Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	S-8-14	A-12-14	A-14-14	C-16-14	C-18-14	C-4-14	C-5-14	C-6-14	C-8-14
Sample Midpoint Depth (ft):	1	3	3	3	3	3	3	3	3
Date Sampled:	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014
Sample ID:	S-8-14_1	A-12-14_3	A-14-14_3	C-16-14_3	C-18-14_3	C-4-14_3	C-5-14_3	C-6-14_3	C-8-14_3
CONSTITUENT (unit in mg/kg)									
Total PCBs	**1.4**	**0.89 J**	**2.9**	**2.3**	**0.73 J**	**26**	**3.8**	**41**	**6.0**

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Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	E-11-14	E-4-14	E-6-14	E-9-14	M-13-14	M-14-14	M-16-14	M-19-14	M-20-14
Sample Midpoint Depth (ft):	3	3	3	3	3	3	3	3	3
Date Sampled:	12/4/2014	12/3/2014	12/3/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014
Sample ID:	E-11-14_3	E-4-14_3	E-6-14_3	E-9-14_3	M-13-14_3	M-14-14_3	M-16-14_3	M-19-14_3	M-20-14_3
CONSTITUENT (unit in mg/kg)									
Total PCBs	**1.6**	**13**	**4.3**	**1.8**	**1.9**	**0.96**	0	**220 E**	**1.8**

Notes and Abbreviations on Last Page

Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	N-10-14	N-11-14	N-20-14	O-10-14	O-11-14	O-12-14	O-20-14	A-12-14	A-14-14
Sample Midpoint Depth (ft):	3	3	3	3	3	3	3	5	5
Date Sampled:	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014
Sample ID:	N-10-14_3	N-11-14_3	N-20-14_3	O-10-14_3	O-11-14_3	O-12-14_3	O-20-14_3	A-12-14_5	A-14-14_5
CONSTITUENT (unit in mg/kg)									
Total PCBs	**3.7**	**2.6**	0	**4.8**	0	0	**86 E**	**11**	**2.7**

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Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	C-16-14	C-18-14	C-4-14	C-5-14	C-6-14	C-8-14	E-11-14	E-4-14	E-6-14
Sample Midpoint Depth (ft):	5	5	5	5	5	5	5	5	5
Date Sampled:	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/4/2014	12/3/2014	12/3/2014
Sample ID:	C-16-14_5	C-18-14_5	C-4-14_5	C-5-14_5	C-6-14_5	C-8-14_5	E-11-14_5	E-4-14_5	E-6-14_5
CONSTITUENT (unit in mg/kg)									
Total PCBs	**1.6**	**1.7**	**60 E**	**14**	**1.3**	**7.6**	**0.47 J**	**190 E**	**46**

Notes and Abbreviations on Last Page

Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	E-9-14	M-13-14	M-14-14	M-16-14	M-19-14	M-20-14	N-10-14	N-11-14	O-10-14
Sample Midpoint Depth (ft):	5	5	5	5	5	5	5	5	5
Date Sampled:	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/3/2014	12/3/2014	12/3/2014
Sample ID:	E-9-14_5	M-13-14_5	M-14-14_5	M-16-14_5	M-19-14_5	M-20-14_5	N-10-14_5	N-11-14_5	O-10-14_5
CONSTITUENT (unit in mg/kg)									
Total PCBs	**1.3**	**14**	**1.8**	**17**	**230 E**	**190 E**	**21**	**1.7**	**66**

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Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	O-11-14	O-12-14	O-20-14	A-12-14	A-14-14	C-16-14	C-18-14	C-4-14	C-5-14
Sample Midpoint Depth (ft):	5	5	5	7	7	7	7	7	7
Date Sampled:	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014
Sample ID:	O-11-14_5	O-12-14_5	O-20-14_5	A-12-14_7	A-14-14_7	C-16-14_7	C-18-14_7	C-4-14_7	C-5-14_7
CONSTITUENT (unit in mg/kg)									
Total PCBs	**0.8**	**14**	**41**	**2.6**	**8.8**	0	0	**17**	**19**

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Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	C-6-14	C-8-14	E-11-14	E-4-14	E-6-14	E-9-14	M-13-14	M-14-14	M-16-14
Sample Midpoint Depth (ft):	7	7	7	7	7	7	7	7	7
Date Sampled:	12/3/2014	12/3/2014	12/4/2014	12/3/2014	12/3/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014
Sample ID:	C-6-14_7	C-8-14_7	E-11-14_7	E-4-14_7	E-6-14_7	E-9-14_7	M-13-14_7	M-14-14_7	M-16-14_7
CONSTITUENT (unit in mg/kg)									
Total PCBs	0	**3.2**	**6.4**	**78 E**	**0.91**	**12**	0	**54 E**	**46**

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Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	M-19-14	M-20-14	N-10-14	N-11-14	O-10-14	O-11-14	O-12-14	O-20-14	A-12-14
Sample Midpoint Depth (ft):	7	7	7	7	7	7	7	7	9
Date Sampled:	12/4/2014	12/4/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014
Sample ID:	M-19-14_7	M-20-14_7	N-10-14_7	N-11-14_7	O-10-14_7	O-11-14_7	O-12-14_7	O-20-14_7	A-12-14_9
CONSTITUENT (unit in mg/kg)									
Total PCBs	**48**	**41**	**14**	**220 E**	**1.3**	0	**4.1**	0	**4.6**

Notes and Abbreviations on Last Page

Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	A-14-14	C-16-14	C-18-14	C-4-14	C-5-14	C-6-14	C-8-14	E-11-14	E-4-14
Sample Midpoint Depth (ft):	9	9	9	9	9	9	9	9	9
Date Sampled:	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/4/2014	12/3/2014
Sample ID:	A-14-14_9	C-16-14_9	C-18-14_9	C-4-14_9	C-5-14_9	C-6-14_9	C-8-14_9	E-11-14_9	E-4-14_9
CONSTITUENT (unit in mg/kg)									
Total PCBs	**0.71 J**	**3.1**	**0.59 J**	**5.5**	**8.7**	0	**36**	**23**	**32**

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Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	E-6-14	E-9-14	M-13-14	M-14-14	M-16-14	M-19-14	M-20-14	N-10-14	N-11-14
Sample Midpoint Depth (ft):	9	9	9	9	9	9	9	9	9
Date Sampled:	12/3/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/3/2014	12/3/2014
Sample ID:	E-6-14_9	E-9-14_9	M-13-14_9	M-14-14_9	M-16-14_9	M-19-14_9	M-20-14_9	N-10-14_9	N-11-14_9
CONSTITUENT (unit in mg/kg)									
Total PCBs	0	**3.1**	0	**1.5**	0	**56 E**	**4.4**	**38**	**21**

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Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	O-10-14	O-11-14	O-12-14	O-20-14	A-12-14	A-13-14	B-11-14	B-12-14	B-13-14
Sample Midpoint Depth (ft):	9	9	9	9	11	11	11	11	11
Date Sampled:	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014
Sample ID:	O-10-14_9	O-11-14_9	O-12-14_9	O-20-14_9	A-12-14_11	A-13-14_11	B-11-14_11	B-12-14_11	B-13-14_11
CONSTITUENT (unit in mg/kg)									
Total PCBs	0	0	**5.9**	0	**22**	**47**	**73**	**3.0**	**5.0**

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Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	C-11-14	C-13-14	E-11-14	E-13-14	E-15-14	E-4-14	E-5-14	N-10-14	N-11-14
Sample Midpoint Depth (ft):	11	11	11	11	11	11	11	11	11
Date Sampled:	12/3/2014	12/3/2014	12/4/2014	12/4/2014	12/4/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014
Sample ID:	C-11-14_11	C-13-14_11	E-11-14_11	E-13-14_11	E-15-14_11	E-4-14_11	E-5-14_11	N-10-14_11	N-11-14_11
CONSTITUENT (unit in mg/kg)									
Total PCBs	**4.7**	**2.5**	**1.6**	**16**	**5.8**	**31**	**35**	**36**	**400 E**

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Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	N-9-14	O-10-14	O-11-14	O-9-14	P-10-14	C-11-14	C-13-14	E-11-14	E-13-14
Sample Midpoint Depth (ft):	11	11	11	11	11	13	13	13	13
Date Sampled:	12/4/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/4/2014	12/4/2014
Sample ID:	N-9-14_11	O-10-14_11	O-11-14_11	O-9-14_11	P-10-14_11	C-11-14_13	C-13-14_13	E-11-14_13	E-13-14_13
CONSTITUENT (unit in mg/kg)									
Total PCBs	**4.8**	**6300 E**	**1.3**	**10**	**0.53 J**	**1.9**	**1.2**	**1.6**	**38**

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Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	E-15-14	E-4-14	E-5-14	N-10-14	N-11-14	N-9-14	O-10-14	O-11-14	O-9-14
Sample Midpoint Depth (ft):	13	13	13	13	13	13	13	13	13
Date Sampled:	12/4/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/4/2014	12/3/2014	12/3/2014	12/3/2014
Sample ID:	E-15-14_13	E-4-14_13	E-5-14_13	N-10-14_13	N-11-14_13	N-9-14_13	O-10-14_13	O-11-14_13	O-9-14_13
CONSTITUENT (unit in mg/kg)									
Total PCBs	**54**	**21**	**16**	**11**	**25**	**8.3**	**3300 E**	**5400 E**	**2600 E**

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Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	P-10-14	C-11-14	C-13-14	E-11-14	E-13-14	E-15-14	E-4-14	E-5-14	N-10-14
Sample Midpoint Depth (ft):	13	15	15	15	15	15	15	15	15
Date Sampled:	12/3/2014	12/3/2014	12/3/2014	12/4/2014	12/4/2014	12/4/2014	12/3/2014	12/3/2014	12/3/2014
Sample ID:	P-10-14_13	C-11-14_15	C-13-14_15	E-11-14_15	E-13-14_15	E-15-14_15	E-4-14_15	E-5-14_15	N-10-14_15
CONSTITUENT (unit in mg/kg)									
Total PCBs	**6700 E**	**11**	**9.6**	**18**	**68 E**	**46**	**20**	**2.8**	**12**

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Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	N-11-14	N-9-14	O-10-14	O-11-14	O-9-14	P-10-14	C-11-14	C-13-14	E-11-14
Sample Midpoint Depth (ft):	15	15	15	15	15	15	17	17	17
Date Sampled:	12/3/2014	12/4/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/4/2014
Sample ID:	N-11-14_15	N-9-14_15	O-10-14_15	O-11-14_15	O-9-14_15	P-10-14_15	C-11-14_17	C-13-14_17	E-11-14_17
CONSTITUENT (unit in mg/kg)									
Total PCBs	**10**	**24**	**66 E**	**4.5**	**330 E**	**1200 E**	**20**	**41**	**11**

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Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	E-13-14	E-15-14	E-4-14	E-5-14	N-10-14	N-11-14	N-9-14	O-10-14	O-11-14
Sample Midpoint Depth (ft):	17	17	17	17	17	17	17	17	17
Date Sampled:	12/4/2014	12/4/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/4/2014	12/3/2014	12/3/2014
Sample ID:	E-13-14_17	E-15-14_17	E-4-14_17	E-5-14_17	N-10-14_17	N-11-14_17	N-9-14_17	O-10-14_17	O-11-14_17
CONSTITUENT (unit in mg/kg)									
Total PCBs	**97 E**	**46**	0	**9.3**	**21**	**1.1**	**18**	**14**	**4.3**

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Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	O-9-14	P-10-14	E-11-14	E-13-14	E-15-14	E-4-14	E-5-14	N-10-14	N-11-14	N-11-14
Sample Midpoint Depth (ft):	17	17	19	19	19	19	19	19	19	19
Date Sampled:	12/3/2014	12/3/2014	12/4/2014	12/4/2014	12/4/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014
Sample ID:	O-9-14_17	P-10-14_17	E-11-14_19	E-13-14_19	E-15-14_19	E-4-14_19	E-5-14_19	N-10-14_19	N-11-14_19	REP 120314 DM2
CONSTITUENT (unit in mg/kg)										
Total PCBs	**16**	**23**	**66 E**	**30**	**5.2**	0	**2.9**	**5.6**	**3**	**3**

Notes and Abbreviations on Last Page

Table 3. Concentrations of Total PCBs in Soil Samples by modified EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	N-9-14	O-10-14	O-11-14	O-9-14	P-10-14	E-11-14	E-13-14	E-11-14	E-13-14
Sample Midpoint Depth (ft):	19	19	19	19	19	21	21	23	23
Date Sampled:	12/4/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014
Sample ID:	N-9-14_19	O-10-14_19	O-11-14_19	O-9-14_19	P-10-14_19	E-11-14_21	E-13-14_21	E-11-14_23	E-13-14_23
CONSTITUENT (unit in mg/kg)									
Total PCBs	**16**	**5.4**	**4.2**	**2.2**	**9.1**	**3.9**	**60 E**	**16**	**71 E**

Notes and Abbreviations:

- Results are not validated.
- Samples were collected every 2 feet per the Pre-Design Sampling Work Plan for PCBs (Work Plan) (EMAGIN 2014)
- Samples were screened for Total PCBs by fixed base laboratory using Modified EPA Method 8082 Per NYSDEC Approval of Alternative Method on 10/31/2014.
- Samples analyzed on a dry weight basis.

Bold value indicates a detection

indicates sample collected from 0-2 ft has Total PCBs greater than 1 mg/kg

indicates sample collected from 2-10 ft has Total PCBs greater than 10 mg/kg

indicates sample collected from below 10 ft has Total PCBs greater than 50 mg/kg

PCB	Polychlorinated biphenyl
ft	Feet below original land surface
mg/kg	Milligrams per kilogram
J	Value is estimated
E	Concentration is from secondary dilution
EPA	United States Environmental Protection Agency
NYSDEC	New York State Department of Environmental Conservation

