therefore, the rejection of 2 of 11 data points is not significant.

- Data points for the tentatively identified compound (TIC) unknown siloxane were rejected in 11 data points in 10 samples (20041, 20042, 20RS1, 206A15, 206A21, 206A25, 206B12, 206C11, 206C13, and 20613D). The basis for the rejection of these data points was that siloxanes are common laboratory contaminants. Because this compound was reported as a TIC, it is expected that the identity of the compound is uncertain and the concentration of the compound is estimated. Therefore, these data points are considered to be qualitative and are used by the project team only in conjunction with non-TIC data during the decision-making stages of the project. The rejection of these 11 data points has no effect on the overall usability of this data set.

- Additionally, 74 unknown TICs were rejected because their identity cannot be determined and provide no use to the project team.

For the secondary sampling event, 500 analytical results were generated. From the validation process, none of the results were qualified with a "J" or an "R."

Overall, with the exceptions noted above, the data generated for these sampling efforts can be used for their intended purposes.

5.0 PHASE II FINDINGS

The following sections discuss the findings of the Phase II ESA at Plant 20. Sample results are presented and compared to pertinent guidance values.

5.1 AOC 1 - Paint Shop Drain and Drain Line

Three borings were installed at AOC 1 (Borings 20-01A, 20-01B, and 20-01C). Soil samples were collected continuously (over two-foot intervals) in each boring starting at 0 feet bgs and continuing to 4 feet bgs. Two soil samples were collected from each boring. One concrete sample was collected directly adjacent to the floor drain. Collected soil samples were analyzed for metals, VOCs and SVOCs, and the concrete sample was analyzed for metals and SVOCs. Table 5-1 lists the compounds with concentrations above guidance levels in samples collected at Plant 20, and Appendix A contains the data for all samples analyzed.

Copper, mercury, and zinc were detected above NYSDEC guidance values for soil in the concrete sample collected at AOC 1. None of these constituents were detected above NYSDEC guidance values in soil samples collected from the same boring. No other contaminant concentrations in soil or concrete samples collected at AOC 1 exceeded NYSDEC guidance values for soil.

5.2 AOC 2 - Waste Oil Storage Area

One boring was installed at AOC 2 (Boring 20-02). Soil samples were collected continuously (over two-foot intervals) starting at 0 feet bgs and continuing to 4 feet bgs. Two soil samples were collected from the boring. Collected samples were analyzed for metals, VOCs, fingerprinted TPH, and PCBs. Table 5-1 lists the compounds with concentrations above guidance levels in samples collected at Plant 20, and Appendix A contains the data for all samples analyzed.

Table 5-1

Summary of Detected Constituents Above Guidance Levels at Plant 20

AOC	SAMPLE ID	DEPTH (FT)	PARAMETER	ANALYTE	RESULT	UNITS	MDL	TAGM	EASTERN USA BACKGROUND
01	2001AC (concrete)	0	METALS	Zinc	52.8	mg/kg	0.80	20 or SB	9.0-50
01	2001AC Dup (concrete)	0	METALS	Mercury	0.22	mg/kg	0.10	0.10	0.001-0.20
				Copper	69.2	mg/kg	0.05	25 or SB	1.0-50
03	20032	2-4	METALS	Mercury	0.11	mg/kg	0.11	0.1	0.2
04	20041	0-2	TPH-GRO	TPH (as Gasoline)	6.4	mg/kg	5	NE	NA
04	20042	2-4	TPH-GRO	TPH (as Gasoline)	11.9	mg/kg	5.2	NE	NA
05	20052	8-10	TPH-GRO	TPH (as Gasoline)	16.7	mg/kg	5.0	NE	NA
06	206A14	16-18	TPH-GRO	TPH (as Gasoline)	11.9	mg/kg	5.4	NE	NA
06	206A15	18-20	TPH-GRO	TPH (as #2 Fuel Oil)	200	mg/kg	--	NE	NA
RS2	20RS21	0-2	METALS	Mercury	0.28	mg/kg	0.11	0.1	0.2

NOTES:
SB - Site Background
NA - Not Available
TAGM - Technical and Administrative Guidance Memorandum on Determination of Soil Cleanup Objectives and Cleanup Levels, dated January 24, 1994.
NE - There is no TAGM cleanup level for this analyte.
MDL - Method Detection Limit; For organics, the MDL used by the laboratory is the Contract Required Quantitation Limit (CRQL) from the NYSDEC ASP, adjusted for percent moisture as appropriate.

No contaminant concentrations in soil samples collected at AOC 2 exceeded NYSDEC guidance values for soil.

5.3 AOC 3 - Unused Product Storage Area

5.3.1 Initial Sampling Event

During the initial sampling event, one boring was installed at AOC 3 (Boring 20-03). Soil samples were collected continuously (over two-foot intervals) from the boring starting at 0 feet bgs and continuing to 4 feet bgs. Two soil samples were collected from the boring. Collected samples were analyzed for metals, VOCs, fingerprinted TPH, and PCBs. Table 5-1 lists the compounds with concentrations above guidance levels in samples collected at Plant 20, and Appendix A contains the data for all samples analyzed.

Mercury was detected at AOC 3 at a concentration of 0.11 mg/kg, in the soil interval from 2 to 4 feet bgs. Mercury was detected at a concentration of 0.07 mg/kg in the soil interval from 0 to 2 feet bgs. All other constituents were either not detected or were detected below NYSDEC guidance levels. Based on the findings of the initial sampling event, secondary sampling was recommended at AOC 3.

5.3.2 Secondary Sampling Event

During the secondary sampling event, three additional borings were installed at AOC 3 (Borings 20-03B, 20-03C, and 20-03D). Each new boring was located five feet from the original boring. Soil samples were collected continuously (over two-foot intervals) from each boring starting at 0 feet bgs and continuing to 8 feet bgs. Soil samples from the borings were analyzed for mercury. Mercury was not detected in any of the soil samples collected during the secondary sampling event.

5.4 AOC 4 - Oil Dispensing Area

5.4.1 Initial Sampling Event

During the initial sampling event, one boring was installed at AOC 4 (Boring 20-04). Soil samples were collected continuously (over two-foot intervals) starting at 0 feet bgs and continuing to 4 feet bgs. Two soil samples were collected from the boring. Collected samples were analyzed for metals, VOCs, fingerprinted TPH, and PCBs. Table 5-1 lists the compounds with concentrations above guidance levels in samples collected at Plant 20, and Appendix A contains the data for all samples analyzed.

TPH (fingerprinted as gasoline) was detected in Boring 20-04 at a concentration of 6.4 mg/kg, in the soil interval from 0 to 2 feet bgs, and at 11.9 mg/kg in the soil interval from 2 to 4 feet bgs. All other constituents were either not detected or were detected below NYSDEC guidance levels. Neither soil staining nor odor was observed during collection of soil samples from Boring 20-04. Based on the findings of the initial sampling event, secondary sampling was recommended at AOC 4.

5.4.2 Secondary Sampling Event

During the secondary sampling event, one additional boring was installed at AOC 4 (Boring 20-04B) directly adjacent to the original soil boring. Soil samples were collected continuously (over two-foot intervals) from the boring starting at 0 feet bgs and continuing to 8 feet bgs. Collected soil samples were analyzed for STARS Table I compounds. None of the constituent concentrations in the soil samples collected from the second boring exceeded STARS Memo No. 1 guidance values.

5.5 AOC 5 – Hydraulic Lift Reservoir

5.5.1 Initial Sampling Event

During the initial sampling event, one boring was installed at AOC 5 (Boring 20-05). Soil samples were collected continuously (over two-foot intervals) starting at 6 feet bgs and continuing to 10 feet bgs. Two soil samples were collected from the boring. Collected samples were analyzed for fingerprinted TPH and PCBs. Table 5-1 lists the compounds with concentrations above guidance levels in samples collected at Plant 20, and Appendix A contains the data for all samples analyzed.

TPH (fingerprinted as gasoline) was detected in Boring 20-05 at a concentration of 16.7 mg/kg, in the soil interval from 8 to 10 feet bgs, and at was not detected in the soil interval from 6 to 8 feet bgs. All other constituents were either not detected or were detected below NYSDEC guidance levels. Neither soil staining nor odor was observed during collection of soil samples from Boring 20-05. Based on the findings of the initial sampling event, secondary sampling was recommended at AOC 5.

5.5.2 Secondary Sampling Event

During the secondary sampling event, one additional boring was installed at AOC 5 directly adjacent to the original soil boring. Soil samples were collected continuously (over two-foot intervals) from the boring starting at 0 feet bgs and continuing to 8 feet bgs. Collected soil samples were analyzed for STARS Table I compounds. None of the constituent concentrations in the soil samples collected from the second boring exceeded STARS Memo No. 1 guidance values.

5.6 AOC 6 - Removed or Abandoned USTs

5.6.1 Initial Sampling Event

During the initial sampling event, four borings were installed at AOC 6 (Borings 20-06A1, 20-06A2, 20-06B, and 20-06C). Soil samples were collected continuously (over two-foot intervals) starting at 10 feet bgs and continuing to 20 bgs. Five soil samples were collected from each boring, and two samples were selected for laboratory analysis based on field screening with a PID. Collected samples were analyzed for SVOCs, fingerprinted TPH, and PCBs. Table 5-1 lists the compounds with concentrations above guidance levels in samples collected at Plant 20, and Appendix A contains the data for all samples analyzed.

TPH (fingerprinted as No. 2 fuel oil) was detected in one of the borings at AOC 6 (Boring 20-06A1) at a concentration of 200 mg/kg, in the soil interval from 18 to 20 feet bgs, and as gasoline at 11.9 mg/kg in the soil interval from 16 to 18 feet bgs. All other constituents were either not detected or were detected below NYSDEC guidance levels. No odor or staining was observed in soil samples collected from Boring 20-06A1. Based on the findings of the initial sampling event, secondary sampling was recommended at AOC 6.

5.6.2 Secondary Sampling Event

During the secondary sampling event, one additional boring (Boring 20-06D) was installed at AOC 6 directly adjacent to the original location of Boring 20-06A1. Soil samples were collected continuously (over two-foot intervals) from the boring starting at 10 feet bgs and continuing to 24 feet bgs. Soil samples were analyzed for STARS Table II compounds. None of the constituent concentrations in the soil samples collected from the second boring exceeded STARS Memo No. 1 guidance values.

5.7 Random Sample Locations

5.7.1 Initial Sampling Event

During the initial sampling event, two borings were installed in random locations (Borings 20-RS1 and 20-RS2). Soil samples were collected continuously (over two-foot intervals) starting at 0 feet bgs and continuing to 4 feet bgs. Two soil samples were collected from each boring. Collected samples were analyzed for metals, VOCs, fingerprinted TPH, PCBs, and glycols. Table 5-1 lists the compounds with concentrations above guidance levels in samples collected at Plant 20, and Appendix A contains the data from all samples collected.

Mercury was detected in Boring 20-RS2 at a concentration of 0.28 mg/kg, in the soil interval from 0 to 2 feet below ground surface (bgs). Mercury was not detected in the soil interval from 2 to 4 feet bgs. All other constituents were either not detected or were detected below NYSDEC guidance levels. Based on the findings of the initial sampling event, secondary sampling was recommended at random sampling location No. 2.

5.7.2 Secondary Sampling Event

During the secondary sampling event, four additional borings (Borings 20-RS2B, 20-RS2C, 20-RSC, and 20-RS2D) were installed in the vicinity of random sample location No. 2 (Boring 20-RS2). Each new boring was located five feet from the original boring. Soil samples were collected continuously (over two-foot intervals) from each boring starting at 0 feet bgs and continuing to 8 feet bgs. All samples were analyzed for mercury. Mercury was not detected in any of the soil samples collected during the secondary sampling event.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of sampling and analysis, it is recommended that no further investigation or remediation be performed at Plant 20.

TPH was detected in soil at three AOCs (4, 5, and 6) at Plant 20. However, when each of these AOCs was resampled for compounds included in the NYSDEC STARS Memo No. 1, no exceedances were noted. Based on these results, no additional delineation or remediation for TPH is required at Plant 20.

Mercury was detected at two AOCs (4 and Random Sample Location no. 2) at Plant 20. However, when additional samples were collected, it was determined that mercury contamination was not present five feet from the original sample locations. This fact, coupled with the fact that the mercury concentrations were very low and close to NYSDEC guidance values, and that the soil in these areas is beneath a 5-inch thick concrete slab, leads to the conclusion that no additional investigation or remediation for mercury is required at Plant 20.

As discussed previously, groundwater was not investigated as part of this Phase II ESA, but will be addressed as part of an ongoing feasibility study being jointly conducted by Northrop Grumman, the U.S. Navy, and RUCO.

Appendix A

ANALYTICAL DATA TABLES

Appendix A.1

INITIAL SAMPLING EVENT

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-01A-1	20-01A-2	20-01A-2 Dup	20-01A-C	20-01A-C Dup	NYSDEC	Eastern
AOC	01	01	01	01	01	Soil Cleanup	USA
Depth (Feet BGS)	0 - 2	2 - 4	2 - 4	Concrete	Concrete	Objective (a)	Background
Date Collected	03/25/97	03/25/97	03/25/97	03/25/97	03/25/97		
Metals (mg/kg)							
Antimony	1.0 U	0.98	1.3	1.2 J	1.2 J	SB	N/A
Arsenic	1.1	1.1	0.82 U	0.80 U	0.80 U	7.5 or SB	3 - 12
Beryllium	0.09	0.03	0.02 U	0.18	0.13	0.16 or SB	0.1 - 1.75
Cadmium	0.22	0.13	0.08 U	1.0 J	0.19 J	10 or SB (b)	0.1 - 1.0
Chromium	4.3 J	5.3 J	2.5 J	23.0 J	10.9 J	50 or SB (b)	1.5 - 40
Copper	4.0	3.1	3.4	48.0 J	69.2 J	25 or SB	1 - 50
Lead	4.0 J	3.3 J	3.9 J	84.4 J	27.2 J	SB	200 - 500
Mercury	0.05 U	0.05 U	0.05 U	0.10	0.22	0.1	0.001 - 0.2
Nickel	3.0	3.3	2.1	4.7	5.4	13 or SB	0.5 - 25
Selenium	0.85 U	0.80 U	0.82 U	0.80 U	0.80 U	2 or SB	0.1 - 3.9
Silver	0.42 U	0.39 U	0.40 U	1.2 J	0.39 U / UJ	SB	N/A
Thallium	1.1 U / UJ	1.0 U / UJ	1.0 U / UJ	1.0 U	1.0 U	SB	N/A
Zinc	9.0 J	7.4 J	5.5 J	52.8 J	27.9 J	20 or SB	9 - 50
Volatile Organics (ug/kg)							
Acetone	10 U	10 U	10 U	NS	NS	200	---
Benzene	10 U	10 U	10 U	NS	NS	60	---
Bromodichloromethane	10 U	10 U	10 U	NS	NS	NL	---
Bromoform	10 U	10 U	10 U	NS	NS	NL	---
Bromomethane	10 U	10 U	10 U	NS	NS	NL	---
2-Butanone	10 U / UJ	10 U / UJ	10 U / UJ	NS	NS	300	---
Carbon disulfide	10 U	10 U	10 U	NS	NS	2700	---
Carbon tetrachloride	10 U	10 U	10 U	NS	NS	600	---
Chlorobenzene	10 U	10 U	10 U	NS	NS	1700	---
Chloroethane	10 U	10 U	10 U	NS	NS	1900	---
Chloroform	10 U	10 U	10 U	NS	NS	300	---
Chloromethane	10 U	10 U	10 U	NS	NS	NL	---
Dibromochloromethane	10 U	10 U	10 U	NS	NS	NL	---
1,1-Dichloroethane	10 U	10 U	10 U	NS	NS	200	---
1,2-Dichloroethane	10 U	10 U	10 U	NS	NS	100	---

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-01A-1	20-01A-2	20-01A-2 Dup	20-01A-C	20-01A-C Dup	NYSDEC	Eastern
AOC	01	01	01	01	01	Soil Cleanup	USA
Depth (Feet BGS)	0 - 2	2 - 4	2 - 4	Concrete	Concrete	Objective (a)	Background
Date Collected	03/25/97	03/25/97	03/25/97	03/25/97	03/25/97		
1,1-Dichloroethene	10 U	10 U	10 U	NS	NS	400	---
1,2-Dichloroethene (total)	10 U	10 U	10 U	NS	NS	300	---
1,2-Dichloropropane	10 U	10 U	10 U	NS	NS	NL	---
cis-1,3-Dichloropropene	10 U	10 U	10 U	NS	NS	NL	---
trans-1,3-Dichloropropene	10 U	10 U	10 U	NS	NS	NL	---
Ethylbenzene	10 U	10 U	10 U	NS	NS	5500	---
2-Hexanone	10 U / UJ	10 U / UJ	10 U / UJ	NS	NS	NL	---
4-Methyl-2-pentanone	10 U / UJ	10 U / UJ	10 U / UJ	NS	NS	1000	---
Methylene chloride	10 UJ	11 UJ	10 UJ	NS	NS	100	---
Styrene	10 U	10 U	10 U	NS	NS	NL	---
1,1,2,2-Tetrachloroethane	10 U	10 U	10 U	NS	NS	600	---
Tetrachloroethene	10 U	10 U	10 U	NS	NS	1400	---
Toluene	10 U	10 U	10 U	NS	NS	1500	---
1,1,1-Trichloroethane	10 U	10 U	10 U	NS	NS	800	---
1,1,2-Trichloroethane	10 U	10 U	10 U	NS	NS	NL	---
Trichloroethene	10 U / UJ	10 U / UJ	10 U / UJ	NS	NS	700	---
Vinyl Chloride	10 U	10 U	10 U	NS	NS	200	---
Xylenes	10 U	10 U	10 U	NS	NS	1200	---
Total VOCs	0	0	0			10000	----
Semivolatile Organics (ug/kg)							
Acenaphthene	350 U	340 U	340 U	330 U	330 U	50000	---
Acenaphthylene	350 U	340 U	340 U	330 U	330 U	41000	---
Anthracene	350 U	340 U	340 U	330 U	330 U	50000	---
Benz(a)anthracene	350 U	340 U	340 U	330 U	330 U	224 or MDL (330)	---
Benzo(a)pyrene	350 U	340 U	340 U	330 U	330 U	61 or MDL (330)	---
Benzo(b)fluoranthene	350 U	340 U	340 U	330 U	330 U	1100	---
Benzo(g,h,i)perylene	350 U	340 U	340 U	330 U	330 U	50000	---
Benzo(k)fluoranthene	350 U	340 U	340 U	330 U	330 U	1100	---
Bis(2-chloroethoxy) methane	350 U	340 U	340 U	330 U	330 U	NL	---
Bis(2-chloroethyl) ether	350 U	340 U	340 U	330 U	330 U	NL	---
Bis(2-ethylhexyl) phthalate	130 U	95 U	140 U	100 U	2000	50000	---

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID AOC Depth (Feet BGS) Date Collected	20-01A-1 01 0 - 2 03/25/97	20-01A-2 01 2 - 4 03/25/97	20-01A-2 Dup 01 2 - 4 03/25/97	20-01A-C 01 Concrete 03/25/97	20-01A-C Dup 01 Concrete 03/25/97	NYSDEC Soil Cleanup Objective (a)	Eastern USA Background
2,2'-Oxybis(1-chloropropane)	350 U / UJ	340 U / UJ	340 U / UJ	330 U / UJ	330 U / UJ	NL	---
4-Bromophenyl phenyl ether	350 U	340 U	340 U	330 U	330 U	NL	---
Butyl benzyl phthalate	350 U	340 U	340 U	330 U	5800 DNR	50000	---
Carbazole	350 U	340 U	340 U	330 U	330 U	NL	---
4-Chloro-3-methylphenol	350 U	340 U	340 U	330 U / UJ	330 U / UJ	240 or MDL (330)	---
4-Chloroaniline	350 U / UJ	340 U / UJ	340 U / UJ	330 U / UJ	330 U / UJ	220 or MDL (330)	---
2-Chloronaphthalene	350 U	340 U	340 U	330 U	330 U	NL	---
2-Chlorophenol	350 U / UJ	340 U / UJ	340 U / UJ	330 U / UJ	330 U / UJ	800	---
4-Chlorophenyl phenyl ether	350 U	340 U	340 U	330 U	330 U	NL	---
Chrysene	350 U	340 U	340 U	330 U	330 U	400	---
Di-n-butyl phthalate	350 U	340 U	340 U	330 U	5200 DNR	8100	---
Dibenz(a,h)anthracene	350 U	340 U	340 U	330 U	330 U	14 or MDL (330)	---
Dibenzofuran	350 U	340 U	340 U	330 U	330 U	6200	---
1,2-Dichlorobenzene	350 U	340 U	340 U	330 U	330 U	7900	---
1,3-Dichlorobenzene	350 U	340 U	340 U	330 U	330 U	1600	---
1,4-Dichlorobenzene	350 U	340 U	340 U	330 U	330 U	8500	---
3,3'-Dichlorobenzidine	350 U	340 U	340 U	330 U	330 U	NL	---
2,4-Dichlorophenol	350 U	340 U	340 U	330 U	330 U	400	---
Diethyl phthalate	350 U	340 U	340 U	330 U	330 U	7100	---
2,4-Dimethylphenol	350 U	340 U	340 U	330 U	330 U	NL	---
Dimethyl phthalate	350 U	340 U	340 U	330 U	330 U	2000	---
4,6-Dinitro-2-methylphenol	830 U	820 U	820 U	800 U	800 U	NL	---
2,4-Dinitrophenol	830 U / UJ	820 U / UJ	820 U / UJ	800 U / UJ	800 U / UJ	200 or MDL (800)	---
2,4-Dinitrotoluene	350 U	340 U	340 U	330 U	330 U	NL	---
2,6-Dinitrotoluene	350 U	340 U	340 U	330 U	330 U	1000	---
Di-n-octyl phthalate	350 U	340 U	340 U	330 U	140 J	50000	---
Fluoranthene	350 U	340 U	340 U	330 U	41 J	50000	---
Fluorene	350 U	340 U	340 U	330 U	330 U	50000	---
Hexachlorobenzene	350 U	340 U	340 U	330 U	330 U	410	---
Hexachlorobutadiene	350 U	340 U	340 U	330 U	330 U	NL	---
Hexachlorocyclopentadiene	350 U	340 U	340 U	330 U	330 U	NL	---
Hexachloroethane	350 U	340 U	340 U	330 U	330 U	NL	---
Indeno(1,2,3-cd)pyrene	350 U	340 U	340 U	330 U	330 U	3200	---

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Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-01A-1	20-01A-2	20-01A-2 Dup	20-01A-C	20-01A-C Dup	NYSDEC	Eastern
AOC	01	01	01	01	01	Soil Cleanup	USA
Depth (Feet BGS)	0 - 2	2 - 4	2 - 4	Concrete	Concrete	Objective (a)	Background
Date Collected	03/25/97	03/25/97	03/25/97	03/25/97	03/25/97		
Isophorone	350 U	340 U	340 U	380	330 U	4400	---
2-Methylnaphthalene	350 U	340 U	340 U	330 U	330 U	36400	---
2-Methylphenol	350 U	340 U	340 U	330 U	330 U	100 or MDL (330)	---
4-Methylphenol	350 U	340 U	340 U	330 U	330 U	900	---
N-Nitroso-di-n-propylamine	350 U	340 U	340 U	330 U	330 U	NL	---
N-Nitrosodiphenylamine	350 U	340 U	340 U	330 U	330 U	NL	---
Naphthalene	350 U	340 U	340 U	330 U	330 U	13000	---
2-Nitroaniline	830 U	820 U	820 U	800 U	800 U	430 or MDL (800)	---
3-Nitroaniline	830 U / UJ	820 U / UJ	820 U / UJ	800 U / UJ	800 U / UJ	500 or MDL (800)	---
4-Nitroaniline	830 U / UJ	820 U / UJ	820 U / UJ	800 U / UJ	800 U / UJ	NL	---
Nitrobenzene	350 U	340 U	340 U	330 U	330 U	200 or MDL (330)	---
2-Nitrophenol	350 U	340 U	340 U	330 U	330 U	330	---
4-Nitrophenol	830 U	820 U	820 U	800 U	800 U	100 or MDL (800)	---
Pentachlorophenol	830 U	820 U	820 U	800 U / UJ	800 U / UJ	1000	---
Phenanthrene	350 U	340 U	340 U	330 U	330 U	50000	---
Phenol	350 U / UJ	340 U / UJ	340 U / UJ	330 U / UJ	330 U / UJ	30 or MDL (330)	---
Pyrene	350 U	340 U	340 U	330 U	330 U	50000	---
1,2,4-Trichlorobenzene	350 U	340 U	340 U	330 U	330 U	3400	---
2,4,5-Trichlorophenol	830 U	820 U	820 U	800 U	800 U	100	---
2,4,6-Trichlorophenol	350 U	340 U	340 U	330 U	330 U	NL	---
Total SVOCs	0	0	0	380	13981	500000	--
PCBS (ug/kg)							
Aroclor-1016	83 U / UJ	82 U / UJ	81 U / UJ	NS	NS	NL	---
Aroclor-1221	83 U / UJ	82 U / UJ	81 U / UJ	NS	NS	NL	---
Aroclor-1232	83 U / UJ	82 U / UJ	81 U / UJ	NS	NS	NL	---
Aroclor-1242	83 U / UJ	82 U / UJ	81 U / UJ	NS	NS	NL	---
Aroclor-1248	83 U / UJ	82 U / UJ	81 U / UJ	NS	NS	NL	---
Aroclor-1254	83 U / UJ	82 U / UJ	81 U / UJ	NS	NS	NL	---
Aroclor-1260	83 U / UJ	82 U / UJ	81 U / UJ	NS	NS	NL	---
Total PCBs	0	0	0			10000	--

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID AOC Depth (Feet BGS) Date Collected	20-01A-1 01 0 - 2 03/25/97	20-01A-2 01 2 - 4 03/25/97	20-01A-2 Dup 01 2 - 4 03/25/97	20-01A-C 01 Concrete 03/25/97	20-01A-C Dup 01 Concrete 03/25/97	NYSDEC Soil Cleanup Objective (a)	Eastern USA Background
Total Petroleum Hydrocarbons (mg/kg)							
TPH (as Gasoline)	5.2 U	5.1 U	5.1 U	NS	NS	NL	---
Gasoline	5.2 U	5.1 U	5.1 U	NS	NS	NL	---
#2 Fuel Oil	10 U	10 U	10 U	NS	NS	NL	---
TPH (as #2 Fuel Oil)	10 U	10 U	10 U	NS	NS	NL	---
#6 Fuel Oil	10 U	10 U	10 U	NS	NS	NL	---
TPH (as #6 Fuel Oil)	10 U	10 U	10 U	NS	NS	NL	---
Jet Fuel	10 U	10 U	10 U	NS	NS	NL	---
TPH (as Jet Fuel)	10 U	10 U	10 U	NS	NS	NL	---
Lubricating Oil	10 U	10 U	10 U	NS	NS	NL	---
TPH (as Lubricating Oil)	10 U	10 U	10 U	NS	NS	NL	---
10W40 Oil	10 U	10 U	10 U	NS	NS	NL	---
TPH (as 10W40 Oil)	10 U	10 U	10 U	NS	NS	NL	---
Percent Moisture (%)	3.70	2.90	1.50	--	--	--	--

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-01B-1	20-01B-2	20-01C-1	20-01C-2	NYSDEC	Eastern
AOC	01	01	01	01	Soil Cleanup	USA
Depth (Feet BGS)	0 - 2	2 - 4	0 - 2	2 - 4	Objective (a)	Background
Date Collected	03/25/97	03/25/97	03/26/97	03/26/97		
Metals (mg/kg)						
Antimony	2.6	1.7	1.8 J	2.3 J	SB	N/A
Arsenic	2.2	0.81 U	6.9	3.9	7.5 or SB	3 - 12
Beryllium	0.10	0.02 U	0.25	0.42	0.16 or SB	0.1 - 1.75
Cadmium	0.11	0.12	0.23 J	0.12 J	10 or SB (b)	0.1 - 1.0
Chromium	5.7 J	2.5 J	11.2 J	19.2 J	50 or SB (b)	1.5 - 40
Copper	6.9	3.4	10.2 J	8.9 J	25 or SB	1 - 50
Lead	8.4 J	3.6 J	25.6 J	9.7 J	SB	200 - 500
Mercury	0.06	0.05 U	0.08	0.05 U	0.1	0.001 - 0.2
Nickel	4.0	1.9	6.3	11.2	13 or SB	0.5 - 25
Selenium	0.87 U	0.81 U	0.90 U	0.94 U	2 or SB	0.1 - 3.9
Silver	0.43 U	0.40 U	0.44 U / UJ	0.46 U / UJ	SB	N/A
Thallium	1.1 U / UJ	1.0 U / UJ	1.1 U	1.2 U	SB	N/A
Zinc	11.1 J	6.7 J	29.2 J	42.2 J	20 or SB	9 - 50
Volatile Organics (ug/kg)						
Acetone	11 U	11 U	11 U	12 U	200	---
Benzene	11 U	11 U	11 U	12 U	60	---
Bromodichloromethane	11 U	11 U	11 U	12 U	NL	---
Bromoform	11 U	11 U	11 U	12 U	NL	---
Bromomethane	11 U	11 U	11 U	12 U	NL	---
2-Butanone	11 U / UJ	11 U / UJ	11 U	12 U	300	---
Carbon disulfide	11 U	11 U	11 U	12 U	2700	---
Carbon tetrachloride	11 U	11 U	11 U	12 U	600	---
Chlorobenzene	11 U	11 U	11 U	12 U	1700	---
Chloroethane	11 U	11 U	11 U	12 U	1900	---
Chloroform	11 U	11 U	11 U	12 U	300	---
Chloromethane	11 U	11 U	11 U	12 U	NL	---
Dibromochloromethane	11 U	11 U	11 U	12 U	NL	---
1,1-Dichloroethane	11 U	11 U	11 U	12 U	200	---
1,2-Dichloroethane	11 U	11 U	11 U	12 U	100	---

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Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-01B-1	20-01B-2	20-01C-1	20-01C-2	NYSDEC	Eastern
AOC	01	01	01	01	Soil Cleanup	USA
Depth (Feet BGS)	0 - 2	2 - 4	0 - 2	2 - 4	Objective (a)	Background
Date Collected	03/25/97	03/25/97	03/26/97	03/26/97		
1,1-Dichloroethene	11 U	11 U	11 U	12 U	400	---
1,2-Dichloroethene (total)	11 U	11 U	11 U	12 U	300	---
1,2-Dichloropropane	11 U	11 U	11 U	12 U	NL	---
cis-1,3-Dichloropropene	11 U	11 U	11 U	12 U	NL	---
trans-1,3-Dichloropropene	11 U	11 U	11 U	12 U	NL	---
Ethylbenzene	11 U	11 U	11 U	12 U	5500	---
2-Hexanone	11 U / UJ	11 U / UJ	11 U / UJ	12 U / UJ	NL	---
4-Methyl-2-pentanone	11 U / UJ	11 U / UJ	11 U / UJ	12 U / UJ	1000	---
Methylene chloride	10 UJ	9 UJ	2 UJ	2 UJ	100	---
Styrene	11 U	11 U	11 U	12 U	NL	---
1,1,2,2-Tetrachloroethane	11 U	11 U	11 U	12 U	600	---
Tetrachloroethene	11 U	11 U	11 U	12 U	1400	---
Toluene	11 U	11 U	11 U	12 U	1500	---
1,1,1-Trichloroethane	11 U	11 U	11 U	12 U	800	---
1,1,2-Trichloroethane	11 U	11 U	11 U	12 U	NL	---
Trichloroethene	11 U / UJ	11 U / UJ	11 U	12 U	700	---
Vinyl Chloride	11 U	11 U	11 U	12 U	200	---
Xylenes	11 U	11 U	11 U	12 U	1200	---
Total VOCs	0	0	0	0	10000	----
Semivolatile Organics (ug/kg)						
Acenaphthene	350 U	340 U	370 U	410 U	50000	---
Acenaphthylene	350 U	340 U	370 U	410 U	41000	---
Anthracene	350 U	340 U	370 U	410 U	50000	---
Benz(a)anthracene	350 U	340 U	370 U	410 U	224 or MDL (330)	---
Benzo(a)pyrene	350 U	340 U	370 U	410 U	61 or MDL (330)	---
Benzo(b)fluoranthene	350 U	340 U	370 U	410 U	1100	---
Benzo(g,h,i)perylene	350 U	340 U	370 U	410 U	50000	---
Benzo(k)fluoranthene	350 U	340 U	370 U	410 U	1100	---
Bis(2-chloroethoxy) methane	350 U	340 U	370 U	410 U	NL	---
Bis(2-chloroethyl) ether	350 U	340 U	370 U	410 U	NL	---
Bis(2-ethylhexyl) phthalate	100 U	81 U	37 J	51 J	50000	---

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID AOC Depth (Feet BGS) Date Collected	20-01B-1 01 0 - 2 03/25/97	20-01B-2 01 2 - 4 03/25/97	20-01C-1 01 0 - 2 03/26/97	20-01C-2 01 2 - 4 03/26/97	NYSDEC Soil Cleanup Objective (a)	Eastern USA Background
2,2'-Oxybis(1-chloropropane)	350 U / UJ	340 U / UJ	370 U	410 U	NL	---
4-Bromophenyl phenyl ether	350 U	340 U	370 U	410 U	NL	---
Butyl benzyl phthalate	350 U	340 U	370 U	410 U	50000	---
Carbazole	350 U	340 U	370 U	410 U	NL	---
4-Chloro-3-methylphenol	350 U	340 U	370 U	410 U	240 or MDL (330)	---
4-Chloroaniline	350 U / UJ	340 U / UJ	370 U	410 U / R	220 or MDL (330)	---
2-Chloronaphthalene	350 U	340 U	370 U	410 U	NL	---
2-Chlorophenol	350 U / UJ	340 U / UJ	370 U	410 U	800	---
4-Chlorophenyl phenyl ether	350 U	340 U	370 U	410 U	NL	---
Chrysene	350 U	340 U	370 U	410 U	400	---
Di-n-butyl phthalate	350 U	340 U	370 U	410 U	8100	---
Dibenz(a,h)anthracene	350 U	340 U	370 U	410 U	14 or MDL (330)	---
Dibenzofuran	350 U	340 U	370 U	410 U	6200	---
1,2-Dichlorobenzene	350 U	340 U	370 U	410 U	7900	---
1,3-Dichlorobenzene	350 U	340 U	370 U	410 U	1600	---
1,4-Dichlorobenzene	350 U	340 U	370 U	410 U	8500	---
3,3'-Dichlorobenzidine	350 U	340 U	370 U	410 U	NL	---
2,4-Dichlorophenol	350 U	340 U	370 U	410 U	400	---
Diethyl phthalate	350 U	340 U	370 U	410 U	7100	---
2,4-Dimethylphenol	350 U	340 U	370 U	410 U	NL	---
Dimethyl phthalate	350 U	340 U	370 U	410 U	2000	---
4,6-Dinitro-2-methylphenol	850 U	810 U	880 U	980 U	NL	---
2,4-Dinitrophenol	850 U / UJ	810 U / UJ	880 U	980 U	200 or MDL (800)	---
2,4-Dinitrotoluene	350 U	340 U	370 U	410 U	NL	---
2,6-Dinitrotoluene	350 U	340 U	370 U	410 U	1000	---
Di-n-octyl phthalate	350 U	340 U	370 U	410 U	50000	---
Fluoranthene	36 J	340 U	370 U	410 U	50000	---
Fluorene	350 U	340 U	370 U	410 U	50000	---
Hexachlorobenzene	350 U	340 U	370 U	410 U	410	---
Hexachlorobutadiene	350 U	340 U	370 U	410 U	NL	---
Hexachlorocyclopentadiene	350 U	340 U	370 U	410 U	NL	---
Hexachloroethane	350 U	340 U	370 U	410 U	NL	---
Indeno(1,2,3-cd)pyrene	350 U	340 U	370 U	410 U	3200	---

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Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-01B-1	20-01B-2	20-01C-1	20-01C-2	NYSDEC	Eastern
AOC	01	01	01	01	Soil Cleanup	USA
Depth (Feet BGS)	0 - 2	2 - 4	0 - 2	2 - 4	Objective (a)	Background
Date Collected	03/25/97	03/25/97	03/26/97	03/26/97		
Isophorone	350 U	340 U	370 U	410 U	4400	---
2-Methylnaphthalene	350 U	340 U	370 U	410 U	36400	---
2-Methylphenol	350 U	340 U	370 U	410 U	100 or MDL (330)	---
4-Methylphenol	350 U	340 U	370 U	410 U	900	---
N-Nitroso-di-n-propylamine	350 U	340 U	370 U	410 U	NL	---
N-Nitrosodiphenylamine	350 U	340 U	370 U	410 U	NL	---
Naphthalene	350 U	340 U	370 U	410 U	13000	---
2-Nitroaniline	850 U	810 U	880 U	980 U	430 or MDL (800)	---
3-Nitroaniline	850 U / UJ	810 U / UJ	880 U	980 U / UJ	500 or MDL (800)	---
4-Nitroaniline	850 U / UJ	810 U / UJ	880 U	980 U / UJ	NL	---
Nitrobenzene	350 U	340 U	370 U	410 U	200 or MDL (330)	---
2-Nitrophenol	350 U	340 U	370 U	410 U	330	---
4-Nitrophenol	850 U	810 U	880 U	980 U	100 or MDL (800)	---
Pentachlorophenol	850 U	810 U	880 U	980 U	1000	---
Phenanthrene	350 U	340 U	370 U	410 U	50000	---
Phenol	350 U / UJ	340 U / UJ	370 U	410 U	30 or MDL (330)	---
Pyrene	350 U	340 U	370 U	410 U	50000	---
1,2,4-Trichlorobenzene	350 U	340 U	370 U	410 U	3400	---
2,4,5-Trichlorophenol	850 U	810 U	880 U	980 U	100	---
2,4,6-Trichlorophenol	350 U	340 U	370 U	410 U	NL	---
Total SVOCs	36	0	37	41	500000	--
PCBS (ug/kg)						
Aroclor-1016	NS	NS	NS	NS	NL	---
Aroclor-1221	NS	NS	NS	NS	NL	---
Aroclor-1232	NS	NS	NS	NS	NL	---
Aroclor-1242	NS	NS	NS	NS	NL	---
Aroclor-1248	NS	NS	NS	NS	NL	---
Aroclor-1254	NS	NS	NS	NS	NL	---
Aroclor-1260	NS	NS	NS	NS	NL	---
Total PCBs					10000	--

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID AOC Depth (Feet BGS) Date Collected	20-01B-1 01 0 - 2 03/25/97	20-01B-2 01 2 - 4 03/25/97	20-01C-1 01 0 - 2 03/26/97	20-01C-2 01 2 - 4 03/26/97	NYSDEC Soil Cleanup Objective (a)	Eastern USA Background
Total Petroleum Hydrocarbons (mg/kg)						
TPH (as Gasoline)	NS	NS	NS	NS	NL	---
Gasoline	NS	NS	NS	NS	NL	---
#2 Fuel Oil	NS	NS	NS	NS	NL	---
TPH (as #2 Fuel Oil)	NS	NS	NS	NS	NL	---
#6 Fuel Oil	NS	NS	NS	NS	NL	---
TPH (as #6 Fuel Oil)	NS	NS	NS	NS	NL	---
Jet Fuel	NS	NS	NS	NS	NL	---
TPH (as Jet Fuel)	NS	NS	NS	NS	NL	---
Lubricating Oil	NS	NS	NS	NS	NL	---
TPH (as Lubricating Oil)	NS	NS	NS	NS	NL	---
10W40 Oil	NS	NS	NS	NS	NL	---
TPH (as 10W40 Oil)	NS	NS	NS	NS	NL	---
Percent Moisture (%)	5.90	1.30	9.30	17.8	--	--

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-02-1	20-02-2	NYSDEC	Eastern
AOC	02	02	Soil Cleanup	USA
Depth (Feet BGS)	0 - 2	2 - 4	Objective (a)	Background
Date Collected	03/25/97	03/25/97		
Metals (mg/kg)				
Antimony	1.1	1.0 U	SB	N/A
Arsenic	2.3	2.0	7.5 or SB	3 - 12
Beryllium	0.16	0.12	0.16 or SB	0.1 - 1.75
Cadmium	0.16	0.10	10 or SB (b)	0.1 - 1.0
Chromium	6.8 J	8.0 J	50 or SB (b)	1.5 - 40
Copper	5.8	5.0	25 or SB	1 - 50
Lead	6.9 J	5.4 J	SB	200 - 500
Mercury	0.05 U	0.05	0.1	0.001 - 0.2
Nickel	4.5	6.1	13 or SB	0.5 - 25
Selenium	0.85 U	0.87 U	2 or SB	0.1 - 3.9
Silver	0.54	0.42 U	SB	N/A
Thallium	1.1 U / UJ	1.1 U / UJ	SB	N/A
Zinc	18.8 J	17.5 J	20 or SB	9 - 50
Volatile Organics (ug/kg)				
Acetone	3 J	6 J	200	---
Benzene	11 U	11 U	60	---
Bromodichloromethane	11 U	11 U	NL	---
Bromoform	11 U	11 U	NL	---
Bromomethane	11 U	11 U	NL	---
2-Butanone	11 U / UJ	2 J / J	300	---
Carbon disulfide	11 U	11 U	2700	---
Carbon tetrachloride	11 U	11 U	600	---
Chlorobenzene	11 U	11 U	1700	---
Chloroethane	11 U	11 U	1900	---
Chloroform	11 U	11 U	300	---
Chloromethane	11 U / UJ	11 U / UJ	NL	---
Dibromochloromethane	11 U	11 U	NL	---
1,1-Dichloroethane	11 U	11 U	200	---
1,2-Dichloroethane	11 U	11 U	100	---

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-02-1	20-02-2	NYSDEC	Eastern
AOC	02	02	Soil Cleanup	USA
Depth (Feet BGS)	0 - 2	2 - 4	Objective (a)	Background
Date Collected	03/25/97	03/25/97		
1,1-Dichloroethene	11 U	11 U	400	---
1,2-Dichloroethene (total)	11 U	11 U	300	---
1,2-Dichloropropane	11 U	11 U	NL	---
cis-1,3-Dichloropropene	11 U	11 U	NL	---
trans-1,3-Dichloropropene	11 U	11 U	NL	---
Ethylbenzene	11 U	11 U	5500	---
2-Hexanone	11 U / UJ	11 U / UJ	NL	---
4-Methyl-2-pentanone	11 U	11 U	1000	---
Methylene chloride	10 J	11	100	---
Styrene	11 U	11 U	NL	---
1,1,2,2-Tetrachloroethane	11 U	11 U	600	---
Tetrachloroethene	11 U	11 U	1400	---
Toluene	11 U	11 U	1500	---
1,1,1-Trichloroethane	11 U	11 U	800	---
1,1,2-Trichloroethane	11 U	11 U	NL	---
Trichloroethene	11 U	11 U	700	---
Vinyl Chloride	11 U	11 U	200	---
Xylenes	11 U	11 U	1200	---
Total VOCs	13	19	10000	----
PCBS (ug/kg)				
Aroclor-1016	85 U	86 U	NL	---
Aroclor-1221	85 U	86 U	NL	---
Aroclor-1232	85 U	86 U	NL	---
Aroclor-1242	85 U	86 U	NL	---
Aroclor-1248	85 U	86 U	NL	---
Aroclor-1254	85 U	86 U	NL	---
Aroclor-1260	85 U	86 U	NL	---
Total PCBs	0	0	10000	--