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	A-13-14	C-10-14	C-10-14	C-10-14	C-10-14	C-12-14	C-12-14	C-12-14	C-12-14	C-12-14	C-12-14
Sample Depth (ft):	11	3	5	7	9	3	5	7	9	11	13
Date Sampled:	12/3/2014	11/7/2014	11/7/2014	11/7/2014	11/7/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014
Sample ID:	A-13-14_11	C-10-14_3	C-10-14_5	C-10-14_7	C-10-14_9	C-12-14_3	C-12-14_5	C-12-14_7	C-12-14_9	C-12-14_11	C-12-14_13
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 1.2	< 0.11 J	< 0.11 J	< 5.4 J	< 2.1 J	< 0.11 J	< 0.11 J	< 0.57 J	< 2.2 J	< 0.11 J	< 1.1 J
Aroclor 1221	< 1.2	< 0.11 J	< 0.11 J	< 5.4 J	< 2.1 J	< 0.11 J	< 0.11 J	< 0.57 J	< 2.2 J	< 0.11 J	< 1.1 J
Aroclor 1232	< 1.2	< 0.11 J	< 0.11 J	< 5.4 J	< 2.1 J	< 0.11 J	< 0.11 J	< 0.57 J	< 2.2 J	< 0.11 J	< 1.1 J
Aroclor 1242	**11**	< 0.11 J	< 0.11 J	**61 J**	**17 J**	< 0.11 J	< 0.11 J	< 0.57 J	**28 J**	**0.3 J**	**24 J**
Aroclor 1248	< 1.2	**1.2 J**	**0.17 J**	< 5.4 J	< 2.1 J	**0.36 J**	**0.36 J**	**2 J**	< 2.2 J	< 0.11 J	< 1.1 J
Aroclor 1254	< 1.2	**0.23 J**	**0.061 J**	**4.5 J**	**1.7 J**	**0.14 J**	**0.077 J**	**1.5 J**	< 2.2 J	< 0.11 J	< 1.1 J
Aroclor 1260	< 1.2	< 0.11 J	< 0.11 J	< 5.4 J	< 2.1 J	< 0.11 J	< 0.11 J	< 0.57 J	< 2.2 J	< 0.11 J	< 1.1 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**11**	**1.4**	**0.23**	**66**	**19**	**0.50**	**0.44**	**3.5**	**28**	**0.30**	**24**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	C-12-14	C-12-14	C-13-14	C-14-14	C-14-14	C-14-14	C-14-14	C-16-14	C-18-14	C-5-14	C-6-14
Sample Depth (ft):	15	17	17	3	5	7	9	7	7	5	9
Date Sampled:	11/10/2014	11/10/2014	12/3/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014
Sample ID:	C-12-14_15	C-12-14_17	C-13-14_17	C-14-14_3	C-14-14_5	C-14-14_7	C-14-14_9	C-16-14_7	C-18-14_7	C-5-14_5	C-6-14_9
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 1.1 J	< 6 J	< 2.7	< 0.11 J	< 0.11 J	< 0.11 J	< 1.1 J	< 0.11	< 0.11	< 0.56	< 0.11
Aroclor 1221	< 1.1 J	< 6 J	< 2.7	< 0.11 J	< 0.11 J	< 0.11 J	< 1.1 J	< 0.11	< 0.11	< 0.56	< 0.11
Aroclor 1232	< 1.1 J	< 6 J	< 2.7	< 0.11 J	< 0.11 J	< 0.11 J	< 1.1 J	< 0.11	< 0.11	< 0.56	< 0.11
Aroclor 1242	**22 J**	**90 J**	**45**	< 0.11 J	< 0.11 J	< 0.11 J	**12 J**	**0.35**	**0.12**	**5.8**	**0.25**
Aroclor 1248	< 1.1 J	< 6 J	< 2.7	**0.48 J**	**0.87 J**	< 0.14 J	< 1.1 J	< 0.11	< 0.11	< 0.56	< 0.11
Aroclor 1254	< 1.1 J	< 6 J	< 2.7	**0.11 J**	**0.25 J**	< 0.11 J	< 1.1 J	**0.055 J**	< 0.11	< 0.56	< 0.11
Aroclor 1260	< 1.1 J	< 6 J	**1.1 J**	< 0.11 J	< 0.11 J	< 0.11 J	< 1.1 J	**0.095 J**	**0.28**	< 0.56	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**22**	**90**	**46**	**0.59**	**1.1**	0.00	**12**	**0.50**	**0.40**	**5.8**	**0.25**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	D-10-14	D-10-14	D-10-14	D-10-14	D-10-14	D-11-14	D-11-14	D-11-14	D-11-14	D-11-14	D-11-14
Sample Depth (ft):	11	13	15	21	23	11	13	15	17	19	21
Date Sampled:	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014
Sample ID:	D-10-14_11	D-10-14_13	D-10-14_15	D-10-14_21	D-10-14_23	D-11-14_11	D-11-14_13	D-11-14_15	D-11-14_17	D-11-14_19	D-11-14_21
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.91	< 0.91	< 3.6	< 19	< 3.7	< 0.57 J	< 2.2 J	< 0.57 J	< 1.2 J	< 12 J	< 1.1 J
Aroclor 1221	< 0.91	< 0.91	< 3.6	< 19	< 3.7	< 0.57 J	< 2.2 J	< 0.57 J	< 1.2 J	< 12 J	< 1.1 J
Aroclor 1232	< 0.91	< 0.91	< 3.6	< 19	< 3.7	< 0.57 J	< 2.2 J	< 0.57 J	< 1.2 J	< 12 J	< 1.1 J
Aroclor 1242	**19**	**9.4**	**26**	**85**	**72**	**3.8 J**	**25 J**	**11 J**	**20 J**	**160 J**	**23 J**
Aroclor 1248	< 0.91	< 0.91	< 3.6	< 19	< 3.7	< 0.57 J	< 2.2 J	< 0.57 J	< 1.2 J	< 12 J	< 1.1 J
Aroclor 1254	< 0.91	< 0.91	< 3.6	< 19	< 3.7	< 0.57 J	< 2.2 J	< 0.57 J	< 1.2 J	< 12 J	< 1.1 J
Aroclor 1260	< 0.91	< 0.91	< 3.6	< 19	< 3.7	< 0.57 J	< 2.2 J	< 0.57 J	< 1.2 J	< 12 J	< 1.1 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**19**	**9.4**	**26**	**85**	**72**	**3.8**	**25**	**11**	**20**	**160**	**23**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	D-11-14	D-12-14	D-12-14	D-12-14	D-12-14	D-12-14	D-12-14	D-12-14	D-12-14	D-13-14
Sample Depth (ft):	23	11	11	13	15	17	19	21	23	11
Date Sampled:	11/10/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	11/10/2014
Sample ID:	D-11-14_23	REP 120414 NC3	D-12-14_11	D-12-14_13	D-12-14_15	D-12-14_17	D-12-14_19	D-12-14_21	D-12-14_23	D-13-14_11
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 5.5 J	< 0.93	< 0.018	< 0.91	< 1.9	< 0.091	< 19	< 0.36	< 0.36	< 2.2 J
Aroclor 1221	< 5.5 J	< 0.93	< 0.018	< 0.91	< 1.9	< 0.091	< 19	< 0.36	< 0.36	< 2.2 J
Aroclor 1232	< 5.5 J	< 0.93	< 0.018	< 0.91	< 1.9	< 0.091	< 19	< 0.36	< 0.36	< 2.2 J
Aroclor 1242	**57 J**	**21**	**0.16**	**16**	**28**	**0.86**	**77**	**5.4**	**4.6**	**29 J**
Aroclor 1248	< 5.5 J	< 0.93	< 0.018	< 0.91	< 1.9	< 0.091	< 19	< 0.36	< 0.36	< 2.2 J
Aroclor 1254	< 5.5 J	< 0.93	< 0.018	< 0.91	< 1.9	< 0.091	< 19	< 0.36	< 0.36	< 2.2 J
Aroclor 1260	< 5.5 J	< 0.93	< 0.018	< 0.91	< 1.9	< 0.091	< 19	< 0.36	< 0.36	< 2.2 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**57**	**21**	**0.16**	**16**	**28**	**0.86**	**77**	**5.4**	**4.6**	**29**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	D-13-14	D-13-14	D-13-14	D-13-14	D-14-14	D-14-14	D-14-14	D-14-14	D-14-14	D-4-14	D-4-14
Sample Depth (ft):	13	15	17	19	11	13	15	17	19	11	13
Date Sampled:	11/10/2014	11/10/2014	11/10/2014	11/10/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014
Sample ID:	D-13-14_13	D-13-14_15	D-13-14_17	D-13-14_19	D-14-14_11	D-14-14_13	D-14-14_15	D-14-14_17	D-14-14_19	D-4-14_11	D-4-14_13
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 2.2 J	< 5.7 J	< 6 J	< 12 J	< 0.091	< 1.8	< 0.93	< 1.8	< 1.9	< 0.92	< 0.39
Aroclor 1221	< 2.2 J	< 5.7 J	< 6 J	< 12 J	< 0.091	< 1.8	< 0.93	< 1.8	< 1.9	< 0.92	< 0.39
Aroclor 1232	< 2.2 J	< 5.7 J	< 6 J	< 12 J	< 0.091	< 1.8	< 0.93	< 1.8	< 1.9	< 0.92	< 0.39
Aroclor 1242	**44 J**	**45 J**	**53 J**	**140 J**	< 0.091	**27**	**12**	**15**	**23**	**5.9**	**7.1**
Aroclor 1248	< 2.2 J	< 5.7 J	< 6 J	< 12 J	**0.53**	< 1.8	< 0.93	< 1.8	< 1.9	< 0.92	< 0.39
Aroclor 1254	< 2.2 J	< 5.7 J	< 6 J	< 12 J	**0.15**	< 1.8	< 0.93	< 1.8	< 1.9	< 0.92	< 0.39
Aroclor 1260	< 2.2 J	< 5.7 J	< 6 J	< 12 J	< 0.091	< 1.8	< 0.93	< 1.8	< 1.9	< 0.92	< 0.39
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**44**	**45**	**53**	**140**	**0.68**	**27**	**12**	**15**	**23**	**5.9**	**7.1**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	D-4-14	D-4-14	D-4-14	E-10-14	E-10-14	E-10-14	E-10-14	E-10-14	E-10-14	E-10-14	E-10-14
Sample Depth (ft):	15	17	19	3	5	7	9	11	13	15	17
Date Sampled:	12/4/2014	12/4/2014	12/4/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014
Sample ID:	D-4-14_15	D-4-14_17	D-4-14_19	E-10-14_3	E-10-14_5	E-10-14_7	E-10-14_9	E-10-14_11	E-10-14_13	E-10-14_15	E-10-14_17
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 2	< 0.018	< 1.1	< 0.11 J	< 0.56 J	< 11 J	< 1.1 J	< 0.57 J	< 11 J	< 11 J	< 2.3 J
Aroclor 1221	< 2	< 0.018	< 1.1	< 0.11 J	< 0.56 J	< 11 J	< 1.1 J	< 0.57 J	< 11 J	< 11 J	< 2.3 J
Aroclor 1232	< 2	< 0.018	< 1.1	< 0.11 J	< 0.56 J	< 11 J	< 1.1 J	< 0.57 J	< 11 J	< 11 J	< 2.3 J
Aroclor 1242	**28**	**0.12**	< 1.1	< 0.11 J	**7.5 J**	**36 J**	**5.2 J**	**5.6 J**	**91 J**	**110 J**	**6.7 J**
Aroclor 1248	< 2	< 0.018	< 1.1	**0.42 J**	< 0.56 J	< 11 J	< 1.1 J	< 0.57 J	< 11 J	< 11 J	< 2.3 J
Aroclor 1254	**4**	**0.28**	**3.1**	**0.15 J**	< 0.56 J	< 11 J	**0.67 J**	< 0.57 J	< 11 J	< 11 J	< 2.3 J
Aroclor 1260	**1.8 J**	< 0.018	< 1.1	< 0.11 J	< 0.56 J	< 11 J	< 1.1 J	< 0.57 J	< 11 J	< 11 J	< 2.3 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**34**	**0.4**	**3.1**	**0.57**	**7.5**	**36**	**5.9**	**5.6**	**91**	**110**	**6.7**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	E-10-14	E-10-14	E-10-14	E-11-14	E-12-14	E-12-14	E-12-14	E-12-14	E-12-14	E-12-14	E-12-14
Sample Depth (ft):	19	21	23	23	3	5	7	9	11	13	15
Date Sampled:	11/10/2014	11/10/2014	11/10/2014	12/4/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014
Sample ID:	E-10-14_19	E-10-14_21	E-10-14_23	E-11-14_23	E-12-14_3	E-12-14_5	E-12-14_7	E-12-14_9	E-12-14_11	E-12-14_13	E-12-14_15
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 11 J	< 5.9 J	< 11 J	< 5.8	< 2.2 J	< 0.54 J	< 5.8 J	< 11 J	< 1.1 J	< 57 J	< 22 J
Aroclor 1221	< 11 J	< 5.9 J	< 11 J	< 5.8	< 2.2 J	< 0.54 J	< 5.8 J	< 11 J	< 1.1 J	< 57 J	< 22 J
Aroclor 1232	< 11 J	< 5.9 J	< 11 J	< 5.8	< 2.2 J	< 0.54 J	< 5.8 J	< 11 J	< 1.1 J	< 57 J	< 22 J
Aroclor 1242	**57 J**	**90 J**	**98 J**	**25**	< 2.2 J	**4.9 J**	**28 J**	**54 J**	**9.1 J**	**170 J**	**93 J**
Aroclor 1248	< 11 J	< 5.9 J	< 11 J	< 5.8	**3.1 J**	< 0.54 J	< 5.8 J	< 11 J	< 1.1 J	< 57 J	< 22 J
Aroclor 1254	< 11 J	**7 J**	**6.7 J**	< 5.8	**0.75 J**	**0.79 J**	**2.5 J**	< 11 J	< 1.1 J	< 57 J	< 22 J
Aroclor 1260	< 11 J	**3.7 J**	< 11 J	< 5.8	< 2.2 J	< 0.54 J	< 5.8 J	< 11 J	< 1.1 J	< 57 J	< 22 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**57**	**100**	**100**	**25**	**3.9**	**5.7**	**31**	**54**	**9.1**	**170**	**93**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	E-12-14	E-12-14	E-12-14	E-12-14	E-12-14	E-13-14	E-14-14	E-14-14	E-14-14	E-14-14
Sample Depth (ft):	17	19	21	23	23	17	3	5	7	9
Date Sampled:	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	12/4/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014
Sample ID:	E-12-14_17	E-12-14_19	E-12-14_21	Rep111014DM	E-12-14_23	E-13-14_17	E-14-14_3	E-14-14_5	E-14-14_7	E-14-14_9
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 23 J	< 5.9 J	< 30 J	< 20	< 11 J	< 6.2	< 0.11 J	< 0.11 J	< 5.8 J	< 5.5 J
Aroclor 1221	< 23 J	< 5.9 J	< 30 J	< 20	< 11 J	< 6.2	< 0.11 J	< 0.11 J	< 5.8 J	< 5.5 J
Aroclor 1232	< 23 J	< 5.9 J	< 30 J	< 20	< 11 J	< 6.2	< 0.11 J	< 0.11 J	< 5.8 J	< 5.5 J
Aroclor 1242	**160 J**	**98 J**	**140 J**	**90**	**62 J**	**69**	< 0.11 J	**0.38 J**	**24 J**	**17 J**
Aroclor 1248	< 23 J	< 5.9 J	< 30 J	< 20	< 11 J	< 6.2	**0.48 J**	< 0.11 J	< 5.8 J	< 5.5 J
Aroclor 1254	< 23 J	< 5.9 J	< 30 J	< 20	< 11 J	< 6.2	**0.16 J**	**0.19 J**	< 5.8 J	< 5.5 J
Aroclor 1260	< 23 J	< 5.9 J	< 30 J	< 20	< 11 J	< 6.2	< 0.11 J	**0.15 J**	< 5.8 J	< 5.5 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**160**	**98**	**140**	**90**	**62**	**69**	**0.64**	**0.72**	**24**	**17**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	E-14-14	E-14-14	E-14-14	E-14-14	E-14-14	E-16-14	E-16-14	E-16-14	E-16-14	E-16-14	E-16-14
Sample Depth (ft):	11	13	15	17	19	3	5	7	9	11	13
Date Sampled:	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014
Sample ID:	E-14-14_11	E-14-14_13	E-14-14_15	E-14-14_17	E-14-14_19	E-16-14_3	E-16-14_5	E-16-14_7	E-16-14_9	E-16-14_11	E-16-14_13
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 2.1 J	< 57 J	< 11 J	< 11 J	< 11 J	< 0.11 J	< 5.6 J	< 2.3 J	< 2.8 J	< 2.8 J	< 5.7 J
Aroclor 1221	< 2.1 J	< 57 J	< 11 J	< 11 J	< 11 J	< 0.11 J	< 5.6 J	< 2.3 J	< 2.8 J	< 2.8 J	< 5.7 J
Aroclor 1232	< 2.1 J	< 57 J	< 11 J	< 11 J	< 11 J	< 0.11 J	< 5.6 J	< 2.3 J	< 2.8 J	< 2.8 J	< 5.7 J
Aroclor 1242	**19 J**	**460 J**	**80 J**	**120 J**	**77 J**	< 0.11 J	**41 J**	**22 J**	**37 J**	**26 J**	**86 J**
Aroclor 1248	< 2.1 J	< 57 J	< 11 J	< 11 J	< 11 J	**0.63 J**	< 5.6 J	< 2.3 J	< 2.8 J	< 2.8 J	< 5.7 J
Aroclor 1254	< 2.1 J	< 57 J	< 11 J	< 11 J	< 11 J	< 0.11 J	< 5.6 J	< 2.3 J	< 2.8 J	< 2.8 J	< 5.7 J
Aroclor 1260	< 2.1 J	< 57 J	< 11 J	< 11 J	< 11 J	< 0.11 J	< 5.6 J	< 2.3 J	< 2.8 J	< 2.8 J	< 5.7 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**19**	**460**	**80**	**120**	**77**	**0.63**	**41**	**22**	**37**	**26**	**86**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	E-16-14	E-16-14	E-16-14	E-17-14	E-17-14	E-17-14	E-17-14	E-17-14	E-18-14	E-18-14	E-18-14
Sample Depth (ft):	15	17	19	11	13	15	17	19	3	5	7
Date Sampled:	11/10/2014	11/10/2014	11/10/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014
Sample ID:	E-16-14_15	E-16-14_17	E-16-14_19	E-17-14_11	E-17-14_13	E-17-14_15	E-17-14_17	E-17-14_19	E-18-14_3	E-18-14_5	E-18-14_7
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 2.8 J	< 60 J	< 5.8 J	< 3.7	< 37	< 0.93	< 3.7	< 1.8	< 0.096	< 0.36	< 1.8
Aroclor 1221	< 2.8 J	< 60 J	< 5.8 J	< 3.7	< 37	< 0.93	< 3.7	< 1.8	< 0.096	< 0.36	< 1.8
Aroclor 1232	< 2.8 J	< 60 J	< 5.8 J	< 3.7	< 37	< 0.93	< 3.7	< 1.8	< 0.096	< 0.36	< 1.8
Aroclor 1242	**44 J**	**190 J**	**97 J**	**31**	**140**	**8.6**	**24**	**12**	**0.036 J**	**2.9**	**16**
Aroclor 1248	< 2.8 J	< 60 J	< 5.8 J	< 3.7	< 37	< 0.93	< 3.7	< 1.8	< 0.096	< 0.36	< 1.8
Aroclor 1254	**13 J**	< 60 J	< 5.8 J	< 3.7	< 37	**3.3**	< 3.7	< 1.8	**0.095 J**	**0.57**	< 1.8
Aroclor 1260	< 2.8 J	< 60 J	< 5.8 J	< 3.7	< 37	< 0.93	< 3.7	< 1.8	< 0.096	< 0.36	< 1.8
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**57**	**190**	**97**	**31**	**140**	**12**	**24**	**12**	**0.13**	**3.5**	**16**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	E-18-14	E-4-14	E-5-14	E-8-14	E-8-14	E-8-14	E-8-14	F-10-14	F-10-14	F-10-14	F-10-14
Sample Depth (ft):	9	19	11	3	5	7	9	3	5	7	9
Date Sampled:	12/4/2014	12/3/2014	12/3/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014
Sample ID:	E-18-14_9	E-4-14_19	E-5-14_11	E-8-14_3	E-8-14_5	E-8-14_7	E-8-14_9	F-10-14_3	F-10-14_5	F-10-14_7	F-10-14_9
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 1.8	< 0.2	< 2.5	< 0.56 J	< 1.1 J	< 0.58 J	< 11 J	< 0.37	< 0.093	< 3.7	< 22
Aroclor 1221	< 1.8	< 0.2	< 2.5	< 0.56 J	< 1.1 J	< 0.58 J	< 11 J	< 0.37	< 0.093	< 3.7	< 22
Aroclor 1232	< 1.8	< 0.2	< 2.5	< 0.56 J	< 1.1 J	< 0.58 J	< 11 J	< 0.37	< 0.093	< 3.7	< 22
Aroclor 1242	**29**	< 0.2	**15**	< 0.56 J	**18 J**	**6 J**	**45 J**	< 0.37	< 0.093	**57**	**150**
Aroclor 1248	< 1.8	< 0.2	< 2.5	**4.4 J**	< 1.1 J	< 0.58 J	< 11 J	**5.1**	**0.95**	< 3.7	< 22
Aroclor 1254	< 1.8	**0.59**	< 2.5	**1 J**	< 1.1 J	**0.84 J**	< 11 J	**1.7**	< 0.093	< 3.7	< 22
Aroclor 1260	< 1.8	< 0.2	< 2.5	< 0.56 J	< 1.1 J	< 0.58 J	< 11 J	< 0.37	< 0.093	< 3.7	< 22
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**29**	**0.59**	**15**	**5.4**	**18**	**6.8**	**45**	**6.8**	**0.95**	**57**	**150**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	F-10-14	F-10-14	F-10-14	F-10-14	F-10-14	F-10-14	F-10-14	F-11-14	F-11-14	F-11-14	F-11-14
Sample Depth (ft):	11	13	15	17	19	21	23	3	5	7	9
Date Sampled:	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014
Sample ID:	F-10-14_11	F-10-14_13	F-10-14_15	F-10-14_17	F-10-14_19	F-10-14_21	F-10-14_23	F-11-14_3	F-11-14_5	F-11-14_7	F-11-14_9
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 5.7	< 11	< 22	< 2.1	< 11	< 6.1	< 22	< 0.55 J	< 0.11 J	< 2.8 J	< 0.56 J
Aroclor 1221	< 5.7	< 11	< 22	< 2.1	< 11	< 6.1	< 22	< 0.55 J	< 0.11 J	< 2.8 J	< 0.56 J
Aroclor 1232	< 5.7	< 11	< 22	< 2.1	< 11	< 6.1	< 22	< 0.55 J	< 0.11 J	< 2.8 J	< 0.56 J
Aroclor 1242	**41**	**97**	**150**	**23**	**54**	**39**	**240**	< 0.55 J	**0.22 J**	**49 J**	**7.8 J**
Aroclor 1248	< 5.7	< 11	< 22	< 2.1	< 11	< 6.1	< 22	**2.9 J**	< 0.11 J	< 2.8 J	< 0.56 J
Aroclor 1254	< 5.7	< 11	< 22	< 2.1	< 11	< 6.1	< 22	**0.73 J**	< 0.11 J	< 2.8 J	**1.6 J**
Aroclor 1260	< 5.7	< 11	< 22	< 2.1	< 11	< 6.1	< 22	< 0.55 J	< 0.11 J	< 2.8 J	< 0.56 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**41**	**97**	**150**	**23**	**54**	**39**	**240**	**3.6**	**0.22**	**49**	**9.4**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	F-11-14	F-11-14	F-11-14	F-11-14	F-11-14	F-11-14	F-11-14	F-12-14	F-12-14	F-12-14	F-12-14
Sample Depth (ft):	11	13	15	17	19	21	23	11	13	15	17
Date Sampled:	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014
Sample ID:	F-11-14_11	F-11-14_13	F-11-14_15	F-11-14_17	F-11-14_19	F-11-14_21	F-11-14_23	F-12-14_11	F-12-14_13	F-12-14_15	F-12-14_17
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.11 J	< 0.11 J	< 5.7 J	< 12 J	< 12 J	< 2.9 J	< 11 J	< 2.1	< 13	< 11	< 11
Aroclor 1221	< 0.11 J	< 0.11 J	< 5.7 J	< 12 J	< 12 J	< 2.9 J	< 11 J	< 2.1	< 13	< 11	< 11
Aroclor 1232	< 0.11 J	< 0.11 J	< 5.7 J	< 12 J	< 12 J	< 2.9 J	< 11 J	< 2.1	< 13	< 11	< 11
Aroclor 1242	**1.9 J**	**1.8 J**	**110 J**	**79 J**	**86 J**	**16 J**	**41 J**	**17**	**100**	**93**	**120**
Aroclor 1248	< 0.11 J	< 0.11 J	< 5.7 J	< 12 J	< 12 J	< 2.9 J	< 11 J	< 2.1	< 13	< 11	< 11
Aroclor 1254	< 0.11 J	< 0.11 J	< 5.7 J	< 12 J	< 12 J	< 2.9 J	< 11 J	< 2.1	< 13	< 11	< 11
Aroclor 1260	< 0.11 J	< 0.11 J	< 5.7 J	< 12 J	< 12 J	< 2.9 J	< 11 J	< 2.1	< 13	< 11	< 11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**1.9**	**1.8**	**110**	**79**	**86**	**16**	**41**	**17**	**100**	**93**	**120**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	F-12-14	F-12-14	F-12-14	F-13-14	F-13-14	F-13-14	F-13-14	F-13-14	F-13-14	F-13-14
Sample Depth (ft):	19	21	23	11	13	15	17	19	21	23
Date Sampled:	12/5/2014	12/5/2014	12/5/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014
Sample ID:	F-12-14_19	F-12-14_21	F-12-14_23	F-13-14_11	F-13-14_13	F-13-14_15	F-13-14_17	F-13-14_19	F-13-14_21	F-13-14_23
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 11	< 5.7	< 5.5	< 0.11 J	< 11 J	< 11 J	< 2.2 J	< 2.3 J	< 2.2 J	< 10 J
Aroclor 1221	< 11	< 5.7	< 5.5	< 0.11 J	< 11 J	< 11 J	< 2.2 J	< 2.3 J	< 2.2 J	< 10 J
Aroclor 1232	< 11	< 5.7	< 5.5	< 0.11 J	< 11 J	< 11 J	< 2.2 J	< 2.3 J	< 2.2 J	< 10 J
Aroclor 1242	**54**	**49**	**53**	< 0.11 J	**72 J**	**61 J**	**18 J**	**42 J**	**46 J**	**73 J**
Aroclor 1248	< 11	< 5.7	< 5.5	**0.065 J**	< 11 J	< 11 J	< 2.2 J	< 2.3 J	< 2.2 J	< 10 J
Aroclor 1254	< 11	< 5.7	< 5.5	**0.031 J**	< 11 J	< 11 J	< 2.2 J	< 2.3 J	< 2.2 J	< 10 J
Aroclor 1260	< 11	< 5.7	< 5.5	< 0.11 J	< 11 J	< 11 J	< 2.2 J	< 2.3 J	< 2.2 J	< 10 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**54**	**49**	**53**	**0.096**	**72**	**61**	**18**	**42**	**46**	**73**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	F-14-14	F-14-14	F-14-14	F-14-14	F-14-14	F-14-14	F-15-14	F-15-14	F-15-14	F-15-14
Sample Depth (ft):	11	11	13	15	17	19	3	5	7	9
Date Sampled:	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014
Sample ID:	REP 120514 NC1	F-14-14_11	F-14-14_13	F-14-14_15	F-14-14_17	F-14-14_19	F-15-14_3	F-15-14_5	F-15-14_7	F-15-14_9
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 3.7	< 9.1	< 18	< 0.089	< 3.8	< 3.8	< 0.11 J	< 1.1 J	< 2.3 J	< 5.6 J
Aroclor 1221	< 3.7	< 9.1	< 18	< 0.089	< 3.8	< 3.8	< 0.11 J	< 1.1 J	< 2.3 J	< 5.6 J
Aroclor 1232	< 3.7	< 9.1	< 18	< 0.089	< 3.8	< 3.8	< 0.11 J	< 1.1 J	< 2.3 J	< 5.6 J
Aroclor 1242	**15**	**40**	**50**	**0.42**	**19**	**31**	< 0.11 J	**20 J**	**24 J**	**48 J**
Aroclor 1248	< 3.7	< 9.1	< 18	< 0.089	< 3.8	< 3.8	**0.16 J**	< 1.1 J	< 2.3 J	< 5.6 J
Aroclor 1254	< 3.7	< 9.1	< 18	< 0.089	< 3.8	< 3.8	**0.034 J**	< 1.1 J	< 2.3 J	< 5.6 J
Aroclor 1260	< 3.7	< 9.1	< 18	< 0.089	< 3.8	< 3.8	< 0.11 J	< 1.1 J	< 2.3 J	< 5.6 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**15**	**40**	**50**	**0.42**	**19**	**31**	**0.19**	**20**	**24**	**48**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	F-15-14	F-15-14	F-15-14	F-15-14	F-15-14	F-16-14	F-16-14	F-16-14	F-16-14	F-16-14
Sample Depth (ft):	11	13	15	17	19	5	11	13	15	17
Date Sampled:	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014
Sample ID:	F-15-14_11	F-15-14_13	F-15-14_15	F-15-14_17	F-15-14_19	REP 120514 NC2	F-16-14_11	F-16-14_13	F-16-14_15	F-16-14_17
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 5.3 J	< 11 J	< 2.1 J	< 0.56 J	< 1.1 J	< 58	< 110	< 0.56	< 1.2	< 0.57
Aroclor 1221	< 5.3 J	< 11 J	< 2.1 J	< 0.56 J	< 1.1 J	< 58	< 110	< 0.56	< 1.2	< 0.57
Aroclor 1232	< 5.3 J	< 11 J	< 2.1 J	< 0.56 J	< 1.1 J	< 58	< 110	< 0.56	< 1.2	< 0.57
Aroclor 1242	**80 J**	**61 J**	**29 J**	**8.2 J**	**21 J**	**320**	**730**	**6**	**20**	**7.1**
Aroclor 1248	< 5.3 J	< 11 J	< 2.1 J	< 0.56 J	< 1.1 J	< 58	< 110	< 0.56	< 1.2	< 0.57
Aroclor 1254	< 5.3 J	< 11 J	< 2.1 J	**1.9 J**	< 1.1 J	< 58	< 110	< 0.56	< 1.2	**1.3**
Aroclor 1260	< 5.3 J	< 11 J	< 2.1 J	< 0.56 J	< 1.1 J	< 58	< 110	< 0.56	< 1.2	< 0.57
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**80**	**61**	**29**	**10**	**21**	**320**	**730**	**6**	**20**	**8.4**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	F-16-14	F-17-14	F-17-14	F-17-14	F-17-14	F-17-14	F-18-14	F-18-14	F-18-14	F-18-14	F-18-14
Sample Depth (ft):	19	11	13	15	17	19	11	13	15	17	19
Date Sampled:	12/5/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014
Sample ID:	F-16-14_19	F-17-14_11	F-17-14_13	F-17-14_15	F-17-14_17	F-17-14_19	F-18-14_11	F-18-14_13	F-18-14_15	F-18-14_17	F-18-14_19
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 11	< 0.11 J	< 2.2 J	< 2.2 J	< 2.3 J	< 12 J	< 2.2	< 5.2	< 5.8	< 2.2	< 0.11 J
Aroclor 1221	< 11	< 0.11 J	< 2.2 J	< 2.2 J	< 2.3 J	< 12 J	< 2.2	< 5.2	< 5.8	< 2.2	< 0.11 J
Aroclor 1232	< 11	< 0.11 J	< 2.2 J	< 2.2 J	< 2.3 J	< 12 J	< 2.2	< 5.2	< 5.8	< 2.2	< 0.11 J
Aroclor 1242	**150**	**0.85 J**	< 2.2 J	**35 J**	**19 J**	**160 J**	**22**	**36**	**42**	**19**	**2.2 J**
Aroclor 1248	< 11	< 0.11 J	**34 J**	< 2.2 J	< 2.3 J	< 12 J	< 2.2	< 5.2	< 5.8	< 2.2	< 0.11 J
Aroclor 1254	< 11	**0.19 J**	< 2.2 J	< 2.2 J	< 2.3 J	< 12 J	< 2.2	< 5.2	< 5.8	< 2.2	**0.22 J**
Aroclor 1260	< 11	< 0.11 J	< 2.2 J	< 2.2 J	< 2.3 J	< 12 J	< 2.2	< 5.2	< 5.8	< 2.2	**0.076 J**
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**150**	**1.0**	**34**	**35**	**19**	**160**	**22**	**36**	**42**	**19**	**2.5**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	F-8-14	F-8-14	F-8-14	F-8-14	F-9-14	F-9-14	F-9-14	F-9-14	G-10-14	G-10-14	G-10-14
Sample Depth (ft):	3	5	7	9	3	5	7	9	3	5	7
Date Sampled:	12/4/2014	12/4/2014	12/4/2014	12/4/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/12/2014	11/12/2014	11/12/2014
Sample ID:	F-8-14_3	F-8-14_5	F-8-14_7	F-8-14_9	F-9-14_3	F-9-14_5	F-9-14_7	F-9-14_9	G-10-14_3	G-10-14_5	G-10-14_7
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.37	< 0.37	< 3.8	< 3.7	< 0.55 J	< 0.11 J	< 0.11 J	< 5.5 J	< 0.56 J	< 0.11 J	< 2.3 J
Aroclor 1221	< 0.37	< 0.37	< 3.8	< 3.7	< 0.55 J	< 0.11 J	< 0.11 J	< 5.5 J	< 0.56 J	< 0.11 J	< 2.3 J
Aroclor 1232	< 0.37	< 0.37	< 3.8	< 3.7	< 0.55 J	< 0.11 J	< 0.11 J	< 5.5 J	< 0.56 J	< 0.11 J	< 2.3 J
Aroclor 1242	**1.3**	**0.86**	**81**	**23**	< 0.55 J	**0.19 J**	**1.9 J**	**110 J**	< 0.56 J	**1.4 J**	**15 J**
Aroclor 1248	< 0.37	< 0.37	< 3.8	< 3.7	**2.3 J**	< 0.11 J	< 0.11 J	< 5.5 J	**3.3 J**	< 0.11 J	< 2.3 J
Aroclor 1254	**0.92**	**0.46**	< 3.8	< 3.7	**0.62 J**	< 0.11 J	< 0.11 J	< 5.5 J	**0.59 J**	< 0.11 J	< 2.3 J
Aroclor 1260	< 0.37	< 0.37	< 3.8	< 3.7	< 0.55 J	< 0.11 J	< 0.11 J	< 5.5 J	< 0.56 J	< 0.11 J	< 2.3 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**2.2**	**1.3**	**81**	**23**	**2.9**	**0.19**	**1.9**	**110**	**3.9**	**1.4**	**15**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	G-10-14	G-10-14	G-10-14	G-10-14	G-10-14	G-10-14	G-10-14	G-10-14	G-11-14	G-11-14	G-11-14
Sample Depth (ft):	9	11	13	15	17	19	21	23	3	5	7
Date Sampled:	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	12/5/2014	12/5/2014	12/5/2014
Sample ID:	G-10-14_9	G-10-14_11	G-10-14_13	G-10-14_15	G-10-14_17	G-10-14_19	G-10-14_21	G-10-14_23	G-11-14_3	G-11-14_5	G-11-14_7
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 5.7 J	< 0.11 J	< 5.6 J	< 5.7 J	< 0.59 J	< 2.3 J	< 1.1 J	< 11 J	< 0.59 J	< 0.6 J	< 2.2 J
Aroclor 1221	< 5.7 J	< 0.11 J	< 5.6 J	< 5.7 J	< 0.59 J	< 2.3 J	< 1.1 J	< 11 J	< 0.59 J	< 0.6 J	< 2.2 J
Aroclor 1232	< 5.7 J	< 0.11 J	< 5.6 J	< 5.7 J	< 0.59 J	< 2.3 J	< 1.1 J	< 11 J	< 0.59 J	< 0.6 J	< 2.2 J
Aroclor 1242	**80 J**	**1.6 J**	**100 J**	**73 J**	**6.7 J**	**35 J**	**10 J**	**83 J**	**2.9 J**	**5.7 J**	**24 J**
Aroclor 1248	< 5.7 J	< 0.11 J	< 5.6 J	< 5.7 J	< 0.59 J	< 2.3 J	< 1.1 J	< 11 J	< 0.59 J	< 0.6 J	< 2.2 J
Aroclor 1254	< 5.7 J	< 0.11 J	< 5.6 J	< 5.7 J	< 0.59 J	< 2.3 J	< 1.1 J	< 11 J	< 0.59 J	< 0.6 J	< 2.2 J
Aroclor 1260	< 5.7 J	< 0.11 J	< 5.6 J	< 5.7 J	< 0.59 J	< 2.3 J	< 1.1 J	< 11 J	< 0.59 J	< 0.6 J	< 2.2 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**80**	**1.6**	**100**	**73**	**6.7**	**35**	**10**	**83**	**2.9**	**5.7**	**24**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	G-11-14	G-11-14	G-11-14	G-11-14	G-11-14	G-11-14	G-11-14	G-11-14	G-11-14	G-12-14
Sample Depth (ft):	9	11	13	15	17	17	19	21	23	3
Date Sampled:	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	11/12/2014
Sample ID:	G-11-14_9	G-11-14_11	G-11-14_13	G-11-14_15	REP 120514 NC3	G-11-14_17	G-11-14_19	G-11-14_21	G-11-14_23	G-12-14_3
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 2.2 J	-- R	< 11	< 5.5 J	< 5.9 J	< 5.5 J	< 5.5 J	< 11	< 10	< 0.52 J
Aroclor 1221	< 2.2 J	-- R	< 11	< 5.5 J	< 5.9 J	< 5.5 J	< 5.5 J	< 11	< 10	< 0.52 J
Aroclor 1232	< 2.2 J	-- R	< 11	< 5.5 J	< 5.9 J	< 5.5 J	< 5.5 J	< 11	< 10	< 0.52 J
Aroclor 1242	**32 J**	**10 J**	**48**	**76 J**	**64 J**	**79 J**	**75 J**	**110**	**100**	< 0.52 J
Aroclor 1248	< 2.2 J	-- R	< 11	< 5.5 J	< 5.9 J	< 5.5 J	< 5.5 J	< 11	< 10	**3.6 J**
Aroclor 1254	< 2.2 J	-- R	< 11	< 5.5 J	< 5.9 J	< 5.5 J	< 5.5 J	< 11	< 10	< 0.52 J
Aroclor 1260	< 2.2 J	-- R	< 11	< 5.5 J	< 5.9 J	< 5.5 J	< 5.5 J	< 11	< 10	< 0.52 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**32**	**10**	**48**	**76**	**64**	**79**	**75**	**110**	**100**	**3.6**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	G-12-14	G-12-14	G-12-14	G-12-14	G-12-14	G-12-14	G-12-14	G-12-14	G-12-14	G-12-14	G-13-14
Sample Depth (ft):	5	7	9	11	13	15	17	19	21	23	11
Date Sampled:	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	12/5/2014
Sample ID:	G-12-14_5	G-12-14_7	G-12-14_9	G-12-14_11	G-12-14_13	G-12-14_15	G-12-14_17	G-12-14_19	G-12-14_21	G-12-14_23	G-13-14_11
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 220 J	< 0.57 J	< 2.2 J	< 11 J	< 5.7 J	< 0.57 J	< 5.8 J	< 12 J	< 5.9 J	< 2.2 J	< 12
Aroclor 1221	< 220 J	< 0.57 J	< 2.2 J	< 11 J	< 5.7 J	< 0.57 J	< 5.8 J	< 12 J	< 5.9 J	< 2.2 J	< 12
Aroclor 1232	< 220 J	< 0.57 J	< 2.2 J	< 11 J	< 5.7 J	< 0.57 J	< 5.8 J	< 12 J	< 5.9 J	< 2.2 J	< 12
Aroclor 1242	**1200 J**	**4.1 J**	**46 J**	**84 J**	**62 J**	**4.6 J**	**110 J**	**75 J**	**82 J**	< 2.2 J	**62**
Aroclor 1248	< 220 J	< 0.57 J	< 2.2 J	< 11 J	< 5.7 J	< 0.57 J	< 5.8 J	< 12 J	< 5.9 J	**11 J**	< 12
Aroclor 1254	< 220 J	< 0.57 J	< 2.2 J	< 11 J	< 5.7 J	**2 J**	< 5.8 J	< 12 J	< 5.9 J	**2.9 J**	< 12
Aroclor 1260	< 220 J	< 0.57 J	< 2.2 J	< 11 J	< 5.7 J	< 0.57 J	< 5.8 J	< 12 J	< 5.9 J	**6.5 J**	< 12
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**1200**	**4.1**	**46**	**84**	**62**	**6.6**	**110**	**75**	**82**	**20**	**62**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	G-13-14	G-13-14	G-13-14	G-13-14	G-13-14	G-13-14	G-14-14	G-14-14	G-14-14	G-14-14	G-14-14
Sample Depth (ft):	13	15	17	19	21	23	3	5	7	9	11
Date Sampled:	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014
Sample ID:	G-13-14_13	G-13-14_15	G-13-14_17	G-13-14_19	G-13-14_21	G-13-14_23	G-14-14_3	G-14-14_5	G-14-14_7	G-14-14_9	G-14-14_11
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 2.6	< 11	< 7.2	< 12	< 12	< 0.098	< 0.11 J	< 2.2 J	< 11 J	< 5.7 J	< 5.6 J
Aroclor 1221	< 2.6	< 11	< 7.2	< 12	< 12	< 0.098	< 0.11 J	< 2.2 J	< 11 J	< 5.7 J	< 5.6 J
Aroclor 1232	< 2.6	< 11	< 7.2	< 12	< 12	< 0.098	< 0.11 J	< 2.2 J	< 11 J	< 5.7 J	< 5.6 J
Aroclor 1242	**16**	**41**	**29**	**89**	**59**	**0.065 J**	< 0.11 J	**14 J**	**170 J**	**23 J**	**29 J**
Aroclor 1248	< 2.6	< 11	< 7.2	< 12	< 12	< 0.098	**0.59 J**	< 2.2 J	< 11 J	< 5.7 J	< 5.6 J
Aroclor 1254	< 2.6	< 11	< 7.2	< 12	< 12	< 0.098	< 0.11 J	**5.3 J**	< 11 J	< 5.7 J	< 5.6 J
Aroclor 1260	< 2.6	< 11	< 7.2	< 12	< 12	< 0.098	< 0.11 J	< 2.2 J	< 11 J	< 5.7 J	< 5.6 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**16**	**41**	**29**	**89**	**59**	**0.065**	**0.59**	**19**	**170**	**23**	**29**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	G-14-14	G-14-14	G-14-14	G-14-14	G-14-14	G-14-14	G-15-14	G-15-14	G-15-14	G-15-14
Sample Depth (ft):	13	15	17	19	21	23	11	13	15	17
Date Sampled:	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014
Sample ID:	G-14-14_13	G-14-14_15	G-14-14_17	G-14-14_19	G-14-14_21	G-14-14_23	G-15-14_11	G-15-14_13	G-15-14_15	G-15-14_17
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 5.6 J	< 1.1 J	< 0.59 J	< 2.3 J	< 2.3 J	< 2.2 J	< 2.3	< 12	< 2.5	< 6.5
Aroclor 1221	< 5.6 J	< 1.1 J	< 0.59 J	< 2.3 J	< 2.3 J	< 2.2 J	< 2.3	< 12	< 2.5	< 6.5
Aroclor 1232	< 5.6 J	< 1.1 J	< 0.59 J	< 2.3 J	< 2.3 J	< 2.2 J	< 2.3	< 12	< 2.5	< 6.5
Aroclor 1242	**25 J**	**18 J**	**3.8 J**	**36 J**	**37 J**	**28 J**	**16**	**110**	**12**	**30**
Aroclor 1248	< 5.6 J	< 1.1 J	< 0.59 J	< 2.3 J	< 2.3 J	< 2.2 J	< 2.3	< 12	< 2.5	< 6.5
Aroclor 1254	< 5.6 J	< 1.1 J	< 0.59 J	< 2.3 J	< 2.3 J	< 2.2 J	< 2.3	< 12	< 2.5	< 6.5
Aroclor 1260	< 5.6 J	< 1.1 J	< 0.59 J	< 2.3 J	< 2.3 J	< 2.2 J	< 2.3	< 12	< 2.5	< 6.5
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**25**	**18**	**3.8**	**36**	**37**	**28**	**16**	**110**	**12**	**30**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	G-15-14	G-15-14	G-16-14	G-16-14	G-16-14	G-16-14	G-16-14	G-16-14	G-16-14
Sample Depth (ft):	19	19	3	3	5	5	7	7	9
Date Sampled:	12/5/2014	12/5/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014
Sample ID:	REP 120514 NC4	G-15-14_19	REP111214DM1	G-16-14_3	REP111214DM2	G-16-14_5	REP111214DM3	G-16-14_7	REP111214DM4
CONSTITUENT (unit in mg/kg)									
Aroclor 1016	< 1.2	< 1.2	< 0.094	< 0.11 J	< 2	< 2.2 J	< 9.6	< 5.8 J	< 2
Aroclor 1221	< 1.2	< 1.2	< 0.094	< 0.11 J	< 2	< 2.2 J	< 9.6	< 5.8 J	< 2
Aroclor 1232	< 1.2	< 1.2	< 0.094	< 0.11 J	< 2	< 2.2 J	< 9.6	< 5.8 J	< 2
Aroclor 1242	**6.8**	**6.7**	**0.36**	< 0.11 J	**35**	**35 J**	**55**	**110 J**	**21**
Aroclor 1248	< 1.2	< 1.2	< 0.094	**1.2 J**	< 2	< 2.2 J	< 9.6	< 5.8 J	< 2
Aroclor 1254	**1.6**	< 1.2	**0.17**	**0.2 J**	< 2	< 2.2 J	< 9.6	< 5.8 J	< 2
Aroclor 1260	< 1.2	< 1.2	< 0.094	< 0.11 J	< 2	< 2.2 J	< 9.6	< 5.8 J	< 2
Aroclor 1262	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--
Total PCBs	**8.4**	**6.7**	**0.53**	**1.4**	**35**	**35**	**55**	**110**	**21**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	G-16-14	G-16-14	G-16-14	G-16-14	G-16-14	G-16-14	G-16-14	G-16-14	G-16-14	G-17-14
Sample Depth (ft):	9	11	11	13	13	15	17	19	19	11
Date Sampled:	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	12/5/2014
Sample ID:	G-16-14_9	REP111214DM5	G-16-14_11	REP111214DM6	G-16-14_13	G-16-14_15	G-16-14_17	REP111214DM9	G-16-14_19	G-17-14_11
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 1.1 J	< 2	< 11 J	< 4.8	< 1.1 J	< 2.2 J	< 5.8 J	< 10	< 1.2 J	< 2.5
Aroclor 1221	< 1.1 J	< 2	< 11 J	< 4.8	< 1.1 J	< 2.2 J	< 5.8 J	< 10	< 1.2 J	< 2.5
Aroclor 1232	< 1.1 J	< 2	< 11 J	< 4.8	< 1.1 J	< 2.2 J	< 5.8 J	< 10	< 1.2 J	< 2.5
Aroclor 1242	**18 J**	**35**	**43 J**	**37**	**18 J**	**26 J**	**83 J**	**24**	**15 J**	**23**
Aroclor 1248	< 1.1 J	< 2	< 11 J	< 4.8	< 1.1 J	< 2.2 J	< 5.8 J	< 10	< 1.2 J	< 2.5
Aroclor 1254	< 1.1 J	< 2	< 11 J	< 4.8	< 1.1 J	< 2.2 J	< 5.8 J	< 10	< 1.2 J	< 2.5
Aroclor 1260	< 1.1 J	< 2	< 11 J	< 4.8	< 1.1 J	< 2.2 J	< 5.8 J	< 10	< 1.2 J	< 2.5
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**18**	**35**	**43**	**37**	**18**	**26**	**83**	**24**	**15**	**23**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	G-17-14	G-17-14	G-17-14	G-17-14	G-18-14	G-18-14	G-18-14	G-6-14	G-6-14	G-6-14	G-6-14
Sample Depth (ft):	13	15	17	19	3	5	7	3	5	7	9
Date Sampled:	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014
Sample ID:	G-17-14_13	G-17-14_15	G-17-14_17	G-17-14_19	G-18-14_3	G-18-14_5	G-18-14_7	G-6-14_3	G-6-14_5	G-6-14_7	G-6-14_9
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 2.4	< 2.4	< 17	< 1.4	< 0.12	< 1.2	< 0.69	< 2.3 J	< 2.5 J	< 0.6 J	< 0.7 J
Aroclor 1221	< 2.4	< 2.4	< 17	< 1.4	< 0.12	< 1.2	< 0.69	< 2.3 J	< 2.5 J	< 0.6 J	< 0.7 J
Aroclor 1232	< 2.4	< 2.4	< 17	< 1.4	< 0.12	< 1.2	< 0.69	< 2.3 J	< 2.5 J	< 0.6 J	< 0.7 J
Aroclor 1242	**11**	**16**	**110**	**39**	**0.048 J**	**22**	**7.7**	**23 J**	**33 J**	**2.3 J**	< 0.7 J
Aroclor 1248	< 2.4	< 2.4	< 17	< 1.4	< 0.12	< 1.2	< 0.69	< 2.3 J	< 2.5 J	< 0.6 J	< 0.7 J
Aroclor 1254	< 2.4	< 2.4	< 17	< 1.4	**0.048 J**	< 1.2	< 0.69	< 2.3 J	< 2.5 J	**0.78 J**	< 0.7 J
Aroclor 1260	< 2.4	< 2.4	< 17	< 1.4	< 0.12	< 1.2	< 0.69	< 2.3 J	< 2.5 J	**3.5 J**	**7.1 J**
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**11**	**16**	**110**	**39**	**0.096**	**22**	**7.7**	**23**	**33**	**6.6**	**7.1**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	G-8-14	G-8-14	G-8-14	G-8-14	G-9-14	G-9-14	G-9-14	G-9-14	H-10-14	H-10-14	H-10-14
Sample Depth (ft):	3	5	7	9	3	5	7	9	3	5	7
Date Sampled:	11/6/2014	11/6/2014	11/6/2014	11/6/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/8/2014	12/8/2014	12/8/2014
Sample ID:	G-8-14_3	G-8-14_5	G-8-14_7	G-8-14_9	G-9-14_3	G-9-14_5	G-9-14_7	G-9-14_9	H-10-14_3	H-10-14_5	H-10-14_7
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 11 J	< 11 J	< 2.3 J	< 2.2 J	< 0.56 J	< 0.55 J	< 2.3 J	< 23 J	< 0.11 J	< 0.53 J	< 22 J
Aroclor 1221	< 11 J	< 11 J	< 2.3 J	< 2.2 J	< 0.56 J	< 0.55 J	< 2.3 J	< 23 J	< 0.11 J	< 0.53 J	< 22 J
Aroclor 1232	< 11 J	< 11 J	< 2.3 J	< 2.2 J	< 0.56 J	< 0.55 J	< 2.3 J	< 23 J	< 0.11 J	< 0.53 J	< 22 J
Aroclor 1242	**52 J**	**59 J**	**25 J**	**22 J**	**5.4 J**	**2.5 J**	**32 J**	**110 J**	**0.47 J**	**6.4 J**	**97 J**
Aroclor 1248	-- R	< 11 J	< 2.3 J	< 2.2 J	< 0.56 J	< 0.55 J	< 2.3 J	< 23 J	< 0.11 J	< 0.53 J	< 22 J
Aroclor 1254	-- R	< 11 J	**2.6 J**	**1.8 J**	< 0.56 J	< 0.55 J	< 2.3 J	< 23 J	< 0.11 J	< 0.53 J	< 22 J
Aroclor 1260	-- R	< 11 J	< 2.3 J	< 2.2 J	< 0.56 J	< 0.55 J	< 2.3 J	< 23 J	< 0.11 J	< 0.53 J	< 22 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**52**	**59**	**28**	**24**	**5.4**	**2.5**	**32**	**110**	**0.47**	**6.4**	**97**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	H-10-14	H-10-14	H-10-14	H-10-14	H-10-14	H-10-14	H-10-14	H-11-14	H-11-14	H-11-14
Sample Depth (ft):	9	11	13	15	17	19	21	3	3	5
Date Sampled:	12/8/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014	11/13/2014	11/13/2014	11/13/2014
Sample ID:	H-10-14_9	H-10-14_11	H-10-14_13	H-10-14_15	H-10-14_17	H-10-14_19	H-10-14_21	REP111314DM1	H-11-14_3	REP111314DM2
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 21 J	< 0.11 J	< 0.11 J	< 0.54 J	< 5.5 J	< 5.5 J	< 0.54 J	< 0.094	< 0.1 J	< 0.49
Aroclor 1221	< 21 J	< 0.11 J	< 0.11 J	< 0.54 J	< 5.5 J	< 5.5 J	< 0.54 J	< 0.094	< 0.1 J	< 0.49
Aroclor 1232	< 21 J	< 0.11 J	< 0.11 J	< 0.54 J	< 5.5 J	< 5.5 J	< 0.54 J	< 0.094	< 0.1 J	< 0.49
Aroclor 1242	**100 J**	**2 J**	**1.1 J**	**6.2 J**	**63 J**	**91 J**	**7.8 J**	< 0.094	< 0.1 J	**7.2**
Aroclor 1248	< 21 J	< 0.11 J	< 0.11 J	< 0.54 J	< 5.5 J	< 5.5 J	< 0.54 J	**1**	**1.2 J**	< 0.49
Aroclor 1254	< 21 J	< 0.11 J	< 0.11 J	< 0.54 J	< 5.5 J	< 5.5 J	< 0.54 J	< 0.094	**0.23 J**	< 0.49
Aroclor 1260	< 21 J	< 0.11 J	< 0.11 J	< 0.54 J	< 5.5 J	< 5.5 J	< 0.54 J	< 0.094	< 0.1 J	< 0.49
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**100**	**2.0**	**1.1**	**6.2**	**63**	**91**	**7.8**	**1.0**	**1.4**	**7.2**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	H-11-14	H-11-14	H-11-14	H-11-14	H-11-14	H-11-14	H-11-14	H-11-14	H-11-14	H-11-14
Sample Depth (ft):	5	7	7	9	9	11	13	15	17	19
Date Sampled:	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014
Sample ID:	H-11-14_5	REP111314DM3	H-11-14_7	REP111314DM4	H-11-14_9	H-11-14_11	H-11-14_13	H-11-14_15	H-11-14_17	H-11-14_19
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 1.1 J	< 5	< 11 J	< 0.096	< 0.1 J	< 1.1 J	< 2.2 J	< 11 J	< 0.12 J	< 2.3 J
Aroclor 1221	< 1.1 J	< 5	< 11 J	< 0.096	< 0.1 J	< 1.1 J	< 2.2 J	< 11 J	< 0.12 J	< 2.3 J
Aroclor 1232	< 1.1 J	< 5	< 11 J	< 0.096	< 0.1 J	< 1.1 J	< 2.2 J	< 11 J	< 0.12 J	< 2.3 J
Aroclor 1242	**10 J**	**67**	**120 J**	**0.26**	**0.39 J**	**2.9 J**	**40 J**	**53 J**	**1.5 J**	**43 J**
Aroclor 1248	< 1.1 J	< 5	< 11 J	< 0.096	< 0.1 J	< 1.1 J	< 2.2 J	< 11 J	< 0.12 J	< 2.3 J
Aroclor 1254	< 1.1 J	< 5	< 11 J	< 0.096	< 0.1 J	< 1.1 J	< 2.2 J	< 11 J	< 0.12 J	< 2.3 J
Aroclor 1260	< 1.1 J	< 5	< 11 J	< 0.096	< 0.1 J	< 1.1 J	< 2.2 J	< 11 J	< 0.12 J	< 2.3 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**10**	**67**	**120**	**0.26**	**0.39**	**2.9**	**40**	**53**	**1.5**	**43**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	H-11-14	H-12-14	H-12-14	H-12-14	H-12-14	H-12-14	H-12-14	H-13-14	H-13-14	H-13-14	H-13-14
Sample Depth (ft):	21	11	13	15	17	19	21	11	13	15	17
Date Sampled:	11/13/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014
Sample ID:	H-11-14_21	H-12-14_11	H-12-14_13	H-12-14_15	H-12-14_17	H-12-14_19	H-12-14_21	H-13-14_11	H-13-14_13	H-13-14_15	H-13-14_17
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.59 J	< 5.5	< 5.6	< 10	< 11	< 10	< 10	< 0.94 J	< 0.95 J	< 1.9 J	< 0.4 J
Aroclor 1221	< 0.59 J	< 5.5	< 5.6	< 10	< 11	< 10	< 10	< 0.94 J	< 0.95 J	< 1.9 J	< 0.4 J
Aroclor 1232	< 0.59 J	< 5.5	< 5.6	< 10	< 11	< 10	< 10	< 0.94 J	< 0.95 J	< 1.9 J	< 0.4 J
Aroclor 1242	**4 J**	**55**	**60**	**61**	**59**	**60**	**72**	**7.2 J**	**8.6 J**	**33 J**	**1.8 J**
Aroclor 1248	< 0.59 J	< 5.5	< 5.6	< 10	< 11	< 10	< 10	< 0.94 J	< 0.95 J	< 1.9 J	< 0.4 J
Aroclor 1254	< 0.59 J	< 5.5	< 5.6	< 10	< 11	< 10	< 10	< 0.94 J	< 0.95 J	< 1.9 J	**0.56 J**
Aroclor 1260	< 0.59 J	< 5.5	< 5.6	< 10	< 11	< 10	< 10	< 0.94 J	< 0.95 J	< 1.9 J	< 0.4 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**4.0**	**55**	**60**	**61**	**59**	**60**	**72**	**7.2**	**8.6**	**33**	**2.4**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	H-13-14	H-13-14	H-14-14	H-14-14	H-14-14	H-14-14	H-14-14	H-14-14	H-14-14	H-15-14
Sample Depth (ft):	19	21	11	13	15	17	19	19	21	11
Date Sampled:	11/13/2014	11/13/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014	11/13/2014
Sample ID:	H-13-14_19	H-13-14_21	H-14-14_11	H-14-14_13	H-14-14_15	H-14-14_17	REP 120814 DM1	H-14-14_19	H-14-14_21	H-15-14_11
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 2.3 J	< 0.57 J	< 1.1	< 5.3	< 2.1	< 0.12	< 0.11	< 0.11 J	< 0.59 J	< 11 J
Aroclor 1221	< 2.3 J	< 0.57 J	< 1.1	< 5.3	< 2.1	< 0.12	< 0.11	< 0.11 J	< 0.59 J	< 11 J
Aroclor 1232	< 2.3 J	< 0.57 J	< 1.1	< 5.3	< 2.1	< 0.12	< 0.11	< 0.11 J	< 0.59 J	< 11 J
Aroclor 1242	**40 J**	**10 J**	**13**	**32**	**33**	**3.3**	**2.1**	**1.5 J**	**5.5 J**	**57 J**
Aroclor 1248	< 2.3 J	< 0.57 J	< 1.1	< 5.3	< 2.1	< 0.12	< 0.11	< 0.11 J	< 0.59 J	< 11 J
Aroclor 1254	< 2.3 J	< 0.57 J	< 1.1	< 5.3	< 2.1	< 0.12	< 0.11	**0.18 J**	< 0.59 J	< 11 J
Aroclor 1260	< 2.3 J	< 0.57 J	< 1.1	< 5.3	< 2.1	< 0.12	< 0.11	**0.16 J**	< 0.59 J	< 11 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**40**	**10**	**13**	**32**	**33**	**3.3**	**2.1**	**1.8**	**5.5**	**57**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	H-15-14	H-15-14	H-15-14	H-15-14	H-8-14	H-8-14	H-8-14	H-8-14	H-9-14	H-9-14
Sample Depth (ft):	13	15	17	19	3	5	7	9	3	3
Date Sampled:	11/13/2014	11/13/2014	11/13/2014	11/13/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	11/12/2014	11/12/2014
Sample ID:	H-15-14_13	H-15-14_15	H-15-14_17	H-15-14_19	H-8-14_3	H-8-14_5	H-8-14_7	H-8-14_9	REP111214DM10	H-9-14_3
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 11 J	< 11 J	< 2.3 J	< 58 J	< 0.62	< 23	< 57	< 0.6	< 0.96	< 0.56 J
Aroclor 1221	< 11 J	< 11 J	< 2.3 J	< 58 J	< 0.62	< 23	< 57	< 0.6	< 0.96	< 0.56 J
Aroclor 1232	< 11 J	< 11 J	< 2.3 J	< 58 J	< 0.62	< 23	< 57	< 0.6	< 0.96	< 0.56 J
Aroclor 1242	**60 J**	**87 J**	**39 J**	**330 J**	**6.9**	**72**	**83**	**7.2**	< 0.96	< 0.56 J
Aroclor 1248	< 11 J	< 11 J	< 2.3 J	< 58 J	< 0.62	< 23	< 57	< 0.6	**4.8**	**3.7 J**
Aroclor 1254	< 11 J	< 11 J	< 2.3 J	< 58 J	< 0.62	< 23	< 57	**0.92**	**0.93 J**	**0.76 J**
Aroclor 1260	< 11 J	< 11 J	< 2.3 J	< 58 J	< 0.62	< 23	< 57	**1.9**	< 0.96	< 0.56 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**60**	**87**	**39**	**330**	**6.9**	**72**	**83**	**10**	**5.7**	**4.5**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	H-9-14	H-9-14	H-9-14	H-9-14	H-9-14	H-9-14	I-10-14	I-10-14	I-10-14	I-10-14
Sample Depth (ft):	5	5	7	7	9	9	3	5	7	9
Date Sampled:	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014
Sample ID:	REP111214DM11	H-9-14_5	REP111214DM12	H-9-14_7	REP111214DM13	H-9-14_9	I-10-14_3	I-10-14_5	I-10-14_7	I-10-14_9
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 2	< 5.6 J	< 190	< 23 J	< 9.8	< 11 J	< 0.11 J	< 5.4 J	< 58 J	< 11 J
Aroclor 1221	< 2	< 5.6 J	< 190	< 23 J	< 9.8	< 11 J	< 0.11 J	< 5.4 J	< 58 J	< 11 J
Aroclor 1232	< 2	< 5.6 J	< 190	< 23 J	< 9.8	< 11 J	< 0.11 J	< 5.4 J	< 58 J	< 11 J
Aroclor 1242	**30**	**35 J**	**940**	**260 J**	**200**	**170 J**	**2.2 J**	**40 J**	**170 J**	**130 J**
Aroclor 1248	< 2	< 5.6 J	< 190	< 23 J	< 9.8	< 11 J	< 0.11 J	< 5.4 J	< 58 J	< 11 J
Aroclor 1254	< 2	< 5.6 J	< 190	< 23 J	< 9.8	< 11 J	< 0.11 J	**3.2 J**	< 58 J	< 11 J
Aroclor 1260	< 2	< 5.6 J	< 190	< 23 J	< 9.8	< 11 J	< 0.11 J	**11 J**	< 58 J	< 11 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**30**	**35**	**940**	**260**	**200**	**170**	**2.2**	**54**	**170**	**130**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	I-10-14	I-10-14	I-10-14	I-10-14	I-10-14	I-10-14	I-11-14	I-11-14	I-11-14	I-11-14	I-11-14
Sample Depth (ft):	11	13	15	17	19	21	3	5	7	9	11
Date Sampled:	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014
Sample ID:	I-10-14_11	I-10-14_13	I-10-14_15	I-10-14_17	I-10-14_19	I-10-14_21	I-11-14_3	I-11-14_5	I-11-14_7	I-11-14_9	I-11-14_11
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.57 J	< 57 J	< 110 J	< 120 J	< 12 J	< 2.3 J	< 0.11	< 55	< 5.8	< 12	< 0.61
Aroclor 1221	< 0.57 J	< 57 J	< 110 J	< 120 J	< 12 J	< 2.3 J	< 0.11	< 55	< 5.8	< 12	< 0.61
Aroclor 1232	< 0.57 J	< 57 J	< 110 J	< 120 J	< 12 J	< 2.3 J	< 0.11	< 55	< 5.8	< 12	< 0.61
Aroclor 1242	**8.7 J**	**190 J**	**800 J**	**650 J**	**150 J**	< 2.3 J	**1.4**	**1100**	**26**	**66**	**4.7**
Aroclor 1248	< 0.57 J	< 57 J	< 110 J	< 120 J	< 12 J	**16 J**	< 0.11	< 55	< 5.8	< 12	< 0.61
Aroclor 1254	< 0.57 J	< 57 J	< 110 J	< 120 J	< 12 J	**6.2 J**	**0.53**	< 55	< 5.8	< 12	< 0.61
Aroclor 1260	< 0.57 J	< 57 J	< 110 J	< 120 J	< 12 J	< 2.3 J	< 0.11	< 55	< 5.8	< 12	< 0.61
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**8.7**	**190**	**800**	**650**	**150**	**22**	**1.9**	**1100**	**26**	**66**	**4.7**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	I-11-14	I-11-14	I-11-14	I-11-14	I-11-14	I-11-14	I-12-14	I-12-14	I-12-14	I-12-14
Sample Depth (ft):	13	15	17	19	19	21	3	5	7	9
Date Sampled:	12/8/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014
Sample ID:	I-11-14_13	I-11-14_15	I-11-14_17	REP 120814 DM2	I-11-14_19	I-11-14_21	I-12-14_3	I-12-14_5	I-12-14_7	I-12-14_9
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.11	< 11	< 1.2	< 5.2	< 2.2	< 2.3	< 0.11 J	< 2.2 J	< 2.3 J	< 5.6 J
Aroclor 1221	< 0.11	< 11	< 1.2	< 5.2	< 2.2	< 2.3	< 0.11 J	< 2.2 J	< 2.3 J	< 5.6 J
Aroclor 1232	< 0.11	< 11	< 1.2	< 5.2	< 2.2	< 2.3	< 0.11 J	< 2.2 J	< 2.3 J	< 5.6 J
Aroclor 1242	**2.9**	**70**	**17**	**18**	**39**	**11**	< 0.11 J	**36 J**	**35 J**	**110 J**
Aroclor 1248	< 0.11	< 11	< 1.2	< 5.2	< 2.2	< 2.3	**1.2 J**	< 2.2 J	< 2.3 J	< 5.6 J
Aroclor 1254	< 0.11	< 11	< 1.2	< 5.2	< 2.2	< 2.3	**0.34 J**	< 2.2 J	< 2.3 J	< 5.6 J
Aroclor 1260	< 0.11	< 11	< 1.2	< 5.2	< 2.2	< 2.3	< 0.11 J	< 2.2 J	< 2.3 J	< 5.6 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**2.9**	**70**	**17**	**18**	**39**	**11**	**1.5**	**36**	**35**	**110**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	I-12-14	I-12-14	I-12-14	I-12-14	I-12-14	I-12-14	I-13-14	I-13-14	I-13-14	I-13-14	I-13-14
Sample Depth (ft):	11	13	15	17	19	21	11	13	15	17	19
Date Sampled:	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014
Sample ID:	I-12-14_11	I-12-14_13	I-12-14_15	I-12-14_17	I-12-14_19	I-12-14_21	I-13-14_11	I-13-14_13	I-13-14_15	I-13-14_17	I-13-14_19
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 11 J	< 2.2 J	< 11 J	< 2.3 J	< 12 J	< 2.3 J	< 1.1	< 2.3	< 11	< 0.12	< 0.12
Aroclor 1221	< 11 J	< 2.2 J	< 11 J	< 2.3 J	< 12 J	< 2.3 J	< 1.1	< 2.3	< 11	< 0.12	< 0.12
Aroclor 1232	< 11 J	< 2.2 J	< 11 J	< 2.3 J	< 12 J	< 2.3 J	< 1.1	< 2.3	< 11	< 0.12	< 0.12
Aroclor 1242	**64 J**	**51 J**	**76 J**	**35 J**	**79 J**	**43 J**	**23**	**26**	**50**	**1.9**	**2.1**
Aroclor 1248	< 11 J	< 2.2 J	< 11 J	< 2.3 J	< 12 J	< 2.3 J	< 1.1	< 2.3	< 11	< 0.12	< 0.12
Aroclor 1254	< 11 J	< 2.2 J	< 11 J	< 2.3 J	< 12 J	< 2.3 J	< 1.1	< 2.3	< 11	< 0.12	< 0.12
Aroclor 1260	< 11 J	< 2.2 J	< 11 J	< 2.3 J	< 12 J	< 2.3 J	< 1.1	< 2.3	< 11	< 0.12	< 0.12
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**64**	**51**	**76**	**35**	**79**	**43**	**23**	**26**	**50**	**1.9**	**2.1**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	I-13-14	I-14-14	I-14-14	I-14-14	I-14-14	I-14-14	I-14-14	I-14-14	I-14-14	I-14-14	I-14-14
Sample Depth (ft):	21	3	5	7	9	11	13	15	17	19	21
Date Sampled:	12/5/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014
Sample ID:	I-13-14_21	I-14-14_3	I-14-14_5	I-14-14_7	I-14-14_9	I-14-14_11	I-14-14_13	I-14-14_15	I-14-14_17	I-14-14_19	I-14-14_21
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 6.5	< 0.54 J	< 0.11 J	< 5.6 J	< 11 J	< 2.1 J	< 54 J	< 2.1 J	< 5.6 J	< 11 J	< 5.9 J
Aroclor 1221	< 6.5	< 0.54 J	< 0.11 J	< 5.6 J	< 11 J	< 2.1 J	< 54 J	< 2.1 J	< 5.6 J	< 11 J	< 5.9 J
Aroclor 1232	< 6.5	< 0.54 J	< 0.11 J	< 5.6 J	< 11 J	< 2.1 J	< 54 J	< 2.1 J	< 5.6 J	< 11 J	< 5.9 J
Aroclor 1242	**55**	< 0.54 J	< 0.11 J	**18 J**	**78 J**	**32 J**	**240 J**	**20 J**	**40 J**	**72 J**	**49 J**
Aroclor 1248	< 6.5	**1.9 J**	**0.18 J**	< 5.6 J	< 11 J	< 2.1 J	< 54 J	< 2.1 J	< 5.6 J	< 11 J	< 5.9 J
Aroclor 1254	< 6.5	< 0.54 J	**0.073 J**	**6.5 J**	< 11 J	< 2.1 J	< 54 J	< 2.1 J	< 5.6 J	< 11 J	< 5.9 J
Aroclor 1260	< 6.5	< 0.54 J	< 0.11 J	< 5.6 J	< 11 J	< 2.1 J	< 54 J	< 2.1 J	< 5.6 J	< 11 J	< 5.9 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**55**	**1.9**	**0.25**	**25**	**78**	**32**	**240**	**20**	**40**	**72**	**49**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	I-16-14	I-16-14	I-16-14	I-16-14	I-18-14	I-18-14	I-18-14	I-18-14	I-20-14	I-20-14	I-20-14
Sample Depth (ft):	3	5	7	9	3	5	7	9	3	5	7
Date Sampled:	11/13/2014	11/13/2014	11/13/2014	11/13/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014
Sample ID:	I-16-14_3	I-16-14_5	I-16-14_7	I-16-14_9	I-18-14_3	I-18-14_5	I-18-14_7	I-18-14_9	I-20-14_3	I-20-14_5	I-20-14_7
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.11 J	< 11 J	< 5.7 J	< 5.5 J	< 0.11	< 2.2	< 57	< 1.1	< 0.11	< 0.57	< 0.13
Aroclor 1221	< 0.11 J	< 11 J	< 5.7 J	< 5.5 J	< 0.11	< 2.2	< 57	< 1.1	< 0.11	< 0.57	< 0.13
Aroclor 1232	< 0.11 J	< 11 J	< 5.7 J	< 5.5 J	< 0.11	< 2.2	< 57	< 1.1	< 0.11	< 0.57	< 0.13
Aroclor 1242	< 0.11 J	**93 J**	**29 J**	**55 J**	< 0.11	**23**	**400**	**19**	< 0.11	< 0.57	**2.4**
Aroclor 1248	**0.38 J**	< 11 J	< 5.7 J	< 5.5 J	**0.093 J**	< 2.2	< 57	< 1.1	**0.22**	**6.6**	< 0.13
Aroclor 1254	**0.13 J**	< 11 J	< 5.7 J	< 5.5 J	**0.06 J**	< 2.2	< 57	< 1.1	**0.11 J**	< 0.57	**0.34**
Aroclor 1260	**0.12 J**	< 11 J	< 5.7 J	< 5.5 J	< 0.11	< 2.2	< 57	< 1.1	< 0.11	< 0.57	**0.13**
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.63**	**93**	**29**	**55**	**0.15**	**23**	**400**	**19**	**0.33**	**6.6**	**2.9**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	I-20-14	I-6-14	I-6-14	I-6-14	I-6-14	I-8-14	I-8-14	I-8-14	I-8-14	I-8-14
Sample Depth (ft):	9	3	5	7	9	3	3	5	5	7
Date Sampled:	12/5/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014
Sample ID:	I-20-14_9	I-6-14_3	I-6-14_5	I-6-14_7	I-6-14_9	REP111314DM5	I-8-14_3	REP111314DM6	I-8-14_5	REP111314DM7
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.58	< 2.1 J	< 2.2 J	< 58 J	< 0.55 J	< 4.8	< 1.1 J	< 5	< 5.5 J	< 0.98
Aroclor 1221	< 0.58	< 2.1 J	< 2.2 J	< 58 J	< 0.55 J	< 4.8	< 1.1 J	< 5	< 5.5 J	< 0.98
Aroclor 1232	< 0.58	< 2.1 J	< 2.2 J	< 58 J	< 0.55 J	< 4.8	< 1.1 J	< 5	< 5.5 J	< 0.98
Aroclor 1242	**2.6**	< 2.1 J	< 2.2 J	**280 J**	**0.4 J**	**37**	**20 J**	**58**	**56 J**	**11**
Aroclor 1248	< 0.58	**38 J**	**28 J**	< 58 J	< 0.55 J	< 4.8	< 1.1 J	< 5	< 5.5 J	< 0.98
Aroclor 1254	**0.79**	**5.2 J**	**3.4 J**	< 58 J	< 0.55 J	< 4.8	< 1.1 J	< 5	< 5.5 J	< 0.98
Aroclor 1260	< 0.58	< 2.1 J	< 2.2 J	< 58 J	**0.48 J**	< 4.8	< 1.1 J	< 5	< 5.5 J	< 0.98
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**3.4**	**43**	**31**	**280**	**0.88**	**37**	**20**	**58**	**56**	**11**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	I-8-14	I-8-14	I-8-14	I-9-14	I-9-14	I-9-14	I-9-14	J-10-14	J-10-14	J-10-14
Sample Depth (ft):	7	8	9	3	5	7	9	3	5	7
Date Sampled:	11/13/2014	11/13/2014	11/13/2014	12/8/2014	12/8/2014	12/8/2014	12/8/2014	12/5/2014	12/5/2014	12/5/2014
Sample ID:	I-8-14_7	REP111314DM8	I-8-14_9	I-9-14_3	I-9-14_5	I-9-14_7	I-9-14_9	J-10-14_3	J-10-14_5	J-10-14_7
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 2.3 J	< 2	< 5.7 J	< 0.54 J	< 5.5 J	< 110 J	< 2.1 J	< 0.11	< 5.6	< 11 J
Aroclor 1221	< 2.3 J	< 2	< 5.7 J	< 0.54 J	< 5.5 J	< 110 J	< 2.1 J	< 0.11	< 5.6	< 11 J
Aroclor 1232	< 2.3 J	< 2	< 5.7 J	< 0.54 J	< 5.5 J	< 110 J	< 2.1 J	< 0.11	< 5.6	< 11 J
Aroclor 1242	**10 J**	**27**	**43 J**	**3.8 J**	**73 J**	**490 J**	**21 J**	**0.48**	**64**	**55 J**
Aroclor 1248	< 2.3 J	< 2	< 5.7 J	< 0.54 J	< 5.5 J	< 110 J	< 2.1 J	< 0.11	< 5.6	< 11 J
Aroclor 1254	< 2.3 J	< 2	< 5.7 J	< 0.54 J	< 5.5 J	< 110 J	< 2.1 J	< 0.11	< 5.6	< 11 J
Aroclor 1260	< 2.3 J	< 2	< 5.7 J	< 0.54 J	< 5.5 J	< 110 J	< 2.1 J	< 0.11	< 5.6	< 11 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**10**	**27**	**43**	**3.8**	**73**	**490**	**21**	**0.48**	**64**	**55**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	J-10-14	J-10-14	J-10-14	J-10-14	J-10-14	J-10-14	J-10-14	J-11-14	J-11-14	J-11-14	J-11-14
Sample Depth (ft):	9	11	13	15	17	19	21	3	5	7	9
Date Sampled:	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014
Sample ID:	J-10-14_9	J-10-14_11	J-10-14_13	J-10-14_15	J-10-14_17	J-10-14_19	J-10-14_21	J-11-14_3	J-11-14_5	J-11-14_7	J-11-14_9
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 54 J	< 5.6 J	< 11	< 5.6	< 24 J	< 2.2	< 1.1	< 0.11 J	< 5.2 J	< 5.4 J	< 5.7 J
Aroclor 1221	< 54 J	< 5.6 J	< 11	< 5.6	< 24 J	< 2.2	< 1.1	< 0.11 J	< 5.2 J	< 5.4 J	< 5.7 J
Aroclor 1232	< 54 J	< 5.6 J	< 11	< 5.6	< 24 J	< 2.2	< 1.1	< 0.11 J	< 5.2 J	< 5.4 J	< 5.7 J
Aroclor 1242	**620 J**	**37 J**	**79**	**17**	**170 J**	**15**	**6.4**	< 0.11 J	**67 J**	**110 J**	**54 J**
Aroclor 1248	< 54 J	< 5.6 J	< 11	< 5.6	< 24 J	< 2.2	< 1.1	**0.84 J**	< 5.2 J	< 5.4 J	< 5.7 J
Aroclor 1254	< 54 J	< 5.6 J	< 11	< 5.6	< 24 J	< 2.2	< 1.1	< 0.11 J	< 5.2 J	< 5.4 J	< 5.7 J
Aroclor 1260	< 54 J	< 5.6 J	< 11	< 5.6	< 24 J	< 2.2	< 1.1	< 0.11 J	< 5.2 J	< 5.4 J	< 5.7 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**620**	**37**	**79**	**17**	**170**	**15**	**6.4**	**0.84**	**67**	**110**	**54**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	J-11-14	J-11-14	J-11-14	J-11-14	J-11-14	J-11-14	J-12-14	J-12-14	J-12-14	J-12-14	J-12-14
Sample Depth (ft):	11	13	15	17	19	21	3	5	7	9	11
Date Sampled:	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014
Sample ID:	J-11-14_11	J-11-14_13	J-11-14_15	J-11-14_17	J-11-14_19	J-11-14_21	J-12-14_3	J-12-14_5	J-12-14_7	J-12-14_9	J-12-14_11
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 5.6 J	< 5.7 J	< 11 J	< 11 J	< 2.2 J	< 2.2 J	< 0.11	< 5.4	< 11	< 6.4	< 5.6
Aroclor 1221	< 5.6 J	< 5.7 J	< 11 J	< 11 J	< 2.2 J	< 2.2 J	< 0.11	< 5.4	< 11	< 6.4	< 5.6
Aroclor 1232	< 5.6 J	< 5.7 J	< 11 J	< 11 J	< 2.2 J	< 2.2 J	< 0.11	< 5.4	< 11	< 6.4	< 5.6
Aroclor 1242	**62 J**	**91 J**	**130 J**	**96 J**	**35 J**	**37 J**	< 0.11	**25**	**110**	**64**	**69**
Aroclor 1248	< 5.6 J	< 5.7 J	< 11 J	< 11 J	< 2.2 J	< 2.2 J	**1.2**	< 5.4	< 11	< 6.4	< 5.6
Aroclor 1254	< 5.6 J	< 5.7 J	< 11 J	< 11 J	< 2.2 J	< 2.2 J	< 0.11	< 5.4	< 11	< 6.4	< 5.6
Aroclor 1260	< 5.6 J	< 5.7 J	< 11 J	< 11 J	< 2.2 J	< 2.2 J	< 0.11	< 5.4	< 11	< 6.4	< 5.6
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**62**	**91**	**130**	**96**	**35**	**37**	**1.2**	**25**	**110**	**64**	**69**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	J-12-14	J-12-14	J-12-14	J-12-14	J-12-14	J-13-14	J-13-14	J-13-14	J-13-14	J-13-14	J-13-14
Sample Depth (ft):	13	15	17	19	21	11	13	15	17	19	21
Date Sampled:	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014
Sample ID:	J-12-14_13	J-12-14_15	J-12-14_17	J-12-14_19	J-12-14_21	J-13-14_11	J-13-14_13	J-13-14_15	J-13-14_17	J-13-14_19	J-13-14_21
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 5.6	< 11	< 5.2	< 11	< 5.8	< 2.2	< 5.5	< 5.5	< 0.11	< 11	< 0.56
Aroclor 1221	< 5.6	< 11	< 5.2	< 11	< 5.8	< 2.2	< 5.5	< 5.5	< 0.11	< 11	< 0.56
Aroclor 1232	< 5.6	< 11	< 5.2	< 11	< 5.8	< 2.2	< 5.5	< 5.5	< 0.11	< 11	< 0.56
Aroclor 1242	**75**	**43**	**36**	**48**	**38**	**17**	**42**	**44**	**0.84**	**63**	**2.6**
Aroclor 1248	< 5.6	< 11	< 5.2	< 11	< 5.8	< 2.2	< 5.5	< 5.5	< 0.11	< 11	< 0.56
Aroclor 1254	< 5.6	< 11	< 5.2	< 11	< 5.8	< 2.2	< 5.5	< 5.5	< 0.11	< 11	< 0.56
Aroclor 1260	< 5.6	< 11	< 5.2	< 11	< 5.8	< 2.2	< 5.5	< 5.5	< 0.11	< 11	< 0.56
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**75**	**43**	**36**	**48**	**38**	**17**	**42**	**44**	**0.84**	**63**	**2.6**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	J-18-14	J-18-14	J-18-14	J-18-14	J-19-14	J-19-14	J-19-14	J-19-14	J-20-14	J-20-14	J-20-14
Sample Depth (ft):	5	7	9	17	3	5	7	9	3	5	7
Date Sampled:	11/13/2014	11/13/2014	11/13/2014	11/13/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	11/14/2014	11/14/2014	11/14/2014
Sample ID:	J-18-14_5	J-18-14_7	J-18-14_9	J-18-14_3	J-19-14_3	J-19-14_5	J-19-14_7	J-19-14_9	J-20-14_3	J-20-14_5	J-20-14_7
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 5.6 J	< 1.1 J	< 0.52 J	< 0.019 J	< 0.11	< 2.2	< 11	< 0.11	< 0.11 J	< 0.19 J	< 2.3 J
Aroclor 1221	< 5.6 J	< 1.1 J	< 0.52 J	< 0.019 J	< 0.11	< 2.2	< 11	< 0.11	< 0.11 J	< 0.19 J	< 2.3 J
Aroclor 1232	< 5.6 J	< 1.1 J	< 0.52 J	< 0.019 J	< 0.11	< 2.2	< 11	< 0.11	< 0.11 J	< 0.19 J	< 2.3 J
Aroclor 1242	**83 J**	**9.5 J**	**9.5 J**	< 0.019 J	< 0.11	**35**	**61**	**1.4**	< 0.11 J	**1.4 J**	**33 J**
Aroclor 1248	< 5.6 J	< 1.1 J	< 0.52 J	**0.11 J**	**0.83**	< 2.2	< 11	< 0.11	**0.071 J**	< 0.19 J	< 2.3 J
Aroclor 1254	< 5.6 J	< 1.1 J	**3.5 J**	**0.059 J**	**0.28**	< 2.2	< 11	**0.33**	**0.056 J**	**0.3 J**	< 2.3 J
Aroclor 1260	< 5.6 J	< 1.1 J	< 0.52 J	**0.046 J**	< 0.11	< 2.2	< 11	< 0.11	< 0.11 J	**0.42 J**	< 2.3 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**83**	**9.5**	**13**	**0.22**	**1.1**	**35**	**61**	**1.7**	**0.13**	**2.1**	**33**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	J-20-14	J-4-14	J-4-14	J-4-14	J-4-14	J-5-14	J-5-14	J-5-14	J-5-14	J-8-14	J-8-14
Sample Depth (ft):	9	3	5	7	9	3	5	7	9	3	5
Date Sampled:	11/14/2014	11/7/2014	11/7/2014	11/7/2014	11/7/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014
Sample ID:	J-20-14_9	J-4-14_3	J-4-14_5	J-4-14_7	J-4-14_9	J-5-14_3	J-5-14_5	J-5-14_7	J-5-14_9	J-8-14_3	J-8-14_5
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 11 J	< 0.53 J	< 0.11 J	< 0.11 J	< 0.11 J	< 1.2	< 1.2	< 6.9	< 9	< 2.1	< 11
Aroclor 1221	< 11 J	< 0.53 J	< 0.11 J	< 0.11 J	< 0.11 J	< 1.2	< 1.2	< 6.9	< 9	< 2.1	< 11
Aroclor 1232	< 11 J	< 0.53 J	< 0.11 J	< 0.11 J	< 0.11 J	< 1.2	< 1.2	< 6.9	< 9	< 2.1	< 11
Aroclor 1242	**160 J**	< 0.53 J	< 0.11 J	< 0.11 J	< 0.11 J	< 1.2	< 1.2	< 6.9	< 9	**14**	**110**
Aroclor 1248	< 11 J	**3.3 J**	< 0.11 J	< 0.11 J	< 0.11 J	**4.5**	**5.2**	< 6.9	< 9	< 2.1	< 11
Aroclor 1254	< 11 J	**0.98 J**	**0.11 J**	< 0.11 J	< 0.11 J	**1.7**	**1.8**	**22**	**25**	< 2.1	< 11
Aroclor 1260	< 11 J	< 0.53 J	**0.074 J**	< 0.11 J	< 0.11 J	< 1.2	< 1.2	< 6.9	< 9	< 2.1	< 11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**160**	**4.3**	**0.18**	0.00	0.00	**6.2**	**7.0**	**22**	**25**	**14**	**110**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	J-8-14	J-8-14	J-9-14	J-9-14	J-9-14	J-9-14	K-10-14	K-10-14	K-10-14	K-10-14	K-11-14
Sample Depth (ft):	7	9	3	5	7	9	3	5	7	9	3
Date Sampled:	12/5/2014	12/5/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/7/2014	11/7/2014	11/7/2014	11/7/2014	12/4/2014
Sample ID:	J-8-14_7	J-8-14_9	J-9-14_3	J-9-14_5	J-9-14_7	J-9-14_9	K-10-14_3	K-10-14_5	K-10-14_7	K-10-14_9	K-11-14_3
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 5.3	< 5.4	< 0.1 J	< 5.2 J	< 110 J	< 5.6 J	< 0.55 J	< 22 J	< 5.3 J	< 2.2 J	< 0.92
Aroclor 1221	< 5.3	< 5.4	< 0.1 J	< 5.2 J	< 110 J	< 5.6 J	< 0.55 J	< 22 J	< 5.3 J	< 2.2 J	< 0.92
Aroclor 1232	< 5.3	< 5.4	< 0.1 J	< 5.2 J	< 110 J	< 5.6 J	< 0.55 J	< 22 J	< 5.3 J	< 2.2 J	< 0.92
Aroclor 1242	**30**	**30**	< 0.1 J	**49 J**	**320 J**	**71 J**	**13 J**	**250 J**	**85 J**	**32 J**	**8.3**
Aroclor 1248	< 5.3	< 5.4	**1.4 J**	< 5.2 J	< 110 J	< 5.6 J	< 0.55 J	< 22 J	< 5.3 J	< 2.2 J	< 0.92
Aroclor 1254	< 5.3	< 5.4	**0.41 J**	< 5.2 J	< 110 J	< 5.6 J	**1.2 J**	< 22 J	**5.9 J**	**2.2 J**	< 0.92
Aroclor 1260	< 5.3	< 5.4	< 0.1 J	< 5.2 J	< 110 J	< 5.6 J	< 0.55 J	< 22 J	< 5.3 J	< 2.2 J	< 0.92
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**30**	**30**	**1.8**	**49**	**320**	**71**	**14**	**250**	**91**	**34**	**8.3**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	K-11-14	K-11-14	K-11-14	K-12-14	K-12-14	K-12-14	K-12-14	K-14-14	K-14-14	K-14-14	K-14-14
Sample Depth (ft):	5	7	9	3	5	7	9	3	5	7	9
Date Sampled:	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	11/14/2014	11/14/2014	11/14/2014	11/14/2014
Sample ID:	K-11-14_5	K-11-14_7	K-11-14_9	K-12-14_3	K-12-14_5	K-12-14_7	K-12-14_9	K-14-14_3	K-14-14_5	K-14-14_7	K-14-14_9
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 3.7	< 9.4	< 19	< 0.092	< 1.8	< 19	< 3.7	< 0.19 J	< 3.8 J	< 1.9 J	< 1.9 J
Aroclor 1221	< 3.7	< 9.4	< 19	< 0.092	< 1.8	< 19	< 3.7	< 0.19 J	< 3.8 J	< 1.9 J	< 1.9 J
Aroclor 1232	< 3.7	< 9.4	< 19	< 0.092	< 1.8	< 19	< 3.7	< 0.19 J	< 3.8 J	< 1.9 J	< 1.9 J
Aroclor 1242	**68**	**70**	**110**	**0.62**	**24**	**82**	**56**	< 0.19 J	**42 J**	**15 J**	**20 J**
Aroclor 1248	< 3.7	< 9.4	< 19	< 0.092	< 1.8	< 19	< 3.7	**0.79 J**	< 3.8 J	< 1.9 J	< 1.9 J
Aroclor 1254	< 3.7	< 9.4	< 19	< 0.092	< 1.8	< 19	< 3.7	**0.15 J**	< 3.8 J	< 1.9 J	< 1.9 J
Aroclor 1260	< 3.7	< 9.4	< 19	< 0.092	< 1.8	< 19	< 3.7	< 0.19 J	< 3.8 J	< 1.9 J	< 1.9 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**68**	**70**	**110**	**0.62**	**24**	**82**	**56**	**0.94**	**42**	**15**	**20**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	K-16-14	K-16-14	K-16-14	K-16-14	K-18-14	K-18-14	K-18-14	K-18-14	K-19-14	K-19-14	K-19-14
Sample Depth (ft):	3	5	7	9	3	5	7	9	3	5	7
Date Sampled:	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	11/14/2014	11/14/2014	11/14/2014
Sample ID:	K-16-14_3	K-16-14_5	K-16-14_7	K-16-14_9	K-18-14_3	K-18-14_5	K-18-14_7	K-18-14_9	K-19-14_3	K-19-14_5	K-19-14_7
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.018	< 97	< 1.9	< 0.91	< 1.8	< 0.019	< 1.8	< 0.93	< 0.019 J	< 19 J	< 9.6 J
Aroclor 1221	< 0.018	< 97	< 1.9	< 0.91	< 1.8	< 0.019	< 1.8	< 0.93	< 0.019 J	< 19 J	< 9.6 J
Aroclor 1232	< 0.018	< 97	< 1.9	< 0.91	< 1.8	< 0.019	< 1.8	< 0.93	< 0.019 J	< 19 J	< 9.6 J
Aroclor 1242	< 0.018	**440**	**27**	**14**	**6.2**	**0.07**	**20**	**6.4**	< 0.019 J	**250 J**	**140 J**
Aroclor 1248	**0.13**	< 97	< 1.9	< 0.91	< 1.8	< 0.019	< 1.8	< 0.93	< 0.019 J	< 19 J	< 9.6 J
Aroclor 1254	**0.17**	< 97	< 1.9	< 0.91	< 1.8	**0.045**	< 1.8	**2.1**	**0.058 J**	< 19 J	< 9.6 J
Aroclor 1260	**0.046**	< 97	< 1.9	< 0.91	< 1.8	**0.059**	< 1.8	< 0.93	**0.036 J**	< 19 J	< 9.6 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.35**	**440**	**27**	**14**	**6.2**	**0.17**	**20**	**8.5**	**0.094**	**250**	**140**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	K-19-14	K-20-14	K-20-14	K-20-14	K-20-14	K-21-14	K-21-14	K-21-14	K-21-14	K-3-14	K-3-14
Sample Depth (ft):	9	3	5	7	9	3	5	7	9	3	5
Date Sampled:	11/14/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	11/14/2014	11/14/2014	11/14/2014	11/14/2014	11/7/2014	11/7/2014
Sample ID:	K-19-14_9	K-20-14_3	K-20-14_5	K-20-14_7	K-20-14_9	K-21-14_3	K-21-14_5	K-21-14_7	K-21-14_9	K-3-14_3	K-3-14_5
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.95 J	< 0.019	< 0.36	< 0.92	< 3.7	< 0.019 J	< 0.019 J	< 0.11 J	< 0.1 J	< 0.53 J	< 0.54 J
Aroclor 1221	< 0.95 J	< 0.019	< 0.36	< 0.92	< 3.7	< 0.019 J	< 0.019 J	< 0.11 J	< 0.1 J	< 0.53 J	< 0.54 J
Aroclor 1232	< 0.95 J	< 0.019	< 0.36	< 0.92	< 3.7	< 0.019 J	< 0.019 J	< 0.11 J	< 0.1 J	< 0.53 J	< 0.54 J
Aroclor 1242	**11 J**	**0.19**	**4**	**11**	**58**	< 0.019 J	< 0.019 J	< 0.11 J	< 0.1 J	< 0.53 J	**7 J**
Aroclor 1248	< 0.95 J	< 0.019	< 0.36	< 0.92	< 3.7	**0.19 J**	**0.22 J**	**0.19 J**	**0.043 J**	**3 J**	< 0.54 J
Aroclor 1254	**18 J**	**0.074**	**0.45**	< 0.92	< 3.7	**0.084 J**	**0.087 J**	< 0.11 J	< 0.1 J	**0.8 J**	**1.5 J**
Aroclor 1260	< 0.95 J	**0.017 J**	< 0.36	< 0.92	< 3.7	**0.069 J**	**0.27 J**	**0.48 J**	**0.043 J**	< 0.53 J	< 0.54 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**29**	**0.28**	**4.5**	**11**	**58**	**0.34**	**0.58**	**0.67**	**0.086**	**3.8**	**8.5**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	K-3-14	K-3-14	K-4-14	K-4-14	K-4-14	K-4-14	K-5-14	K-5-14	K-5-14	K-5-14	K-8-14
Sample Depth (ft):	7	9	3	5	7	9	3	5	7	9	3
Date Sampled:	11/7/2014	11/7/2014	11/7/2014	11/7/2014	11/7/2014	11/7/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	11/14/2014
Sample ID:	K-3-14_7	K-3-14_9	K-4-14_3	K-4-14_5	K-4-14_7	K-4-14_9	K-5-14_3	K-5-14_5	K-5-14_7	K-5-14_9	K-8-14_3
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 5.8 J	< 0.55 J	< 5.4	< 2.8	< 0.1	< 0.1	< 0.37 J
Aroclor 1221	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 5.8 J	< 0.55 J	< 5.4	< 2.8	< 0.1	< 0.1	< 0.37 J
Aroclor 1232	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 5.8 J	< 0.55 J	< 5.4	< 2.8	< 0.1	< 0.1	< 0.37 J
Aroclor 1242	**2.5 J**	< 0.11 J	< 0.11 J	< 0.11 J	< 5.8 J	**9.5 J**	< 5.4	< 2.8	< 0.1	< 0.1	< 0.37 J
Aroclor 1248	< 0.11 J	**1.2 J**	**0.85 J**	**2.4 J**	**65 J**	< 0.55 J	**23**	**14**	**0.35**	**0.23**	**6.4 J**
Aroclor 1254	**0.86 J**	**0.64 J**	**0.32 J**	**0.61 J**	**11 J**	**3 J**	**3.8 J**	**4**	**0.12**	**0.053 J**	< 0.37 J
Aroclor 1260	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 5.8 J	< 0.55 J	< 5.4	< 2.8	< 0.1	< 0.1	< 0.37 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**3.4**	**1.8**	**1.2**	**3.0**	**76**	**13**	**27**	**18**	**0.47**	**0.28**	**6.4**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	K-8-14	K-8-14	K-8-14	K-9-14	K-9-14	K-9-14	K-9-14	K-9-14	L-11-14	L-11-14
Sample Depth (ft):	5	7	9	3	5	7	7	9	3	5
Date Sampled:	11/14/2014	11/14/2014	11/14/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/5/2014	12/4/2014	12/4/2014
Sample ID:	K-8-14_5	K-8-14_7	K-8-14_9	K-9-14_3	K-9-14_5	REP 120514 DM1	K-9-14_7	K-9-14_9	L-11-14_3	L-11-14_5
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.93 J	< 0.39 J	< 9.4 J	< 0.11	< 9.9	< 0.11	< 0.1	-- R	< 3.7	< 37 J
Aroclor 1221	< 0.93 J	< 0.39 J	< 9.4 J	< 0.11	< 9.9	< 0.11	< 0.1	-- R	< 3.7	< 37 J
Aroclor 1232	< 0.93 J	< 0.39 J	< 9.4 J	< 0.11	< 9.9	< 0.11	< 0.1	-- R	< 3.7	< 37 J
Aroclor 1242	**7.4 J**	**5.4 J**	**81 J**	< 0.11	**67**	**1.9**	**2.1**	**61 J**	**27**	**100 J**
Aroclor 1248	< 0.93 J	< 0.39 J	< 9.4 J	**1.6**	< 9.9	< 0.11	< 0.1	-- R	< 3.7	< 37 J
Aroclor 1254	< 0.93 J	< 0.39 J	< 9.4 J	**0.51**	< 9.9	**0.38**	**0.34**	-- R	< 3.7	< 37 J
Aroclor 1260	< 0.93 J	< 0.39 J	< 9.4 J	< 0.11	< 9.9	< 0.11	**0.23**	-- R	< 3.7	< 37 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**7.4**	**5.4**	**81**	**2.1**	**67**	**2.3**	**2.7**	**61**	**27**	**100**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	L-11-14	L-11-14	L-12-14	L-12-14	L-12-14	L-12-14	L-13-14	L-13-14	L-13-14	L-13-14	L-18-14
Sample Depth (ft):	7	9	3	5	7	9	3	5	7	9	3
Date Sampled:	12/4/2014	12/4/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	11/14/2014
Sample ID:	L-11-14_7	L-11-14_9	L-12-14_3	L-12-14_5	L-12-14_7	L-12-14_9	L-13-14_3	L-13-14_5	L-13-14_7	L-13-14_9	L-18-14_3
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 37 J	< 19	< 0.11 J	< 11 J	< 2.2 J	< 10 J	< 0.95	< 0.93	< 1.9	< 38 J	< 0.11 J
Aroclor 1221	< 37 J	< 19	< 0.11 J	< 11 J	< 2.2 J	< 10 J	< 0.95	< 0.93	< 1.9	< 38 J	< 0.11 J
Aroclor 1232	< 37 J	< 19	< 0.11 J	< 11 J	< 2.2 J	< 10 J	< 0.95	< 0.93	< 1.9	< 38 J	< 0.11 J
Aroclor 1242	**110 J**	**76**	< 0.11 J	**96 J**	**23 J**	**86 J**	< 0.95	< 0.93	**36**	**92 J**	< 0.11 J
Aroclor 1248	< 37 J	< 19	**0.34 J**	< 11 J	< 2.2 J	< 10 J	**4.4**	**9.5**	< 1.9	< 38 J	**0.19 J**
Aroclor 1254	< 37 J	< 19	**0.1 J**	< 11 J	**2.9 J**	**4.7 J**	< 0.95	**1.7**	< 1.9	< 38 J	< 0.11 J
Aroclor 1260	< 37 J	< 19	< 0.11 J	< 11 J	< 2.2 J	< 10 J	< 0.95	< 0.93	< 1.9	< 38 J	< 0.11 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**110**	**76**	**0.44**	**96**	**26**	**91**	**4.4**	**11**	**36**	**92**	**0.19**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	L-18-14	L-18-14	L-18-14	L-19-14	L-19-14	L-19-14	L-19-14	L-19-14	L-19-14	L-20-14	L-20-14
Sample Depth (ft):	5	7	9	3	5	7	9	11	13	3	5
Date Sampled:	11/14/2014	11/14/2014	11/14/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	11/14/2014	11/14/2014
Sample ID:	L-18-14_5	L-18-14_7	L-18-14_9	L-19-14_3	L-19-14_5	L-19-14_7	L-19-14_9	L-19-14_11	L-19-14_13	L-20-14_3	L-20-14_5
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 22 J	< 23 J	< 2.2 J	< 0.018	< 1.8 J	< 38 J	< 3.7	< 0.18	< 0.091	< 0.56 J	< 11 J
Aroclor 1221	< 22 J	< 23 J	< 2.2 J	< 0.018	< 1.8 J	< 38 J	< 3.7	< 0.18	< 0.091	< 0.56 J	< 11 J
Aroclor 1232	< 22 J	< 23 J	< 2.2 J	< 0.018	< 1.8 J	< 38 J	< 3.7	< 0.18	< 0.091	< 0.56 J	< 11 J
Aroclor 1242	**340 J**	**280 J**	**25 J**	< 0.018	**39 J**	**210 J**	**75**	**0.29**	**1.7**	< 0.56 J	**190 J**
Aroclor 1248	< 22 J	< 23 J	< 2.2 J	**0.11**	< 1.8 J	< 38 J	< 3.7	< 0.18	< 0.091	**2.7 J**	< 11 J
Aroclor 1254	< 22 J	< 23 J	**3.7 J**	**0.059**	< 1.8 J	< 38 J	< 3.7	**0.11 J**	**0.3**	< 0.56 J	< 11 J
Aroclor 1260	< 22 J	< 23 J	< 2.2 J	**0.034**	< 1.8 J	< 38 J	< 3.7	**0.18**	< 0.091	< 0.56 J	< 11 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**340**	**280**	**29**	**0.20**	**39**	**210**	**75**	**0.58**	**2.0**	**2.7**	**190**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	L-20-14	L-20-14	L-20-14	L-20-14	L-21-14	L-21-14	L-21-14	L-21-14	L-21-14	M-10-14
Sample Depth (ft):	7	9	11	13	3	5	7	7	9	3
Date Sampled:	11/14/2014	11/14/2014	11/14/2014	11/14/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/5/2014
Sample ID:	L-20-14_7	L-20-14_9	L-20-14_11	L-20-14_13	L-21-14_3	L-21-14_5	REP 120414 DM3	L-21-14_7	L-21-14_9	M-10-14_3
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 57 J	< 5.6 J	< 11 J	< 0.11 J	< 0.18	< 0.37	< 0.95	< 0.38	-- R	< 11
Aroclor 1221	< 57 J	< 5.6 J	< 11 J	< 0.11 J	< 0.18	< 0.37	< 0.95	< 0.38	-- R	< 11
Aroclor 1232	< 57 J	< 5.6 J	< 11 J	< 0.11 J	< 0.18	< 0.37	< 0.95	< 0.38	-- R	< 11
Aroclor 1242	**520 J**	**78 J**	**200 J**	< 0.11 J	< 0.18	< 0.37	**10**	< 0.38	**280 J**	**99**
Aroclor 1248	< 57 J	< 5.6 J	< 11 J	**1.2 J**	**2.5**	**3.8**	< 0.95	**5**	-- R	< 11
Aroclor 1254	< 57 J	< 5.6 J	< 11 J	**0.2 J**	**0.55**	**0.73**	< 0.95	**1.3**	-- R	< 11
Aroclor 1260	< 57 J	< 5.6 J	< 11 J	< 0.11 J	**0.33**	**0.36 J**	< 0.95	< 0.38	-- R	< 11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**520**	**78**	**200**	**1.4**	**3.4**	**4.9**	**10**	**6.3**	**280**	**99**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	M-10-14	M-10-14	M-10-14	M-11-14	M-11-14	M-11-14	M-11-14	M-12-14	M-12-14	M-12-14
Sample Depth (ft):	5	7	9	3	5	7	9	3	5	7
Date Sampled:	12/5/2014	12/5/2014	12/5/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014
Sample ID:	M-10-14_5	M-10-14_7	M-10-14_9	M-11-14_3	M-11-14_5	M-11-14_7	M-11-14_9	M-12-14_3	M-12-14_5	REP 120414 DM2
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 1.1	< 0.1	< 0.097	< 0.18	< 3600	< 0.36	< 0.35	< 0.18	< 9.1	< 0.18
Aroclor 1221	< 1.1	< 0.1	< 0.097	< 0.18	< 3600	< 0.36	< 0.35	< 0.18	< 9.1	< 0.18
Aroclor 1232	< 1.1	< 0.1	< 0.097	< 0.18	< 3600	< 0.36	< 0.35	< 0.18	< 9.1	< 0.18
Aroclor 1242	< 1.1	< 0.1	< 0.097	**1.7**	**20000**	**0.58**	**0.79**	< 0.18	**160**	**2.3**
Aroclor 1248	**3.4**	< 0.1	< 0.097	< 0.18	< 3600	< 0.36	< 0.35	**0.41**	< 9.1	< 0.18
Aroclor 1254	**2.5**	< 0.1	< 0.097	< 0.18	< 3600	< 0.36	< 0.35	< 0.18	< 9.1	**0.14 J**
Aroclor 1260	< 1.1	**0.43**	< 0.097	< 0.18	< 3600	< 0.36	< 0.35	< 0.18	< 9.1	**0.2**
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**5.9**	**0.43**	0.00	**1.7**	**20000**	**0.58**	**0.79**	**0.41**	**160**	**2.6**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	M-12-14	M-12-14	M-13-14	M-16-14	M-18-14	M-18-14	M-18-14	M-18-14	M-19-14	M-19-14	M-19-14
Sample Depth (ft):	7	9	7	9	3	5	7	9	3	5	9
Date Sampled:	12/4/2014	12/4/2014	12/4/2014	12/4/2014	11/14/2014	11/14/2014	11/14/2014	11/14/2014	12/4/2014	12/4/2014	12/4/2014
Sample ID:	M-12-14_7	M-12-14_9	M-13-14_7	M-16-14_9	M-18-14_3	M-18-14_5	M-18-14_7	M-18-14_9	M-19-14_3	M-19-14_5	M-19-14_9
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 1.8	< 0.018	< 5.5	< 0.1	< 0.11 J	< 22 J	< 11 J	< 0.11 J	< 11	< 11	< 2.2
Aroclor 1221	< 1.8	< 0.018	< 5.5	< 0.1	< 0.11 J	< 22 J	< 11 J	< 0.11 J	< 11	< 11	< 2.2
Aroclor 1232	< 1.8	< 0.018	< 5.5	< 0.1	< 0.11 J	< 22 J	< 11 J	< 0.11 J	< 11	< 11	< 2.2
Aroclor 1242	**15**	**0.06**	**14**	< 0.1	< 0.11 J	**290 J**	**110 J**	**0.18 J**	**78**	**100**	**28**
Aroclor 1248	< 1.8	< 0.018	< 5.5	< 0.1	**0.36 J**	< 22 J	< 11 J	< 0.11 J	< 11	< 11	< 2.2
Aroclor 1254	**12**	**0.013 J**	**13**	< 0.1	**0.1 J**	< 22 J	< 11 J	< 0.11 J	< 11	< 11	< 2.2
Aroclor 1260	**7.4**	**0.047**	< 5.5	< 0.1	< 0.11 J	< 22 J	< 11 J	< 0.11 J	< 11	< 11	< 2.2
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**34**	**0.12**	**27**	0.00	**0.46**	**290**	**110**	**0.18**	**78**	**100**	**28**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	M-20-14	M-21-14	M-21-14	M-21-14	M-21-14	M-8-14	M-8-14	M-8-14	M-8-14	N-12-14	N-12-14
Sample Depth (ft):	5	3	5	7	9	3	5	7	9	3	5
Date Sampled:	12/4/2014	11/14/2014	11/14/2014	11/14/2014	11/14/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014	11/6/2014	11/6/2014
Sample ID:	M-20-14_5	M-21-14_3	M-21-14_5	M-21-14_7	M-21-14_9	M-8-14_3	M-8-14_5	M-8-14_7	M-8-14_9	N-12-14_3	N-12-14_5
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 11	< 1.1 J	< 2.2 J	< 5.7 J	< 0.11 J	< 0.38	< 18	< 0.37	< 0.36	< 0.11 J	< 0.11 J
Aroclor 1221	< 11	< 1.1 J	< 2.2 J	< 5.7 J	< 0.11 J	< 0.38	< 18	< 0.37	< 0.36	< 0.11 J	< 0.11 J
Aroclor 1232	< 11	< 1.1 J	< 2.2 J	< 5.7 J	< 0.11 J	< 0.38	< 18	< 0.37	< 0.36	< 0.11 J	< 0.11 J
Aroclor 1242	**110**	**26 J**	**36 J**	< 5.7 J	< 0.11 J	< 0.38	**97**	< 0.37	< 0.36	**0.2 J**	**1.4 J**
Aroclor 1248	< 11	< 1.1 J	< 2.2 J	**24 J**	< 0.11 J	**3.6**	< 18	< 0.37	< 0.36	< 0.11 J	< 0.11 J
Aroclor 1254	< 11	< 1.1 J	< 2.2 J	< 5.7 J	< 0.11 J	**0.79**	< 18	**2.3**	**3.3**	**0.062 J**	**0.46 J**
Aroclor 1260	< 11	< 1.1 J	< 2.2 J	< 5.7 J	< 0.11 J	< 0.38	< 18	< 0.37	< 0.36	< 0.11 J	< 0.11 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**110**	**26**	**36**	**24**	0.00	**4.4**	**97**	**2.3**	**3.3**	**0.26**	**1.9**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	N-12-14	N-12-14	N-19-14	N-19-14	N-20-14	nA-24-14	nA-25-14	nAA-24-14	nAA-25-14	nAB-25-14	nAB-26-14
Sample Depth (ft):	7	9	3	5	3	1	1	1	1	1	1
Date Sampled:	11/6/2014	11/6/2014	11/14/2014	11/14/2014	12/3/2014	1/12/2015	11/4/2014	1/12/2015	12/15/2014	11/4/2014	1/12/2015
Sample ID:	N-12-14_7	N-12-14_9	N-19-14_3	N-19-14_5	N-20-14_3	nA-24-14_1	nA-25-14_1	nAA-24-14_1	nAA-25-14_1	nAB-25-14_1	nAB-26-14_1
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.11 J	< 0.11 J	< 0.11 J	< 11 J	< 0.11	< 0.11	< 0.094 J	< 0.54	< 0.11	< 5.2 J	< 0.11
Aroclor 1221	< 0.11 J	< 0.11 J	< 0.11 J	< 11 J	< 0.11	< 0.11	< 0.094 J	< 0.54	< 0.11	< 5.2 J	< 0.11
Aroclor 1232	< 0.11 J	< 0.11 J	< 0.11 J	< 11 J	< 0.11	< 0.11	< 0.094 J	< 0.54	< 0.11	< 5.2 J	< 0.11
Aroclor 1242	< 0.11 J	< 0.11 J	< 0.11 J	**130 J**	**0.099 J**	< 0.11	< 0.094 J	< 0.54	< 0.11	**28 J**	< 0.11
Aroclor 1248	< 0.11 J	< 0.11 J	**0.77 J**	< 11 J	< 0.11	**0.35**	**0.9 J**	**2.2**	**1.7**	< 5.2 J	< 0.11
Aroclor 1254	**0.084 J**	< 0.11 J	**0.27 J**	< 11 J	**0.2**	**0.18**	< 0.094 J	**0.33 J**	< 0.11	< 5.2 J	< 0.11
Aroclor 1260	< 0.11 J	< 0.11 J	< 0.11 J	< 11 J	< 0.11	< 0.11	< 0.094 J	< 0.54	< 0.11	< 5.2 J	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.084**	0.00	**1.0**	**130**	**0.30**	**0.53**	**0.90**	**2.5**	**1.7**	**28**	0.00

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nAE-25-14	nAE-26-14	nAF-21-14	nAF-24-14	nAF-25-14	nAG-18-14	nAG-19-14	nAG-24-14	nAG-25-14	nAH-19-14	nAH-20-14
Sample Depth (ft):	1	1	1	1	1	1	1	1	1	1	1
Date Sampled:	1/12/2015	1/12/2015	11/17/2014	12/15/2014	12/15/2014	11/17/2014	11/17/2014	1/12/2015	1/12/2015	11/17/2014	11/17/2014
Sample ID:	nAE-25-14_1	nAE-26-14_1	nAF-21-14_1	nAF-24-14_1	nAF-25-14_1	nAG-18-14_1	nAG-19-14_1	nAG-24-14_1	nAG-25-14_1	nAH-19-14_1	nAH-20-14_1
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.11	< 0.11	< 0.096	< 0.55	< 0.12	< 0.1 J	< 5.2 J	< 0.51	< 0.11	< 1 J	< 0.51 J
Aroclor 1221	< 0.11	< 0.11	< 0.096	< 0.55	< 0.12	< 0.1 J	< 5.2 J	< 0.51	< 0.11	< 1 J	< 0.51 J
Aroclor 1232	< 0.11	< 0.11	< 0.096	< 0.55	< 0.12	< 0.1 J	< 5.2 J	< 0.51	< 0.11	< 1 J	< 0.51 J
Aroclor 1242	< 0.11	< 0.11	< 0.096	< 0.55	**1.7**	< 0.1 J	**22 J**	< 0.51	< 0.11	< 1 J	< 0.51 J
Aroclor 1248	**0.34**	**0.071 J**	< 0.096	**1.8**	< 0.12	< 0.1 J	< 5.2 J	**2.8**	**0.24**	**3.4 J**	**2.3 J**
Aroclor 1254	**0.33**	**0.045 J**	< 0.096	< 0.55	< 0.12	< 0.1 J	< 5.2 J	**0.69**	< 0.11	< 1 J	< 0.51 J
Aroclor 1260	< 0.11	< 0.11	< 0.096	< 0.55	< 0.12	< 0.1 J	< 5.2 J	< 0.51	< 0.11	< 1 J	< 0.51 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.67**	**0.12**	0.00	**1.8**	**1.7**	0.00	**22**	**3.5**	**0.24**	**3.4**	**2.3**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nAH-22-14	nAH-22-14	nAH-22-14	nAH-22-14	nAH-22-14	nAH-23-14	nAH-23-14	nAH-23-14	nAH-23-14	nAH-23-14	nAI-21-14
Sample Depth (ft):	1	3	5	7	9	1	3	5	7	9	1
Date Sampled:	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014
Sample ID:	nAH-22-14_1	nAH-22-14_3	nAH-22-14_5	nAH-22-14_7	nAH-22-14_9	nAH-23-14_1	nAH-23-14_3	nAH-23-14_5	nAH-23-14_7	nAH-23-14_9	nAI-21-14_1
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.1 J	< 0.51	< 0.098	< 0.96	< 0.098	< 0.1 J	< 9.6	< 0.51	< 0.1	< 0.1	< 0.1 J
Aroclor 1221	< 0.1 J	< 0.51	< 0.098	< 0.96	< 0.098	< 0.1 J	< 9.6	< 0.51	< 0.1	< 0.1	< 0.1 J
Aroclor 1232	< 0.1 J	< 0.51	< 0.098	< 0.96	< 0.098	< 0.1 J	< 9.6	< 0.51	< 0.1	< 0.1	< 0.1 J
Aroclor 1242	< 0.1 J	< 0.51	< 0.098	< 0.96	< 0.098	< 0.1 J	< 9.6	< 0.51	< 0.1	< 0.1	< 0.1 J
Aroclor 1248	**0.98 J**	**4**	< 0.098	< 0.96	< 0.098	**0.56 J**	**42**	**1.2**	< 0.1	< 0.1	**0.88 J**
Aroclor 1254	**0.2 J**	< 0.51	**0.44**	**5.1**	< 0.098	**0.27 J**	**7.4 J**	< 0.51	< 0.1	< 0.1	**0.33 J**
Aroclor 1260	< 0.1 J	< 0.51	< 0.098	< 0.96	**0.077 J**	< 0.1 J	< 9.6	< 0.51	**0.11**	< 0.1	< 0.1 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**1.2**	**4.0**	**0.44**	**5.1**	**0.077**	**0.83**	**49**	**1.2**	**0.11**	0.00	**1.2**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nAI-23-14	nAI-23-14	nAI-23-14	nAI-23-14	nAI-23-14	nAI-24-14	nAJ-17-14	nAJ-19-14	nAJ-24-14	nAK-25-14	nAL-24-14
Sample Depth (ft):	1	3	5	7	9	1	1	1	1	1	1
Date Sampled:	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	1/12/2015	11/17/2014	11/17/2014	12/15/2014	1/12/2015	12/15/2014
Sample ID:	nAI-23-14_1	nAI-23-14_3	nAI-23-14_5	nAI-23-14_7	nAI-23-14_9	nAI-24-14_1	nAJ-17-14_1	nAJ-19-14_1	nAJ-24-14_1	nAK-25-14_1	nAL-24-14_1
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 2.1 J	< 0.1	< 0.1	< 0.096	< 0.1	< 0.53	< 1 J	< 1 J	< 0.57	< 2	< 0.54
Aroclor 1221	< 2.1 J	< 0.1	< 0.1	< 0.096	< 0.1	< 0.53	< 1 J	< 1 J	< 0.57	< 2	< 0.54
Aroclor 1232	< 2.1 J	< 0.1	< 0.1	< 0.096	< 0.1	< 0.53	< 1 J	< 1 J	< 0.57	< 2	< 0.54
Aroclor 1242	< 2.1 J	< 0.1	< 0.1	< 0.096	< 0.1	< 0.53	< 1 J	< 1 J	< 0.57	< 2	< 0.54
Aroclor 1248	**14 J**	< 0.1	**0.099 J**	< 0.096	< 0.1	**5.6**	**7.9 J**	**8 J**	**1.9**	**27**	**2.8**
Aroclor 1254	< 2.1 J	< 0.1	< 0.1	< 0.096	< 0.1	**1.1**	< 1 J	< 1 J	< 0.57	< 2	< 0.54
Aroclor 1260	< 2.1 J	< 0.1	< 0.1	< 0.096	< 0.1	< 0.53	< 1 J	< 1 J	< 0.57	< 2	< 0.54
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**14**	0.00	**0.099**	0.00	0.00	**6.7**	**7.9**	**8.0**	**1.9**	**27**	**2.8**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nAM-23-14	nAO-23-14	nAO-24-14	nAP-24-14	nAQ-25-14	nAQ-26-14	nAR-24-14	nAR-24-14	nAR-24-14	nAR-24-14	nAS-21-14
Sample Depth (ft):	1	1	1	1	1	1	1	5	7	9	1
Date Sampled:	1/12/2015	12/15/2014	1/12/2015	12/15/2014	1/12/2015	1/12/2015	1/12/2015	1/12/2015	1/12/2015	1/12/2015	12/15/2014
Sample ID:	nAM-23-14_1	nAO-23-14_1	nAO-24-14_1	nAP-24-14_1	nAQ-25-14_1	nAQ-26-14_1	nAR-24-14_1	nAR-24-14_5	nAR-24-14_7	nAR-24-14_9	nAS-21-14_1
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.53	< 0.53	< 0.53	< 0.52	< 1.1	< 0.54	< 0.52	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1221	< 0.53	< 0.53	< 0.53	< 0.52	< 1.1	< 0.54	< 0.52	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1232	< 0.53	< 0.53	< 0.53	< 0.52	< 1.1	< 0.54	< 0.52	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1242	< 0.53	< 0.53	< 0.53	< 0.52	< 1.1	< 0.54	< 0.52	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1248	**3.5**	**4.2**	**1.9**	**3.7**	**4.8**	**1.8**	**4.4**	**0.086 J**	< 0.1	< 0.1	< 0.1
Aroclor 1254	**0.72**	< 0.53	**0.52 J**	< 0.52	**2.2**	**0.83**	**1.2**	**0.031 J**	< 0.1	< 0.1	< 0.1
Aroclor 1260	< 0.53	< 0.53	< 0.53	< 0.52	< 1.1	< 0.54	**0.93**	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**4.2**	**4.2**	**2.4**	**3.7**	**7.0**	**2.6**	**6.5**	**0.12**	0.00	0.00	0.00