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-02-1	20-02-2	NYSDEC	Eastern
AOC	02	02	Soil Cleanup	USA
Depth (Feet BGS)	0 - 2	2 - 4	Objective (a)	Background
Date Collected	03/25/97	03/25/97		
Total Petroleum Hydrocarbons (mg/kg)				
TPH (as Gasoline)	5.3 U	5.4 U	NL	---
Gasoline	5.3 U	5.4 U	NL	---
#2 Fuel Oil	11 U	11 U	NL	---
TPH (as #2 Fuel Oil)	11 U	11 U	NL	---
#6 Fuel Oil	11 U	11 U	NL	---
TPH (as #6 Fuel Oil)	11 U	11 U	NL	---
Jet Fuel	11 U	11 U	NL	---
TPH (as Jet Fuel)	11 U	11 U	NL	---
Lubricating Oil	11 U	11 U	NL	---
TPH (as Lubricating Oil)	11 U	11 U	NL	---
10W40 Oil	11 U	11 U	NL	---
TPH (as 10W40 Oil)	11 U	11 U	NL	---
Percent Moisture (%)	5.70	6.70	--	--

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-03-1	20-03-2	NYSDEC	Eastern
AOC	03	03	Soil Cleanup	USA
Depth (Feet BGS)	0 - 2	2 - 4	Objective (a)	Background
Date Collected	03/25/97	03/25/97		
Metals (mg/kg)				
Antimony	1.0 U	1.3	SB	N/A
Arsenic	1.6	2.6	7.5 or SB	3 - 12
Beryllium	0.10	0.09	0.16 or SB	0.1 - 1.75
Cadmium	0.10	0.17	10 or SB (b)	0.1 - 1.0
Chromium	4.7 J	7.6 J	50 or SB (b)	1.5 - 40
Copper	8.1	6.2	25 or SB	1 - 50
Lead	20.8 J	27.6 J	SB	200 - 500
Mercury	0.07	0.11	0.1	0.001 - 0.2
Nickel	3.2	5.5	13 or SB	0.5 - 25
Selenium	0.84 U	1.3	2 or SB	0.1 - 3.9
Silver	0.41 U	0.49	SB	N/A
Thallium	1.1 U / UJ	1.1 U / UJ	SB	N/A
Zinc	16.5 J	31.4 J	20 or SB	9 - 50
Volatile Organics (ug/kg)				
Acetone	10 U	11 U	200	---
Benzene	10 U	11 U	60	---
Bromodichloromethane	10 U	11 U	NL	---
Bromoform	10 U	11 U	NL	---
Bromomethane	10 U	11 U	NL	---
2-Butanone	10 U / UJ	11 U / UJ	300	---
Carbon disulfide	10 U	11 U	2700	---
Carbon tetrachloride	10 U	11 U	600	---
Chlorobenzene	10 U	11 U	1700	---
Chloroethane	10 U	11 U	1900	---
Chloroform	10 U	11 U	300	---
Chloromethane	10 U	11 U	NL	---
Dibromochloromethane	10 U	11 U	NL	---
1,1-Dichloroethane	10 U	11 U	200	---

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-03-1	20-03-2	NYSDEC	Eastern
AOC	03	03	Soil Cleanup	USA
Depth (Feet BGS)	0 - 2	2 - 4	Objective (a)	Background
Date Collected	03/25/97	03/25/97		
1,2-Dichloroethane	10 U	11 U	100	---
1,1-Dichloroethene	10 U	11 U	400	---
1,2-Dichloroethene (total)	10 U	11 U	300	---
1,2-Dichloropropane	10 U	11 U	NL	---
cis-1,3-Dichloropropene	10 U	11 U	NL	---
trans-1,3-Dichloropropene	10 U	11 U	NL	---
Ethylbenzene	10 U	11 U	5500	---
2-Hexanone	10 U / UJ	11 U / UJ	NL	---
4-Methyl-2-pentanone	10 U / UJ	11 U / UJ	1000	---
Methylene chloride	12 UJ	12 UJ	100	---
Styrene	10 U	11 U	NL	---
1,1,2,2-Tetrachloroethane	10 U	11 U	600	---
Tetrachloroethene	10 U	11 U	1400	---
Toluene	10 U	11 U	1500	---
1,1,1-Trichloroethane	10 U	11 U	800	---
1,1,2-Trichloroethane	10 U	11 U	NL	---
Trichloroethene	10 U / UJ	11 U / UJ	700	---
Vinyl Chloride	10 U	11 U	200	---
Xylenes	10 U	11 U	1200	---
Total VOCs	0	0	10000	----
PCBS (ug/kg)				
Aroclor-1016	84 U	86 U	NL	---
Aroclor-1221	84 U	86 U	NL	---
Aroclor-1232	84 U	86 U	NL	---
Aroclor-1242	84 U	86 U	NL	---
Aroclor-1248	84 U	86 U	NL	---
Aroclor-1254	84 U	86 U	NL	---
Aroclor-1260	84 U	86 U	NL	---
Total PCBs	0	0	10000	--

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID AOC Depth (Feet BGS) Date Collected	20-03-1 03 0 - 2 03/25/97	20-03-2 03 2 - 4 03/25/97	NYSDEC Soil Cleanup Objective (a)	Eastern USA Background
Total Petroleum Hydrocarbons (mg/kg)				
TPH (as Gasoline)	5.2 U	5.4 U	NL	---
Gasoline	5.2 U	5.4 U	NL	---
#2 Fuel Oil	10 U	11 U	NL	---
TPH (as #2 Fuel Oil)	10 U / UJ	11 U	NL	---
#6 Fuel Oil	10 U	11 U	NL	---
TPH (as #6 Fuel Oil)	10 U / UJ	11 U	NL	---
Jet Fuel	10 U	11 U	NL	---
TPH (as Jet Fuel)	10 U / UJ	11 U	NL	---
Lubricating Oil	10 U	11 U	NL	---
TPH (as Lubricating Oil)	10 U / UJ	11 U	NL	---
10W40 Oil	10 U	11 U	NL	---
TPH (as 10W40 Oil)	10 U / UJ	11 U	NL	---
Percent Moisture (%)	4.70	7.20	--	--

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID AOC Depth (Feet BGS) Date Collected	20-04-1 04 0 - 2 03/25/97	20-04-2 04 2 - 4 03/25/97	NYSDEC Soil Cleanup Objective (a)	Eastern USA Background
Metals (mg/kg)				
Antimony	1.6	1.0 U	SB	N/A
Arsenic	1.0	1.3	7.5 or SB	3 - 12
Beryllium	0.10	0.11	0.16 or SB	0.1 - 1.75
Cadmium	0.18	0.15	10 or SB (b)	0.1 - 1.0
Chromium	4.1 J	7.9 J	50 or SB (b)	1.5 - 40
Copper	3.9	5.1	25 or SB	1 - 50
Lead	6.8 J	8.6 J	SB	200 - 500
Mercury	0.06	0.05 U	0.1	0.001 - 0.2
Nickel	2.8	5.7	13 or SB	0.5 - 25
Selenium	0.78 U	0.85 U	2 or SB	0.1 - 3.9
Silver	0.45	0.54	SB	N/A
Thallium	0.99 U / UJ	1.1 U / UJ	SB	N/A
Zinc	8.9 J	20.1 J	20 or SB	9 - 50
Volatile Organics (ug/kg)				
Acetone	10 U	11 U	200	---
Benzene	10 U	11 U	60	---
Bromodichloromethane	10 U	11 U	NL	---
Bromoform	10 U	11 U	NL	---
Bromomethane	10 U	11 U	NL	---
2-Butanone	10 U / UJ	11 U	300	---
Carbon disulfide	10 U	11 U	2700	---
Carbon tetrachloride	10 U	11 U	600	---
Chlorobenzene	10 U	11 U	1700	---
Chloroethane	10 U	11 U	1900	---
Chloroform	10 U	11 U	300	---
Chloromethane	10 U / UJ	11 U	NL	---
Dibromochloromethane	10 U	11 U	NL	---
1,1-Dichloroethane	10 U	11 U	200	---

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-04-1	20-04-2	NYSDEC	Eastern
AOC	04	04	Soil Cleanup	USA
Depth (Feet BGS)	0 - 2	2 - 4	Objective (a)	Background
Date Collected	03/25/97	03/25/97		
1,2-Dichloroethane	10 U	11 U	100	---
1,1-Dichloroethene	10 U	11 U	400	---
1,2-Dichloroethene (total)	10 U	11 U	300	---
1,2-Dichloropropane	10 U	11 U	NL	---
cis-1,3-Dichloropropene	10 U	11 U	NL	---
trans-1,3-Dichloropropene	10 U	11 U	NL	---
Ethylbenzene	10 U	11 U	5500	---
2-Hexanone	10 U / UJ	11 U	NL	---
4-Methyl-2-pentanone	10 U	11 U / UJ	1000	---
Methylene chloride	11	13 U	100	---
Styrene	10 U	11 U	NL	---
1,1,2,2-Tetrachloroethane	10 U	11 U	600	---
Tetrachloroethene	10 U	11 U	1400	---
Toluene	10 U	11 U	1500	---
1,1,1-Trichloroethane	10 U	11 U	800	---
1,1,2-Trichloroethane	10 U	11 U	NL	---
Trichloroethene	10 U	11 U	700	---
Vinyl Chloride	10 U	11 U	200	---
Xylenes	10 U	11 U	1200	---
Total VOCs	11	0	10000	----
PCBS (ug/kg)				
Aroclor-1016	83 U	89 U	NL	---
Aroclor-1221	83 U	89 U	NL	---
Aroclor-1232	83 U	89 U	NL	---
Aroclor-1242	83 U	89 U	NL	---
Aroclor-1248	83 U	89 U	NL	---
Aroclor-1254	83 U	89 U	NL	---
Aroclor-1260	83 U	89 U	NL	---
Total PCBs	0	0	10000	--

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-04-1	20-04-2	NYSDEC	Eastern
AOC	04	04	Soil Cleanup	USA
Depth (Feet BGS)	0 - 2	2 - 4	Objective (a)	Background
Date Collected	03/25/97	03/25/97		
Total Petroleum Hydrocarbons (mg/kg)				
TPH (as Gasoline)	6.4	11.9 R	NL	---
Gasoline	5.2 U	5.6 U	NL	---
#2 Fuel Oil	10 U	11 U	NL	---
TPH (as #2 Fuel Oil)	10 U	11 U	NL	---
#6 Fuel Oil	10 U	11 U	NL	---
TPH (as #6 Fuel Oil)	10 U	11 U	NL	---
Jet Fuel	10 U	11 U	NL	---
TPH (as Jet Fuel)	10 U	11 U	NL	---
Lubricating Oil	10 U	11 U	NL	---
TPH (as Lubricating Oil)	10 U	11 U	NL	---
10W40 Oil	10 U	11 U	NL	---
TPH (as 10W40 Oil)	10 U	11 U	NL	---
Percent Moisture (%)	3.20	10.3	--	--

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Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID AOC Depth (Feet BGS) Date Collected	20-05-1 05 6 - 8 03/25/97	20-05-2 05 8 - 10 03/25/97	NYSDEC Soil Cleanup Objective (a)	Eastern USA Background
PCBS (ug/kg)				
Aroclor-1016	80 U	80 U	NL	---
Aroclor-1221	80 U	80 U	NL	---
Aroclor-1232	80 U	80 U	NL	---
Aroclor-1242	80 U	80 U	NL	---
Aroclor-1248	80 U	80 U	NL	---
Aroclor-1254	80 U	80 U	NL	---
Aroclor-1260	80 U	80 U	NL	---
Total PCBs	0	0	10000	--
Total Petroleum Hydrocarbons (mg/kg)				
TPH (as Gasoline)	5.0 U	16.7 R	NL	---
Gasoline	5.0 U	5.0 U	NL	---
#2 Fuel Oil	10 U	10 U	NL	---
TPH (as #2 Fuel Oil)	10 U	10 U	NL	---
#6 Fuel Oil	10 U	10 U	NL	---
TPH (as #6 Fuel Oil)	10 U	10 U	NL	---
Jet Fuel	10 U	10 U	NL	---
TPH (as Jet Fuel)	10 U	10 U	NL	---
Lubricating Oil	10 U	10 U	NL	---
TPH (as Lubricating Oil)	10 U	10 U	NL	---
10W40 Oil	10 U	10 U	NL	---
TPH (as 10W40 Oil)	10 U	10 U	NL	---
Percent Moisture (%)	0.50	0.50	--	--

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID AOC Depth (Feet BGS) Date Collected	20-6A1-4 06 16 - 18 03/26/97	20-6A1-5 06 18 - 20 03/26/97	20-6A2-1 06 8 - 10 03/26/97	20-6A2-5 06 18 - 20 03/26/97	NYSDEC Soil Cleanup Objective (a)	Eastern USA Background
Volatile Organics (ug/kg)						
Acetone	11 U	11 U	11 U	10 U	200	---
Benzene	11 U	11 U	11 U	10 U	60	---
Bromodichloromethane	11 U	11 U	11 U	10 U	NL	---
Bromoform	11 U	11 U	11 U	10 U	NL	---
Bromomethane	11 U	11 U	11 U	10 U	NL	---
2-Butanone	11 U	11 U	11 U	10 U	300	---
Carbon disulfide	11 U	11 U	11 U	10 U	2700	---
Carbon tetrachloride	11 U	11 U	11 U	10 U	600	---
Chlorobenzene	11 U	11 U	11 U	10 U	1700	---
Chloroethane	11 U	11 U	11 U	10 U	1900	---
Chloroform	11 U	11 U	11 U	10 U	300	---
Chloromethane	11 U	11 U	11 U	10 U	NL	---
Dibromochloromethane	11 U	11 U	11 U	10 U	NL	---
1,1-Dichloroethane	11 U	11 U	11 U	10 U	200	---
1,2-Dichloroethane	11 U	11 U	11 U	10 U	100	---
1,1-Dichloroethene	11 U	11 U	11 U	10 U	400	---
1,2-Dichloroethene (total)	11 U	11 U	11 U	10 U	300	---
1,2-Dichloropropane	11 U	11 U	11 U	10 U	NL	---
cis-1,3-Dichloropropene	11 U	11 U	11 U	10 U	NL	---
trans-1,3-Dichloropropene	11 U	11 U	11 U	10 U	NL	---
Ethylbenzene	11 U	11 U	11 U	10 U	5500	---
2-Hexanone	11 U	11 U	11 U	10 U	NL	---
4-Methyl-2-pentanone	11 U	11 U	11 U	10 U	1000	---
Methylene chloride	2 U	9 U	6 U	2 U	100	---
Styrene	11 U	11 U	11 U	10 U	NL	---
1,1,2,2-Tetrachloroethane	11 U	11 U	11 U	10 U	600	---
Tetrachloroethene	11 U	11 U	11 U	10 U	1400	---
Toluene	11 U	11 U	11 U	10 U	1500	---

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Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-6A1-4	20-6A1-5	20-6A2-1	20-6A2-5	NYSDEC	Eastern
AOC	06	06	06	06	Soil Cleanup	USA
Depth (Feet BGS)	16 - 18	18 - 20	8 - 10	18 - 20	Objective (a)	Background
Date Collected	03/26/97	03/26/97	03/26/97	03/26/97		
1,1,1-Trichloroethane	11 U	11 U	11 U	10 U	800	---
1,1,2-Trichloroethane	11 U	11 U	11 U	10 U	NL	---
Trichloroethene	11 U	11 U	11 U	10 U	700	---
Vinyl Chloride	11 U	11 U	11 U	10 U	200	---
Xylenes	11 U	11 U	11 U	10 U	1200	---
Total VOCs	0	0	0	0	10000	----
PCBS (ug/kg)						
Aroclor-1016	86 U	87 U	86 U	84 U	NL	---
Aroclor-1221	86 U	87 U	86 U	84 U	NL	---
Aroclor-1232	86 U	87 U	86 U	84 U	NL	---
Aroclor-1242	86 U	87 U	86 U	84 U	NL	---
Aroclor-1248	86 U	87 U	86 U	84 U	NL	---
Aroclor-1254	86 U	87 U	86 U	84 U	NL	---
Aroclor-1260	86 U	87 U	86 U	84 U	NL	---
Total PCBs	0	0	0	0	10000	--
Total Petroleum Hydrocarbons (mg/kg)						
TPH (as Gasoline)	11.9 J	5.4 U	5.4 U	5.3 U	NL	---
Gasoline	5.4 U	5.4 U	5.4 U	5.3 U	NL	---
#2 Fuel Oil	11 U	11 U	11 U	11 U	NL	---
TPH (as #2 Fuel Oil)	11 U	200	11 U	11 U	NL	---
#6 Fuel Oil	11 U	11 U	11 U	11 U	NL	---
TPH (as #6 Fuel Oil)	11 U	11 U	11 U	11 U	NL	---
Jet Fuel	11 U	11 U	11 U	11 U	NL	---
TPH (as Jet Fuel)	11 U	11 U	11 U	11 U	NL	---
Lubricating Oil	11 U	11 U	11 U	11 U	NL	---
TPH (as Lubricating Oil)	11 U	11 U	11 U	11 U	NL	---
10W40 Oil	11 U	11 U	11 U	11 U	NL	---
TPH (as 10W40 Oil)	11 U	11 U	11 U	11 U	NL	---
Percent Moisture (%)	7.00	8.20	7.10	5.20	--	--

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-6B1-2	20-6B1-3	20-6C1-1	20-6C1-3	20-6C1-3 Dup	NYSDEC	Eastern
AOC	06	06	06	06	06	Soil Cleanup	USA
Depth (Feet BGS)	12 - 14	14 - 16	10 - 12	14 - 16	14 - 16	Objective (a)	Background
Date Collected	03/26/97	03/26/97	03/26/97	03/26/97	03/26/97		
Volatile Organics (ug/kg)							
Acetone	10 U	10 U	10 U	10 U	10 U	200	---
Benzene	10 U	10 U	10 U	10 U	10 U	60	---
Bromodichloromethane	10 U	10 U	10 U	10 U	10 U	NL	---
Bromoform	10 U	10 U	10 U	10 U	10 U	NL	---
Bromomethane	10 U	10 U	10 U	10 U	10 U	NL	---
2-Butanone	10 U	10 U	10 U	10 U	10 U	300	---
Carbon disulfide	10 U	10 U	10 U	10 U	10 U	2700	---
Carbon tetrachloride	10 U	10 U	10 U	10 U	10 U	600	---
Chlorobenzene	10 U	10 U	10 U	10 U	10 U	1700	---
Chloroethane	10 U	10 U	10 U	10 U	10 U	1900	---
Chloroform	10 U	10 U	10 U	10 U	10 U	300	---
Chloromethane	10 U	10 U	10 U	10 U	10 U	NL	---
Dibromochloromethane	10 U	10 U	10 U	10 U	10 U	NL	---
1,1-Dichloroethane	10 U	10 U	10 U	10 U	10 U	200	---
1,2-Dichloroethane	10 U	10 U	10 U	10 U	10 U	100	---
1,1-Dichloroethene	10 U	10 U	10 U	10 U	10 U	400	---
1,2-Dichloroethene (total)	10 U	10 U	10 U	10 U	10 U	300	---
1,2-Dichloropropane	10 U	10 U	10 U	10 U	10 U	NL	---
cis-1,3-Dichloropropene	10 U	10 U	10 U	10 U	10 U	NL	---
trans-1,3-Dichloropropene	10 U	10 U	10 U	10 U	10 U	NL	---
Ethylbenzene	10 U	10 U	10 U	10 U	10 U	5500	---
2-Hexanone	10 U	10 U	10 U	10 U	10 U	NL	---
4-Methyl-2-pentanone	10 U	10 U	10 U	10 U	10 U	1000	---
Methylene chloride	2 U	2 U	3 U	3 U	2 U	100	---
Styrene	10 U	10 U	10 U	10 U	10 U	NL	---
1,1,2,2-Tetrachloroethane	10 U	10 U	10 U	10 U	10 U	600	---
Tetrachloroethene	10 U	10 U	10 U	10 U	10 U	1400	---
Toluene	10 U	10 U	10 U	10 U	10 U	1500	---

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-6B1-2	20-6B1-3	20-6C1-1	20-6C1-3	20-6C1-3 Dup	NYSDEC	Eastern
AOC	06	06	06	06	06	Soil Cleanup	USA
Depth (Feet BGS)	12 - 14	14 - 16	10 - 12	14 - 16	14 - 16	Objective (a)	Background
Date Collected	03/26/97	03/26/97	03/26/97	03/26/97	03/26/97		
1,1,1-Trichloroethane	10 U	10 U	10 U	10 U	10 U	800	---
1,1,2-Trichloroethane	10 U	10 U	10 U	10 U	10 U	NL	---
Trichloroethene	10 U	10 U	10 U	10 U	10 U	700	---
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U	200	---
Xylenes	10 U	10 U	10 U	10 U	10 U	1200	---
Total VOCs	0	0	0	0	0	10000	----
PCBS (ug/kg)							
Aroclor-1016	81 U	81 U	83 U	84 U	84 U	NL	---
Aroclor-1221	81 U	81 U	83 U	84 U	84 U	NL	---
Aroclor-1232	81 U	81 U	83 U	84 U	84 U	NL	---
Aroclor-1242	81 U	81 U	83 U	84 U	84 U	NL	---
Aroclor-1248	81 U	81 U	83 U	84 U	84 U	NL	---
Aroclor-1254	81 U	81 U	170	84 U	84 U	NL	---
Aroclor-1260	81 U	81 U	83 U	84 U	84 U	NL	---
Total PCBs	0	0	170	0	0	10000	--
Total Petroleum Hydrocarbons (mg/kg)							
TPH (as Gasoline)	10 U	10 U	5.2 U	10 U	11 U	NL	---
Gasoline	10 U	10 U	5.2 U	10 U	11 U	NL	---
#2 Fuel Oil	10 U	10 U	10 U	10 U	11 U	NL	---
TPH (as #2 Fuel Oil)	10 U	10 U	10 U	10 U	11 U	NL	---
#6 Fuel Oil	10 U	10 U	10 U	10 U	11 U	NL	---
TPH (as #6 Fuel Oil)	10 U	10 U	10 U	10 U	11 U	NL	---
Jet Fuel	10 U	10 U	10 U	10 U	11 U	NL	---
TPH (as Jet Fuel)	10 U	10 U	10 U	10 U	11 U	NL	---
Lubricating Oil	10 U	10 U	10 U	10 U	11 U	NL	---
TPH (as Lubricating Oil)	10 U	10 U	10 U	10 U	11 U	NL	---
10W40 Oil	10 U	10 U	10 U	10 U	11 U	NL	---
TPH (as 10W40 Oil)	10 U	10 U	10 U	10 U	11 U	NL	---
Percent Moisture (%)	1.60	2.40	3.70	4.50	--	--	--