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nAW-21-14	nAW-25-14	nAW-25-14	nAW-25-14	nAW-25-14	nAX-7-14	nAX-7-14	nAY-21-14	nAY-6-14	nAY-9-14
Sample Depth (ft):	1	1	5	7	9	1	1	1	1	1
Date Sampled:	12/15/2014	1/12/2015	1/12/2015	1/12/2015	1/12/2015	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014
Sample ID:	nAW-21-14_1	nAW-25-14_1	nAW-25-14_5	nAW-25-14_7	nAW-25-14_9	REP 121514 DM4	nAX-7-14_1	nAY-21-14_1	nAY-6-14_1	REP 121514 DM6
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.52	< 1.1	< 2.3	< 2.1	< 0.11	< 0.099	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1221	< 0.52	< 1.1	< 2.3	< 2.1	< 0.11	< 0.099	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1232	< 0.52	< 1.1	< 2.3	< 2.1	< 0.11	< 0.099	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1242	< 0.52	< 1.1	< 2.3	< 2.1	< 0.11	< 0.099	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1248	**1.8**	**12**	< 2.3	< 2.1	< 0.11	< 0.099	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1254	**0.57**	< 1.1	< 2.3	< 2.1	< 0.11	< 0.099	**0.17**	< 0.1	< 0.11	< 0.11
Aroclor 1260	< 0.52	< 1.1	**1.8 J**	< 2.1	**0.058 J**	< 0.099	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**2.4**	**12**	**1.8**	0.00	**0.058**	0.00	**0.17**	0.00	0.00	0.00