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID AOC Depth (Feet BGS) Date Collected	20-RS1-1 RS 0 - 2 03/26/97	20-RS1-2 RS 2 - 4 03/26/97	20-RS2-1 RS 0 - 2 03/25/97	20-RS2-2 RS 2 - 4 03/25/97	20-RS2-2 Dup RS 2 - 4 03/25/97	NYSDEC Soil Cleanup Objective (a)	Eastern USA Background
Metals (mg/kg)							
Antimony	0.99 U / UJ	1.0 U / UJ	1.0 U	1.0 U	NS	SB	N/A
Arsenic	1.6	1.4	1.5	1.0	NS	7.5 or SB	3 - 12
Beryllium	0.18	0.12	0.17	0.14	NS	0.16 or SB	0.1 - 1.75
Cadmium	0.08 U / UJ	0.08 U / UJ	0.11	0.15	NS	10 or SB (b)	0.1 - 1.0
Chromium	6.7 J	6.5 J	5.5 J	5.2 J	NS	50 or SB (b)	1.5 - 40
Copper	5.5 J	3.8 J	3.8	2.9	NS	25 or SB	1 - 50
Lead	7.3 J	3.0 J	7.6 J	3.7 J	NS	SB	200 - 500
Mercury	0.05 U	0.05 U	0.28	0.05 U	NS	0.1	0.001 - 0.2
Nickel	4.0	4.4	3.7	5.5	NS	13 or SB	0.5 - 25
Selenium	0.83 U	0.86 U	0.85 U	0.86 U	NS	2 or SB	0.1 - 3.9
Silver	0.40 U / UJ	0.42 U / UJ	0.85	0.91	NS	SB	N/A
Thallium	1.1 U / J	1.1 U	1.1 U / UJ	1.1 U / UJ	NS	SB	N/A
Zinc	11.4	10.4 J	10.4 J	9.9 J	NS	20 or SB	9 - 50
Volatile Organics (ug/kg)							
Acetone	11 U	11 U	10 U	4 J	NS	200	---
Benzene	11 U	11 U	10 U	10 U	NS	60	---
Bromodichloromethane	11 U	11 U	10 U	10 U	NS	NL	---
Bromoform	11 U	11 U	10 U	10 U	NS	NL	---
Bromomethane	11 U	11 U	10 U	10 U	NS	NL	---
2-Butanone	11 U	11 U	10 U / UJ	10 U / UJ	NS	300	---
Carbon disulfide	11 U	11 U	10 U	10 U	NS	2700	---
Carbon tetrachloride	11 U	11 U	10 U	10 U	NS	600	---
Chlorobenzene	11 U	11 U	10 U	10 U	NS	1700	---
Chloroethane	11 U	11 U	10 U	10 U	NS	1900	---
Chloroform	11 U	11 U	10 U	10 U	NS	300	---
Chloromethane	11 U	11 U	10 U / UJ	10 U / UJ	NS	NL	---
Dibromochloromethane	11 U	11 U	10 U	10 U	NS	NL	---
1,1-Dichloroethane	11 U	11 U	10 U	10 U	NS	200	---
1,2-Dichloroethane	11 U	11 U	10 U	10 U	NS	100	---

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-RS1-1	20-RS1-2	20-RS2-1	20-RS2-2	20-RS2-2 Dup	NYSDEC	Eastern
AOC	RS	RS	RS	RS	RS	Soil Cleanup	USA
Depth (Feet BGS)	0 - 2	2 - 4	0 - 2	2 - 4	2 - 4	Objective (a)	Background
Date Collected	03/26/97	03/26/97	03/25/97	03/25/97	03/25/97		
1,1-Dichloroethene	11 U	11 U	10 U	10 U	NS	400	---
1,2-Dichloroethene (total)	11 U	11 U	10 U	10 U	NS	300	---
1,2-Dichloropropane	11 U	11 U	10 U	10 U	NS	NL	---
cis-1,3-Dichloropropene	11 U	11 U	10 U	10 U	NS	NL	---
trans-1,3-Dichloropropene	11 U	11 U	10 U	10 U	NS	NL	---
Ethylbenzene	11 U	11 U	10 U	10 U	NS	5500	---
2-Hexanone	11 U / UJ	11 U / UJ	10 U / UJ	10 U / UJ	NS	NL	---
4-Methyl-2-pentanone	11 U / UJ	11 U / UJ	10 U	10 U	NS	1000	---
Methylene chloride	2 UJ	2 UJ	12	11	NS	100	---
Styrene	11 U	11 U	10 U	10 U	NS	NL	---
1,1,2,2-Tetrachloroethane	11 U	11 U	10 U	10 U	NS	600	---
Tetrachloroethene	11 U	11 U	10 U	10 U	NS	1400	---
Toluene	11 U	11 U	10 U	10 U	NS	1500	---
1,1,1-Trichloroethane	11 U	11 U	10 U	10 U	NS	800	---
1,1,2-Trichloroethane	11 U	11 U	10 U	10 U	NS	NL	---
Trichloroethene	11 U	11 U	10 U	10 U	NS	700	---
Vinyl Chloride	11 U	11 U	10 U	10 U	NS	200	---
Xylenes	11 U	11 U	10 U	10 U	NS	1200	---
Total VOCs	0	0	12	15		10000	----
Semivolatile Organics (ug/kg)							
Acenaphthene	NS	NS	360 U	350 U	NS	50000	---
Acenaphthylene	NS	NS	360 U	350 U	NS	41000	---
Anthracene	NS	NS	360 U	350 U	NS	50000	---
Benz(a)anthracene	NS	NS	360 U	350 U	NS	224 or MDL (330)	---
Benzo(a)pyrene	NS	NS	360 U	350 U	NS	61 or MDL (330)	---
Benzo(b)fluoranthene	NS	NS	360 U	350 U	NS	1100	---
Benzo(g,h,i)perylene	NS	NS	360 U	350 U	NS	50000	---
Benzo(k)fluoranthene	NS	NS	360 U	350 U	NS	1100	---
Bis(2-chloroethoxy) methane	NS	NS	360 U	350 U	NS	NL	---
Bis(2-chloroethyl) ether	NS	NS	360 U	350 U	NS	NL	---
Bis(2-ethylhexyl) phthalate	NS	NS	150 J/UJ	190 U	NS	50000	---
2,2'-Oxybis(1-chloropropane)	NS	NS	360 U / UJ	350 U / UJ	NS	NL	---

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID AOC Depth (Feet BGS) Date Collected	20-RS1-1 RS 0 - 2 03/26/97	20-RS1-2 RS 2 - 4 03/26/97	20-RS2-1 RS 0 - 2 03/25/97	20-RS2-2 RS 2 - 4 03/25/97	20-RS2-2 Dup RS 2 - 4 03/25/97	NYSDEC Soil Cleanup Objective (a)	Eastern USA Background
4-Bromophenyl phenyl ether	NS	NS	360 U	350 U	NS	NL	---
Butyl benzyl phthalate	NS	NS	360 U	350 U	NS	50000	---
Carbazole	NS	NS	360 U	350 U	NS	NL	---
4-Chloro-3-methylphenol	NS	NS	360 U	350 U	NS	240 or MDL (330)	---
4-Chloroaniline	NS	NS	360 U / UJ	350 U / UJ	NS	220 or MDL (330)	---
2-Chloronaphthalene	NS	NS	360 U	350 U	NS	NL	---
2-Chlorophenol	NS	NS	360 U / UJ	350 U / UJ	NS	800	---
4-Chlorophenyl phenyl ether	NS	NS	360 U	350 U	NS	NL	---
Chrysene	NS	NS	360 U	350 U	NS	400	---
Di-n-butyl phthalate	NS	NS	360 U	350 U	NS	8100	---
Dibenz(a,h)anthracene	NS	NS	360 U	350 U	NS	14 or MDL (330)	---
Dibenzofuran	NS	NS	360 U	350 U	NS	6200	---
1,2-Dichlorobenzene	NS	NS	360 U	350 U	NS	7900	---
1,3-Dichlorobenzene	NS	NS	360 U	350 U	NS	1600	---
1,4-Dichlorobenzene	NS	NS	360 U	350 U	NS	8500	---
3,3'-Dichlorobenzidine	NS	NS	360 U	350 U	NS	NL	---
2,4-Dichlorophenol	NS	NS	360 U	350 U	NS	400	---
Diethyl phthalate	NS	NS	360 U	350 U	NS	7100	---
2,4-Dimethylphenol	NS	NS	360 U	350 U	NS	NL	---
Dimethyl phthalate	NS	NS	360 U	350 U	NS	2000	---
4,6-Dinitro-2-methylphenol	NS	NS	860 U	840 U	NS	NL	---
2,4-Dinitrophenol	NS	NS	860 U / UJ	840 U / UJ	NS	200 or MDL (800)	---
2,4-Dinitrotoluene	NS	NS	360 U	350 U	NS	NL	---
2,6-Dinitrotoluene	NS	NS	360 U	350 U	NS	1000	---
Di-n-octyl phthalate	NS	NS	360 U	350 U	NS	50000	---
Fluoranthene	NS	NS	360 U	350 U	NS	50000	---
Fluorene	NS	NS	360 U	350 U	NS	50000	---
Hexachlorobenzene	NS	NS	360 U	350 U	NS	410	---
Hexachlorobutadiene	NS	NS	360 U	350 U	NS	NL	---
Hexachlorocyclopentadiene	NS	NS	360 U	350 U	NS	NL	---
Hexachloroethane	NS	NS	360 U	350 U	NS	NL	---
Indeno(1,2,3-cd)pyrene	NS	NS	360 U	350 U	NS	3200	---
Isophorone	NS	NS	360 U	350 U	NS	4400	---

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID AOC Depth (Feet BGS) Date Collected	20-RS1-1 RS 0 - 2 03/26/97	20-RS1-2 RS 2 - 4 03/26/97	20-RS2-1 RS 0 - 2 03/25/97	20-RS2-2 RS 2 - 4 03/25/97	20-RS2-2 Dup RS 2 - 4 03/25/97	NYSDEC Soil Cleanup Objective (a)	Eastern USA Background
2-Methylnaphthalene	NS	NS	360 U	350 U	NS	36400	---
2-Methylphenol	NS	NS	360 U	350 U	NS	100 or MDL (330)	---
4-Methylphenol	NS	NS	360 U	350 U	NS	900	---
N-Nitroso-di-n-propylamine	NS	NS	360 U	350 U	NS	NL	---
N-Nitrosodiphenylamine	NS	NS	360 U	350 U	NS	NL	---
Naphthalene	NS	NS	360 U	350 U	NS	13000	---
2-Nitroaniline	NS	NS	860 U	840 U	NS	430 or MDL (800)	---
3-Nitroaniline	NS	NS	860 U / UJ	840 U / UJ	NS	500 or MDL (800)	---
4-Nitroaniline	NS	NS	860 U / UJ	840 U / UJ	NS	NL	---
Nitrobenzene	NS	NS	360 U	350 U	NS	200 or MDL (330)	---
2-Nitrophenol	NS	NS	360 U	350 U	NS	330	---
4-Nitrophenol	NS	NS	860 U	840 U	NS	100 or MDL (800)	---
Pentachlorophenol	NS	NS	860 U	840 U	NS	1000	---
Phenanthrene	NS	NS	360 U	350 U	NS	50000	---
Phenol	NS	NS	360 U / UJ	350 U / UJ	NS	30 or MDL (330)	---
Pyrene	NS	NS	360 U	350 U	NS	50000	---
1,2,4-Trichlorobenzene	NS	NS	360 U	350 U	NS	3400	---
2,4,5-Trichlorophenol	NS	NS	860 U	840 U	NS	100	---
2,4,6-Trichlorophenol	NS	NS	360 U	350 U	NS	NL	---
Total SVOCs			0	0		500000	--
PCBS (ug/kg)							
Aroclor-1016	85 U	85 U	85 U	84 U	NS	NL	---
Aroclor-1221	85 U	85 U	85 U	84 U	NS	NL	---
Aroclor-1232	85 U	85 U	85 U	84 U	NS	NL	---
Aroclor-1242	85 U	85 U	85 U	84 U	NS	NL	---
Aroclor-1248	85 U	85 U	85 U	84 U	NS	NL	---
Aroclor-1254	85 U	85 U	85 U	84 U	NS	NL	---
Aroclor-1260	85 U	85 U	85 U	84 U	NS	NL	---
Total PCBs	0	0	0	0		10000	--

APPENDIX A1

Summary of Analytical Results for the Primary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID AOC Depth (Feet BGS) Date Collected	20-RS1-1 RS 0 - 2 03/26/97	20-RS1-2 RS 2 - 4 03/26/97	20-RS2-1 RS 0 - 2 03/25/97	20-RS2-2 RS 2 - 4 03/25/97	20-RS2-2 Dup RS 2 - 4 03/25/97	NYSDEC Soil Cleanup Objective (a)	Eastern USA Background
Total Petroleum Hydrocarbons (mg/kg)							
TPH (as Gasoline)	5.3 U	5.3 U	5.3 U	5.3 U	NS	NL	---
Gasoline	5.3 U	5.3 U	5.3 U	5.3 U	NS	NL	---
#2 Fuel Oil	11 U	11 U	11 U	11 U	NS	NL	---
TPH (as #2 Fuel Oil)	11 U	11 U	11 U	11 U	NS	NL	---
#6 Fuel Oil	11 U	11 U	11 U	11 U	NS	NL	---
TPH (as #6 Fuel Oil)	11 U	11 U	11 U	11 U	NS	NL	---
Jet Fuel	11 U	11 U	11 U	11 U	NS	NL	---
TPH (as Jet Fuel)	11 U	11 U	11 U	11 U	NS	NL	---
Lubricating Oil	11 U	11 U	11 U	11 U	NS	NL	---
TPH (as Lubricating Oil)	11 U	11 U	11 U	11 U	NS	NL	---
10W40 Oil	11 U	11 U	11 U	11 U	NS	NL	---
TPH (as 10W40 Oil)	11 U	11 U	11 U	11 U	NS	NL	---
Glycols (mg/kg)							
Ethylene glycol	13.00 U	13.00 U	13.00 U	13.00 U	12.00 U	---	---
Propylene glycol	13.00 U	13.00 U	13.00 U	13.00 U	12.00 U	---	---
Percent Moisture (%)	5.80	6.30	5.40	5.00	--	--	--

NOTES FOR APPENDIX A.1 TABLES

(a) NYSDEC TAGM #4046 "Determination of Soil Cleanup Objectives and Cleanup Levels", dated January 24, 1994 (REVISED).

(b) For cadmium and chromium, the proposed April 1995 cleanup objectives were used.

SB Site background, according to TAGM #4046. The Eastern USA background values were used.

N/A Not available.

NL No cleanup level is listed in TAGM #4046.

NS Not sampled for this parameter.

MDL Method Detection Limit (listed in parenthesis).

Data Qualifiers:

U Analyzed for but not detected. The value is the sample specific detection limit.

J Estimated value. The analyte was positively identified; however, the value is the approximate concentration of the analyte in the sample.

UJ Analyzed for but not detected. The value is the approximate sample specific detection limit.

R The result is rejected for use due to unacceptable laboratory analysis (see Section 4.4 and Appendix D for details).

Appendix A.2

SECONDARY SAMPLING EVENT

APPENDIX A2
Summary of Analytical Results for the Secondary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-03B-S-1	20-03B-S-2	20-03B-S-3	20-03B-S-4		
AOC	03	03	03	03	NYSDEC	Eastern
Depth (Feet BGS)	0 - 2	2 - 4	4 - 6	6 - 8	Soil Cleanup	USA
Date Collected	05/23/97	05/23/97	05/23/97	05/23/97	Objective (a)	Background
Metals (mg/kg)						
Mercury	0.11 U	0.1 U	0.1 U	0.1 U	0.1	0.001 - 0.2

Sample ID	20-03C-S-1	20-03C-S-2	20-03C-S-3	20-03C-S-4		
AOC	03	03	03	03	NYSDEC	Eastern
Depth (Feet BGS)	0 - 2	2 - 4	4 - 6	6 - 8	Soil Cleanup	USA
Date Collected	05/23/97	05/23/97	05/23/97	05/23/97	Objective (a)	Background
Metals (mg/kg)						
Mercury	0.11 U	0.11 U	0.11 U	0.12 U	0.1	0.001 - 0.2

Sample ID	20-03D-S-1	20-03D-S-2	20-03D-S-3	20-03D-S-4		
AOC	03	03	03	03	NYSDEC	Eastern
Depth (Feet BGS)	0 - 2	2 - 4	4 - 6	6 - 8	Soil Cleanup	USA
Date Collected	05/23/97	05/23/97	05/23/97	05/23/97	Objective (a)	Background
Metals (mg/kg)						
Mercury	0.1 U	0.11 U	0.11 U	0.1 U	0.1	0.001 - 0.2

APPENDIX A2
Summary of Analytical Results for the Secondary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-RS2B-S-1	20-RS2B-S-2	20-RS2B-S-3	20-RS2B-S-4		
AOC	RS	RS	RS	RS	NYSDEC	Eastern
Depth (Feet BGS)	0 - 2	2 - 4	4 - 6	6 - 8	Soil Cleanup	USA
Date Collected	05/23/97	05/23/97	05/23/97	05/23/97	Objective (a)	Background
Metals (mg/kg)						
Mercury	0.1 U	0.11 U	0.1 U	0.11 U	0.1	0.001 - 0.2

Sample ID	20-RS2C-S-1	20-RS2C-S-2	20-RS2C-S-3	20-RS2C-S-4		
AOC	RS	RS	RS	RS	NYSDEC	Eastern
Depth (Feet BGS)	0 - 2	2 - 4	4 - 6	6 - 8	Soil Cleanup	USA
Date Collected	05/23/97	05/23/97	05/23/97	05/23/97	Objective (a)	Background
Metals (mg/kg)						
Mercury	0.1 U	0.1 U	0.1 U	0.11 U	0.1	0.001 - 0.2

Sample ID	20-RS2D-1	20-RS2D-2	20-RS2D-3	20-RS2D-4		
AOC	RS	RS	RS	RS	NYSDEC	Eastern
Depth (Feet BGS)	0 - 2	2 - 4	4 - 6	6 - 8	Soil Cleanup	USA
Date Collected	05/27/97	05/27/97	05/27/97	05/27/97	Objective (a)	Background
Metals (mg/kg)						
Mercury	0.1 U	0.1 U	0.1 U	0.12 U	0.1	0.001 - 0.2

Sample ID	20-RS2E-1	20-RS2E-2	20-RS2E-3	20-RS2E-4		
AOC	RS	RS	RS	RS	NYSDEC	Eastern
Depth (Feet BGS)	0 - 2	2 - 4	4 - 6	6 - 8	Soil Cleanup	USA
Date Collected	05/27/97	05/27/97	05/27/97	05/27/97	Objective (a)	Background
Metals (mg/kg)						
Mercury	0.1 U	0.11 U	0.1 U	0.1 U	0.1	0.001 - 0.2

APPENDIX A2
Summary of Analytical Results for the Secondary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-04B-S-1	20-04B-S-2	20-04B-S-3	20-04B-S-4	20-05B-S-1	20-05B-S-2	20-05B-S-3	NYSDEC
AOC	04	04	04	05	05	05	05	STARS
Depth (Feet BGS)	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	Guidance
Date Collected	05/23/97	05/23/97	05/23/97	05/23/97	05/23/97	05/23/97	05/23/97	Value (a)
Volatile Organics - Total (ug/kg)								
Benzene	1.8 U	2 U	2.3 U	1.8 U	2 U	2 U	2 U	24,000
n-Butylbenzene	0.92 U	0.98 U	1.1 U	0.91 U	1 U	0.99 U	0.99 U	NL
sec-Butylbenzene	0.92 U	0.98 U	1.1 U	0.91 U	1 U	0.99 U	0.99 U	NL
tert-Butylbenzene	0.92 U	0.98 U	1.1 U	0.91 U	1 U	0.99 U	0.99 U	NL
Ethylbenzene	1.8 U	2 U	2.3 U	1.8 U	2 U	2 U	2 U	8,000,000
Isopropylbenzene	0.92 U	0.98 U	1.1 U	0.91 U	1 U	0.99 U	0.99 U	NL
p-Isopropyltoluene	0.92 U	0.98 U	1.1 U	0.91 U	1 U	0.99 U	0.99 U	NL
Methyl t-butyl ether	0.92 U	0.98 U	1.1 U	0.91 U	1 U	0.99 U	0.99 U	NL
Naphthalene	1.3	0.98 U	1.1 U	0.91 U	1 U	3.6	1.7	300,000
n-Propylbenzene	0.92 U	0.98 U	1.1 U	0.91 U	1 U	0.99 U	0.99 U	NL
Toluene	1.8 U	2 U	2.3 U	1.8 U	2 U	2 U	2 U	20,000,000
1,2,4-Trimethylbenzene	0.92 U	0.98 U	1.1 U	0.91 U	1 U	0.99 U	0.99 U	NL
1,3,5-Trimethylbenzene	0.92 U	0.98 U	1.1 U	0.91 U	1 U	0.99 U	0.99 U	NL
m-Xylene	1.8 U	2 U	2.3 U	1.8 U	2 U	2 U	2 U	200,000,000
o-Xylene	1.8 U	2 U	2.3 U	1.8 U	2 U	2 U	2 U	200,000,000
p-Xylene	1.8 U	2 U	2.3 U	1.8 U	2 U	2 U	2 U	NL
Semivolatile Organics - Total (ug/kg)								
Acenaphthene	NS	NS	NS	NS	NS	NS	NS	5,000,000
Anthracene	NS	NS	NS	NS	NS	NS	NS	20,000,000
Benz(a)anthracene	NS	NS	NS	NS	NS	NS	NS	220
Benzo(a)pyrene	NS	NS	NS	NS	NS	NS	NS	61
Benzo(b)fluoranthene	NS	NS	NS	NS	NS	NS	NS	220
Benzo(g,h,i)perylene	NS	NS	NS	NS	NS	NS	NS	NL
Benzo(k)fluoranthene	NS	NS	NS	NS	NS	NS	NS	220
Chrysene	NS	NS	NS	NS	NS	NS	NS	NL
Dibenz(a,h)anthracene	NS	NS	NS	NS	NS	NS	NS	14
Fluoranthene	NS	NS	NS	NS	NS	NS	NS	3,000,000
Fluorene	NS	NS	NS	NS	NS	NS	NS	3,000,000
Indeno(1,2,3-cd)pyrene	NS	NS	NS	NS	NS	NS	NS	NL
Phenanthrene	NS	NS	NS	NS	NS	NS	NS	NL
Pyrene	NS	NS	NS	NS	NS	NS	NS	2,000,000

APPENDIX A2
Summary of Analytical Results for the Secondary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-04B-S-1	20-04B-S-2	20-04B-S-3	20-04B-S-4	20-05B-S-1	20-05B-S-2	20-05B-S-3	NYSDEC
AOC	04	04	04	05	05	05	05	STARS
Depth (Feet BGS)	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	Guidance
Date Collected	05/23/97	05/23/97	05/23/97	05/23/97	05/23/97	05/23/97	05/23/97	Value (a)
Semivolatile Organics - TCLP (mg/L)								
Acenaphthene	NS	NS	NS	NS	NS	NS	NS	0.02
Anthracene	NS	NS	NS	NS	NS	NS	NS	0.05
Benz(a)anthracene	NS	NS	NS	NS	NS	NS	NS	0.000002
Benzo(a)pyrene	NS	NS	NS	NS	NS	NS	NS	0.000002
Benzo(b)fluoranthene	NS	NS	NS	NS	NS	NS	NS	0.000002
Benzo(g,h,i)perylene	NS	NS	NS	NS	NS	NS	NS	0.000002
Benzo(k)fluoranthene	NS	NS	NS	NS	NS	NS	NS	0.000002
Chrysene	NS	NS	NS	NS	NS	NS	NS	0.000002
Dibenz(a,h)anthracene	NS	NS	NS	NS	NS	NS	NS	0.05
Fluoranthene	NS	NS	NS	NS	NS	NS	NS	0.05
Fluorene	NS	NS	NS	NS	NS	NS	NS	0.05
Indeno(1,2,3-cd)pyrene	NS	NS	NS	NS	NS	NS	NS	0.000002
Phenanthrene	NS	NS	NS	NS	NS	NS	NS	0.05
Pyrene	NS	NS	NS	NS	NS	NS	NS	0.05

APPENDIX A2
Summary of Analytical Results for the Secondary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-06D-1	20-06D-2	20-06D-3	20-06D-3 DUP	20-06D-4	20-06D-5	20-06D-6	20-06D-7	NYSDEC
AOC	06	06	06	06	06	06	06	06	STARS
Depth (Feet BGS)	10 - 12	12 - 14	14 - 16	14 - 16	16 - 18	18 - 20	20 - 22	22 - 24	Guidance
Date Collected	05/27/97	05/27/97	05/27/97	05/27/97	05/27/97	05/27/97	05/27/97	05/27/97	Value (a)
Volatile Organics - Total (ug/kg)									
Benzene	2 U	2 U	2 U	2 U	2 U	1.8 U	2 U	2 U	24,000
n-Butylbenzene	0.98 U	0.98 U	1 U	1 U	1 U	0.92 U	1 U	0.99 U	NL
sec-Butylbenzene	0.98 U	0.98 U	1 U	1 U	1 U	0.92 U	1 U	0.99 U	NL
tert-Butylbenzene	0.98 U	0.98 U	1 U	1 U	1 U	0.92 U	1 U	0.99 U	NL
Ethylbenzene	2 U	2 U	2 U	2 U	2 U	1.8 U	2 U	2 U	8,000,000
Isopropylbenzene	0.98 U	0.98 U	1 U	1 U	1 U	0.92 U	1 U	0.99 U	NL
p-Isopropyltoluene	0.98 U	0.98 U	1 U	1 U	1 U	0.92 U	1 U	0.99 U	NL
Methyl t-butyl ether	0.98 U	0.98 U	1 U	1 U	1 U	0.92 U	1 U	0.99 U	NL
Naphthalene	0.98 U	0.98 U	1 U	1 U	1 U	0.92 U	4.5	0.99 U	300,000
n-Propylbenzene	0.98 U	0.98 U	1 U	1 U	1 U	0.92 U	1 U	0.99 U	NL
Toluene	2 U	2 U	2 U	2 U	2 U	1.8 U	2 U	2 U	20,000,000
1,2,4-Trimethylbenzene	0.98 U	0.98 U	1 U	1 U	1 U	0.92 U	1 U	0.99 U	NL
1,3,5-Trimethylbenzene	0.98 U	0.98 U	1 U	1 U	1 U	0.92 U	1 U	0.99 U	NL
m-Xylene	2 U	2 U	2 U	2 U	2 U	1.8 U	2 U	2 U	200,000,000
o-Xylene	2 U	2 U	2 U	2 U	2 U	1.8 U	2 U	2 U	200,000,000
p-Xylene	2 U	2 U	2 U	2 U	2 U	1.8 U	2 U	2 U	NL
Semivolatile Organics - Total (ug/kg)									
Acenaphthene	330 U	330 U	330 U	340 U	340 U	360 U	350 U	340 U	5,000,000
Anthracene	330 U	330 U	330 U	340 U	340 U	360 U	350 U	340 U	20,000,000
Benz(a)anthracene	330 U	330 U	330 U	340 U	340 U	360 U	350 U	340 U	220
Benzo(a)pyrene	330 U	330 U	330 U / UJ	340 U / UJ	6.9 J	360 U	350 U	340 U	61
Benzo(b)fluoranthene	330 U	330 U	330 U / UJ	340 U / UJ	10 J	360 U	350 U	340 U	220
Benzo(g,h,i)perylene	330 U / UJ	330 U / UJ	330 U / UJ	340 U / UJ	340 U / UJ	360 U / UJ	350 U / UJ	340 U / UJ	NL
Benzo(k)fluoranthene	330 U	330 U	330 U / UJ	340 U / UJ	4.5 J	360 U	350 U	340 U	220
Chrysene	330 U	330 U	330 U	340 U	340 U	360 U	350 U	340 U	NL
Dibenz(a,h)anthracene	330 U / UJ	330 U / UJ	330 U / UJ	340 U / UJ	340 U / UJ	360 U / UJ	350 U / UJ	340 U / UJ	14
Fluoranthene	330 U	330 U	330 U	340 U	10 J	360 U	350 U	340 U	3,000,000
Fluorene	330 U	330 U	330 U	340 U	340 U	360 U	350 U	340 U	3,000,000
Indeno(1,2,3-cd)pyrene	330 U / UJ	330 U / UJ	330 U / UJ	340 U / UJ	340 U / UJ	360 U / UJ	350 U / UJ	340 U / UJ	NL
Phenanthrene	330 U	330 U	330 U	340 U	340 U	360 U	350 U	340 U	NL
Pyrene	330 U	330 U	330 U	340 U	12 J	360 U	350 U	340 U	2,000,000

APPENDIX A2
Summary of Analytical Results for the Secondary Sampling
Plant 20 Transportation Maintenance Facility
Northrop Grumman GOCO Facility - Bethpage, NY

Sample ID	20-06D-1	20-06D-2	20-06D-3	20-06D-3 DUP	20-06D-4	20-06D-5	20-06D-6	20-06D-7	NYSDEC
AOC	06	06	06	06	06	06	06	06	STARS
Depth (Feet BGS)	10 - 12	12 - 14	14 - 16	14 - 16	16 - 18	18 - 20	20 - 22	22 - 24	Guidance
Date Collected	05/27/97	05/27/97	05/27/97	05/27/97	05/27/97	05/27/97	05/27/97	05/27/97	Value (a)
Semivolatile Organics - TCLP (mg/L)									
Acenaphthene	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.02
Anthracene	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.05
Benz(a)anthracene	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.000002
Benzo(a)pyrene	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.000002
Benzo(b)fluoranthene	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.000002
Benzo(g,h,i)perylene	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.000002
Benzo(k)fluoranthene	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.000002
Chrysene	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.000002
Dibenz(a,h)anthracene	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.05
Fluoranthene	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.05
Fluorene	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.05
Indeno(1,2,3-cd)pyrene	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.000002
Phenanthrene	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.05
Pyrene	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.05

NOTES FOR APPENDIX A.2 TABLES

(a) NYSDEC TAGM #4046 "Determination of Soil Cleanup Objectives and Cleanup Levels", dated January 24, 1994 (REVISED).

STARS Memo #1, "Petroleum-Contaminated Soil Guidance Policy", dated August 1992. For the volatile organics and the total semivolatiles, the sample results were compared to the human health guidance value. For the TCLP semivolatiles, the sample results were compared to the TCLP extraction guidance value.

NL No cleanup level is listed in STARS Memo #1.

NS Not sampled for this parameter.

Data Qualifiers:

U Analyzed for but not detected. The value is the sample specific detection limit.

J Estimated value. The analyte was positively identified; however, the value is the approximate concentration of the analyte in the sample.

UJ Analyzed for but not detected. The value is the approximate sample specific detection limit.

Appendix B

BOREHOLE LOGS

Radian International, L.L.C.
Herndon, VA

20 - 07A

LOG OF BORING

DEPTH (ft)	H2S (ppm)	Sample Interval	Sample No.	PID (ppm)	Recovery (%)	Munsell Color	DEPTH (ft)	SAMPLES	SYMBOLS	MATERIALS DESCRIPTION
		0'-2'	20 01A + MS/MSD	1 ppm	95%	10yr 4/4				5" concrete Slightly silty SAND + gravel fine + very slightly moist. Dark yellowish Brown.
		2'-4'	2001A ~~MS/MSD~~ DUP	2 ppm	90%	10yr 4/4				
5							5			
10							10			
15							15			
20							20			

PROJECT	NGRUMMAN	DRILLING COMPANY	Zebra
LOCATION	PLANT 20	DATE DRILLED	2-25-97
JOB NUMBER		SURFACE ELEVATION	
GEOLOGIST	C. Millard	TOTAL DEPTH OF HOLE	4
DRILL RIG	Geoprobe	WATER LEVEL	NA

Radian International, L.L.C.
Herndon, VA

20-01B

LOG OF BORING

DEPTH (ft)	H2S (ppm)	Sample Interval	Sample No.	PID (ppm)	Recovery (%)	Munsell Color	DEPTH (ft)	SAMPLES SYMBOLS	MATERIALS DESCRIPTION
		0-2	20-01B-1	0ppm	90%	10yr 4/4			Slightly silty SAND + GRAVEL very slightly moist + Loose/Friable yellowish brown to dark yellowish Brown.
		2-4	20-01B-2	0ppm	90%	10yr 5/4			
5							5		
10							10		
15							15		
20							20		

PROJECT Northrop Grumman
LOCATION Plant 20
JOB NUMBER
GEOLOGIST CL Millard
DRILL RIG Geoprobe

DRILLING COMPANY Zebra
DATE DRILLED 3-25-97
SURFACE ELEVATION
TOTAL DEPTH OF HOLE 4'
WATER LEVEL NA

Radian International, LLC.
Herndon, VA

~~SOP~~ 2001C

LOG OF BORING

DEPTH (ft)	H2S (ppm)	Sample Interval	Sample No.	PID (ppm)	Recovery (%)	Munsell Color	DEPTH (ft)	SAMPLES SYMBOLS	MATERIALS DESCRIPTION
									5" concrete
									Black silt, dry + friable
		0'-2'	2001C-1	1 ppm	90%	10yr 4/6			Dark yellowish brown sandy silt (fill) + loose
		2'-4'	2001C-2	2 ppm	100%	2.5Y 6/1			light yellowish brown silt moist + friable
							5		
							10		
							15		
							20		

PROJECT	J. Grumman	DRILLING COMPANY	Zebra
LOCATION	Plant 20	DATE DRILLED	3-26-97
JOB NUMBER		SURFACE ELEVATION	
GEOLOGIST	C L Millard	TOTAL DEPTH OF HOLE	4.5
DRILL RIG	Geoprobe	WATER LEVEL	NA

Radian International, L.L.C.
Herndon, VA

Boring 20-02

LOG OF BORING

DEPTH (ft)	H2S (ppm)	Sample Interval	Sample No.	PID (ppm)	Recovery (%)	Munsell Color	DEPTH (ft)	SAMPLES SYMBOLS	MATERIALS DESCRIPTION
		0-2	20-02-01	0 ppm	90%	2.5yr 4/4			5 inches concrete olive brown slightly silty SAND with gravel, very slightly moist, friable/loose
		2-4	20-02-02	0 ppm	90%	2.5yr 4/4	4.		
5							5		
10							10		
15							15		
20							20		

PROJECT	N GRUMMAN	DRILLING COMPANY	Zebra
LOCATION	Plant 20	DATE DRILLED	3-25-97
JOB NUMBER		SURFACE ELEVATION	
GEOLOGIST	CL Millard	TOTAL DEPTH OF HOLE	4'
DRILL RIG	Geoprobe	WATER LEVEL	NA

Radian International, L.L.C.
Herndon, VA

20-03

LOG OF BORING

DEPTH (ft)	H2S (ppm)	Sample Interval	Sample No.	PID (ppm)	Recovery (%)	Munsell Color	DEPTH (ft)	SAMPLES SYMBOLS	MATERIALS DESCRIPTION
		0-2	20-03-C1	0ppm	90%				5" concrete slightly silty + occasionally clayey SAND + GRAVEL
		2-4	20-03-C2	0ppm	80%	10yr 3/4			Dark yellowish brown very slightly moist + loose/friable
5							5		
10							10		
15							15		
20							20		

PROJECT NG-RUMAN
LOCATION PLANT 20
JOB NUMBER
GEOLOGIST C L Millard
DRILL RIG Geoprobe

DRILLING COMPANY Zebra
DATE DRILLED 3-25-97
SURFACE ELEVATION
TOTAL DEPTH OF HOLE 4.
WATER LEVEL

Radian International, L.L.C.
Herndon, VA

20-04-1

LOG OF BORING

DEPTH (ft)	H2S (ppm)	Sample Interval	Sample No.	PID (ppm)	Recovery (%)	Munsell Color	DEPTH (ft)	SAMPLES SYMBOLS	MATERIALS DESCRIPTION
		0-2'	20041	0ppm	70%	10yr 4/6			Slightly silty SAND with gravel very slightly moist friable Dark yellowish brown
		2-4'	20042	0ppm	70%	10yr 4/6			
5							5		
10							10		
15							15		
20							20		

PROJECT NC RUMMAN
LOCATION PLANT 20
JOB NUMBER
GEOLOGIST C. Millard
DRILL RIG Geoprobe

DRILLING COMPANY Zebra
DATE DRILLED 3/25/97
SURFACE ELEVATION
TOTAL DEPTH OF HOLE 4'
WATER LEVEL NA

Radian International, L.L.C.
Herndon, VA

Boring 20-05A

LOG OF BORING

DEPTH (ft)	H2S (ppm)	Sample Interval	Sample No.	PID (ppm)	Recovery (%)	Munsell Color	DEPTH (ft)	SAMPLES	SYMBOLS	MATERIALS DESCRIPTION
										0-5" concrete
				0 ppm	90%					Slightly silty SAND & Gravel slightly moist & friable olive brown 2.5 y 4/4 to ~7' Then 10 y r 2/2 to 4 feet possible staining in this interval. Lost the auger from the probe down the hole.
				0 ppm	98%					
5				0 ppm	100%		5			olive brown as above.
					80%					
		6-8	20051	0 ppm	↓	10YR4/4				Slightly silty SAND with gravel friable & very slightly moist light yellowish brown
		8-10	20052	0 ppm	80%	10yr5/6				Slightly silty SAND with gravel friable and very slightly moist yellowish brown
10							10			
15							15			
20							20			

PROJECT N Grumman
LOCATION Plant 20
JOB NUMBER
GEOLOGIST CL Mylkard
DRILL RIG Geoprobe

DRILLING COMPANY Zebra
DATE DRILLED 5/25/97
SURFACE ELEVATION
TOTAL DEPTH OF HOLE 10'
WATER LEVEL NA

Radian International, L.L.C.
Herndon, VA

LOG OF BORING

Page 1 of 0

20 6A1

DEPTH (ft)	H2S (ppm)	Sample Interval	Sample No.	PID (ppm)	Recovery (%)	Munsell Color	DEPTH (ft)	SAMPLES SYMBOLS	MATERIALS DESCRIPTION
									No sample
10		10-12	206A1-1	3ppm	100%		10		Dark yellowish brown coarse SAND and gravel yellowish brown loose + very slightly moist.
		12-14	206A1-2	3ppm	100%	10yr 5/8			
		14-16							
15		↓	206A1-3	3ppm	100%	10yr 5/8	15		SAND + GRAVEL as above.
		16-18	206A1-4	3ppm	100%	10yr 5/8 mottles 2.5y 3/2			Sand and Gravel slightly moist + loose 10yr 5/8 and mottled 2.5y 3/2 very dark greyish brown
20		18-20	206A1-5	3ppm	100%	10yr 5/8	20		

PROJECT Norrmann
LOCATION PLANT 20
JOB NUMBER
GEOLOGIST C. Millard
DRILL RIG Geoprobe

DRILLING COMPANY Zebra
DATE DRILLED 3-26-97
SURFACE ELEVATION
TOTAL DEPTH OF HOLE 20
WATER LEVEL

Radian International, L.L.C.
Herndon, VA

LOG OF BORING

206A2

DEPTH (ft)	H2S (ppm)	Sample Interval	Sample No.	PID (ppm)	Recovery (%)	Munsell Color	DEPTH (ft)	SAMPLES SYMBOLS	MATERIALS DESCRIPTION
5							5		
10		10-12	206A2-1	3ppm		2.5y5/6	10		SAND + GRAVEL slightly moist + loose
		12-14	206A2-2	3ppm		10yr 5/8			
15		14-16	206A2-3	2ppm		10yr 7/6 + 2.5y 3/2	15		moist + loose
		16-18	206A2-4	2ppm					
		18-20	206A2-5	1ppm		10yr 5/8			
20							20		

PROJECT	N GRUMMAN	DRILLING COMPANY	Zebra
LOCATION	PLANT 20	DATE DRILLED	3-26-97
JOB NUMBER		SURFACE ELEVATION	
GEOLOGIST	CL Millard	TOTAL DEPTH OF HOLE	20 ft
DRILL RIG	Geoprobe	WATER LEVEL	NA

Radian International, L.L.C.
Herndon, VA

LOG OF BORING

20 GB1

DEPTH (ft)	H2S (ppm)	Sample Interval	Sample No.	PID (ppm)	Recovery (%)	Munsell Color	DEPTH (ft)	SAMPLES SYMBOLS	MATERIALS DESCRIPTION
5							5		
10		10-12	20GB1-1	0ppm	80%	10yr 7/1	10		Blind Push to 10' Very pale brown dry SAND + Gravel, loose.
		12-14	20GB1-2	1ppm	80%	10yr 7/4			SAND - Gravel
15		14-16	20GB1-3	2ppm	5%	10yr 5/8	15		slightly moist
		16-18	20GB1-4		20%	10yr 5/8			only collected VOC bottle. Refusal
20							20		

PROJECT	ALGONQUIN	DRILLING COMPANY	Zebra
LOCATION	PLANT 20	DATE DRILLED	3-26-97
JOB NUMBER		SURFACE ELEVATION	
GEOLOGIST	C. Millard	TOTAL DEPTH OF HOLE	~~20~~ 18 feet
DRILL RIG	Geoprobe	WATER LEVEL	NA

Radian International, L.L.C.
Herndon, VA

206C1

LOG OF BORING

DEPTH (ft)	H2S (ppm)	Sample Interval	Sample No.	PID (ppm)	Recovery (%)	Munsell Color	DEPTH (ft)	SAMPLES SYMBOLS	MATERIALS DESCRIPTION
5							5		
10		10-12	206C11	2 ppm	100%	10yr 5/4	10		Blind Push to 10' Slighty moist loose coarse SAND and gravel
		12-14	206C12	1 ppm	100%	10yr 5/4			
15		14-16	206C13	0 ppm	100%	10yr 5/3	15		
		16-18	206C14	0 ppm	100%	10yr 5/8			
20		18-20	206C15	0 ppm	100%	10yr 5/6	20		moist