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nAY-9-14	nAZ-11-14	nAZ-7-14	nAZ-7-14	nB-26-14	nBA-12-14	nBA-9-14	nBB-11-14	nBB-13-14	nBB-14-14
Sample Depth (ft):	1	1	1	1	1	1	1	1	1	1
Date Sampled:	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014
Sample ID:	nAY-9-14_1	nAZ-11-14_1	REP 121514 DM5	nAZ-7-14_1	nB-26-14_1	nBA-12-14_1	nBA-9-14_1	nBB-11-14_1	nBB-13-14_1	nBB-14-14_1
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.11	< 0.099	< 0.1	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.1
Aroclor 1221	< 0.1	< 0.11	< 0.099	< 0.1	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.1
Aroclor 1232	< 0.1	< 0.11	< 0.099	< 0.1	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.1
Aroclor 1242	< 0.1	< 0.11	< 0.099	< 0.1	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.1
Aroclor 1248	< 0.1	< 0.11	< 0.099	< 0.1	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.1
Aroclor 1254	**0.066 J**	**0.24**	< 0.099	< 0.1	< 0.12	< 0.11	**0.076 J**	< 0.11	< 0.11	**0.12**
Aroclor 1260	< 0.1	< 0.11	**0.082 J**	< 0.1	< 0.12	**0.053 J**	**0.063 J**	< 0.11	< 0.11	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.066**	**0.24**	**0.082**	0.00	0.00	**0.053**	**0.14**	0.00	0.00	**0.12**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nBB-24-14	nBB-24-14	nBB-24-14	nBB-24-14	nBB-25-14	nBB-25-14	nBB-25-14	nBB-25-14	nBC-15-14	nBD-18-14	nBD-18-14
Sample Depth (ft):	1	5	7	9	1	5	7	9	1	1	3
Date Sampled:	1/12/2015	1/12/2015	1/12/2015	1/12/2015	1/12/2015	1/12/2015	1/12/2015	1/12/2015	12/15/2014	12/15/2014	12/15/2014
Sample ID:	nBB-24-14_1	nBB-24-14_5	nBB-24-14_7	nBB-24-14_9	nBB-25-14_1	nBB-25-14_5	nBB-25-14_7	nBB-25-14_9	nBC-15-14_1	nBD-18-14_1	nBD-18-14_3
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 1.1	< 1.1	< 0.1	< 0.1	< 0.58	< 0.51	< 0.1	< 0.11	< 0.11	< 0.1	< 0.099
Aroclor 1221	< 1.1	< 1.1	< 0.1	< 0.1	< 0.58	< 0.51	< 0.1	< 0.11	< 0.11	< 0.1	< 0.099
Aroclor 1232	< 1.1	< 1.1	< 0.1	< 0.1	< 0.58	< 0.51	< 0.1	< 0.11	< 0.11	< 0.1	< 0.099
Aroclor 1242	< 1.1	< 1.1	< 0.1	< 0.1	**6**	**1.6**	< 0.1	< 0.11	< 0.11	< 0.1	< 0.099
Aroclor 1248	**8.8**	**10**	< 0.1	< 0.1	< 0.58	< 0.51	**0.075 J**	**0.039 J**	< 0.11	< 0.1	< 0.099
Aroclor 1254	**3.4**	**2.3**	< 0.1	< 0.1	**1.4**	**0.97**	< 0.1	< 0.11	< 0.11	**0.85**	< 0.099
Aroclor 1260	< 1.1	< 1.1	< 0.1	< 0.1	< 0.58	< 0.51	< 0.1	< 0.11	< 0.11	**0.21**	< 0.099
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**12**	**12**	0.00	0.00	**7.4**	**2.6**	**0.075**	**0.039**	0.00	**1.1**	0.00

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nBD-18-14	nBD-18-14	nBD-18-14	nBE-16-14	nBE-16-14	nBE-16-14	nBE-16-14	nBE-16-14	nBE-16-14	nBE-16-14
Sample Depth (ft):	5	7	9	1	1	3	3	5	5	7
Date Sampled:	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014
Sample ID:	nBD-18-14_5	nBD-18-14_7	nBD-18-14_9	REP 121514 DM7	nBE-16-14_1	REP 121514 DM8	nBE-16-14_3	REP 121514 DM9	nBE-16-14_5	REP 121514 DM10
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1221	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1232	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1242	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1248	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1254	**0.15**	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	**0.084 J**	< 0.1	< 0.1
Aroclor 1260	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	**0.06 J**	**0.071 J**
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.15**	0.00	0.00	0.00	0.00	0.00	0.00	**0.084**	**0.060**	**0.071**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nBE-16-14	nBE-16-14	nBE-16-14	nBE-18-14	nBE-18-14	nBE-18-14	nBE-18-14	nBE-18-14	nBE-18-14
Sample Depth (ft):	7	9	9	1	1	3	3	5	5
Date Sampled:	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014
Sample ID:	nBE-16-14_7	REP 121514 DM11	nBE-16-14_9	REP 121514 DM12	nBE-18-14_1	REP 121514 DM1	nBE-18-14_3	REP 121514 DM2	nBE-18-14_5
CONSTITUENT (unit in mg/kg)									
Aroclor 1016	< 0.11	< 0.11	< 0.098	< 0.1	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1221	< 0.11	< 0.11	< 0.098	< 0.1	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1232	< 0.11	< 0.11	< 0.098	< 0.1	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1242	< 0.11	< 0.11	< 0.098	< 0.1	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1248	< 0.11	< 0.11	< 0.098	< 0.1	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1254	**0.067 J**	**0.16**	< 0.098	< 0.1	< 0.11	**0.81**	**0.04 J**	< 0.11	< 0.11
Aroclor 1260	< 0.11	< 0.11	< 0.098	< 0.1	< 0.11	< 0.11	**0.09 J**	< 0.11	**0.086 J**
Aroclor 1262	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--
Total PCBs	**0.07**	**0.16**	0.00	0.00	0.00	**0.81**	**0.13**	0.00	**0.09**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nBE-18-14	nBE-18-14	nBE-18-14	nC-24-14	nD-24-14	nD-25-14	nD-26-14	nN-24-14	nN-25-14	nO-24-14
Sample Depth (ft):	7	7	9	1	1	1	1	1	1	1
Date Sampled:	12/15/2014	12/15/2014	12/15/2014	12/15/2014	12/15/2014	1/12/2015	1/12/2015	1/12/2015	1/12/2015	1/12/2015
Sample ID:	REP 121514 DM3	nBE-18-14_7	nBE-18-14_9	nC-24-14_1	nD-24-14_1	nD-25-14_1	nD-26-14_1	nN-24-14_1	nN-25-14_1	nO-24-14_1
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.11	< 0.098	< 0.1	< 0.64	< 0.11	< 0.12	< 0.55	< 0.56	< 1.1
Aroclor 1221	< 0.1	< 0.11	< 0.098	< 0.1	< 0.64	< 0.11	< 0.12	< 0.55	< 0.56	< 1.1
Aroclor 1232	< 0.1	< 0.11	< 0.098	< 0.1	< 0.64	< 0.11	< 0.12	< 0.55	< 0.56	< 1.1
Aroclor 1242	< 0.1	< 0.11	< 0.098	< 0.1	< 0.64	< 0.11	< 0.12	< 0.55	< 0.56	< 1.1
Aroclor 1248	< 0.1	< 0.11	< 0.098	< 0.1	< 0.64	**0.17**	< 0.12	**1.7**	**2.7**	**13**
Aroclor 1254	**0.34**	< 0.11	< 0.098	< 0.1	< 0.64	**0.058 J**	< 0.12	**0.53 J**	**1**	**2**
Aroclor 1260	< 0.1	< 0.11	< 0.098	**0.11**	**3.3**	**0.042 J**	< 0.12	**0.41 J**	< 0.56	< 1.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.34**	0.00	0.00	**0.11**	**3.3**	**0.27**	0.00	**2.6**	**3.7**	**15**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nP-23-14	nP-24-14	nR-23-14	nU-23-14	nV-23-14	nW-24-14	nZZB-11-14	nZZB-12-14	nZZB-14-14	nZZB-17-14	nZZB-19-14
Sample Depth (ft):	1	1	1	1	1	1	1	1	1	1	1
Date Sampled:	12/15/2014	11/4/2014	1/12/2015	1/12/2015	1/12/2015	11/4/2014	1/12/2015	12/15/2014	1/12/2015	1/12/2015	12/15/2014
Sample ID:	nP-23-14_1	nP-24-14_1	nR-23-14_1	nU-23-14_1	nV-23-14_1	nW-24-14_1	nZZB-11-14_1	nZZB-12-14_1	nZZB-14-14_1	nZZB-17-14_1	nZZB-19-14_1
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.11	< 0.11 J	< 0.11	< 0.57	< 0.56	< 0.11 J	< 0.12	< 0.1	< 0.12	< 0.11	< 0.11
Aroclor 1221	< 0.11	< 0.11 J	< 0.11	< 0.57	< 0.56	< 0.11 J	< 0.12	< 0.1	< 0.12	< 0.11	< 0.11
Aroclor 1232	< 0.11	< 0.11 J	< 0.11	< 0.57	< 0.56	< 0.11 J	< 0.12	< 0.1	< 0.12	< 0.11	< 0.11
Aroclor 1242	< 0.11	< 0.11 J	< 0.11	< 0.57	< 0.56	< 0.11 J	< 0.12	< 0.1	< 0.12	< 0.11	< 0.11
Aroclor 1248	< 0.11	< 0.11 J	< 0.11	**0.86**	**3.5**	< 0.11 J	**0.25**	< 0.1	**0.046 J**	< 0.11	< 0.11
Aroclor 1254	< 0.11	**1.6 J**	**0.13**	**0.82**	**2.2**	**0.038 J**	**0.052 J**	< 0.1	**0.03 J**	< 0.11	< 0.11
Aroclor 1260	**0.11 J**	< 0.11 J	**0.13**	< 0.57	< 0.56	< 0.11 J	< 0.12	< 0.1	< 0.12	< 0.11	**0.058 J**
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.11**	**1.6**	**0.26**	**1.7**	**5.7**	**0.038**	**0.30**	0.00	**0.076**	0.00	**0.058**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nZZB-21-14	nZZB-25-14	nZZC-11-14	nZZC-12-14	nZZC-14-14	nZZC-17-14	nZZC-19-14	nZZC-21-14	O-10-14	O-10-14	O-11-14
Sample Depth (ft):	1	1	1	1	1	1	1	1	11	13	13
Date Sampled:	1/12/2015	1/12/2015	1/12/2015	12/15/2014	1/12/2015	1/12/2015	12/15/2014	1/12/2015	12/3/2014	12/3/2014	12/3/2014
Sample ID:	nZZB-21-14_1	nZZB-25-14_1	nZZC-11-14_1	nZZC-12-14_1	nZZC-14-14_1	nZZC-17-14_1	nZZC-19-14_1	nZZC-21-14_1	O-10-14_11	O-10-14_13	O-11-14_13
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.11	< 0.58	< 0.11	< 0.1	< 0.11	< 0.12	< 0.11	< 1.1	< 1500	< 650	< 610
Aroclor 1221	< 0.11	< 0.58	< 0.11	< 0.1	< 0.11	< 0.12	< 0.11	< 1.1	< 1500	< 650	< 610
Aroclor 1232	< 0.11	< 0.58	< 0.11	< 0.1	< 0.11	< 0.12	< 0.11	< 1.1	< 1500	< 650	< 610
Aroclor 1242	< 0.11	< 0.58	< 0.11	< 0.1	< 0.11	< 0.12	< 0.11	< 1.1	**15000**	**2200**	**1900**
Aroclor 1248	< 0.11	**8.2**	**0.054 J**	< 0.1	< 0.11	< 0.12	< 0.11	**10**	< 1500	< 650	< 610
Aroclor 1254	< 0.11	**1.6**	< 0.11	**0.094 J**	**0.03 J**	< 0.12	< 0.11	**1.6**	< 1500	< 650	< 610
Aroclor 1260	**0.2**	< 0.58	< 0.11	< 0.1	< 0.11	< 0.12	< 0.11	< 1.1	< 1500	< 650	< 610
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.20**	**9.8**	**0.054**	**0.094**	**0.030**	0.00	0.00	**12**	**15000**	**2200**	**1900**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	O-12-14	O-12-14	O-20-14	O-9-14	P-10-14	P-10-14	P-10-14	P-9-14	P-9-14	P-9-14	P-9-14
Sample Depth (ft):	3	5	9	13	13	15	17	10	12	14	16
Date Sampled:	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014
Sample ID:	O-12-14_3	O-12-14_5	O-20-14_9	O-9-14_13	P-10-14_13	P-10-14_15	P-10-14_17	P-9-14_10	P-9-14_12	P-9-14_14	P-9-14_16
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.1	< 1.1	< 0.1	< 130	< 610	< 61	< 1.2	< 0.11 J	< 1.1 J	< 0.56 J	< 0.54 J
Aroclor 1221	< 0.1	< 1.1	< 0.1	< 130	< 610	< 61	< 1.2	< 0.11 J	< 1.1 J	< 0.56 J	< 0.54 J
Aroclor 1232	< 0.1	< 1.1	< 0.1	< 130	< 610	< 61	< 1.2	< 0.11 J	< 1.1 J	< 0.56 J	< 0.54 J
Aroclor 1242	**0.1**	**14**	**0.034 J**	**290**	**4800**	**650**	**9.6**	**1 J**	< 1.1 J	< 0.56 J	< 0.54 J
Aroclor 1248	< 0.1	< 1.1	< 0.1	< 130	< 610	< 61	< 1.2	< 0.11 J	< 1.1 J	**0.8 J**	< 0.54 J
Aroclor 1254	< 0.1	< 1.1	< 0.1	< 130	< 610	< 61	**2.9**	**0.33 J**	**6.7 J**	**0.57 J**	**2.2 J**
Aroclor 1260	< 0.1	< 1.1	< 0.1	< 130	< 610	< 61	< 1.2	< 0.11 J	< 1.1 J	< 0.56 J	< 0.54 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.10**	**14**	**0.034**	**290**	**4800**	**650**	**13**	**1.3**	**6.7**	**1.4**	**2.2**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	P-9-14	S-18-14	S-20-14	S-22-14	U-18-14	U-18-14	U-18-14	U-18-14	U-20-14	U-22-14	W-18-14
Sample Depth (ft):	18	1	1	1	3	5	7	9	1	1	3
Date Sampled:	11/6/2014	11/14/2014	11/14/2014	11/14/2014	11/14/2014	11/14/2014	11/14/2014	11/14/2014	11/14/2014	11/14/2014	11/14/2014
Sample ID:	P-9-14_18	S-18-14_1	S-20-14_1	S-22-14_1	U-18-14_3	U-18-14_5	U-18-14_7	U-18-14_9	U-20-14_1	U-22-14_1	W-18-14_3
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	< 0.12 J	< 0.11 J	< 1.1 J	< 0.1 J	< 0.11 J	< 0.1 J	< 0.11 J	< 0.1 J	< 0.1 J	< 0.11 J	< 0.11 J
Aroclor 1221	< 0.12 J	< 0.11 J	< 1.1 J	< 0.1 J	< 0.11 J	< 0.1 J	< 0.11 J	< 0.1 J	< 0.1 J	< 0.11 J	< 0.11 J
Aroclor 1232	< 0.12 J	< 0.11 J	< 1.1 J	< 0.1 J	< 0.11 J	< 0.1 J	< 0.11 J	< 0.1 J	< 0.1 J	< 0.11 J	< 0.11 J
Aroclor 1242	< 0.12 J	< 0.11 J	< 1.1 J	< 0.1 J	**0.26 J**	< 0.1 J	< 0.11 J	< 0.1 J	< 0.1 J	< 0.11 J	< 0.11 J
Aroclor 1248	< 0.12 J	**1.3 J**	**6.2 J**	**0.24 J**	< 0.11 J	< 0.1 J	< 0.11 J	< 0.1 J	**0.65 J**	**0.45 J**	**0.051 J**
Aroclor 1254	< 0.12 J	**0.36 J**	< 1.1 J	**0.22 J**	< 0.11 J	< 0.1 J	< 0.11 J	< 0.1 J	< 0.1 J	**0.16 J**	< 0.11 J
Aroclor 1260	< 0.2 J	< 0.11 J	**0.49 J**	< 0.1 J	< 0.11 J	< 0.1 J	< 0.11 J	< 0.1 J	< 0.1 J	< 0.11 J	< 0.11 J
Aroclor 1262	--	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	0.00	**1.7**	**6.7**	**0.46**	**0.26**	0.00	0.00	0.00	**0.65**	**0.61**	**0.051**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	W-18-14	W-18-14	W-18-14	Y-18-14	Y-18-14	Y-18-14	Y-18-14
Sample Depth (ft):	5	7	9	3	5	7	9
Date Sampled:	11/14/2014	11/14/2014	11/14/2014	11/14/2014	11/14/2014	11/14/2014	11/14/2014
Sample ID:	W-18-14_5	W-18-14_7	W-18-14_9	Y-18-14_3	Y-18-14_5	Y-18-14_7	Y-18-14_9
CONSTITUENT (unit in mg/kg)							
Aroclor 1016	< 54 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J
Aroclor 1221	< 54 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J
Aroclor 1232	< 54 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J
Aroclor 1242	< 54 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J
Aroclor 1248	< 54 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	**0.18 J**	< 0.11 J
Aroclor 1254	< 54 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J
Aroclor 1260	< 250 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J
Aroclor 1262	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--
Total PCBs	0.00	0.00	0.00	0.00	0.00	**0.18**	0.00

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	*53-AC*	*53-AC*	*53-AC*	*53-AC*	*53-AC*	*57-AC*	*57-AC*	*57-AC*	*57-AC*	*58-AC*	*58-AC*
Sample Depth (ft):	*0-0.16*	*0.16-1*	*0.16-1*	*1-2*	*2-3*	*0-0.16*	*0.16-1*	*1-2*	*2-3*	*0-0.16*	*0.16-1*
Date Sampled:	*4/17/2015*	*4/17/2015*	*4/17/2015*	*4/17/2015*	*4/17/2015*	*4/17/2015*	*4/17/2015*	*4/17/2015*	*4/17/2015*	*4/17/2015*	*4/17/2015*
Sample ID:	*53-AC-01*	*53-AC-02*	*53-AC-02 DUP*	*53-AC-03*	*53-AC-04*	*57-AC-01*	*57-AC-02*	*57-AC-03*	*57-AC-04*	*58-AC-01*	*58-AC-02*
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	*< 0.037*	*< 0.037*	*< 0.36*	*< 0.17*	*< 0.036*	*< 0.038*	*< 0.038*	*< 0.035*	*< 0.032*	*< 0.037*	*< 0.038*
Aroclor 1221	*< 0.037*	*< 0.037*	*< 0.36*	*< 0.17*	*< 0.036*	*< 0.038*	*< 0.038*	*< 0.035*	*< 0.032*	*< 0.037*	*< 0.038*
Aroclor 1232	*< 0.037*	*< 0.037*	*< 0.36*	*< 0.17*	*< 0.036*	*< 0.038*	*< 0.038*	*< 0.035*	*< 0.032*	*< 0.037*	*< 0.038*
Aroclor 1242	*< 0.037*	*< 0.037*	*< 0.36*	*< 0.17*	*< 0.036*	*< 0.038*	*< 0.038*	*< 0.035*	*< 0.032*	*< 0.037*	*< 0.038*
Aroclor 1248	***6.01***	***17.4***	***49.1***	***2.65***	***0.138***	***4.56***	***4.17***	***0.93***	***0.145***	***2.2***	***0.472***
Aroclor 1254	*< 0.037*	*< 0.037*	*< 0.36*	*< 0.17*	*< 0.036*	***1.45***	***1.32***	***0.437***	***0.0547***	***0.978***	***0.248***
Aroclor 1260	*< 0.037*	*< 0.037*	*< 0.36*	*< 0.17*	*< 0.036*	*< 0.038*	*< 0.038*	*< 0.035*	*< 0.032*	*< 0.037*	*< 0.038*
Aroclor 1262	*< 0.037*	*< 0.037*	*< 0.36*	*< 0.17*	*< 0.036*	*< 0.038*	*< 0.038*	*< 0.035*	*< 0.032*	*< 0.037*	*< 0.038*
Aroclor 1268	*< 0.037*	*< 0.037*	*< 0.36*	*< 0.17*	*< 0.036*	*< 0.038*	*< 0.038*	*< 0.035*	*< 0.032*	*< 0.037*	*< 0.038*
Total PCBs	***6.01***	***17.4***	***49.1***	***2.65***	***0.138***	***6.01***	***5.49***	***1.367***	***0.1997***	***3.178***	***0.72***

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	58-AC	58-AC	62-AC	62-AC	63-AC	63-AC	63-AC	63-AC	66-AC	66-AC	66-AC	66-AC
Sample Depth (ft):	1-2	2-3	0-0.16	0.16-1	0-0.16	2-12	1-2	2-3	0-0.16	0.16-1	0.16-1	1-2
Date Sampled:	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015
Sample ID:	58-AC-03	58-AC-04	62-AC-01	62-AC-02	63-AC-01	63-AC-02	63-AC-03	63-AC-04	66-AC-01	66-AC-02 DUP	66-AC-02	66-AC-03
CONSTITUENT (unit in mg/kg)												
Aroclor 1016	< 0.036	< 0.033	< 0.041	< 0.04	< 0.04	< 0.042	< 0.04	< 0.033	< 0.038	< 0.039	< 0.039	< 0.038
Aroclor 1221	< 0.036	< 0.033	< 0.041	< 0.04	< 0.04	< 0.042	< 0.04	< 0.033	< 0.038	< 0.039	< 0.039	< 0.038
Aroclor 1232	< 0.036	< 0.033	< 0.041	< 0.04	< 0.04	< 0.042	< 0.04	< 0.033	< 0.038	< 0.039	< 0.039	< 0.038
Aroclor 1242	< 0.036	< 0.033	< 0.041	< 0.04	< 0.04	< 0.042	< 0.04	< 0.033	< 0.038	< 0.039	< 0.039	< 0.038
Aroclor 1248	**0.103**	< 0.033	< 0.041	**0.341**	**4.14**	**2.34**	**0.35**	**0.143**	**4.26**	**1.01**	**1.38**	**0.227**
Aroclor 1254	0.0758	< 0.033	< 0.041	< 0.04	**2**	**1.32**	**0.208**	**0.0792**	**2.63**	< 0.039	**1.41**	**0.228**
Aroclor 1260	< 0.036	< 0.033	< 0.041	< 0.04	< 0.04	< 0.042	< 0.04	< 0.033	< 0.038	< 0.039	< 0.039	< 0.038
Aroclor 1262	< 0.036	< 0.033	< 0.041	< 0.04	< 0.04	< 0.042	< 0.04	< 0.033	< 0.038	< 0.039	< 0.039	< 0.038
Aroclor 1268	< 0.036	< 0.033	< 0.041	< 0.04	< 0.04	< 0.042	< 0.04	< 0.033	< 0.038	< 0.039	< 0.039	< 0.038
Total PCBs	**0.1788**	**< 0.033 U**	**< 0.041 U**	**0.341**	**6.14**	**3.66**	**0.558**	**0.2222**	**6.89**	**1.01**	**2.79**	**0.455**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	66-AC	67-AC	67-AC	67-AC	67-AC	68-AC	68-AC	68-AC	68-AC	69-AC	69-AC	69-AC
Sample Depth (ft):	2-3	0-0.16	0.16-1	1-2	2-3	0-0.16	0.16-1	1-2	2-3	0-0.16	0.16-1	1-2
Date Sampled:	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015
Sample ID:	66-AC-04	67-AC-01	67-AC-02	67-AC-03	67-AC-04	68-AC-01	68-AC-02	68-AC-03	68-AC-04	69-AC-01	69-AC-02	69-AC-03-
CONSTITUENT (unit in mg/kg)												
Aroclor 1016	< 0.033	< 0.74	< 0.19	< 0.037	< 0.037	< 0.37	< 0.18	< 0.034	< 0.037	< 0.2	< 0.2	< 0.035
Aroclor 1221	< 0.033	< 0.74	< 0.19	< 0.037	< 0.037	< 0.37	< 0.18	< 0.034	< 0.037	< 0.2	< 0.2	< 0.035
Aroclor 1232	< 0.033	< 0.74	< 0.19	< 0.037	< 0.037	< 0.37	< 0.18	< 0.034	< 0.037	< 0.2	< 0.2	< 0.035
Aroclor 1242	< 0.033	< 0.74	< 0.19	< 0.037	< 0.037	< 0.37	< 0.18	< 0.034	< 0.037	< 0.2	< 0.2	< 0.035
Aroclor 1248	**0.304**	**16.9**	**3.39**	**1.26**	**0.529**	**5.22**	**3.26**	**0.691**	**0.0759**	**2.25**	**2.75**	**0.16**
Aroclor 1254	**0.217**	< 0.74	< 0.19	**0.444**	**0.195**	**1.82**	**1.62**	**0.465**	< 0.037	**2.04**	**2.56**	**0.203**
Aroclor 1260	< 0.033	< 0.74	< 0.19	0.0602	< 0.037	< 0.37	< 0.18	0.0649	< 0.037	< 0.2	< 0.2	< 0.035
Aroclor 1262	< 0.033	< 0.74	< 0.19	< 0.037	< 0.037	< 0.37	< 0.18	< 0.034	< 0.037	< 0.2	< 0.2	< 0.035
Aroclor 1268	< 0.033	< 0.74	< 0.19	< 0.037	< 0.037	< 0.37	< 0.18	< 0.034	< 0.037	< 0.2	< 0.2	< 0.035
Total PCBs	**0.521**	**16.9**	**3.39**	**1.7642**	**0.724**	**7.04**	**4.88**	**1.2209**	**0.0759**	**4.29**	**5.31**	**0.363**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	69-AC	70-AC	70-AC	70-AC	70-AC	71-AC	71-AC	71-AC	71-AC	71-AC	72-AC	72-AC
Sample Depth (ft):	2-3	0-0.16	0.16-1	1-2	2-3	0-0.16	0.16-1	0.16-1	1-2	2-3	0-0.16	0.16-1
Date Sampled:	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/17/2015	4/16/2015	4/16/2015
Sample ID:	69-AC-04	70-AC-01	70-AC-02	70-AC-03	70-AC-04	71-AC-01	71-AC-02	71-AC-02	71-AC-03	71-AC-04	72-AC-01	72-AC-02
CONSTITUENT (unit in mg/kg)												
Aroclor 1016	< 0.032	< 0.2	< 0.18	< 0.039	< 0.036	< 0.039	< 0.037	< 0.039	< 0.034	< 0.038	< 0.036	< 0.04
Aroclor 1221	< 0.032	< 0.2	< 0.18	< 0.039	< 0.036	< 0.039	< 0.037	< 0.039	< 0.034	< 0.038	< 0.036	< 0.04
Aroclor 1232	< 0.032	< 0.2	< 0.18	< 0.039	< 0.036	< 0.039	< 0.037	< 0.039	< 0.034	< 0.038	< 0.036	< 0.04
Aroclor 1242	< 0.032	< 0.2	< 0.18	< 0.039	< 0.036	**0.22**	**0.227**	**0.256**	< 0.034	< 0.038	**2.38**	< 0.04
Aroclor 1248	**0.125**	**2.48**	**1.14**	**0.591**	**0.077**	< 0.039	< 0.037	< 0.039	**0.16**	< 0.038	< 0.036	< 0.04
Aroclor 1254	**0.132**	**1.82**	**0.819**	**0.376**	**0.125**	**0.497**	**0.601**	**0.68**	**0.31**	< 0.038	**1.57**	**0.0706**
Aroclor 1260	< 0.032	< 0.2	< 0.18	0.0665	< 0.036	**0.102**	**0.134**	**0.147**	< 0.034	< 0.038	**0.38**	< 0.04
Aroclor 1262	< 0.032	< 0.2	< 0.18	< 0.039	< 0.036	< 0.039	< 0.037	< 0.039	< 0.034	< 0.038	< 0.036	< 0.04
Aroclor 1268	< 0.032	< 0.2	< 0.18	< 0.039	< 0.036	< 0.039	< 0.037	< 0.039	< 0.034	< 0.038	< 0.036	< 0.04
Total PCBs	**0.257**	**4.3**	**1.959**	**1.0335**	**0.202**	**0.819**	**0.962**	**1.083**	**0.47**	**< 0.038 U**	**4.33**	**0.0706**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	72-AC	72-AC	73-AC	73-AC	73-AC	73-AC	74-AC	74-AC	74-AC	74-AC	75-AC	75-AC
Sample Depth (ft):	1-2	2-3	0-0.16	0.16-1	1-2	2-3	0-0.16	0.16-1	1-2	2-3	0-0.16	0.16-1
Date Sampled:	4/16/2015	4/16/2015	4/16/2015	4/16/2015	4/16/2015	4/16/2015	4/16/2015	4/16/2015	4/16/2015	4/16/2015	4/16/2015	4/16/2015
Sample ID:	72-AC-03	72-AC-04	73-AC-01	73-AC-02	73-AC-03	73-AC-04	74-AC-01	74-AC-02	74-AC-03	74-AC-04	75-AC-01	75-AC-02
CONSTITUENT (unit in mg/kg)												
Aroclor 1016	< 0.038	< 0.034	< 0.036	< 0.038	< 0.039	< 0.035	< 0.038	< 0.038	< 0.034	< 0.035	< 0.036	< 0.034
Aroclor 1221	< 0.038	< 0.034	< 0.036	< 0.038	< 0.039	< 0.035	< 0.038	< 0.038	< 0.034	< 0.035	< 0.036	< 0.034
Aroclor 1232	< 0.038	< 0.034	< 0.036	< 0.038	< 0.039	< 0.035	< 0.038	< 0.038	< 0.034	< 0.035	< 0.036	< 0.034
Aroclor 1242	< 0.038	< 0.034	**0.37**	**0.539**	< 0.039	< 0.035	**2.21**	**0.995**	**0.137**	< 0.035	**0.662**	**0.266**
Aroclor 1248	**0.13**	**0.109**	< 0.036	< 0.038	**0.0909**	**0.0695**	< 0.038	< 0.038	< 0.034	**0.09**	< 0.036	< 0.034
Aroclor 1254	**0.111**	**0.0673**	**0.383**	**0.641**	< 0.039	0.0739	**1.44**	**0.946**	**0.144**	**0.0706**	**0.583**	**0.307**
Aroclor 1260	< 0.038	< 0.034	**0.166**	**0.161**	< 0.039	< 0.035	**0.33**	**0.231**	**0.0551**	< 0.035	**0.114**	**0.0674**
Aroclor 1262	< 0.038	< 0.034	< 0.036	< 0.038	< 0.039	< 0.035	< 0.038	< 0.038	< 0.034	< 0.035	< 0.036	< 0.034
Aroclor 1268	< 0.038	< 0.034	< 0.036	< 0.038	< 0.039	< 0.035	< 0.038	< 0.038	< 0.034	< 0.035	< 0.036	< 0.034
Total PCBs	**0.241**	**0.1763**	**0.919**	**1.341**	**0.0909**	**0.1434**	**3.98**	**2.172**	**0.3361**	**0.1606**	**1.359**	**0.6404**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	*75-AC*	*75-AC*	*76-AC*	*76-AC*	*76-AC*	*76-AC*	*76-AC*	AE-22-15	AG-22-15	AG-23-15	AG-23-15
Sample Depth (ft):	*1-2*	*2-3*	*0-0.16*	*0.16-1*	*0.16-1*	*1-2*	*2-3*	0-0.15	0-0.15	0-2	2-4
Date Sampled:	*4/16/2015*	*4/16/2015*	*4/16/2015*	*4/16/2015*	*4/16/2015*	*4/16/2015*	*4/16/2015*	4/24/2015	4/24/2015	5/13/2015	5/13/2015
Sample ID:	*75-AC-03*	*75-AC-04*	*75-AC-04*	*76-AC-02*	*76-AC-02-DUP*	*76-AC-03*	*76-AC-04*	AE-22-15	AG-22-15	AG-23-15(0-2)	AG-23-15(2-4)
CONSTITUENT (unit in mg/kg)											
Aroclor 1016	*< 0.034*	*< 0.038*	*< 0.037*	*< 0.035*	*< 0.033*	*< 0.033*	*< 0.039*	< 0.67	< 0.13	< 0.12	< 0.12
Aroclor 1221	*< 0.034*	*< 0.038*	*< 0.037*	*< 0.035*	*< 0.033*	*< 0.033*	*< 0.039*	< 0.67	< 0.13	< 0.12	< 0.12
Aroclor 1232	*< 0.034*	*< 0.038*	*< 0.037*	*< 0.035*	*< 0.033*	*< 0.033*	*< 0.039*	< 0.67	< 0.13	< 0.12	< 0.12
Aroclor 1242	*< 0.034*	*< 0.038*	***2.12***	***0.569***	***0.599***	*< 0.033*	*< 0.039*	< 0.67	< 0.13	< 0.12	< 0.12
Aroclor 1248	***0.0592***	*< 0.038*	*< 0.037*	*< 0.035*	*< 0.033*	***0.162***	***0.0809***	**0.38 J**	**1.1**	**0.15**	< 0.12
Aroclor 1254	***0.0458***	*< 0.038*	***4.33***	***1.07***	***1.1***	***0.246***	***0.121***	**0.45 J**	**0.62**	< 0.12	< 0.12
Aroclor 1260	*< 0.034*	*< 0.038*	***0.639***	***0.223***	***0.235***	***0.0427***	*< 0.039*	< 0.67	**0.17**	< 0.12	< 0.12
Aroclor 1262	*< 0.034*	*< 0.038*	*< 0.037*	*< 0.035*	*< 0.033*	*< 0.033*	*< 0.039*	--	--	--	--
Aroclor 1268	*< 0.034*	*< 0.038*	*< 0.037*	*< 0.035*	*< 0.033*	*< 0.033*	*< 0.039*	--	--	--	--
Total PCBs	***0.105***	*< 0.038 U*	***7.089***	***1.862***	***1.934***	***0.4507***	***0.2019***	**0.83**	**1.89**	**0.15**	< 0.12 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	AG-23-15	AG-23-15	AG-23-15	AG-23-15	AH-20-15	AJ-18-15	AJ-18-15	AJ-18-15	AJ-18-15	AJ-18-15
Sample Depth (ft):	4-6	6-8	8-10	8-10	0-0.15	0-2	2-4	4-6	6-8	8-10
Date Sampled:	5/13/2015	5/13/2015	5/13/2015	5/13/2015	4/24/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015
Sample ID:	AG-23-15(4-6)	AG-23-15(6-8)	AG-23-15(8-10)	DUP051315DM5	AH-20-15	AJ-18-15 (0-2)	AJ-18-15 (2-4)	AJ-18-15 (4-6)	AJ-18-15 (6-8)	AJ-18-15 (8-10)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.1	< 0.11	< 0.12	< 0.51	< 0.1	< 0.52	< 0.1	< 0.11
Aroclor 1221	< 0.1	< 0.1	< 0.1	< 0.11	< 0.12	< 0.51	< 0.1	< 0.52	< 0.1	< 0.11
Aroclor 1232	< 0.1	< 0.1	< 0.1	< 0.11	< 0.12	< 0.51	< 0.1	< 0.52	< 0.1	< 0.11
Aroclor 1242	< 0.1	< 0.1	< 0.1	< 0.11	< 0.12	< 0.51	< 0.1	< 0.52	< 0.1	< 0.11
Aroclor 1248	< 0.1	< 0.1	< 0.1	< 0.11	**0.18**	**1.4**	**0.052 J**	**1.9**	< 0.1	< 0.11
Aroclor 1254	< 0.1	< 0.1	< 0.1	< 0.11	**0.23**	< 0.51	< 0.1	< 0.52	< 0.1	< 0.11
Aroclor 1260	< 0.1	< 0.1	< 0.1	< 0.11	**0.094 J**	< 0.51	< 0.1	< 0.52	< 0.1	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.1 U	< 0.1 U	< 0.1 U	< 0.11 U	**0.504**	**1.4**	**0.052**	**1.9**	< 0.1 U	< 0.11 U

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	AJ-25-15	AJ-25-15	AJ-25-15	AJ-25-15	AJ-25-15	AJ-25-15	AP-25-15	AP-25-15	AP-25-15	AP-25-15
Sample Depth (ft):	0-2	2-4	4-6	6-8	8-10	8-10	0-2	2-4	4-6	6-7
Date Sampled:	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015
Sample ID:	AJ-25-15(0-2)	AJ-25-15(2-4)	AJ-25-15(4-6)	AJ-25-15(6-8)	AJ-25-15(8-10)	DUP051315DM4	AP-25-15(0-2)	AP-25-15(2-4)	AP-25-15(4-6)	AP-25-15(6-8)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 5.3	< 0.12	< 0.1	< 0.1	< 0.1	< 0.1	< 1.1	< 1.1	< 0.1	< 0.1
Aroclor 1221	< 5.3	< 0.12	< 0.1	< 0.1	< 0.1	< 0.1	< 1.1	< 1.1	< 0.1	< 0.1
Aroclor 1232	< 5.3	< 0.12	< 0.1	< 0.1	< 0.1	< 0.1	< 1.1	< 1.1	< 0.1	< 0.1
Aroclor 1242	< 5.3	< 0.12	< 0.1	< 0.1	< 0.1	< 0.1	< 1.1	< 1.1	< 0.1	< 0.1
Aroclor 1248	**38**	< 0.12	< 0.1	< 0.1	< 0.1	< 0.1	**7.1**	**8.1**	**0.45**	< 0.1
Aroclor 1254	**12**	< 0.12	< 0.1	< 0.1	< 0.1	< 0.1	**2.2**	**2.2**	**0.15**	< 0.1
Aroclor 1260	< 5.3	< 0.12	< 0.1	< 0.1	< 0.1	< 0.1	< 1.1	< 1.1	< 0.1	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**50**	< 0.12 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	**9.3**	**10.3**	**0.6**	< 0.1 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	AP-25-15	AT-25-15	AT-25-15	AT-25-15	AT-25-15	AT-25-15	AT-25-15	BC-17-15	BC-17-15	BC-17-15
Sample Depth (ft):	8-10	0-2	2-4	4-6	6-8	8-10	8-10	0-2	2-4	4-6
Date Sampled:	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/4/2015	5/4/2015	5/4/2015
Sample ID:	AP-25-15(8-10)	AT-25-15(0-2)	AT-25-15(2-4)	AT-25-15(4-6)	AT-25-15(6-8)	DUP051315DM2	AT-25-15(8-10)	BC-17-15 (0-2)	BC-17-15 (2-4)	BC-17-15 (4-6)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.53	< 0.56	< 0.52	< 0.1	< 0.1	< 0.11	< 0.1	< 0.11	< 0.11
Aroclor 1221	< 0.1	< 0.53	< 0.56	< 0.52	< 0.1	< 0.1	< 0.11	< 0.1	< 0.11	< 0.11
Aroclor 1232	< 0.1	< 0.53	< 0.56	< 0.52	< 0.1	< 0.1	< 0.11	< 0.1	< 0.11	< 0.11
Aroclor 1242	< 0.1	< 0.53	< 0.56	< 0.52	< 0.1	< 0.1	< 0.11	< 0.1	< 0.11	< 0.11
Aroclor 1248	< 0.1	**3.5**	< 0.56	< 0.52	< 0.1	< 0.1	< 0.11	< 0.1	**0.18**	< 0.11
Aroclor 1254	< 0.1	< 0.53	< 0.56	< 0.52	< 0.1	< 0.1	< 0.11	**0.085 J**	**0.22**	**0.044 J**
Aroclor 1260	< 0.1	**0.62**	**0.91**	**2.1**	**0.58**	**0.29**	**0.46**	< 0.1	< 0.11	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.1 U	**4.12**	**0.91**	**2.1**	**0.58**	**0.29**	**0.46**	**0.085**	**0.4**	**0.044**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	BC-17-15	BC-17-15	BD-19-15	BD-19-15	BD-19-15	BD-19-15	BD-19-15	BE-26-15	BE-26-15	BE-26-15
Sample Depth (ft):	6-8	8-10	0-2	2-4	4-6	6-8	8-10	0-2	2-4	4-6
Date Sampled:	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/13/2015	5/13/2015	5/13/2015
Sample ID:	BC-17-15 (6-8)	BC-17-15 (8-10)	BD-19-15 (0-2)	BD-19-15 (2-4)	BD-19-15 (4-6)	BD-19-15 (6-8)	BD-19-15 (8-10)	BE-26-15(0-2)	BE-26-15(2-4)	BE-26-15(4-6)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11
Aroclor 1221	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11
Aroclor 1232	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11
Aroclor 1242	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11
Aroclor 1248	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11
Aroclor 1254	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11
Aroclor 1260	< 0.1	< 0.1	< 0.1	**0.052 J**	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.1 U	< 0.1 U	< 0.1 U	**0.052**	< 0.1 U	< 0.1 U	< 0.1 U	< 0.11 U	< 0.11 U	< 0.11 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	BE-26-15	BE-26-15	BE-26-15	BF-24-15	BF-24-15	BF-24-15	BF-24-15	BF-24-15	BF-24-15	C-6-15
Sample Depth (ft):	4-6	6-8	8-10	0-2	2-4	4-6	6-8	8-10	8-10	0-2
Date Sampled:	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/8/2015
Sample ID:	DUP051315TM7	BE-26-15(6-8)	BE-26-15(8-10)	BF-24-15(0-2)	BF-24-15(2-4)	BF-24-15(4-6)	BF-24-15(6-8)	BF-24-15(8-10)	DUP051315DM1	C-6-15(0-2)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.11	< 0.1	< 0.098	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.53
Aroclor 1221	< 0.11	< 0.1	< 0.098	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.53
Aroclor 1232	< 0.11	< 0.1	< 0.098	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.53
Aroclor 1242	**0.032 J**	< 0.1	< 0.098	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.53
Aroclor 1248	< 0.11	< 0.1	< 0.098	**0.52**	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	**3.3**
Aroclor 1254	< 0.11	< 0.1	< 0.098	**0.59**	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.53
Aroclor 1260	< 0.11	< 0.1	< 0.098	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.53
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.032**	< 0.1 U	< 0.098 U	**1.11**	< 0.11 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.11 U	**3.3**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	C-6-15	C-6-15	C-6-15	C-6-15	C-6-15	C-6-15	C-6-15	C-6-15	C-6-15	C-6-15
Sample Depth (ft):	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	16-18	18-20
Date Sampled:	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015
Sample ID:	C-6-15(2-4)	C-6-15(4-6)	C-6-15(6-8)	C-6-15(8-10)	C-6-15(10-12)	C-6-15(12-14)	C-6-15(14-16)	C-6-15(16-18)	DUP050815DD3	C-6-15(18-20)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 54	< 0.55	< 0.59	< 0.11	< 0.57	< 1.1	< 0.98	< 0.93	< 1	< 0.1
Aroclor 1221	< 54	< 0.55	< 0.59	< 0.11	< 0.57	< 1.1	< 0.98	< 0.93	< 1	< 0.1
Aroclor 1232	< 54	< 0.55	< 0.59	< 0.11	< 0.57	< 1.1	< 0.98	< 0.93	< 1	< 0.1
Aroclor 1242	**480**	**4.9**	**1.2**	**0.11**	**0.99 P**	**20**	< 0.98	< 0.93	1.6	< 0.1
Aroclor 1248	< 54	< 0.55	< 0.59	< 0.11	< 0.57	< 1.1	< 0.98	< 0.93	< 1	< 0.1
Aroclor 1254	< 54	< 0.55	**0.49 JP**	**0.14 P**	**0.64**	< 1.1	**5.5**	**4.2**	**4.2 P**	< 0.1
Aroclor 1260	< 54	< 0.55	**1.5**	**0.22**	**1.7**	< 1.1	< 0.98	**1.3 P**	**1.9 P**	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**480**	**4.9**	**3.19**	**0.47**	**3.33**	**20**	**5.5**	**5.5**	**7.7**	< 0.1 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	C-6-15	C-6-15	C-6-15	C-6-15	C-6-15	D-20-15	D-20-15	D-20-15	D-20-15	D-20-15
Sample Depth (ft):	20-22	22-24	24-26	26-28	28-30	0-2	2-4	4-6	6-8	8-10
Date Sampled:	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	C-6-15(20-22)	C-6-15(22-24)	C-6-15(24-26)	C-6-15(26-28)	C-6-15(28-30)	D-20-15(0-2)	D-20-15(2-4)	D-20-15(4-6)	D-20-15(6-8)	D-20-15(8-10)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.1	< 0.11	< 0.11
Aroclor 1221	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.1	< 0.11	< 0.11
Aroclor 1232	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.1	< 0.11	< 0.11
Aroclor 1242	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.1	< 0.11	< 0.11
Aroclor 1248	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	**0.57**	**0.21**	**0.97**	**0.61**	< 0.11
Aroclor 1254	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.1	< 0.11	< 0.11
Aroclor 1260	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.1	**0.19**	**0.37**
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	**0.57**	**0.21**	**0.97**	**0.8**	**0.37**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	D-20-15	D-20-15	D-20-15	D-20-15	D-20-15	D-20-15	D-20-15	D-20-15	D-20-15	D-20-15
Sample Depth (ft):	10-12	12-14	14-16	16-18	18-20	20-22	22-24	24-26	26-28	28-30
Date Sampled:	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	D-20-15(10-12)	D-20-15(12-14)	D-20-15(14-16)	D-20-15(16-18)	D-20-15(18-20)	D-20-15(20-22)	D-20-15(22-24)	D-20-15(24-26)	D-20-15(26-28)	D-20-15(28-30)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.11	< 0.11	< 0.11	< 1.1	< 0.1	< 1.1	< 0.1	< 0.11	< 0.55	< 0.1
Aroclor 1221	< 0.11	< 0.11	< 0.11	< 1.1	< 0.1	< 1.1	< 0.1	< 0.11	< 0.55	< 0.1
Aroclor 1232	< 0.11	< 0.11	< 0.11	< 1.1	< 0.1	< 1.1	< 0.1	< 0.11	< 0.55	< 0.1
Aroclor 1242	**0.72**	< 0.11	< 0.11	**17**	**0.28**	**15**	< 0.1	**1.6**	**5.3**	< 0.1
Aroclor 1248	< 0.11	**0.73**	**0.32**	< 1.1	< 0.1	< 1.1	< 0.1	< 0.11	< 0.55	< 0.1
Aroclor 1254	< 0.11	< 0.11	**0.3**	< 1.1	< 0.1	< 1.1	< 0.1	< 0.11	< 0.55	< 0.1
Aroclor 1260	< 0.11	< 0.11	**0.17**	< 1.1	< 0.1	< 1.1	< 0.1	< 0.11	< 0.55	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.72**	**0.73**	**0.79**	**17**	**0.28**	**15**	**< 0.1**	**1.6**	**5.3**	< 0.1