PROJECT	Northern Environ	DRILLING COMPANY	Zebra
LOCATION	Plant 20	DATE DRILLED	3-26-97
JOB NUMBER		SURFACE ELEVATION	
GEOLOGIST	C. Mallard	TOTAL DEPTH OF HOLE	20 ft
DRILL RIG	Geoprobe	WATER LEVEL	N/A

Radian International, L.L.C.
Herndon, VA

20RS1

LOG OF BORING

DEPTH (ft)	H2S (ppm)	Sample Interval	Sample No.	PID (ppm)	Recovery (%)	Munsell Color	DEPTH (ft)	SAMPLES	SYMBOLS	MATERIALS DESCRIPTION
		0-2	20RS1	1 0ppm	80%	2.5yr 5/4				light ~~yellow~~ olive brown slightly ~~sandy~~ silty SAND and GRAVEL. Loose & very slightly moist.
		2-4'	20RS12	0ppm	90%					
5							5			
10							10			
15							15			
20							20			

PROJECT N Grumman
LOCATION Plant 20
JOB NUMBER
GEOLOGIST CL Mallard
DRILL RIG Geoprobe

DRILLING COMPANY Fabra
DATE DRILLED 3-26-97
SURFACE ELEVATION
TOTAL DEPTH OF HOLE 4' BGS
WATER LEVEL NM

Radian International, L.L.C.
Herndon, VA

LOG OF BORING

Boring 20-RS2

DEPTH (ft)	H2S (ppm)	Sample Interval	Sample No.	PID (ppm)	Recovery (%)	Munsell Color	DEPTH (ft)	SAMPLES SYMBOLS	MATERIALS DESCRIPTION
									concrete to 5" below slab.
		0-2	20-RS2-1	0ppm	80%	7.5yr 5/6			very slightly silty SAND and gravel to 4' BGS strong brown color, very slightly moist + friable
		2-4	20-RS2-2	0ppm	80%	7.5yr 5/6			
5							5		
10							10		
15							15		
20							20		

PROJECT N. Grumman
LOCATION Plant 20
JOB NUMBER
GEOLOGIST CL Millard
DRILL RIG Zebra Geoprobe

DRILLING COMPANY Zebra
DATE DRILLED 3-25-97
SURFACE ELEVATION
TOTAL DEPTH OF HOLE 4'
WATER LEVEL ✓

Appendix C

CHAIN OF CUSTODY FORMS

nytest environmental inc. (516) 625-5500 FAX: (516) 625-1274

Chain of Custody Record

page 1 of 1

Client Name: Northrop Grumman
Address:
Project Manager: Susan Andrechek
Phone: 703 713 1500 FAX: x1512
Project Name: Plant 20 Northrop Grumman
Project Number:
P.O. #:
Analytical Protocol: Deliverables:
Sampled By: Clayton Millard

Login #: 30871
Ship to:
Nytest Environmental Inc.
60 Seaview Blvd
Port Washington N.Y. 11050
Attn.: Sample Control
Date Shipped:
Carrier:
Air Bill #:
Cooler #:
C of C #:
SDG #: 201
NEI QT #:

Analysis Requested

Lab ID (Lab Use Only)	Sample ID (Maximum of 6 Characters)	Date Sampled	Time Sampled	Sample Description	No. of Containers	SVOCs	VOCs	TPHC	PCBs	Priority Pol. Metals	Comments
01	20R521	3/25/97	0915	Soil	3	✓	✓	✓	✓	✓	as per client Mark Colone 3/28 run metals, VOA, DRO, GRO, PCB [illegible]
02	20R522		0920	Soil	3	✓	✓	✓		✓	
03	20051		1230	Soil	2			✓	✓		
04	20052		1235	Soil	2			✓	✓		
05	20041		1245	Soil	3		✓	✓	✓	✓	
06	20042		1250	Soil	3		✓	✓	✓	✓	
07	20021		1335	Soil	3		✓	✓	✓	✓	
08	20022		1340	Soil	3		✓	✓	✓	✓	
09	20031		1355	Soil	3		✓	✓	✓	✓	
10	20032		1400	Soil	3		✓	✓	✓	✓	

Bin #'s In/Out (For Lab Use Only)

Relinquished by: [illegible] Print Name: Clayton Millard Date / Time: 3-25-97 1700
Received by: [illegible] Print Name: F. [illegible] Date / Time: 3/25 [illegible]
Relinquished by: [illegible] Print Name: [illegible] Date / Time: 3/26 [illegible]
Received by: Print Name: Date / Time:
Relinquished by: Print Name: Date / Time:
Received by Laboratory: [illegible] Print Name: Robert Fletcher Date / Time: 3/26/97 1000

Special Instructions:

Lab Use Only
Custody Seals: Intact (circled) Broken Absent
Sample Rec'd in Good Condition?: Y (circled) N
Sample Temperature: 4 Degrees Celsius
INSPECTED BY: [illegible]
COMMENTS:

CLIENT RETAINS YELLOW COPY ONLY

000024

Nytest Environmental Inc.

(516) 625-5500 FAX: (516) 625-1274

Chain of Custody Record

page #: 1 of 1

Client Name: Northrop Grumman
Address:
Project Manager: Susan Hindrichs
Phone: 703 713 1500 FAX: x 1512
Project Name: N Grumman Plant 20
Project Number:
P.O. #:
Analytical Protocol: Deliverables:
Sampled By: Clayton Millard

Login #: 38871
Ship to:
Nytest Environmental Inc.
60 Seaview Blvd
Port Washington N.Y. 11050
Attn.: Sample Control
Date Shipped:
Carrier:
Air Bill #:
Cooler #:
C of C #:
SDG #: 20-1
NEI QT #:

Analysis Requested

Lab ID (Lab Use Only)	Sample ID (Maximum of 6 Characters)	Date Sampled	Time Sampled	Sample Description	No. of Containers	VOCs	SVOCs	Arom. RL Meth.	PCB	DRO/GRO	Comments
11	20D1A1	3/25/97	1415	Soil	6	X	X	X	X	X	+ MS/MSD
14/15	2001A2		1420	Soil	6	X	X	X	X	X	+ Duplicate
16	2001B1		1530	Soil	5	X	X	X			
17	2001B2	3/25/97	1535	Soil	3	X	X	X			
	2001AC	3/25/97	1425	Concrete	1		X	X			

Bin #'s In/Out: (For Lab Use Only)

	Date / Time		Date / Time
Relinquished by: Clayton Millard	3-25-97 1700	Received by:	
Print Name: Clayton Millard		Print Name:	
Relinquished by:	Date / Time	Received by:	Date / Time
Print Name:		Print Name:	
Relinquished by:	Date / Time	Received by Laboratory: Robert Hetzler	Date / Time 3/26/97 1000
Print Name:		Print Name:	

Lab Use Only

Custody Seals: Intact / Broken / Absent
Sample Rec'd in Good Condition?: Y / N
Sample Temperature: 4 Degrees Celsius
INSPECTED BY:
COMMENTS:

Special Instructions:

CLIENT RETAINS YELLOW COPY ONLY

C00023

NYSDEC 058419

nytest environmental inc.

(516) 625-5500 FAX: (516) 625-1274

Chain of Custody Record

page 1 of 1

Client Name: Northrop Grumman

Address:

Project Manager: Susan Vindigni

Phone: 703 713 1500 FAX: 1512

Project Name: N GRUMMAN PLANT 20

Project Number:

PO #:

Analytical Protocol: Deliverables:

Sampled By: Clayton Millard

Login #: 38877

Ship to:
Nytest Environmental Inc.
60 Seaview Blvd
Port Washington N.Y. 11050
Attn.: Sample Control

Date Shipped:

Carrier:

Air Bill #:

Cooler #:

C of C #:

SDG #: 20-1

NEI QT #:

Analysis Requested

Lab ID (Lab Use Only)	Sample ID (Maximum of 6 Characters)	Date Sampled	Time Sampled	Sample Description	No. of Containers	VOCs	SVOCs	Pb, Ty, RI, Moist
10213	20DUPA	3/25/11	1415	Soil	6	V	V	V
10214	20DUPA		1420	Soil	6	V	V	V
10215	20DUPB		1530	Soil	5	V	V	V
10216	20DUPB	3/25/11	1535	Soil	5	V	V	V
10217	20DUPA	3/25/11	1425	Concrete	1		V	V

Bin #'s In/Out (For Lab Use Only)

Comments

+ MS/MSD
+ Duplicate

Relinquished by: Date / Time 3-25-11 1700
Print Name: Clayton Millard

Received by:
Print Name:
Date / Time

Relinquished by:
Print Name:
Date / Time

Received by:
Print Name:
Date / Time

Relinquished by:
Print Name:
Date / Time

Received by Laboratory
Print Name: Robert Fletcher
Date / Time 3/26/11 1000

10001

Lab Use Only

Custody Seals: Intact Broken Absent

Sample Rec'd in Good Condition?: Y N

Sample Temperature: 4 Degrees Celsius

INSPECTED BY:

COMMENTS:

Special Instructions:

CLIENT RETAINS YELLOW COPY ONLY

NYSDEC 058420

nytest environmental inc
(516) 625-5500 FAX: (516) 625-1274

Chain of Custody Record

page 1 of 2

Client Name: Northrop Grumman
Address:
Project Manager: Susan Andrichuk
Phone: 703 713 1500 FAX: 703 713 1512
Project Name: PLANT 20
Project Number:
P.O. #:
Analytical Protocol: Deliverables:
Sampled By: Clayton Millard

Login #: 30894
Ship to:
Nytest Environmental Inc.
60 Seaview Blvd
Port Washington N.Y. 11050
Attn.: Sample Control
Date Shipped:
Carrier:
Air Bill #:
Cooler #:
C of C #:
SDG #: 20-3
NEI QT #:

Analysis Requested

Lab ID (Lab Use Only)	Sample ID (Maximum of 6 Characters)	Date Sampled	Time Sampled	Sample Description	No. of Containers	VOCs	SVOCs	metals	TPHC	PCBs
1	20RS11	3-26-97	0935	soil	3	✓	✓	✓		
2	20RS12		0935		3	✓	✓	✓		
3	20DUC1		1100		3	✓	✓	✓		
4	20DUC2		1105		3	✓	✓	✓		
5	206A14		1300		3	✓			✓	✓
6	206A15		1305		3	✓			✓	✓
7	206A21		1430		3	✓			✓	✓
8	206A25		1500		3	✓			✓	✓
9	206B12		1645		3	✓			✓	✓
10	206B13		1650	✓	3	✓			✓	✓

Bin #'s In/Out (For Lab Use Only)

Comments: as per client Mark Colons 3/28 run Metals, VOA, BNA, GRO, PCB, Herbicides

Relinquished by:	Date / Time	Received by:	Date / Time
Print Name: Clayton Millard	3-26-97 1500	Print Name:	
Relinquished by:	Date / Time	Received by:	Date / Time
Print Name:		Print Name:	
Relinquished by:	Date / Time	Received by Laboratory:	Date / Time
Print Name:		Print Name: Robert Reiter	3/27/97 1500

Lab Use Only

Custody Seals: Intact Broken Absent
Sample Rec'd in ~~Good Condition~~?: Y N
Sample Temperature: 5 Degrees Celsius
INSPECTED BY:
COMMENTS:

Special Instructions:

CLIENT RETAINS YELLOW COPY ONLY

NYSDEC 058421

nytest environmental inc
(516) 625-5500 FAX: (516) 625-1274

Chain of Custody Record

page 2 of 2

Client Name: Northrop Grumman
Address:
Project Manager: Susan Andrachek
Phone: 703 713 1500 FAX: x 1512
Project Name: Plant 20 Phase II
Project Number:
P.O. #:
Analytical Protocol: Deliverables:
Sampled By: Clayton Millard

Analysis Requested

Lab ID (Lab Use Only)	Sample ID (Maximum of 6 Characters)	Date Sampled	Time Sampled	Sample Description	No. of Containers	TPHC	VOCs	PCBs
11	206C11	3-26-97	1735	Soil	3	V	V	V
12	206C13	3-26-97	1740			V	V	V

Bin #'s In/Out (For Lab Use Only)

Login #: 5084

Ship to:
Nytest Environmental Inc.
60 Seaview Blvd
Port Washington N.Y. 11050
Attn.: Sample Control

Date Shipped:
Carrier:
Air Bill #:
Cooler #:
C of C #:
SDG #: 20-3
NEI QT #:

Comments

MS, MSD, DUP added
DJ 3/28

Relinquished by:	Date / Time	Received by:	Date / Time
Print Name: Clayton Millard	3/26/97 1800	Print Name:	
Relinquished by:	Date / Time	Received by:	Date / Time
Print Name:		Print Name:	
Relinquished by:	Date / Time	Received by Laboratory:	Date / Time
Print Name:		Print Name: Brent Keith	3/27/97 0930

Lab Use Only

Custody Seals: Intact Broken Absent
Sample Rec'd in Good Condition?: Y N
Sample Temperature: 6 Degrees Celsius
INSPECTED BY:
COMMENTS:

Special Instructions:

CLIENT RETAINS YELLOW COPY ONLY

52000

NYSDEC 058422

RADIAN CORPORATION

Chain of Custody Record

Return Original to Originator
☒ Yes ☐ No

Project No.	Project Name
800298	NG Plant 3

Samplers (Name/Signature): Frank Lang FL

Field Number	Collection Date	Collection Time	Sample Name ID	No. of Bottles	PP Metals	Cyanide	TCL Volatiles	TCL Semi Volatiles	TPH GRO/TPH DRO	TCL PCBs	Mercury	Comments (Type of Container, Special Preservation, Special Handling, etc.)
	5/23/97	845	20-BS2B-S-1	1							✓	(QC pt) 5-27-97
			2	1							✓	
			3	1							✓	
			4	1							✓	
		905	20-BS2C-S-1	1							✓	
			2	1							✓	
			3	1							✓	
			4	1							✓	
		1000	20-03B-S-1	1							✓	
			2	1							✓	
			3	1							✓	
			4	1							✓	
		1020	20-03C-S-1	1							✓	
			2	1							✓	

Stevens Cooler I

Relinquished by: (Name/Signature)	Date/Time	Received by: (Name/Signature)	Date/Time	Carrier: (In person, Fed X, UPS, etc.)
Frank Lang FL	5/23/97 1550	D Breau	5/24/97 1030	AVO#
Relinquished by: (Name/Signature)	Date/Time	Received by: (Name/Signature)	Date/Time	Carrier: (In person, Fed X, UPS, etc.)
Relinquished by: (Name/Signature)	Date/Time	Received by: (Name/Signature)	Date/Time	Carrier: (In person, Fed X, UPS, etc.)

General Comments: Cooler = 5°C

Distribution: Original: Accompanies Samples (Return to Originator), Yellow Copy: Field Crew, Pink Copy: Laboratory Files

8-91-34019

000040

NYSDEC 058423

RADIAN CORPORATION

Chain of Custody Record

Return Original to Originator
X Yes ☐ No

Project No.	Project Name
800298	NG Plant 3

Samplers (Name/Signature)
Frank Lenz

Field Number	Collection Date	Collection Time	Sample Name ID	No. of Bottles	RP Metals	Cyanide	TCL Volatiles	TCL Semi Volatiles	TPH-GRO/TPH-DRO	TCL PCBs	Mercury	Comments (Type of Container, Special Preservation, Special Handling, etc.)
	5/23/97	1020	20-03C-S-3	1							✓	Steve Table I
		↓	↓ 4	1							✓	
		1115	20-05B-S-1	1								✓ (RC pt) 5/27-97
		↓	↓ 2	1								✓
		↓	↓ 3	1								✓
		1340	20-04B-S-1	1								✓
		↓	↓ 2	1								✓
		↓	↓ 3	1								✓
		↓	↓ 4	1								✓
		1405	20-03D-S-1	1							✓	
		↓	↓ 2	1							✓	
		↓	↓ 3	1							✓	
	↓	↓	↓ 4	1							✓	

Relinquished by: (Name/Signature)	Date/Time	Received by: (Name/Signature)	Date/Time	Carrier: (In person, Fed X, UPS, etc.)
Frank Lenz	5/23/97 1500	D Breau	5/24/97 1030	A/B #
Relinquished by: (Name/Signature)	Date/Time	Received by: (Name/Signature)	Date/Time	Carrier: (In person, Fed X, UPS, etc.)
Relinquished by: (Name/Signature)	Date/Time	Received by: (Name/Signature)	Date/Time	Carrier: (In person, Fed X, UPS, etc.)

General Comments:
Cooler = 5°C

8-81-34019

Distribution: Original: Accompanies Samples (Return to Originator), Yellow Copy: Field Crew, Pink Copy: Laboratory Files

96000

RECRA LABNET, a division of Recra Environmental, Inc.

CHAIN OF CUSTODY RECORD

PROJECT NO	SITE NAME
800	Northrop Grumman

SAMPLERS (SIGNATURE): MARK COLONNA / Mark C

STATION NO	DATE	TIME	COMP	GRAB	STATION LOCATION	NO OF CONTAINERS	STARS - 8201 - (Total TCLP)	STARS - 8260 - (Total/TCLP)	Mercury	REMARKS
~~ST~~	~~5/27~~			X	ST-01C-1	2	X	X		
~~ST~~	~~5/27~~			X	ST-01C-2	2	X	X		
~~ST~~	~~5/27~~			X	ST-01C-2	2	X	X		Duplicate
~~ST~~	~~5/27~~			X	ST-01C-3	4	X	X		Sample for MS/MSD
~~ST~~	~~5/27~~			X	ST-01C-4	2	X	X		
~~ST~~	~~5/27~~			X	ST-01C-5	2	X	X		
~~ST~~	~~5/27~~			X	ST-01C-6	2	X	X		
~~ST~~	~~5/27~~			X	ST-01C-7	2	X	X		
20	5/27			X	20-RS2D-1	1			X	(QC pt) DO 5-28-97
20	5/27			X	20-RS2D-2	1			X	
20	5/27			X	20-RS2D-3	1			X	
20	5/27			X	20-RS2D-4	1			X	
20	5/27			X	20-RS2E-1	1			X	
20	5/27			X	20-RS2E-2	1			X	

RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
Mark C	5/27 6PM				
RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED FOR LABORATORY BY (SIGNATURE)	DATE/TIME	REMARKS	
			5/28/97 1000	Cooler = 6°C	

Distribution: Original accompanies shipment copy to coordinator field files

000024

RADIAN CORPORATION

Chain of Custody Record

Return Original to Originator
☒ Yes ☐ No

Project No.	Project Name
800~~298~~	NG ~~Plant 3~~

Samplers (Name/Signature)
MARK COLONNA / Mark C

Field Number	Collection Date	Collection Time	Sample Name ID	No. of Bottles	ANALYSES: Mercury	Reactivity	Cyanide	TCL Volatiles	TCL Semivolatiles	TPH GRO/TPH DRO	TAL Pesticides/PCBs	Comments (Type of Container, Special Preservation, Special Handling, etc.)
			20-RS2E-3	1	X							
			20-RS2E-4	1	X							

Relinquished by: (Name/Signature)	Date/Time	Received by: (Name/Signature)	Date/Time	Carrier: (In person, Fed X, UPS, etc.)
Mark C	5/27/6PM	D. BREAM D Bream	5/28/97 1000	AB#
Relinquished by: (Name/Signature)	Date/Time	Received by: (Name/Signature)	Date/Time	Carrier: (In person, Fed X, UPS, etc.)
Relinquished by: (Name/Signature)	Date/Time	Received by: (Name/Signature)	Date/Time	Carrier: (In person, Fed X, UPS, etc.)

General Comments:
Cooler = 6°C

8-91-34019

Distribution: Original: Accompanies Samples (Return to Originator), Yellow Copy: Field Crew, Pink Copy: Laboratory Files

S26000

RADIAN CORPORATION

Chain of Custody Record

STMS 8270 STMS 8201

Return Original to Originator: ☒ Yes ☐ No

Project No.	Project Name	Samplers (Name/Signature)
800298	~~[illegible]~~ Northrop Grumman Plant 20	MARK COLONNA/Mark C Plant 17N

Field Number	Collection Date	Collection Time	Sample ~~Name~~ ID	No. of Bottles	Arsenic	Chromium	Zinc	Mercury	TCL Semivolatiles	TCL Volatiles	TCL Pesticides/PCBs	Comments (Type of Container, Special Preservation, Special Handling, etc.)
	5/27		20-06D-1	2						X	X	
			20-06D-2	2						X	X	
			20-06D-3	4						X	X	Duplicate also
			20-06D-4	4						X	X	MS/MSD also
			20-06D-5	2						X	X	
			20-06D-6	2						X	X	
			20-06D-7	2						X	X	
			17N-12B-B1	1	X	X	X					
			17N-12B-B2	1	X	X	X					
			17N-12B-B3	1	X	X	X					
			17N-12B-C1	1	X	X	X					
			17N-12B-C2	2	X	X	X					~~Duplicate also~~
			17N-12B-C3	1		X						
			17N-12B-D1	2	X	X	X					~~MS/MSD also~~

Relinquished by: (Name/Signature)	Date/Time	Received by: (Name/Signature)	Date/Time	Carrier: (In person, Fed X, UPS, etc.)
Mark C	5/27 1615	D Brean	5/28/97 1000	A/B#
Relinquished by: (Name/Signature)	Date/Time	Received by: (Name/Signature)	Date/Time	Carrier: (In person, Fed X, UPS, etc.)
Relinquished by: (Name/Signature)	Date/Time	Received by: (Name/Signature)	Date/Time	Carrier: (In person, Fed X, UPS, etc.)

General Comments: Cooler = 6°C

8-91-34019

Distribution: Original: Accompanies Samples (Return to Originator), Yellow Copy: Field Crew, Pink Copy: Laboratory Files

960000

Appendix D

DATA VALIDATION REPORTS

INTRODUCTION

This appendix summarizes the results of data validation performed on data from samples collected at Plant 20. A review of sample custody, laboratory performance and basic quality control parameters was conducted on 100% of the samples from three sample delivery groups (SDG). This included review of accuracy information from matrix spike/matrix spike duplicate (MS/MSD) samples, blank spikes and surrogates; precision information from MS/MSD sample, and field and laboratory duplicate sets; initial and continuing calibration performance; instrument tune and internal standard information for GC/MS analyses; and method and instrument blank contamination. Additionally, 20% of the samples from each SDG received a full review including documentation, completeness, and transcription and calculation checks.

Data validation was based on the quality control (QC) criteria documented in the methods listed above, the laboratory QC criteria, Region II Functional Guidelines (1992) and National Functional Guidelines (1994). Data qualities were assigned according to the Region II and National Functional Guidelines.

General Findings

Several of the Laboratory Narratives and NYSDEC Forms submitted by NEI did not accurately summarize the submitted data. Some corrected Narratives were resubmitted by the laboratory to EcoChem and Radian upon the request of Steve Falatko of Radian. Since this was a documentation and completeness issue which did not affect data quality, no action was taken other than to note the inaccuracies in the data validation worksheets.

Qualifiers were assigned according to Region II Functional Guidelines or National Functional Guidelines. Some TPH gasoline data were rejected because of poor integration and subsequent low bias of reported results. The percent completeness was 95 percent. The majority of the qualified data were qualified as estimated on the basis of: calibration outliers; discrete surrogate

percent recovery (%R) value and internal standard outliers; and, for metals, matrix spikes, and serial dilution outliers. In addition, several positive results for GC/MS analyses were qualified as non-detected because of common laboratory contaminants present in the method blanks.

METHOD REFERENCES

U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, November 1996. *Test Methods for Evaluating Solid Water, Physical/Chemical Methods, SW-846, 3rd Edition.* Washington, DC.

New York State Department of Environmental Conservation, 1991. *Analytical Services Protocol,* New York.

U.S. Environmental Protection Agency, *Contract Laboratory Program Organics Data Review, Revision 8; Region II guidelines.*

U.S. Environmental Protection Agency, *Contract Laboratory Program Metals Data Review, Revision 8; Region II guidelines.*

U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, February 1994. *National Functional Guidelines for Organic Data Review.* Washington, D.C.

Appendix D.1

INITIAL SAMPLING EVENT

DATA VALIDATION REPORT
Northrop Grumman Plant 20
Volatile Organic Compounds
Matrix: Soil
SDG Nos.: 20-1, 20-3

This report documents the review of analytical data from the analysis of soil samples for volatile organic compounds by Nytest Environmental, Inc. The samples that received a full review including calculations, transcriptions, and compound identification are indicated in the **Sample Index**.

I. CCS/COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed contract-required corrective action processes, and anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

- Technical Holding Times
- GC/MS Instrument Performance Check
- Initial Calibration
- * Continuing Calibration
- * Blanks (Method)
- Surrogate Compounds
- * Matrix Spikes/Matrix Spike Duplicates
- Laboratory Control Samples
- Internal Standards
- Field Duplicates
- Compound Quantitation and Certified Reporting Limits (CRL)
- * Tentatively Identified Compounds (TIC)
- Calculation and Transcription Checks

Those items marked with an asterisk (*) did not meet all specified QC criteria and are discussed below. QC items not marked with an asterisk meet all QC criteria. Qualified data are summarized in **APPENDIX B**.

Continuing Calibration

In several continuing calibration analyses, the percent difference (%D) values for several compounds were outside the control limit of ±25%. For compounds with a %D value outside the

±25% criterion, results were qualified as estimated (J/UJ-5B). The outlying compounds and qualifiers are listed in the Data Validation Worksheets.

Blanks (Method)

For target compounds detected in the method blanks, action levels were established at ten times the concentration for common laboratory contaminants (toluene, methylene chloride, acetone, and 2-butanone) as a basis for evaluating associated sample results. Action levels of five times the blank concentration were established for other compounds. Results that were less than the action levels were qualified as not-detected (U-7) in associated samples for results that were elevated to the reporting limit.

Matrix Spike/Matrix Spike Duplicates

For SDG 20-1, matrix spike/matrix spike duplicate (MS/MSD) analyses were performed on Sample 2001A1. Although all spiking compounds were reported with relative percent difference (RPD) values greater than QC limits, no action was taken as the percent recovery (%R) values for these outlying compounds were within QC limits.

Tentatively Identified Compounds (TIC)

Common laboratory contaminants reported as TIC (for example, siloxanes) were rejected (R-14). All remaining TIC were qualified as estimated (JN-14).

Overall Assessment

On the basis of this evaluation, the laboratory followed the specified analytical method. The MS/MSD relative percent difference (RPD) results indicated acceptable laboratory precision, except as noted above. Accuracy is also acceptable, as demonstrated by the surrogate, MS/MSD, and laboratory control sample (LCS) spike recovery results.

Data were qualified because of calibration outliers and blank contamination.

The data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
Northrop Grumman Plant 20
Semivolatile Organic Compounds
Matrix: Soil
SDG Nos.: 20-1 and 20-3

This report documents the review of analytical data from the analysis of soil samples for semivolatile organic compounds by Nytest Environmental, Inc. The samples that received a full review including calculations, transcriptions, and compound identification are indicated in the **Sample Index**.

I. CCS/COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed contract-required corrective action processes, and anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

- Technical Holding Times
- GC/MS Instrument Performance Check
- * Initial Calibration
- * Continuing Calibration
- * Blanks (Method)
- * Surrogate Compounds
- * Matrix Spikes/Matrix Spike Duplicates
- Laboratory Control Samples
- Internal Standards
- Field Duplicates
- Compound Quantitation and Certified Reporting Limits (CRL)
- * Tentatively Identified Compounds (TIC)
- Calculation and Transcription Checks

Those items marked with an asterisk (*) did not meet all specified QC criteria and are discussed below. QC items not marked with an asterisk meet all QC criteria. Qualified data are summarized in **APPENDIX B**.

Initial Calibration

In initial calibrations for all SDG, the percent relative standard deviation (%RSD) values for several compounds were outside the control limit of 30%. Associated sample results were qualified according to the following table.

%RSD Value	Action for Positive Results	Action for Not Detected Results
30% < %RSD ≤ 50%	J-5A	No Action
50% < %RSD ≤ 90%	J-5A	UJ-5A
90% < %RSD	J-5A	R-5A

The outlying compounds and qualifiers are listed in the Data Validation Worksheets.

SDG 20-3

In initial calibration analyses, the relative response factor for a compound was less than the QC criterion of 0.05; positive results were qualified as estimated (J-5A) and those not detected were qualified as rejected (R-5A) for the outlying compound in associated samples.

Continuing Calibration

In several continuing calibration analyses, the percent difference (%D) values for several compounds were outside the control limit of ±25%. For compounds with a %D value outside the ±25% criterion, results were qualified as estimated (J/UJ-5B). The outlying compounds and qualifiers are listed in the Data Validation Worksheets.

Blanks (Method)

For unknown (non-target) compounds detected in a method blank, an action level was established at five times the concentration as a basis for evaluating associated sample results. In associated samples, results less than the action level were qualified as rejected (R-7).

For target compounds detected in the method blanks, action levels were established at ten times the concentration for phthalate esters (common laboratory contaminants) as a basis for evaluating associated sample results. Results that were less than the action levels were qualified as not-detected (U-7) in associated samples for results that were elevated to the reporting limit..

Surrogate Compounds

For SDG 20-3, two or more acid or base/neutral surrogate compound percent recovery (%R) values were less than QC limits for Samples 2001C1 and 2001C2. The samples were re-extracted and re-analyzed. The original analyses should not be reported and were qualified as do-not-report (DNR-14). The surrogate %R values were within QC limits for Sample 2001C1 RE. Two acid surrogate %R values were greater than QC limits for Sample 2001C2 RE; however, since no positive acid results were reported in this sample, no action was taken.

Matrix Spike/Matrix Spike Duplicates

For SDG 20-1, matrix spike/matrix spike duplicate (MS/MSD) analyses were performed using Sample 2001A1. Although three RPD values were greater than QC limits, no action was taken as the %R values for these outlying compounds were within QC limits.

Tentatively Identified Compounds (TIC)

Common laboratory contaminants reported as tentatively identified compounds (TIC) (for example, aldols) were rejected (R-14). All remaining TIC were qualified as estimated (JN-14).

Overall Assessment

On the basis of this evaluation, the laboratory followed the specified analytical method. The MS/MSD relative percent difference (RPD) results indicated acceptable laboratory precision, with exceptions noted above. Accuracy is also acceptable, as demonstrated by the surrogate, MS/MSD, and laboratory control sample (LCS) spike recovery results, with exceptions noted above.

Data were qualified because of calibration outliers, blank contamination, and surrogate outliers in original analyses.

Data that were rejected are not usable for any purposes. All other data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
Northrop Grumman Plant 20
Polychlorinated Biphenyl Compounds
Matrix: Soil
SDG Nos.: 20-1 and 20-3

This report documents the review of analytical data from the analysis of soil samples for polychlorinated biphenyl compounds by Nytest Environmental, Inc. The samples that received a full review including calculations, transcriptions, and compound identification are indicated in the **Sample Index**.

I. CCS/COMPLETENESS

Most contract-required deliverables were submitted by the laboratory. Missing data for re-extractions were submitted upon request by the reviewer. The laboratory followed contract-required corrective action processes and all anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

* Technical Holding Times
  Initial Calibration
* Continuing Calibration
  Blanks (Method and Field)
  Surrogate Compounds
  Matrix Spikes/Matrix Spike Duplicates
  Laboratory Control Samples
  Field Duplicates
  Compound Quantitation and Contract-Required Quantitation Limits (CRQL)
  Calculation and Transcription Checks

Those items marked with an asterisk (*) did not meet all specified QC criteria and are discussed below. QC items not marked with an asterisk meet all QC criteria. Qualified data are summarized in **APPENDIX B**.

Technical Holding Times

In SDG 20-1, Sample 2001A1 (designated for MS/MSD) and Sample 2001A2 (designated for field duplicate) were not extracted on 3/27/97 with the rest of the samples in this SDG. Only the related QC Samples (2001A1 MS/MSD and 2001A2 Dup) were extracted. A re-extraction was performed 3 days outside of the 7-day holding time criterion on 4/4/97 for Samples 2001A1,

2001A1 MS/MSD, 2001A2 and 2001A2 Dup. There were not any positive results for PCBs. Results for the re-extracted samples were qualified as estimated (UJ-1). Since the matrix spike/matrix spike duplicate (MS/MSD) data from the 3/27/97 extraction can be used to demonstrate precision and surrogate recovery values can be used to demonstrate accuracy, no further action was taken. The results from the 3/27/97 extraction of Sample 2001A2 Dup should be used for Sample 2001A2. The re-extraction is used only to demonstrate field precision.

Continuing Calibration

The percent difference (%D) for a few Aroclor quantitation peaks were outside the ±25% control limits. Since there were not any positive results in associated samples, no action was taken.

Overall Assessment

On the basis of this evaluation, the laboratory followed the specified analytical method.

Accuracy was acceptable, as demonstrated by the compliant percent recovery (%R) values of laboratory control sample (LCS) and matrix spiking compounds, and most of the surrogate spiking compounds. The precision was acceptable, as demonstrated by the low relative percent difference (RPD) values for the MS/MSD set.

Data were qualified as a result of exceeded holding times.

The data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
Northrop Grumman Plant 20
Priority Pollutant Metals
Matrix: Soil
SDG Nos.: 20-1 and 20-3

This report documents the review of analytical data from the analysis of soil samples for priority pollutant metals by Nytest Environmental, Inc. The samples that received a full review including calculations, transcriptions, and compound identification are indicated in the **Sample Index**.

I. CCS/COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed contract-required corrective action processes and all anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

- Technical Holding Times
- * Initial Calibration
- Initial and Continuing Calibration Verification
- Blanks (Method and Field)
- Laboratory Control Samples (LCS)
- * Duplicate Sample
- * Spiked Sample Analysis
- ICP Interference Check Sample
- * ICP Serial Dilution (ICP only)
- Sample Result Quantitation and Contract-Required Detection Limits (CRDL)
- Calculation and Transcription Checks

Those items marked with an asterisk (*) did not meet all specified QC criteria and are discussed below. QC items not marked with an asterisk meet all QC criteria. Qualified data are summarized in **APPENDIX B**.

Initial Calibration

The contract required detection limit (CRDL) standard percent recovery (%R) values in the initial calibration for lead, selenium, thallium and zinc in SDG 20-1 and 20-3 were outside QC limits of 80% to 120%. Associated samples with results within the affected range (two times the

CRDL ± two times the CRDL) were qualified as estimated (UJ-5A/J-5A) as directed by Region II modifications to National Functional Guidelines.

Duplicate Sample

The laboratory sample/laboratory duplicate sample relative percent difference (RPD) value was greater than the QC limit of 100% for lead in SDG 20-3. All associated sample lead results were qualified as estimated (UJ/J-9).

Spiked Sample Analysis

The spike percent recovery (%R) values were outside the QC limits of 75% to 125% for antimony, chromium, copper, lead, silver, and zinc in SDG 20-3. Results in associated samples with a spike %R value outside the control limits were qualified as estimated (UJ/J-8).

ICP Serial Dilution (ICP Only)

ICP serial dilution (ICP Only)The ICP serial dilution percent difference (%D) values were greater than QC limits of 10% for chromium, lead and zinc in SDG 20-1, and cadmium, chromium and zinc in SDG 20-3. Positive results greater than 10 times the instrument detection limits for these analytes in associated samples were qualified as estimated (J-16).

Overall Assessment

On the basis of this evaluation, the laboratory followed the specified method.

Precision was acceptable, as demonstrated by most of the relative percent difference (RPD) values of the laboratory sample/duplicate analyses. Accuracy was acceptable, as demonstrated by the laboratory control sample and most of the spiked sample percent recovery values.

Qualification of sample results was required because of initial calibration (CRDL) %R outliers, laboratory sample/duplicate RPD values outliers, spiked sample %R outliers, and serial dilution %D outliers.

The data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
Northrop Grumman Plant 20
Gasoline Range Organic Compounds
Matrix: Soil
SDG Nos.: 20-1 and 20-3

This report documents the review of analytical data from the analysis of soil samples for gasoline range organic compounds by Nytest Environmental, Inc. The samples that received a full review including calculations, transcriptions, and compound identification are indicated in the **Sample Index**.

I. CCS/COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed contract-required corrective action processes and all anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

- Technical Holding Times
- Initial Calibration
- Continuing Calibration
- Blanks (Method and Field)
- Surrogate Compounds
- * Matrix Spikes/Matrix Spike Duplicates
- Laboratory Control Samples
- Field Duplicates
- * Compound Quantitation and Contract-Required Quantitation Limits (CRQL)
- Calculation and Transcription Checks

Those items marked with an asterisk (*) did not meet all specified QC criteria and are discussed below. QC items not marked with an asterisk meet all QC criteria. Qualified data are summarized in **APPENDIX B**.

Matrix Spikes/Matrix Spike Duplicates

For SDG 20-3, a matrix spike/matrix spike duplicate (MS/MSD) was performed on Sample 206C13. The relative percent difference (RPD) value was outside the control limit of 20% at 22%. Results for associated samples were judged not to be affected and no action was taken.

Compound Quantitation and Contract-Required Quantitation Limits

All standard and sample gasoline range organics in all SDG were quantified from "valley to valley" of individual analyte peaks instead of by use of the conventional fuels analysis technique of forced baseline integration. The use of "valley to valley" integration does not affect sample results that are less than the contract-required quantitation limits (CRQL), but can result in a low bias for samples which contain reportable quantities of gasoline range organics. Because fuels can contain potentially hundreds of chemical compounds, chromatographic columns are not able to adequately resolve these analytes down to the column baseline at standard gas chromatographic run times. If standards or samples are quantitated from the valley between two analyte peaks, this can leave a substantial area beneath the chromatogram that is not quantified and reported. In cases such as this where gasoline range organics are reported above the CRQL and a significant area of the gasoline range organics (commonly referred to as a petroleum hydrocarbon "hump") was not quantified, the data were judged not-reportable and were qualified as rejected (R-14).

SDG 20-1

The gasoline range organic compound concentration was qualified as rejected (R-14) in Samples 20052 and 20042 because a significant portion of each chromatogram was not quantified.

SDG 20-3

The gasoline range organic compound concentration was qualified as rejected (R-14) in Sample 206B13 because a significant portion of the chromatogram was not quantified. The gasoline range organic compound concentration in Sample 206A14 was qualified as estimated (J-14) because a small portion of the chromatogram was not quantified.

Overall Assessment

On the basis of this evaluation, the laboratory followed the specified analytical method. The MS/MSD relative percent difference (RPD) results indicated acceptable laboratory precision. Accuracy is also acceptable, as demonstrated by the surrogate, MS/MSD, and laboratory control sample (LCS) spike recovery results.

Data were rejected because of improper quantitation of detectable levels of gasoline range organics.

Data were qualified for presumed bias in sample quantitation.

Data that are rejected should not be used for any purpose. All other data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
Northrop Grumman Plant 20
Diesel Range Organic Compounds
Matrix: Soil
SDG Nos.: 20-1 and 20-3

This report documents the review of analytical data from the analysis of soil samples for diesel range organic compounds by Nytest Environmental, Inc. The samples that received a full review including calculations, transcriptions, and compound identification are indicated in the **Sample Index**.

I. CCS/COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed contract-required corrective action processes and all anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

- Technical Holding Times
- Initial Calibration
- Continuing Calibration
- Blanks (Method and Field)
- * Surrogate Compounds
- * Matrix Spikes/Matrix Spike Duplicates
- Laboratory Control Samples
- Field Duplicates
- Compound Quantitation and Certified Reporting Limits (CRL)
- Calculation and Transcription Checks

Those items marked with an asterisk (*) did not meet all specified QC criteria and are discussed below. QC items not marked with an asterisk meet all QC criteria. Qualified data are summarized in **APPENDIX B**.

Surrogate Compounds

For SDG 20-1, the surrogate compound *o-terphenyl* percent recovery (%R) value was less than the QC lower limit for Sample 20031. The diesel range organics reported in this sample were qualified according to the following table.

Outlier Value	Action for Positive Results	Action for Not Detected Results
%R < LCL	J-13	UJ-13

LCL = Lower Control Limit

Matrix Spike/Matrix Spike Duplicates

In SDG 20-3, a matrix spike/matrix spike duplicate (MS/MSD) was performed using Sample 206C13. The percent recovery (%R) value for the MS and the relative percent difference (RPD) value were greater than the upper control limits. Since there were not any positive results in associated samples, and the reporting limits were judged not to be affected, no action was taken.

Overall Assessment

On the basis of this evaluation, the laboratory followed the specified analytical method. The MS/MSD RPD results indicated acceptable laboratory precision. Accuracy is also acceptable, as demonstrated by the most of the surrogate, MS/MSD, and laboratory control sample (LCS) spike recovery results.

Data were qualified because of surrogate outliers.

The data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
Northrop Grumman Plant 20
Glycols
Matrix: Soil
SDG Nos.: 20-1 and 20-3

This report documents the review of analytical data from the analysis of soil samples for glycols by Nytest Environmental, Inc. The samples that received a full review including calculations, transcriptions, and compound identification are indicated in the **Sample Index**.

I. CCS/COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed contract-required corrective action processes, and all anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

* Technical Holding Times
  Initial Calibration
* Continuing Calibration
  Blanks (Method and Field)
* Surrogate Compounds
* Matrix Spikes/Matrix Spike Duplicates
  Laboratory Control Samples
  Field Duplicates
  Contract-Required Quantitation Limits (CRQL)
  Calculation and Transcription Checks

Those items marked with an asterisk (*) did not meet all specified QC criteria and are discussed below. QC items not marked with an asterisk meet all QC criteria. Qualified data are summarized in **APPENDIX B**.

Technical Holding Times

For SDG 20-1, all samples were extracted one day past the 14-day required holding time. There were not any positive results in associated samples. Reporting limits were qualified as estimated (UJ-1).

Continuing Calibration

The percent difference (%D) for some compounds in the continuing calibrations were outside the ±25% control limits. Since there were not any positive results in associated samples, no action was taken.

Surrogate Compounds

Surrogates were not used for this method; therefore, sample-specific accuracy information is not available. See **Matrix Spike/Matrix Spike Duplicates** for accuracy data.

Matrix Spikes/Matrix Spike Duplicates

SDG 20-1

A matrix spike/matrix spike duplicate (MS/MSD) was performed using Sample 20RS21. The relative percent difference (RPD) value for both compounds was greater than the control limit. Since there were not any positive results in associated samples and the reporting limits were judged not to be affected, no action was taken.

SDG 20-3

A MS/MSD was not performed using a sample from this SDG. A Form III was provided for Sample 20RS2 MS/MSD from SDG 20-1. The RPD value for both compounds was greater than the control limit. Since there were not any positive results in associated samples and the reporting limits were judged not to be affected, no action was taken.

Overall Assessment

On the basis of this evaluation, the laboratory followed the specified analytical method.

Accuracy was acceptable, as demonstrated by the compliant percent recovery (%R) values of laboratory control sample (LCS) and matrix spiking compounds. Precision was acceptable, as demonstrated by the field duplicate pair.

Data was qualified as a result of holding time exceedences.

The data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
Northrop Grumman Plant 20
Semivolatile Organic Compounds
Matrix: Concrete
SDG No.: 20-2

This report documents the review of analytical data from the analysis of concrete samples for semivolatile organic compounds by Nytest Environmental, Inc. The samples that received a full review including calculations, transcriptions, and compound identification are indicated in the **Sample Index**.