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	F-3-15	F-3-15	F-3-15	F-3-15	F-3-15	F-3-15	F-3-15	F-3-15	F-3-15	F-3-15
Sample Depth (ft):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20
Date Sampled:	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015
Sample ID:	F-3-15 (0-2)	F-3-15 (2-4)	F-3-15 (4-6)	F-3-15 (6-8)	F-3-15 (8-10)	F-3-15 (10-12)	F-3-15 (12-14)	F-3-15 (14-16)	F-3-15 (16-18)	F-3-15 (18-20)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 1.1	< 1.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1221	< 1.1	< 1.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1232	< 1.1	< 1.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1242	< 1.1	< 1.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1248	**13**	**11**	**0.032 J**	< 0.1	< 0.1	**1.1**	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1254	< 1.1	**12**	< 0.11	< 0.1	< 0.1	**0.69**	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1260	< 1.1	< 1.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**13**	**23**	**0.032**	< 0.1 U	< 0.1 U	**1.79**	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	F-3-15	F-3-15	F-3-15	F-3-15	F-3-15	G-7-15	G-7-15	G-7-15	G-7-15	G-7-15
Sample Depth (ft):	20-22	22-24	24-26	26-28	28-30	0-2	2-4	4-6	6-8	8-10
Date Sampled:	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015
Sample ID:	F-3-15 (20-22)	F-3-15 (22-24)	F-3-15 (24-26)	F-3-15 (26-28)	F-3-15 (28-30)	G-7-15(0-2)	G-7-15(2-4)	G-7-15(4-6)	G-7-15(6-8)	G-7-15(8-10)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.53	< 5.5	< 2.3	< 0.11	< 0.1
Aroclor 1221	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.53	< 5.5	< 2.3	< 0.11	< 0.1
Aroclor 1232	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.53	< 5.5	< 2.3	< 0.11	< 0.1
Aroclor 1242	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.53	**56**	**27**	**0.38**	**0.058 J**
Aroclor 1248	**0.16**	< 0.1	< 0.1	**0.24**	**0.044 J**	**7**	< 5.5	< 2.3	< 0.11	< 0.1
Aroclor 1254	**0.09 J**	< 0.1	< 0.1	**0.15**	**0.027 J**	**1.3**	< 5.5	< 2.3	< 0.11	< 0.1
Aroclor 1260	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	**0.53**	< 5.5	< 2.3	< 0.11	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.25**	< 0.1 U	< 0.1 U	**0.39**	**0.071**	**8.83**	**56**	**27**	**0.38**	**0.058**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	G-7-15	G-7-15	G-7-15	G-7-15	G-7-15	G-7-15	G-7-15	G-7-15	G-7-15	G-7-15
Sample Depth (ft):	10-12	12-14	14-16	16-18	18-20	20-22	22-24	24-26	26-28	28-30
Date Sampled:	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015
Sample ID:	G-7-15(10-12)	G-7-15(12-14)	G-7-15(14-16)	G-7-15(16-18)	G-7-15(18-20)	G-7-15(20-22)	G-7-15(22-24)	G-7-15(24-26)	G-7-15(26-28)	G-7-15(28-30)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1221	< 0.1	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1232	< 0.1	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1242	**0.11**	< 0.1	< 0.1	< 0.1	< 0.11	**0.052 J**	< 0.1	0.14	< 0.1	< 0.1
Aroclor 1248	< 0.1	< 0.1	**0.03 J**	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1254	< 0.1	< 0.1	**0.029 J**	< 0.1	< 0.11	< 0.1	< 0.1	**0.038 J**	< 0.1	< 0.1
Aroclor 1260	< 0.1	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.11**	< 0.1 U	**0.059**	< 0.1 U	< 0.11 U	**0.052**	< 0.1 U	**0.178**	< 0.1 U	< 0.1 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	H-7-15	H-7-15	H-7-15	H-7-15	H-7-15	H-7-15	H-7-15	H-7-15	H-7-15	H-7-15
Sample Depth (ft):	0-2	2-4	4-6	6-8	8-10	8-10	10-12	12-14	14-16	16-18
Date Sampled:	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015
Sample ID:	H-7-15(0-2)	H-7-15(2-4)	H-7-15(4-6)	H-7-15(6-8)	H-7-15(8-10)	DUP051315TM6	H-7-15(10-12)	H-7-15(12-14)	H-7-15(14-16)	H-7-15(16-18)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.12	< 1.1	< 2.1	< 2.2	< 0.11	< 0.11	< 0.11	< 0.6	< 11	< 0.1
Aroclor 1221	< 0.12	< 1.1	< 2.1	< 2.2	< 0.11	< 0.11	< 0.11	< 0.6	< 11	< 0.1
Aroclor 1232	< 0.12	< 1.1	< 2.1	< 2.2	< 0.11	< 0.11	< 0.11	< 0.6	< 11	< 0.1
Aroclor 1242	< 0.12	**8.1 P**	**31**	**37**	**0.18**	**0.37**	**1.3**	< 0.6	**73**	< 0.1
Aroclor 1248	**0.62**	< 1.1	< 2.1	< 2.2	< 0.11	< 0.11	< 0.11	< 0.6	< 11	< 0.1
Aroclor 1254	**0.37**	**2.2**	< 2.1	< 2.2	**0.29**	**0.43**	**1.1**	< 0.6	< 11	< 0.1
Aroclor 1260	< 0.12	< 1.1	< 2.1	< 2.2	**0.27**	**0.43**	**1.3**	**2.4**	< 11	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.99**	**10.3**	**31**	**37**	**0.74**	**1.23**	**3.7**	**2.4**	**73**	< 0.1 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	H-7-15	H-7-15	H-7-15	H-7-15	H-7-15	H-7-15	J-2-15	J-2-15	J-2-15	J-2-15
Sample Depth (ft):	18-20	20-22	22-24	24-26	26-28	28-30	0-2	2-4	4-6	6-8
Date Sampled:	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015
Sample ID:	H-7-15(18-20)	H-7-15(20-22)	H-7-15(22-24)	H-7-15(24-26)	H-7-15(26-28)	H-7-15(28-30)	J-2-15 (0-2)	J-2-15 (2-4)	J-2-15 (4-6)	J-2-15 (6-8)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.099	< 0.55	< 0.6	< 0.12	< 0.12
Aroclor 1221	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.099	< 0.55	< 0.6	< 0.12	< 0.12
Aroclor 1232	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.099	< 0.55	< 0.6	< 0.12	< 0.12
Aroclor 1242	**0.035 J**	< 0.11	< 0.1	< 0.1	< 0.1	< 0.099	< 0.55	< 0.6	< 0.12	< 0.12
Aroclor 1248	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.099	**3.5**	< 0.6	**0.3**	< 0.12
Aroclor 1254	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.099	**1.3**	**6.4**	**0.23**	< 0.12
Aroclor 1260	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.099	< 0.55	< 0.6	< 0.12	< 0.12
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.035**	< 0.11 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.099 U	**4.8**	**6.4**	**0.53**	< 0.12 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	J-2-15	J-2-15	J-2-15	J-2-15	J-2-15	J-2-15	J-2-15	J-2-15	J-2-15	J-2-15
Sample Depth (ft):	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24	24-26	26-28
Date Sampled:	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015
Sample ID:	J-2-15 (8-10)	J-2-15 (10-12)	J-2-15 (12-14)	J-2-15 (14-16)	J-2-15 (16-18)	J-2-15 (18-20)	J-2-15 (20-22)	J-2-15 (22-24)	J-2-15 (24-26)	J-2-15 (26-28)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.12	< 0.1	< 0.12	< 0.1	< 0.1	< 0.1	< 0.1	< 0.11
Aroclor 1221	< 0.1	< 0.1	< 0.12	< 0.1	< 0.12	< 0.1	< 0.1	< 0.1	< 0.1	< 0.11
Aroclor 1232	< 0.1	< 0.1	< 0.12	< 0.1	< 0.12	< 0.1	< 0.1	< 0.1	< 0.1	< 0.11
Aroclor 1242	< 0.1	< 0.1	< 0.12	< 0.1	< 0.12	< 0.1	< 0.1	< 0.1	< 0.1	< 0.11
Aroclor 1248	< 0.1	< 0.1	< 0.12	< 0.1	< 0.12	< 0.1	**0.28**	< 0.1	< 0.1	< 0.11
Aroclor 1254	< 0.1	< 0.1	< 0.12	< 0.1	< 0.12	< 0.1	**0.2**	< 0.1	< 0.1	**0.12**
Aroclor 1260	< 0.1	< 0.1	< 0.12	< 0.1	< 0.12	< 0.1	< 0.1	< 0.1	< 0.1	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.1 U	< 0.1 U	< 0.12 U	< 0.1 U	< 0.12 U	< 0.1 U	**0.48**	< 0.1 U	< 0.1 U	**0.12**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	J-2-15	nAE-23-15	nAE-23-15	nAE-23-15	nAG-19-15	nAH-17-15	nAJ-20-15	nAO-22-15	nAO-22-15	nAO-22-15
Sample Depth (ft):	28-30	0-2	2-4	2-4	0-0.15	0-0.15	0-0.15	0-2	2-4	4-6
Date Sampled:	5/4/2015	5/13/2015	5/13/2015	5/13/2015	4/24/2015	4/24/2015	4/24/2015	5/13/2015	5/13/2015	5/13/2015
Sample ID:	J-2-15 (28-30)	nAE-23-15(0-2)	nAE-23-15(2-4)	DUP051315DME	nAG-19-15	nAH-17-15	nAJ-20-15	nAO-22-15(0-2)	nAO-22-15(2-4)	nAO-22-15(4-6)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.11	< 0.12	< 0.1	< 0.11	< 0.12	< 0.13	< 0.099	< 0.11	< 0.11
Aroclor 1221	< 0.1	< 0.11	< 0.12	< 0.1	< 0.11	< 0.12	< 0.13	< 0.099	< 0.11	< 0.11
Aroclor 1232	< 0.1	< 0.11	< 0.12	< 0.1	< 0.11	< 0.12	< 0.13	< 0.099	< 0.11	< 0.11
Aroclor 1242	< 0.1	< 0.11	< 0.12	< 0.1	< 0.11	< 0.12	< 0.13	< 0.099	< 0.11	< 0.11
Aroclor 1248	< 0.1	**0.094 J**	< 0.12	< 0.1	< 0.11	**0.57**	**1.3**	< 0.099	**0.083 J**	< 0.11
Aroclor 1254	< 0.1	**0.059 J**	< 0.12	< 0.1	< 0.11	**0.33**	**1.1**	**0.036 J**	< 0.11	< 0.11
Aroclor 1260	< 0.1	**0.13**	< 0.12	< 0.1	< 0.11	**0.09 J**	**0.33**	< 0.099	< 0.11	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.1 U	**0.283**	< 0.12 U	< 0.1 U	< 0.11 U	**0.99**	**2.73**	**0.036**	**0.083**	< 0.11 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nAO-22-15	nAO-22-15	nAV-21-15	nAV-21-15	nAV-21-15	nAV-21-15	nAV-21-15	nAV-21-15	nAW-22-15	nAW-22-15
Sample Depth (ft):	6-8	8-10	0-2	2-4	4-6	6-8	6-8	8-10	0-2	2-4
Date Sampled:	5/13/2015	5/13/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015
Sample ID:	nAO-22-15(6-8)	nAO-22-15(8-10	nAV-21-15 (0-2)	nAV-21-15 (2-4)	nAV-21-15 (4-6)	nAV-21-15 (6-8)	DUP050415DM1	nAV-21-15 (8-10	nAW-22-15 (0-2)	nAW-22-15 (2-4)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.1
Aroclor 1221	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.1
Aroclor 1232	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.1
Aroclor 1242	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.1
Aroclor 1248	< 0.1	< 0.1	**0.15**	< 0.11	**0.3**	< 0.1	**0.098 J**	< 0.11	**0.25**	< 0.1
Aroclor 1254	< 0.1	< 0.1	**0.051 J**	< 0.11	**0.48**	< 0.1	< 0.1	< 0.11	**0.23**	< 0.1
Aroclor 1260	< 0.1	< 0.1	< 0.1	**0.14**	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.1 U	< 0.1 U	**0.201**	**0.14**	**0.78**	< 0.1 U	**0.098**	< 0.11 U	**0.48**	< 0.1 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nAW-22-15	nAW-22-15	nAW-22-15	nAW-26-15	nAW-26-15	nAW-26-15	nAW-26-15	nAW-26-15	nAW-26-15	nAY-26-15
Sample Depth (ft):	4-6	6-8	8-10	0-2	2-4	4-6	6-8	8-10	8-10	0-2
Date Sampled:	5/4/2015	5/4/2015	5/4/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015
Sample ID:	nAW-22-15 (4-6)	nAW-22-15 (6-8)	nAW-22-15 (8-10	nAW-26-15(0-2)	nAW-26-15(2-4)	nAW-26-15(4-6)	nAW-26-15(6-8)	nAW-26-15(8-10)	UP051315TM1	nAY-26-15(0-2)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.51	< 0.1	< 0.11	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1221	< 0.51	< 0.1	< 0.11	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1232	< 0.51	< 0.1	< 0.11	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1242	< 0.51	< 0.1	< 0.11	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1248	**1.9**	**0.29**	**0.55**	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1254	< 0.51	**0.26**	< 0.11	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1260	< 0.51	< 0.1	< 0.11	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**1.9**	**0.55**	**0.55**	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.1 U	< 0.11 U	< 0.11