I. CCS/COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed contract-required corrective action processes, and anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

- Technical Holding Times
- GC/MS Instrument Performance Check
- * Initial Calibration
- * Continuing Calibration
- * Blanks (Method)
- Surrogate Compounds
- * Matrix Spikes/Matrix Spike Duplicates
- Laboratory Control Samples
- Internal Standards
- Field Duplicates
- * Compound Quantitation and Contract-Required Quantitation Limits (CRQL)
- * Tentatively Identified Compounds (TIC)
- Calculation and Transcription Checks

Those items marked with an asterisk (*) did not meet all specified QC criteria and are discussed below. QC items not marked with an asterisk meet all QC criteria. Qualified data are summarized in **APPENDIX B**.

Initial Calibration

In initial calibrations, the percent relative standard deviation (%RSD) values for several compounds were outside the control limit of 30%. Associated sample results were qualified according to the following table.

%RSD Value	Action for Positive Results	Action for Not Detected Results
30% < %RSD ≤ 50%	J-5A	No Action
50% < %RSD ≤ 90%	J-5A	UJ-5A

The outlying compounds and qualifiers are listed in the Data Validation Worksheets.

Continuing Calibration

In several continuing calibration analyses, the percent difference (%D) values for several compounds were outside the control limit of ±25%. For compounds with a %D value outside the ±25% criterion, results were qualified as estimated (J/UJ-5B). The outlying compounds and qualifiers are listed in the Data Validation Worksheets.

Blanks (Method)

For unknown (non-target) compounds detected in a method blank, an action level was established at five times the concentration as a basis for evaluating associated sample results. In associated samples, results less than the action level were qualified as rejected (R-7).

For target compounds detected in the method blanks, action levels were established at ten times the concentration for phthalate esters (common laboratory contaminants) as a basis for evaluating associated sample results. Results that were less than the action levels were qualified as not-detected (U-7) in associated samples for results that were elevated to the reporting limit.

Matrix Spike/Matrix Spike Duplicates

Matrix spike/matrix spike duplicate (MS/MSD) analyses were performed using Sample 2001AC. Because both the MSD percent recovery (%R) value and the relative percent difference (RPD) value for 4-chloro-3-methylphenol were outside QC limits, 4-chloro-3-methylphenol results in samples in this SDG were qualified as estimated (J/UJ-8,9). Also, because the MS and MSD %R values for pentachlorophenol were less than QC limits, pentachlorophenol results were qualified as estimated (J/UJ-8). Although the RPD value was greater than QC limits for acenaphthene, no action was taken as %R values for acenaphthene were within QC limits.

Compound Quantitation and Contract-Required Quantitation Limits (CRQL)

Several compounds were reported at concentrations greater than the linear range of the instrument in Sample 2001ACD; these results should not be reported and were qualified as do-not-report (DNR-20). This sample was diluted by a factor of five and reanalyzed. Results not reported in the original analysis should be reported from the diluted analysis; all remaining compounds in the diluted analysis should not be reported and were qualified as do-not-report (DNR-14); use the results from the original analysis for assessing data quality.

Tentatively Identified Compounds (TIC)

Common laboratory contaminants reported as tentatively identified compounds (TIC) (for example, aldols) were rejected (R-14). All remaining TIC were qualified as estimated (JN-14).

Overall Assessment

On the basis of this evaluation, the laboratory followed the specified analytical method. The MS/MSD relative percent difference (RPD) results indicated acceptable laboratory precision, with exceptions noted above. Accuracy is also acceptable, as demonstrated by the surrogate, MS/MSD, and laboratory control sample (LCS) spike recovery results, with exceptions noted above.

Data were qualified because of calibration outliers, blank contamination, and compounds exceeding calibration range.

Data that were rejected are not usable for any purposes. All other data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
Northrop Grumman Plant 20
Priority Pollutant Metals
Matrix: Concrete
SDG No.: 20-2

This report documents the review of analytical data from the analysis of concrete samples for priority pollutant metals by Nytest Environmental, Inc. The samples that received a full review including calculations, transcriptions, and compound identification are indicated in the **Sample Index**.

I. CCS/COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed contract-required corrective action processes and all anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

Technical Holding Times
Initial Calibration
Initial and Continuing Calibration Verification
Blanks (Method and Field)
Laboratory Control Samples (LCS)
* Duplicate Sample
* Spiked Sample Analysis
ICP Interference Check Sample
* ICP Serial Dilution (ICP only)
Sample Result Quantitation and Contract-Required Detection Limits (CRDL)
Calculation and Transcription Checks

Those items marked with an asterisk (*) did not meet all specified QC criteria and are discussed below. QC items not marked with an asterisk meet all QC criteria. Qualified data are summarized in **APPENDIX B**.

Duplicate Sample

The laboratory sample/laboratory duplicate sample relative percent difference (RPD) was greater than the QC limit of 100% for lead. All associated sample results for lead were qualified as estimated (UJ/J-9).

The field sample/field duplicate relative percent difference (RPD) was greater than the QC limit of 100% for lead. All associated sample results for lead were qualified as estimated (J-14).

Spiked Sample Analysis

The spike percent recovery (%R) values were outside the QC limits of 75% to 125% for antimony, chromium, copper, lead, silver and zinc in. Results in associated samples with a spike %R outside the control limits were qualified as estimated (UJ/J-8).

ICP Serial Dilution (ICP Only)

The ICP serial dilution percent difference (%D) values were greater than QC limits of 10% for cadmium, chromium and zinc in. Positive results greater than 10 times the instrument detection limits for these analytes in associated samples were qualified as estimated (J-16).

Overall Assessment

On the basis of this evaluation, the laboratory followed the specified method.

Precision was acceptable, as demonstrated by most of the RPD values of the laboratory sample/duplicate analyses. Accuracy was acceptable, as demonstrated by the laboratory control sample and most of the spiked sample percent recovery values.

Qualification of sample results was required because of laboratory sample/duplicate and field sample/duplicate RPD value outliers, spiked sample %R outliers, and serial dilution %D outliers.

The data, as qualified, are acceptable for use.

Appendix D.2

SECONDARY SAMPLING EVENT

DATA VALIDATION REPORT
Northrop Grumman Plant 20
STARS Volatile Organics
Matrix: Soil
SDG No.: 2004BS

This report documents the review of analytical data from the analyses of soil samples for volatile organic compounds by Recra Environmental, Inc. All samples which were analyzed in this SDG and for which data were evaluated are listed in **Appendix A**. The samples that received full validation including calculations, transcriptions, and compound identification are also listed in **Appendix A**.

I. COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed contract-required corrective action processes.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

Technical Holding Times
GC Instrument Performance Check
Initial Calibration
Initial and Continuing Calibration Verification
Blanks (Method)
Surrogate Compounds
Laboratory Control Samples (LCS)
Matrix Spike/Matrix Spike Duplicates (MS/MSDs)
Field Duplicates
Compound Quantitation and Certified Reporting Limits (CRL)
Calculation and Transcription Checks (for 20% of the field samples)

Those items marked with an asterisk (*) did not meet all specified QC criteria and are discussed below. QC items not marked with an asterisk meet all QC criteria. No data required qualification based on QC results.

Overall Assessment

On the basis of this evaluation, the laboratory followed the specified method and the data are acceptable for use.

Precision was acceptable, as demonstrated by the RPD values of the MS/MSD analysis. Accuracy was acceptable, as demonstrated by the surrogate, LCS, and MS/MSD spike recovery results.

Several sample were reanalyzed due to napthalene carryover. Four samples (20-05B-S-2, 20-05B-S03, 20-04B-S-1 and 20-06D-6) also showed low level detections of naphthalene in the reanalysis (3.6, 1.7, 1.30 and 4.5 ug/kg, respectively). It was not possible to compare the reported results with the results of the original analysis, so it is not possible to determine if these results are significantly different from those from the original analysis.

These data points were not qualified because the method blank associated with the reanalysis was free of naphthalene contamination. However, because the laboratory was having problems with napthalene carryover during the time frame when these samples were analyzed, these data points could be false positives or could contain high bias. This should be taken into account when using the data.

APPENDIX A

SAMPLE INDEX

SDG	Sample	Matrix	STARS VOC	SVOC	PCB	TPH-Fuel	TPH-Gas	Pest	PP metals	Cyanide
2004BS	20-04B-S-1	soil	√ *							
2004BS	20-04B-S-2	soil	√							
2004BS	20-04B-S-3	soil	√							
2004BS	20-04B-S-4	soil	√							
2004BS	20-05B-S-1	soil	√ * (MS)							
2004BS	20-05B-S-2	soil	√							
2004BS	20-05B-S-3	soil	√							
2004BS	20-06D-1	soil	√							
2004BS	20-06D-2	soil	√							
2004BS	20-06D-3	soil	√							
2004BS	20-06D-4	soil	√							
2004BS	20-06D-5	soil	√							
2004BS	20-06D-6	soil	√ *							
2004BS	20-06D-7	soil	√							

* Indicates that level 4 validation was performed on this sample.

DATA VALIDATION REPORT
Northrop Grumman Plant 20
STARS Semivolatile Organic Compounds
Matrix: Soil
SDG No.: 2004BS

This report documents the review of analytical data from the analyses of soil samples for semivolatile organic compounds by Recra Environmental, Inc. All samples which were analyzed in this SDG and for which data were evaluated are listed in **Appendix A**. The samples that received full validation including calculations, transcriptions, and compound identification are also listed in **Appendix A.**

I. COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed contract-required corrective action processes.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

Technical Holding Times
GC/MS Instrument Performance Check
*Initial Calibration
*Continuing Calibration Verification
Blanks (Method)
*Surrogate Compounds
Laboratory Control Samples (LCS)
*Matrix Spike/Matrix Spike Duplicates (MS/MSDs)
*Internal Standards
Field Duplicates (none were submitted for analysis as part of this SDG)
Compound Quantitation and Certified Reporting Limits (CRL)
Calculation and Transcription Checks (for 20% of the field samples)

Those items marked with an asterisk (*) did not meet all specified QC criteria and are discussed below. QC items not marked with an asterisk meet all QC criteria. Qualified data are summarized in **Appendix B.**

INITIAL CALIBRATION

In one of the initial calibration analyses associated with these samples the relative response factor for three compounds [indeno (1,2,3-cd) pyrene, dibenzo (a,h) anthracene, and benzo (g,h,i) perylene] were less than their respective minimum acceptance criteria. All total and one TCLP sample were qualified (J-5A/UJ-5A).

CONTINUING CALIBRATION

In two of the continuing calibration analyses associated with these samples the relative response factor for three compounds [indeno (1,2,3-cd) pyrene, dibenzo (a,h) anthracene, and benzo (g,h,i) perylene] were less than there respective minimum acceptance criteria. All total and one TCLP sample were qualified (J-5B/UJ-5B).

INTERNAL STANDARDS

(Method 8270 Stars Table 2 List Only)

The area response for internal standard perylene-d12 in sample 20-06D-3 and its duplicate did not meet QC criteria. Compounds quantitated using perylene-d12 were qualified
(J-19/UJ-19) in both the sample and duplicate.

SURROGATE COMPOUNDS

(Method 8270 Stars Table 2 List Only)

Two or more acid surrogate compound percent recovery (%R) values were less than QC limits in sample 20-06D-2 and 20-06D-4. However, all analytes in Stars Table 2 list are base/neutral compounds and all base/neutral surrogate compounds were recovered within control limits so no qualification was required.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

(Method 8270 TCLP Stars Table 2 List Only)

Matrix spike/matrix spike duplicate (MS/MSD) analysis was performed using sample 20-06D-4. Pyrene was recovered above control limits (52%-115%) at 132% in the MS and 120% in the MSD with a relative percent difference (%RPD) of 10%. Although both pyrene recoveries are greater than the upper control limit no qualification was required since pyrene was not detected in the associated samples.

Overall Assessment

On the basis of this evaluation, the laboratory followed the specified method.

Precision was acceptable, as demonstrated by the RPD values of the MS/MSD analysis. Accuracy was acceptable, as demonstrated by the surrogate, LCS, and MS/MSD spike recovery results except where noted.

Qualification of soil sample results were required because of compounds not meeting the minimum RRF values in the initial and continuing calibrations. Qualification of compounds in sample 20-06D-3 was required because the area response for perylene-d12 did not meet acceptance criteria.

The data, as qualified, are acceptable for use.

APPENDIX A

SAMPLE INDEX

SDG	Sample	Matrix	VOC	SVOC	PCB	TPH-Fuel	TPH-Gas	Pest	PP metals	Cyanide
Method 8270-Stars Table 2 List										
2004BS	20-06D-1	soil		√						
2004BS	20-06D-2	soil		√						
2004BS	20-06D-3	soil		√						
2004BS	20-06D-3 dup	soil		√						
2004BS	20-06D-4	soil		√*						
2004BS	20-06D-5	soil		√						
2004BS	20-06D-6	soil		√						
2004BS	20-06D-7	soil		√						
Method 8270-TCLP Stars Table 2 List										
2004BS	20-06D-1	soil		√						
2004BS	20-06D-2	soil		√						
2004BS	20-06D-3	soil		√						
2004BS	20-06D-3 dup	soil		√						
2004BS	20-06D-4	soil		√*						
2004BS	20-06D-5	soil		√						
2004BS	20-06D-6	soil		√						
2004BS	20-06D-7	soil		√						

* Indicates that level 4 validation was performed on this sample.

APPENDIX B

SUMMARY OF QUALIFIED DATA

Sample ID	Lab ID	Matrix	Method	Analyte	Concentration (ug/kg)	Lab Qualifier	Validation Qualifier
Method 8270-Stars Table 2 List							
20-06D-1	A7183801	Soil	ASP95	Benzo(g,h,i)perylene	ND	U	UJ-5A,5B
		Soil	ASP95	Dibenzo(a,h)anthracene	ND	U	UJ-5A,5B
		Soil	ASP95	Indeno(1,2,3-cd)pyrene	ND	U	UJ-5A,5B
20-06D-2	A7183802	Soil	ASP95	Benzo(g,h,i)perylene	ND	U	UJ-5A,5B
		Soil	ASP95	Dibenzo(a,h)anthracene	ND	U	UJ-5A,5B
		Soil	ASP95	Indeno(1,2,3-cd)pyrene	ND	U	UJ-5A,5B
20-06D-3	A7183803	Soil	ASP95	Benzo(b)fluoranthene	ND	U	UJ-19
		Soil	ASP95	Benzo(k)fluoranthene	ND	U	UJ-19
		Soil	ASP95	Benzo(g,h,i)perylene	ND	U	UJ-5A,5B,19
		Soil	ASP95	Benzo(a)pyrene	ND	U	UJ-19
		Soil	ASP95	Dibenzo(a,h)anthracene	ND	U	UJ-5A,5B,19
		Soil	ASP95	Indeno(1,2,3-cd)pyrene	ND	U	UJ-5A,5B,19
20-06D-3 dup	A7183803FD	Soil	ASP95	Benzo(b)fluoranthene	ND	U	UJ-19
		Soil	ASP95	Benzo(k)fluoranthene	ND	U	UJ-19
		Soil	ASP95	Benzo(g,h,i)perylene	ND	U	UJ-5A,5B,19
		Soil	ASP95	Benzo(a)pyrene	ND	U	UJ-19
		Soil	ASP95	Dibenzo(a,h)anthracene	ND	U	UJ-5A,5B,19
		Soil	ASP95	Indeno(1,2,3-cd)pyrene	ND	U	UJ-5A,5B,19
20-06D-4	A7183804	Soil	ASP95	Benzo(g,h,i)perylene	ND	U	UJ-5A,5B
		Soil	ASP95	Dibenzo(a,h)anthracene	ND	U	UJ-5A,5B
		Soil	ASP95	Indeno(1,2,3-cd)pyrene	ND	U	UJ-5A,5B

Sample ID	Lab ID	Matrix	Method	Analyte	Concentration (ug/kg)	Lab Qualifier	Validation Qualifier
20-06D-5	A7183805	Soil	ASP95	Benzo(g,h,i)perylene	ND	U	UJ-5A,5B
		Soil	ASP95	Dibenzo(a,h)anthracene	ND	U	UJ-5A,5B
		Soil	ASP95	Indeno(1,2,3-cd)pyrene	ND	U	UJ-5A,5B
20-06D-6	A7183806	Soil	ASP95	Benzo(g,h,i)perylene	ND	U	UJ-5A,5B
		Soil	ASP95	Dibenzo(a,h)anthracene	ND	U	UJ-5A,5B
		Soil	ASP95	Indeno(1,2,3-cd)pyrene	ND	U	UJ-5A,5B
20-06D-7	A7183807	Soil	ASP95	Benzo(g,h,i)perylene	ND	U	UJ-5A,5B
		Soil	ASP95	Dibenzo(a,h)anthracene	ND	U	UJ-5A,5B
		Soil	ASP95	Indeno(1,2,3-cd)pyrene	ND	U	UJ-5A,5B
Method 8270-TCLP Stars Table 2 List							
Sample ID	**Lab ID**	**Matrix**	**Method**	**Analyte**	**Concentration (mg/L)**	**Lab Qualifier**	**Validation Qualifier**
20-06D-1	A7183801	Soil	ASP95	Benzo(g,h,i)perylene	ND	U	UJ-5A,5B
		Soil	ASP95	Dibenzo(a,h)anthracene	ND	U	UJ-5A,5B
		Soil	ASP95	Indeno(1,2,3-cd)pyrene	ND	U	UJ-5A,5B

DATA VALIDATION REPORT
Northrop Grumman Plant 20
Priority Pollutant Metals (Mercury)
Matrix: Soil
SDG No.: 2003BS

This report documents the review of analytical data from the analyses of soil samples for mercury by Recra Environmental, Inc. All samples which were analyzed in this SDI and for which data were evaluated are listed in **Appendix A** . The samples that received full validation including calculations, transcriptions, and compound identification are indicated in the **Appendix A**.

I. COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed contract-required corrective action processes.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

Technical Holding Times
Initial Calibration
Initial and Continuing Calibration Verification
Blanks (Method and Continuing Calibration Blank)
Laboratory Control Samples (LCS)
Duplicate Sample
Spiked Sample Analysis
Interference Check Sample (ICP only)
ICP Serial Dilution (ICP only)
Sample Result Quantitation and Contract-Required Detection Limits (CRDL)
Calculation and Transcription Checks

All items specified above met the specified QC criteria and no data points required qualification.

Overall Assessment

On the basis of this evaluation, the laboratory followed the specified SOP and the data are acceptable for use.

Precision was acceptable, as demonstrated by the RPD values of the laboratory sample/duplicate analysis. Accuracy was acceptable, as demonstrated by the laboratory control sample and spiked sample percent recovery values.

APPENDIX A

SAMPLE INDEX

AOC	SDI	Sample	Matrix	VOC	SVOC	PCB	TPH-Fuel	TPH-Gas	Pesticides	PP metals[a]	Cyanide
20	2003BS	20-03B-S-1	soil							√	
20	2003BS	20-03B-S-2	soil							√	
20	2003BS	20-03B-S-3	soil							√	
20	2003BS	20-03B-S-4	soil							√*	
20	2003BS	20-03C-S-1	soil							√	
20	2003BS	20-03C-S-2	soil							√	
20	2003BS	20-03C-S-3	soil							√	
20	2003BS	20-03C-S-4	soil							√	
20	2003BS	20-03D-S-1	soil							√	
20	2003BS	20-03D-S-2	soil							√	
20	2003BS	20-03D-S-3	soil							√	
20	2003BS	20-03D-S-4	soil							√	
20	2003BS	20-RS2B-S-1	soil							√	
20	2003BS	20-RS2B-S-2	soil							√*	
20	2003BS	20-RS2B-S-3	soil							√	
20	2003BS	20-RS2B-S-4	soil							√	
20	2003BS	20-RS2C-S-1	soil							√	
20	2003BS	20-RS2C-S-2	soil							√	
20	2003BS	20-RS2C-S-3	soil							√	
20	2003BS	20-RS2C-S-4	soil							√	

*Indicates that level 4 validation was performed on this sample.

[a] Only mercury was analyzed.

DATA VALIDATION REPORT
Northrop Grumman Plant 20
Priority Pollutant Metals (Mercury)
Matrix: Soil
SDG No.: 20RS2D

This report documents the review of analytical data from the analyses of soil samples for mercury by Recra Environmental, Inc. All samples which were analyzed in this SDG and for which data were evaluated are listed in **Appendix A** . The samples that received full validation including calculations, transcriptions, and compound identification are indicated in the **Appendix A**.

I. COMPLETENESS

All contract-required deliverables were submitted by the laboratory. The laboratory followed contract-required corrective action processes.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

Technical Holding Times
Initial Calibration
Initial and Continuing Calibration Verification
Blanks (Method and Continuing Calibration Blank)
Laboratory Control Samples (LCS)
Duplicate Sample
Spiked Sample Analysis
Interference Check Sample (ICP only)
ICP Serial Dilution (ICP only)
Sample Result Quantitation and Contract-Required Detection Limits (CRDL)
Calculation and Transcription Checks

All items specified above met the specified QC criteria and no data points required qualification.

Overall Assessment

On the basis of this evaluation, the laboratory followed the specified SOP and the data are acceptable for use.

Precision was acceptable, as demonstrated by the RPD values of the laboratory sample/duplicate analysis. Accuracy was acceptable, as demonstrated by the laboratory control sample and spiked sample percent recovery values.

APPENDIX A

SAMPLE INDEX

AOC	SDI	Sample	Matrix	VOC	SVOC	PCB	TPH-Fuel	TPH-Gas	Pesticides	PP metals [a]	Cyanide
20	20RS2D	20-RS2D-1	soil							√	
20	20RS2D	20-RS2D-2	soil							√*	
20	20RS2D	20-RS2D-3	soil							√	
20	20RS2D	20-RS2D-4	soil							√	
20	20RS2D	20-RS2E-1	soil							√	
20	20RS2D	20-RS2E-2	soil							√	
20	20RS2D	20-RS2E-3	soil							√	
20	20RS2D	20-RS2E-4	soil							√	

*Indicates that level 4 validation was performed on this sample.
[a] Only mercury was analyzed.