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nAY-26-15	nAY-26-15	nAY-26-15	nAY-26-15	nB-15-15	nB-15-15	nB-15-15	nB-15-15	nB-15-15	nB-15-15
Sample Depth (ft):	2-4	4-6	6-8	8-10	0-2	2-4	4-6	6-8	8-10	10-12
Date Sampled:	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	nAY-26-15(2-4)	nAY-26-15(4-6)	nAY-26-15(6-8)	nAY-26-15(8-10)	nB-15-15(0-2)	nB-15-15(2-4)	nB-15-15(4-6)	nB-15-15(6-8)	nB-15-15(8-10)	nB-15-15(10-12)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.11	< 0.11	< 0.1	< 0.097	< 0.11	< 0.11	< 0.54	< 0.61	< 0.55	< 2.2
Aroclor 1221	< 0.11	< 0.11	< 0.1	< 0.097	< 0.11	< 0.11	< 0.54	< 0.61	< 0.55	< 2.2
Aroclor 1232	< 0.11	< 0.11	< 0.1	< 0.097	< 0.11	< 0.11	< 0.54	< 0.61	< 0.55	< 2.2
Aroclor 1242	< 0.11	< 0.11	< 0.1	< 0.097	< 0.11	**0.38**	**4.3**	**4.1**	**4.3**	**29**
Aroclor 1248	< 0.11	< 0.11	< 0.1	< 0.097	**0.088 J**	< 0.11	< 0.54	< 0.61	< 0.55	< 2.2
Aroclor 1254	< 0.11	< 0.11	< 0.1	< 0.097	**0.057 J**	**0.21**	< 0.54	< 0.61	< 0.55	< 2.2
Aroclor 1260	< 0.11	< 0.11	< 0.1	< 0.097	< 0.11	< 0.11	< 0.54	< 0.61	< 0.55	< 2.2
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.11	< 0.11	< 0.1	< 0.097	**0.145**	**0.59**	**4.3**	**4.1**	**4.3**	**29**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nB-15-15	nB-15-15	nB-15-15	nB-15-15	nB-15-15	nB-15-15	nB-15-15	nB-15-15	nB-15-15	nB-16-15
Sample Depth (ft):	12-14	14-16	16-18	18-20	20-22	22-24	24-26	26-28	28-30	0-2
Date Sampled:	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/12/2015
Sample ID:	nB-15-15(12-14)	nB-15-15(14-16)	nB-15-15(16-18)	nB-15-15(18-20)	nB-15-15(20-22)	nB-15-15(22-24)	nB-15-15(24-26)	nB-15-15(26-28)	nB-15-15(28-30)	nB-16-15(0-2)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 2.1	< 0.54	< 0.56	< 0.52	< 0.1	< 0.59	< 0.1	< 0.11	< 0.1	< 0.11
Aroclor 1221	< 2.1	< 0.54	< 0.56	< 0.52	< 0.1	< 0.59	< 0.1	< 0.11	< 0.1	< 0.11
Aroclor 1232	< 2.1	< 0.54	< 0.56	< 0.52	< 0.1	< 0.59	< 0.1	< 0.11	< 0.1	< 0.11
Aroclor 1242	**35**	**7.4**	**8.4**	**2.1**	**0.19**	**3.8**	**0.042 J**	< 0.11	**0.047 J**	< 0.11
Aroclor 1248	< 2.1	< 0.54	< 0.56	< 0.52	< 0.1	< 0.59	< 0.1	< 0.11	< 0.1	< 0.11
Aroclor 1254	< 2.1	**1.6**	< 0.56	< 0.52	< 0.1	< 0.59	< 0.1	< 0.11	< 0.1	**0.17**
Aroclor 1260	< 2.1	< 0.54	< 0.56	< 0.52	< 0.1	< 0.59	< 0.1	< 0.11	< 0.1	**0.077 J**
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**35**	**9**	**8.4**	**2.1**	**0.19**	**3.8**	**0.042**	< 0.11 U	**0.047**	**0.247**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nB-16-15	nB-16-15	nB-16-15	nB-16-15	nB-16-15	nB-16-15	nB-16-15	nB-16-15	nB-16-15	nB-16-15
Sample Depth (ft):	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22
Date Sampled:	5/12/2015	5/12/2015	5/12/2015	5/12/2015	5/12/2015	5/12/2015	5/12/2015	5/12/2015	5/12/2015	5/12/2015
Sample ID:	nB-16-15(2-4)	nB-16-15(4-6)	nB-16-15(6-8)	nB-16-15(8-10)	nB-16-15(10-12)	nB-16-15(12-14)	nB-16-15(14-16)	nB-16-15(16-18)	nB-16-15(18-20)	nB-16-15(20-22)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.11	< 0.11	< 0.1	< 1.1	< 0.1	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11
Aroclor 1221	< 0.11	< 0.11	< 0.1	< 1.1	< 0.1	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11
Aroclor 1232	< 0.11	< 0.11	< 0.1	< 1.1	< 0.1	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11
Aroclor 1242	< 0.11	< 0.11	< 0.1	**14**	< 0.1	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11
Aroclor 1248	**0.21**	**0.22**	**0.35**	< 1.1	**0.08 J**	< 0.11	**0.039 J**	< 0.12	< 0.11	**0.14**
Aroclor 1254	**0.24**	< 0.11	< 0.1	< 1.1	< 0.1	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11
Aroclor 1260	< 0.11	**0.07 J**	**0.11**	< 1.1	< 0.1	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.45**	**0.29**	**0.46**	**14**	**0.08**	< 0.11 U	**0.039**	< 0.12 U	< 0.11 U	**0.14**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nB-16-15	nB-16-15	nB-16-15	nB-16-15	nB-4-15	nB-4-15	nB-4-15	nB-4-15	nB-4-15	nB-4-15
Sample Depth (ft):	22-24	24-26	26-28	28-30	0-2	2-4	4-6	6-8	8-10	10-12
Date Sampled:	5/12/2015	5/12/2015	5/12/2015	5/12/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015
Sample ID:	nB-16-15(22-24)	nB-16-15(24-26)	nB-16-15(26-28)	nB-16-15(28-30)	nB-4-15 (0-2)	nB-4-15 (2-4)	nB-4-15 (4-6)	nB-4-15 (6-8)	nB-4-15 (8-10)	nB-4-15 (10-12)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.1	< 0.1	< 0.12	< 0.55	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1221	< 0.1	< 0.1	< 0.1	< 0.1	< 0.12	< 0.55	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1232	< 0.1	< 0.1	< 0.1	< 0.1	< 0.12	< 0.55	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1242	< 0.1	< 0.1	< 0.1	< 0.1	< 0.12	< 0.55	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1248	< 0.1	**0.032 J**	< 0.1	< 0.1	**1.4**	**4.8**	**0.63**	**0.24**	**0.24**	**0.03 J**
Aroclor 1254	< 0.1	< 0.1	< 0.1	< 0.1	**0.22**	**4.9**	**0.24**	**0.086 JP**	**0.13**	< 0.11
Aroclor 1260	< 0.1	< 0.1	< 0.1	< 0.1	< 0.12	< 0.55	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.1 U	**0.032**	< 0.1 U	< 0.1 U	**1.62**	**9.7**	**0.87**	**0.326**	**0.37**	**0.03**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nB-4-15	nB-4-15	nB-4-15	nB-4-15	nB-4-15	nB-4-15	nB-4-15	nB-4-15	nB-4-15	nBB-27-15
Sample Depth (ft):	12-14	14-16	16-18	18-20	20-22	22-24	24-26	26-28	28-30	0-2
Date Sampled:	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/13/2015
Sample ID:	nB-4-15 (12-14)	nB-4-15 (14-16)	nB-4-15 (16-18)	nB-4-15 (18-20)	nB-4-15 (20-22)	nB-4-15 (22-24)	nB-4-15 (24-26)	nB-4-15 (26-28)	nB-4-15 (28-30)	nBB-27-15(0-2)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.55
Aroclor 1221	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.55
Aroclor 1232	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.55
Aroclor 1242	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.55
Aroclor 1248	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	**2.8**
Aroclor 1254	**0.032 J**	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	**2.1**
Aroclor 1260	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.55
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.032**	< 0.1 U	< 0.11 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	**4.9**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nBB-27-15	nBB-27-15	nBB-27-15	nBB-27-15	nBB-27-15	nBF-27-15	nD-5-15	nD-5-15	nD-5-15	nD-5-15
Sample Depth (ft):	2-4	4-6	4-6	6-8	8-10	0-2	0-2	2-4	4-6	6-8
Date Sampled:	5/13/2015	5/13/2015	5/13/2015	5/13/2015	5/13/2015	7/7/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015
Sample ID:	nBB-27-15(2-4)	nBB-27-15(4-6)	DUP051315TM8	nBB-27-15(6-8)	nBB-27-15(8-10)	nBF-27-15 (0-2)	nD-5-15(0-2)	nD-5-15(2-4)	nD-5-15(4-6)	nD-5-15(6-8)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.018	< 0.55	< 5.5	< 5.6	< 0.11
Aroclor 1221	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.018	< 0.55	< 5.5	< 5.6	< 0.11
Aroclor 1232	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.018	< 0.55	< 5.5	< 5.6	< 0.11
Aroclor 1242	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.018	< 0.55	**56**	**56**	**0.14**
Aroclor 1248	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.018	**5.1**	< 5.5	< 5.6	< 0.11
Aroclor 1254	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.018	< 0.55	< 5.5	< 5.6	< 0.11
Aroclor 1260	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.018	< 0.55	< 5.5	< 5.6	**0.32**
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.11 U	< 0.11 U	< 0.11 U	< 0.1 U	< 0.1 U	< 0.018 U	**5.1**	**56**	**56**	**0.46**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nD-5-15	nD-5-15	nD-5-15	nD-5-15	nD-5-15	nD-5-15	nD-5-15	nD-5-15	nD-5-15	nD-5-15
Sample Depth (ft):	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24	24-26	26-28
Date Sampled:	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015
Sample ID:	nD-5-15(8-10)	nD-5-15(10-12)	nD-5-15(12-14)	nD-5-15(14-16)	nD-5-15(16-18)	nD-5-15(18-20)	nD-5-15(20-22)	nD-5-15(22-24)	nD-5-15(24-26)	nD-5-15(26-28)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.11	< 0.66	< 0.11	< 0.59	< 0.61	< 0.11	< 0.12	< 0.14	< 0.11	< 0.11
Aroclor 1221	< 0.11	< 0.66	< 0.11	< 0.59	< 0.61	< 0.11	< 0.12	< 0.14	< 0.11	< 0.11
Aroclor 1232	< 0.11	< 0.66	< 0.11	< 0.59	< 0.61	< 0.11	< 0.12	< 0.14	< 0.11	< 0.11
Aroclor 1242	**0.036 J**	< 0.66	**1.6**	**6.6**	< 0.61	< 0.11	**0.84**	0.14 J	**1.5**	**0.48**
Aroclor 1248	< 0.11	< 0.66	< 0.11	< 0.59	< 0.61	< 0.11	< 0.12	< 0.14	< 0.11	< 0.11
Aroclor 1254	< 0.11	< 0.66	< 0.11	< 0.59	< 0.61	**0.18**	< 0.12	**0.23**	< 0.11	**0.077 JP**
Aroclor 1260	< 0.11	**3.2**	< 0.11	< 0.59	**1.8**	< 0.11	**1.2**	< 0.14	< 0.11	**0.11**
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.036**	**3.2**	**1.6**	**6.6**	**1.8**	**0.18**	**2.04**	**0.37**	**1.5**	**0.667**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nD-5-15	nD-5-15	nD-6-15	nD-6-15	nD-6-15	nD-6-15	nD-6-15	nD-6-15	nD-6-15	nD-6-15
Sample Depth (ft):	28-30	28-30	0-2	2-4	4-6	6-8	6-8	8-10	10-12	12-14
Date Sampled:	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015
Sample ID:	DUP050815DD1	nD-5-15(28-30)	nD-6-15(0-2)	nD-6-15(2-4)	nD-6-15(4-6)	DUP050815DD2	nD-6-15(6-8)	nD-6-15(8-10)	nD-6-15(10-12)	nD-6-15(12-14)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.11	< 0.52	< 0.53	< 1.1	< 2.2	< 5.5	< 1.1	< 0.1
Aroclor 1221	< 0.1	< 0.1	< 0.11	< 0.52	< 0.53	< 1.1	< 2.2	< 5.5	< 1.1	< 0.1
Aroclor 1232	< 0.1	< 0.1	< 0.11	< 0.52	< 0.53	< 1.1	< 2.2	< 5.5	< 1.1	< 0.1
Aroclor 1242	**0.06 J**	**0.16**	< 0.11	< 0.52	< 0.53	**14**	**40**	**24**	< 1.1	< 0.1
Aroclor 1248	< 0.1	< 0.1	**0.75**	**7.2**	**3.4**	< 1.1	< 2.2	< 5.5	**10**	< 0.1
Aroclor 1254	< 0.1	**0.035 J**	**0.35**	< 0.52	< 0.53	< 1.1	< 2.2	< 5.5	< 1.1	< 0.1
Aroclor 1260	< 0.1	< 0.1	< 0.11	< 0.52	< 0.53	< 1.1	< 2.2	< 5.5	< 1.1	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.06**	**0.195**	**1.1**	**7.2**	**3.4**	**14**	**40**	**24**	**10**	< 0.1 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nD-6-15	nD-6-15	nD-6-15	nD-6-15	nD-6-15	nD-6-15	nD-6-15	nD-6-15	nE-5-15	nE-5-15
Sample Depth (ft):	14-16	16-18	18-20	20-22	22-24	24-26	26-28	28-30	0-2	2-4
Date Sampled:	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/8/2015	5/5/2015	5/5/2015
Sample ID:	nD-6-15(14-16)	nD-6-15(16-18)	nD-6-15(18-20)	nD-6-15(20-22)	nD-6-15(22-24)	nD-6-15(24-26)	nD-6-15(26-28)	nD-6-15(28-30)	nE-5-15 (0-2)	nE-5-15 (2-4)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.54	< 2.3
Aroclor 1221	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.54	< 2.3
Aroclor 1232	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.54	< 2.3
Aroclor 1242	**0.054 J**	< 0.1	< 0.1	< 0.1	< 0.1	**0.034 J**	< 0.1	< 0.1	**3.4**	**27**
Aroclor 1248	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.54	< 2.3
Aroclor 1254	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.54	< 2.3
Aroclor 1260	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.54	< 2.3
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.054**	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	**0.034**	< 0.1 U	< 0.1 U	**3.4**	**27**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nE-5-15	nE-5-15	nE-5-15	nE-5-15	nE-5-15	nE-5-15	nE-5-15	nE-5-15	nE-5-15	nE-5-15
Sample Depth (ft):	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24
Date Sampled:	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015
Sample ID:	nE-5-15 (4-6)	nE-5-15 (6-8)	nE-5-15 (8-10)	nE-5-15 (10-12)	nE-5-15 (12-14)	nE-5-15 (14-16)	nE-5-15 (16-18)	nE-5-15 (18-20)	nE-5-15 (20-22)	nE-5-15 (22-24)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 2.2	< 0.11	< 1.2	< 2.3	< 5.7	< 2.3	< 1.2	< 13	< 0.64	< 0.11
Aroclor 1221	< 2.2	< 0.11	< 1.2	< 2.3	< 5.7	< 2.3	< 1.2	< 13	< 0.64	< 0.11
Aroclor 1232	< 2.2	< 0.11	< 1.2	< 2.3	< 5.7	< 2.3	< 1.2	< 13	< 0.64	< 0.11
Aroclor 1242	**32**	**1.8**	< 1.2	**5.2**	< 5.7	< 2.3	< 1.2	< 13	< 0.64	< 0.11
Aroclor 1248	< 2.2	< 0.11	< 1.2	< 2.3	**9.3**	**5.1**	**2.1**	< 13	**4**	< 0.11
Aroclor 1254	< 2.2	0.82	< 1.2	< 2.3	**8.9**	**3.6**	**3.2**	**9.8 J**	**5.7**	< 0.11
Aroclor 1260	< 2.2	**1.7**	**7.5**	**3.1**	< 5.7	< 2.3	< 1.2	< 13	< 0.64	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**32**	**4.32**	**7.5**	**8.3**	**18.2**	**8.7**	**5.3**	**9.8**	**9.7**	< 0.11 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nE-5-15	nE-5-15	nE-5-15	nG-21-15	nG-21-15	nG-21-15	nG-21-15	nG-21-15	nG-21-15	nG-21-15
Sample Depth (ft):	24-26	26-28	28-30	0-2	2-4	4-6	6-8	8-10	10-12	12-14
Date Sampled:	5/5/2015	5/5/2015	5/5/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	nE-5-15 (24-26)	nE-5-15 (26-28)	nE-5-15 (28-30)	nG-21-15(0-2)	nG-21-15(2-4)	nG-21-15(4-6)	nG-21-15(6-8)	nG-21-15(8-10)	nG-21-15(10-12)	nG-21-15(12-14)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.11	< 0.1	< 0.11	< 0.1	< 0.12	< 0.1	< 0.12	< 0.53	< 11	< 22
Aroclor 1221	< 0.11	< 0.1	< 0.11	< 0.1	< 0.12	< 0.1	< 0.12	< 0.53	< 11	< 22
Aroclor 1232	< 0.11	< 0.1	< 0.11	< 0.1	< 0.12	< 0.1	< 0.12	< 0.53	< 11	< 22
Aroclor 1242	< 0.11	< 0.1	< 0.11	< 0.1	**0.41**	**1.2**	**0.17**	**2.6**	**33**	**180**
Aroclor 1248	< 0.11	< 0.1	< 0.11	**0.059**	< 0.12	< 0.1	< 0.12	< 0.53	< 11	< 22
Aroclor 1254	< 0.11	< 0.1	< 0.11	**0.033**	< 0.12	< 0.1	**0.041**	< 0.53	< 11	< 22
Aroclor 1260	< 0.11	< 0.1	< 0.11	< 0.1	< 0.12	< 0.1	< 0.12	< 0.53	< 11	< 22
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.11 U	< 0.1 U	< 0.11 U	**0.092**	**0.41**	**1.2**	**0.211**	**2.6**	**33**	**180**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nG-21-15	nG-21-15	nG-21-15	nG-21-15	nG-21-15	nG-21-15	nG-21-15	nG-21-15	nH-19-15	nH-19-15
Sample Depth (ft):	14-16	16-18	18-20	20-22	22-24	24-26	26-28	28-30	0-2	2-4
Date Sampled:	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	nG-21-15(14-16)	nG-21-15(16-18)	nG-21-15(18-20)	nG-21-15(20-22)	nG-21-15(22-24)	nG-21-15(24-26)	nG-21-15(26-28)	nG-21-15(28-30)	nH-19-15(0-2)	nH-19-15(2-4)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 5.3	< 5.5	< 0.53	< 0.54	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 1.1
Aroclor 1221	< 5.3	< 5.5	< 0.53	< 0.54	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 1.1
Aroclor 1232	< 5.3	< 5.5	< 0.53	< 0.54	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 1.1
Aroclor 1242	**9.2**	**54**	**4**	**7.4**	< 0.1	**1.1**	**0.047**	< 0.1	< 0.11	**18**
Aroclor 1248	< 5.3	< 5.5	< 0.53	< 0.54	< 0.1	< 0.11	< 0.1	< 0.1	**0.55**	< 1.1
Aroclor 1254	< 5.3	< 5.5	< 0.53	< 0.54	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 1.1
Aroclor 1260	< 5.3	< 5.5	< 0.53	< 0.54	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 1.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**9.2**	**54**	**4**	**7.4**	< 0.1	**1.1**	**0.047**	< 0.1	**0.55**	**18**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nH-19-15	nH-19-15	nH-19-15	nH-19-15	nH-19-15	nH-19-15	nH-19-15	nH-19-15	nH-19-15	nH-19-15
Sample Depth (ft):	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24
Date Sampled:	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	nH-19-15(4-6)	nH-19-15(6-8)	nH-19-15(8-10)	nH-19-15(10-12)	nH-19-15(12-14)	nH-19-15(14-16)	nH-19-15(16-18)	nH-19-15(18-20)	nH-19-15(20-22)	nH-19-15(22-24)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.11	< 0.54	< 5.6	< 5.6	< 5.5	< 5.5	< 1.1	< 0.11	< 5.5	< 0.1
Aroclor 1221	< 0.11	< 0.54	< 5.6	< 5.6	< 5.5	< 5.5	< 1.1	< 0.11	< 5.5	< 0.1
Aroclor 1232	< 0.11	< 0.54	< 5.6	< 5.6	< 5.5	< 5.5	< 1.1	< 0.11	< 5.5	< 0.1
Aroclor 1242	**0.69**	**7.8**	**25**	**80**	**31**	**60**	**9.4**	**1.6**	**40**	**0.089 J**
Aroclor 1248	< 0.11	< 0.54	< 5.6	< 5.6	< 5.5	< 5.5	< 1.1	< 0.11	< 5.5	< 0.1
Aroclor 1254	< 0.11	< 0.54	< 5.6	< 5.6	**5.4 J**	**10**	**2.1**	< 0.11	< 5.5	< 0.1
Aroclor 1260	< 0.11	< 0.54	< 5.6	< 5.6	< 5.5	< 5.5	< 1.1	< 0.11	< 5.5	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.69**	**7.8**	**25**	**80**	**36.4**	**70**	**11.5**	**1.6**	**40**	**0.089**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nH-19-15	nH-19-15	nH-19-15	nH-6-15	nH-6-15	nH-6-15	nH-6-15	nH-6-15	nH-6-15	nH-6-15
Sample Depth (ft):	24-26	26-28	28-30	0-2	2-4	4-6	6-8	8-10	10-12	12-14
Date Sampled:	5/11/2015	5/11/2015	5/11/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015
Sample ID:	nH-19-15(24-26)	nH-19-15(26-28)	nH-19-15(28-30)	nH-6-15 (0-2)	nH-6-15 (2-4)	nH-6-15 (4-6)	nH-6-15 (6-8)	nH-6-15 (8-10)	nH-6-15 (10-12)	nH-6-15 (12-14)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 1.2	< 0.1	< 0.1	< 0.58	< 11	< 2.3	< 2.3	< 1.2	< 1.1	< 9
Aroclor 1221	< 1.2	< 0.1	< 0.1	< 0.58	< 11	< 2.3	< 2.3	< 1.2	< 1.1	< 9
Aroclor 1232	< 1.2	< 0.1	< 0.1	< 0.58	< 11	< 2.3	< 2.3	< 1.2	< 1.1	< 9
Aroclor 1242	**14**	< 0.1	< 0.1	< 0.58	**130**	**18**	**5.7**	**1.7**	< 1.1	< 9
Aroclor 1248	< 1.2	< 0.1	< 0.1	**2.5**	< 11	< 2.3	< 2.3	< 1.2	< 1.1	< 9
Aroclor 1254	< 1.2	< 0.1	< 0.1	< 0.58	< 11	< 2.3	< 2.3	< 1.2	< 1.1	< 9
Aroclor 1260	< 1.2	< 0.1	< 0.1	< 0.58	< 11	**1.9 J**	**4.3**	**2.8**	**1.4**	**31**
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**14**	< 0.1 U	< 0.1 U	**2.5**	**130**	**19.9**	**10**	**4.5**	**1.4**	**31**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nH-6-15	nH-6-15	nH-6-15	nH-6-15	nH-6-15	nH-6-15	nH-6-15	nH-6-15	nI-27-15	nI-7-15
Sample Depth (ft):	14-16	16-18	18-20	20-22	22-24	24-26	26-28	28-30	0-2	0-2
Date Sampled:	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	7/7/2015	5/5/2015
Sample ID:	nH-6-15 (14-16)	nH-6-15 (16-18)	nH-6-15 (18-20)	nH-6-15 (20-22)	nH-6-15 (22-24)	nH-6-15 (24-26)	nH-6-15 (26-28)	nH-6-15 (28-30)	nI-27-15 (0-2)	nI-7-15(0-2)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.11	< 0.11	< 0.1	< 0.11	< 0.11	< 0.51	< 0.1	< 0.55 J	< 0.018	< 1.1
Aroclor 1221	< 0.11	< 0.11	< 0.1	< 0.11	< 0.11	< 0.51	< 0.1	< 0.55 J	< 0.018	< 1.1
Aroclor 1232	< 0.11	< 0.11	< 0.1	< 0.11	< 0.11	< 0.51	< 0.1	< 0.55 J	< 0.018	< 1.1
Aroclor 1242	**0.054 J**	< 0.11	**0.039 J**	< 0.11	< 0.11	**4.6**	**0.088 J**	**5.5**	< 0.018	**10**
Aroclor 1248	< 0.11	< 0.11	< 0.1	< 0.11	< 0.11	< 0.51	< 0.1	< 0.55	< 0.018	< 1.1
Aroclor 1254	< 0.11	< 0.11	< 0.1	< 0.11	< 0.11	< 0.51	< 0.1	< 0.55	< 0.018	**1.3**
Aroclor 1260	**0.048 J**	< 0.11	< 0.1	< 0.11	< 0.11	< 0.51	< 0.1	< 0.55	< 0.018	< 1.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.102**	< 0.11 U	**0.039**	< 0.11 U	< 0.11 U	**4.6**	**0.088**	**5.5**	< 0.018 U	**11.3**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nI-7-15	nI-7-15	nI-7-15	nI-7-15	nI-7-15	nI-7-15	nI-7-15	nI-7-15	nI-7-15	nI-7-15
Sample Depth (ft):	2-4	2-4	4-6	4-6	6-8	8-10	10-12	12-14	14-16	16-18
Date Sampled:	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015
Sample ID:	DUP050515DJM2	nI-7-15(2-4)	nI-7-15(4-6)	DUP050515DJM	nI-7-15(6-8)	nI-7-15(8-10)	nI-7-15(10-12)	nI-7-15(12-14)	nI-7-15(14-16)	nI-7-15(16-18)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.56	< 2.2	< 1	< 1.1	< 0.53	< 5.5	< 11	< 0.1	< 0.52	< 2.1
Aroclor 1221	< 0.56	< 2.2	< 1	< 1.1	< 0.53	< 5.5	< 11	< 0.1	< 0.52	< 2.1
Aroclor 1232	< 0.56	< 2.2	< 1	< 1.1	< 0.53	< 5.5	< 11	< 0.1	< 0.52	< 2.1
Aroclor 1242	**4.9**	**20**	**12**	**16**	**3.2**	**56**	**85**	< 0.1	< 0.52	< 2.1
Aroclor 1248	< 0.56	< 2.2	< 1	< 1.1	< 0.53	< 5.5	< 11	**0.22**	**3.3**	**3.4**
Aroclor 1254	< 0.56	< 2.2	< 1	< 1.1	**0.68**	< 5.5	< 11	**0.2**	**3.9**	**4.4**
Aroclor 1260	< 0.56	< 2.2	< 1	< 1.1	0.46 J	< 5.5	< 11	< 0.1	< 0.52	< 2.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**4.9**	**20**	**12**	**16**	**4.34**	**56**	**85**	**0.42**	**7.2**	**7.8**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nI-7-15	nI-7-15	nI-7-15	nI-7-15	nI-7-15	nI-7-15	nK-26-15	nK-7-15	nK-7-15	nK-7-15
Sample Depth (ft):	18-20	20-22	22-24	24-26	26-28	28-30	0-2	0-2	2-4	2-4
Date Sampled:	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	7/7/2015	5/5/2015	5/5/2015	5/5/2015
Sample ID:	nI-7-15(18-20)	nI-7-15(20-22)	nI-7-15(22-24)	nI-7-15(24-26)	nI-7-15(26-28)	nI-7-15(28-30)	nK-26-15 (0-2)	nK-7-15(0-2)	)UP050515DJM:	nK-7-15(2-4)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.092	< 2.2	< 1.1	< 2.2
Aroclor 1221	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.092	< 2.2	< 1.1	< 2.2
Aroclor 1232	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.092	< 2.2	< 1.1	< 2.2
Aroclor 1242	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.092	< 2.2	**17**	< 2.2
Aroclor 1248	**10**	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.092	**18**	< 1.1	**26**
Aroclor 1254	**12**	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	**0.54**	< 2.2	< 1.1	< 2.2
Aroclor 1260	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.092	< 2.2	< 1.1	< 2.2
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**22**	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	**0.54**	**18**	**17**	**26**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nK-7-15	nK-7-15	nK-7-15	nK-7-15	nK-7-15	nK-7-15	nK-7-15	nK-7-15	nK-7-15	nK-7-15
Sample Depth (ft):	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24
Date Sampled:	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015
Sample ID:	nK-7-15(4-6)	nK-7-15(6-8)	nK-7-15(8-10)	nK-7-15(10-12)	nK-7-15(12-14)	nK-7-15(14-16)	nK-7-15(16-18)	nK-7-15(18-20)	nK-7-15(20-22)	nK-7-15(22-24)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 2.2	< 0.12	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.099	< 0.1
Aroclor 1221	< 2.2	< 0.12	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.099	< 0.1
Aroclor 1232	< 2.2	< 0.12	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.099	< 0.1
Aroclor 1242	**18**	< 0.12	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.099	< 0.1
Aroclor 1248	< 2.2	< 0.12	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.099	< 0.1
Aroclor 1254	< 2.2	< 0.12	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.099	< 0.1
Aroclor 1260	< 2.2	< 0.12	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.099	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**18**	< 0.12 U	< 0.11 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.099 U	< 0.1 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nK-7-15	nK-7-15	nK-7-15	nL-22-15	nL-22-15	nL-22-15	nL-22-15	nL-22-15	nL-22-15	nL-22-15
Sample Depth (ft):	24-26	26-28	28-30	0-2	2-4	4-6	6-8	8-10	10-12	12-14
Date Sampled:	5/5/2015	5/5/2015	5/5/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	nK-7-15(24-26)	nK-7-15(26-28)	nK-7-15(28-30)	nL-22-15(0-2)	nL-22-15(2-4)	nL-22-15(4-6)	nL-22-15(6-8)	nL-22-15(8-10)	nL-22-15(10-12)	nL-22-15(12-14)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.11	< 0.12	< 0.1	< 0.1
Aroclor 1221	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.11	< 0.12	< 0.1	< 0.1
Aroclor 1232	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.11	< 0.12	< 0.1	< 0.1
Aroclor 1242	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.11	< 0.12	< 0.1	< 0.1
Aroclor 1248	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.11	**0.14**	< 0.1	< 0.1
Aroclor 1254	< 0.1	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.11	**0.063 J**	< 0.1	< 0.1
Aroclor 1260	< 0.1	< 0.1	< 0.1	**0.15**	**0.18**	**0.065 J**	< 0.11	**0.15**	< 0.1	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.1 U	< 0.1 U	< 0.1 U	**0.15**	**0.18**	**0.065**	< 0.11 U	**0.353**	< 0.1 U	< 0.1 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nL-22-15	nL-22-15	nL-22-15	nL-22-15	nL-22-15	nL-22-15	nL-22-15	nL-22-15	nL-26-15	nM-14-15
Sample Depth (ft):	14-16	16-18	18-20	20-22	22-24	24-26	26-28	28-30	0-2	0-2
Date Sampled:	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	7/7/2015	5/11/2015
Sample ID:	nL-22-15(14-16)	nL-22-15(16-18)	nL-22-15(18-20)	nL-22-15(20-22)	nL-22-15(22-24)	nL-22-15(24-26)	nL-22-15(26-28)	nL-22-15(28-30)	nL-26-15 (0-2)	DUP051115DM1
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.11	< 0.12	< 0.1	< 0.019	< 0.11
Aroclor 1221	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.11	< 0.12	< 0.1	< 0.019	< 0.11
Aroclor 1232	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.11	< 0.12	< 0.1	< 0.019	< 0.11
Aroclor 1242	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.11	< 0.12	< 0.1	< 0.019	< 0.11
Aroclor 1248	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.11	< 0.12	< 0.1	< 0.019	**1.2**
Aroclor 1254	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.11	< 0.12	< 0.1	< 0.019	**0.57**
Aroclor 1260	< 0.1	< 0.1	< 0.1	< 0.11	< 0.1	< 0.11	< 0.12	< 0.1	< 0.019	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.1 U	< 0.1 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.12 U	< 0.1 U	< 0.019 U	**1.77**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nM-14-15	nM-14-15	nM-14-15	nM-14-15	nM-14-15	nM-14-15	nM-14-15	nM-14-15	nM-14-15	nM-14-15
Sample Depth (ft):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20
Date Sampled:	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	nM-14-15(0-2)	nM-14-15(2-4)	nM-14-15(4-6)	nM-14-15(6-8)	nM-14-15(8-10)	nM-14-15(10-12)	nM-14-15(12-14)	nM-14-15(14-16)	nM-14-15(16-18)	nM-14-15(18-20)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.58	< 0.53	< 0.12	< 0.11	< 0.097	< 0.1	< 0.097	< 0.1	< 0.1	< 0.097
Aroclor 1221	< 0.58	< 0.53	< 0.12	< 0.11	< 0.097	< 0.1	< 0.097	< 0.1	< 0.1	< 0.097
Aroclor 1232	< 0.58	< 0.53	< 0.12	< 0.11	< 0.097	< 0.1	< 0.097	< 0.1	< 0.1	< 0.097
Aroclor 1242	< 0.58	**10**	**1.3**	**0.41**	**0.25**	< 0.1	< 0.097	**1.5**	< 0.1	< 0.097
Aroclor 1248	**7.5**	< 0.53	< 0.12	< 0.11	< 0.097	< 0.1	< 0.097	< 0.1	< 0.1	< 0.097
Aroclor 1254	**0.59 P**	**2.2**	**0.29**	**0.087 J**	**0.074 J**	< 0.1	< 0.097	**0.24**	< 0.1	< 0.097
Aroclor 1260	< 0.58	< 0.53	**0.1 JP**	< 0.11	< 0.097	< 0.1	< 0.097	< 0.1	< 0.1	< 0.097
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**8.09**	**12.2**	**1.69**	**0.497**	**0.324**	< 0.1 U	< 0.097 U	**1.74**	< 0.1 U	< 0.097 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nM-14-15	nM-14-15	nM-14-15	nM-14-15	nM-14-15	nM-6-15	nM-6-15	nM-6-15	nM-6-15	nM-6-15
Sample Depth (ft):	20-22	22-24	24-26	26-28	28-30	0-2	2-4	2-4	4-6	6-8
Date Sampled:	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/7/2015	5/7/2015	5/7/2015	5/7/2015	5/7/2015
Sample ID:	nM-14-15(20-22)	nM-14-15(22-24)	nM-14-15(24-26)	nM-14-15(26-28)	nM-14-15(28-30)	nM-6-15(0-2)	nM-6-15(2-4)	DUP050715DD2	nM-6-15(4-6)	nM-6-15(6-8)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 1.1	< 0.11	< 0.52	< 0.54	< 0.11
Aroclor 1221	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 1.1	< 0.11	< 0.52	< 0.54	< 0.11
Aroclor 1232	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 1.1	< 0.11	< 0.52	< 0.54	< 0.11
Aroclor 1242	**0.099 J**	< 0.11	**0.14**	< 0.1	**0.092 J**	< 1.1	< 0.11	< 0.52	< 0.54	< 0.11
Aroclor 1248	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	**9**	**1.7**	**6**	**4.6**	< 0.11
Aroclor 1254	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 1.1	< 0.11	< 0.52	**1.8**	< 0.11
Aroclor 1260	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 1.1	**0.41**	< 0.52	< 0.54	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.099**	< 0.11 U	**0.14**	< 0.1 U	**0.092**	**9**	**2.11**	**6**	**6.4**	< 0.11 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nM-6-15	nM-6-15	nM-6-15	nM-6-15	nM-6-15	nM-6-15	nM-6-15	nM-6-15	nM-6-15	nM-6-15
Sample Depth (ft):	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24	24-26	26-28
Date Sampled:	5/7/2015	5/7/2015	5/7/2015	5/7/2015	5/7/2015	5/7/2015	5/7/2015	5/7/2015	5/7/2015	5/7/2015
Sample ID:	nM-6-15(8-10)	nM-6-15(10-12)	nM-6-15(12-14)	nM-6-15(14-16)	nM-6-15(16-18)	nM-6-15(18-20)	nM-6-15(20-22)	nM-6-15(22-24)	nM-6-15(24-26)	nP-6-15(26-28)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.099	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1221	< 0.099	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1232	< 0.099	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1242	< 0.099	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1248	< 0.099	< 0.1	< 0.1	**0.064 J**	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1254	< 0.099	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1260	< 0.099	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.099 U	< 0.1 U	< 0.1 U	**0.064**	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nM-6-15	nN-16-15	nN-16-15	nN-16-15	nN-16-15	nN-16-15	nN-16-15	nN-16-15	nN-16-15	nN-16-15
Sample Depth (ft):	28-30	0-2	2-4	4-6	6-8	8-10	10-12	10-12	12-14	14-16
Date Sampled:	5/7/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	nM-6-15(28-30)	nN-16-15(0-2)	nN-16-15(2-4)	nN-16-15(4-6)	nN-16-15(6-8)	nN-16-15(8-10)	nN-16-15(10-12)	DUP051115TM2(10-12)	nN-16-15(12-14)	nN-16-15(14-16)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.099	< 0.1	< 0.11	< 0.11	< 0.12	< 0.13	< 0.1	< 2.2	< 0.1	< 0.1
Aroclor 1221	< 0.099	< 0.1	< 0.11	< 0.11	< 0.12	< 0.13	< 0.1	< 2.2	< 0.1	< 0.1
Aroclor 1232	< 0.099	< 0.1	< 0.11	< 0.11	< 0.12	< 0.13	< 0.1	< 2.2	< 0.1	< 0.1
Aroclor 1242	< 0.099	< 0.1	**0.058 J**	< 0.11	< 0.12	< 0.13	< 0.1	**42**	< 0.1	< 0.1
Aroclor 1248	< 0.099	**0.1 P**	< 0.11	< 0.11	< 0.12	< 0.13	< 0.1	< 2.2	< 0.1	< 0.1
Aroclor 1254	< 0.099	**0.095 J**	< 0.11	< 0.11	< 0.12	< 0.13	< 0.1	< 2.2	< 0.1	< 0.1
Aroclor 1260	< 0.099	< 0.1	< 0.11	< 0.11	< 0.12	< 0.13	< 0.1	< 2.2	< 0.1	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.099 U	**0.195**	**0.058**	< 0.11 U	< 0.12 U	< 0.13 U	< 0.1 U	**42**	< 0.1 U	< 0.1 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nN-16-15	nN-16-15	nN-16-15	nN-16-15	nN-16-15	nN-16-15	nN-16-15	nN-16-15	nO-14-15	nO-14-15
Sample Depth (ft):	16-18	18-20	20-22	22-24	24-26	26-28	28-30	28-30	0-2	2-4
Date Sampled:	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	nN-16-15(16-18)	nN-16-15(18-20)	nN-16-15(20-22)	nN-16-15(22-24)	nN-16-15(24-26)	nN-16-15(26-28)	nN-16-15(28-30)	DUP051115DM2	nO-14-15(0-2)	nO-14-15(2-4)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 2.1
Aroclor 1221	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 2.1
Aroclor 1232	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 2.1
Aroclor 1242	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	**18**
Aroclor 1248	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	**0.3**	< 2.1
Aroclor 1254	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	**0.2**	< 2.1
Aroclor 1260	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 0.11	< 2.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.1 U	< 0.1 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.1 U	< 0.1 U	< 0.1 U	**0.5**	**18**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nO-14-15	nO-14-15	nO-14-15	nO-14-15	nO-14-15	nO-14-15	nO-14-15	nO-14-15	nO-14-15	nO-14-15
Sample Depth (ft):	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24
Date Sampled:	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	nO-14-15(4-6)	nO-14-15(6-8)	nO-14-15(8-10)	nO-14-15(10-12)	nO-14-15(12-14)	nO-14-15(14-16)	nO-14-15(16-18)	nO-14-15(18-20)	nO-14-15(20-22)	nO-14-15(22-24)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 2.4	< 0.11	< 1.1	< 0.1	< 1	< 0.1	< 0.1	< 2.1	< 2	< 0.1
Aroclor 1221	< 2.4	< 0.11	< 1.1	< 0.1	< 1	< 0.1	< 0.1	< 2.1	< 2	< 0.1
Aroclor 1232	< 2.4	< 0.11	< 1.1	< 0.1	< 1	< 0.1	< 0.1	< 2.1	< 2	< 0.1
Aroclor 1242	**22**	< 0.11	**11**	< 0.1	**9.2**	< 0.1	**0.024 J**	**12**	**19**	< 0.1
Aroclor 1248	< 2.4	< 0.11	< 1.1	< 0.1	< 1	< 0.1	< 0.1	< 2.1	< 2	< 0.1
Aroclor 1254	< 2.4	< 0.11	< 1.1	< 0.1	< 1	< 0.1	< 0.1	< 2.1	< 2	< 0.1
Aroclor 1260	< 2.4	< 0.11	< 1.1	< 0.1	< 1	< 0.1	< 0.1	< 2.1	< 2	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**22**	< 0.11 U	**11**	< 0.1 U	**9.2**	< 0.1 U	**0.024**	**12**	**19**	< 0.1 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nO-14-15	nO-14-15	nO-14-15	nO-15-15	nO-15-15	nO-15-15	nO-15-15	nO-15-15	nO-15-15	nO-15-15
Sample Depth (ft):	24-26	26-28	28-30	0-2	2-4	4-6	6-8	8-10	10-12	12-14
Date Sampled:	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	nO-14-15(24-26)	nO-14-15(26-28)	nO-14-15(28-30)	nO-15-15(0-2)	nO-15-15(2-4)	nO-15-15(4-6)	nO-15-15(6-8)	nO-15-15(8-10)	nO-15-15(10-12)	nO-15-15(12-14)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.51	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1
Aroclor 1221	< 0.51	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1
Aroclor 1232	< 0.51	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1
Aroclor 1242	**6.2**	**0.23**	< 0.1	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1
Aroclor 1248	< 0.51	< 0.1	< 0.1	< 0.11	**0.59**	**0.63**	< 0.1	< 0.1	< 0.11	< 0.1
Aroclor 1254	< 0.51	< 0.1	< 0.1	**0.42**	**0.13**	**0.27**	< 0.1	< 0.1	< 0.11	< 0.1
Aroclor 1260	< 0.51	< 0.1	< 0.1	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**6.2**	**0.23**	< 0.1 U	**0.42**	**0.72**	**0.9**	< 0.1 U	< 0.1 U	< 0.11 U	< 0.1 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nO-15-15	nO-15-15	nO-15-15	nO-15-15	nO-15-15	nO-15-15	nO-15-15	nO-15-15	nP-16-15	nP-16-15
Sample Depth (ft):	14-16	16-18	18-20	20-22	22-24	24-26	26-28	28-30	0-2	2-4
Date Sampled:	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	nO-15-15(14-16)	nO-15-15(16-18)	nO-15-15(18-20)	nO-15-15(20-22)	nO-15-15(22-24)	nO-15-15(24-26)	nO-15-15(26-28)	nO-15-15(28-30)	nP-16-15(0-2)	nP-16-15(2-4)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1221	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1232	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1242	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1248	< 0.1	< 0.1	**0.54**	**0.13**	< 0.1	**0.044 J**	**0.041 J**	< 0.1	**0.34**	< 0.11
Aroclor 1254	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	**0.18**	**0.14**
Aroclor 1260	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.1 U	< 0.1 U	**0.54**	**0.13**	< 0.1 U	**0.044**	**0.041**	< 0.1 U	**0.52**	**0.14**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nP-16-15	nP-16-15	nP-16-15	nP-16-15	nP-16-15	nP-16-15	nP-16-15	nP-16-15	nP-16-15	nP-16-15
Sample Depth (ft):	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24
Date Sampled:	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	nP-16-15(4-6)	nP-16-15(6-8)	nP-16-15(8-10)	nP-16-15(10-12)	nP-16-15(12-14)	nP-16-15(14-16)	nP-16-15(16-18)	nP-16-15(18-20)	nP-16-15(20-22)	nP-16-15(22-24)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.55	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1221	< 0.55	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1232	< 0.55	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1242	< 0.55	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	**0.48**
Aroclor 1248	**2.2**	< 0.1	< 0.11	**0.055 J**	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1254	< 0.55	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1260	< 0.55	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**2.2**	< 0.1 U	< 0.11 U	**0.055**	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.1 U	**0.48**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nP-16-15	nP-16-15	nP-16-15	nP-16-15	nP-19-15	nP-19-15	nP-19-15	nP-19-15	nP-19-15	nP-19-15
Sample Depth (ft):	24-26	26-28	26-28	28-30	0-2	2-4	4-6	6-8	8-10	10-12
Date Sampled:	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	nP-16-15(24-26)	nP-16-15(26-28)	DUP051115DM3	nP-16-15(28-30)	nP-19-15(0-2)	nP-19-15(2-4)	nP-19-15(4-6)	nP-19-15(6-8)	nP-19-15(8-10)	nP-19-15(10-12)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	< 11	< 0.54	< 0.12	< 0.1	< 2.1
Aroclor 1221	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	< 11	< 0.54	< 0.12	< 0.1	< 2.1
Aroclor 1232	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	< 11	< 0.54	< 0.12	< 0.1	< 2.1
Aroclor 1242	< 0.11	< 0.11	**0.14**	< 0.11	< 0.11	**98 P**	**1.5**	< 0.12	< 0.1	**23**
Aroclor 1248	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	< 11	< 0.54	< 0.12	< 0.1	< 2.1
Aroclor 1254	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	< 11	< 0.54	< 0.12	< 0.1	< 2.1
Aroclor 1260	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	< 11	< 0.54	< 0.12	< 0.1	< 2.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.11 U	< 0.11 U	**0.14**	< 0.11 U	< 0.11 U	**98**	**1.5**	< 0.12 U	< 0.1 U	**23**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nP-19-15	nP-19-15	nP-19-15	nP-19-15	nP-19-15	nP-19-15	nP-19-15	nP-19-15	nP-19-15	nP-6-15
Sample Depth (ft):	12-14	14-16	16-18	18-20	20-22	22-24	24-26	26-28	28-30	0-2
Date Sampled:	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/7/2015
Sample ID:	nP-19-15(12-14)	nP-19-15(14-16)	nP-19-15(16-18)	nP-19-15(18-20)	nP-19-15(20-22)	nP-19-15(22-24)	nP-19-15(24-26)	nP-19-15(26-28)	nP-19-15(28-30)	nP-6-15(0-2)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.54
Aroclor 1221	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.54
Aroclor 1232	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.54
Aroclor 1242	< 0.1	< 0.11	< 0.1	**0.72**	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.54
Aroclor 1248	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.11	**1**	< 0.1	**0.32**	**4.5**
Aroclor 1254	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.54
Aroclor 1260	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.1	< 0.11	< 0.54
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.1 U	< 0.11 U	< 0.1 U	**0.72**	< 0.1 U	< 0.11 U	**1**	< 0.1 U	**0.32**	**4.5**

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nP-6-15	nP-6-15	nP-6-15	nP-6-15	nP-6-15	nP-6-15	nP-6-15	nP-6-15	nP-6-15	nP-6-15
Sample Depth (ft):	2-4	4-6	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20
Date Sampled:	5/7/2015	5/7/2015	5/7/2015	5/7/2015	5/7/2015	5/7/2015	5/7/2015	5/7/2015	5/7/2015	5/7/2015
Sample ID:	nP-6-15(2-4)	nP-6-15(4-6)	DUP050715DD3	nP-6-15(6-8)	nP-6-15(8-10)	nP-6-15(10-12)	nP-6-15(12-14)	nP-6-15(14-16)	nP-6-15(16-18)	nP-6-15(18-20)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 6.7	< 0.11	< 0.11	< 1.1	< 0.12	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1221	< 6.7	< 0.11	< 0.11	< 1.1	< 0.12	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1232	< 6.7	< 0.11	< 0.11	< 1.1	< 0.12	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1242	< 6.7	< 0.11	< 0.11	< 1.1	< 0.12	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1248	**83**	**0.71**	**0.93**	**9.1**	**0.087 J**	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1254	< 6.7	< 0.11	**1.4**	< 1.1	**0.11 JP**	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1260	< 6.7	**0.41 P**	**0.46 P**	< 1.1	< 0.12	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**83**	**1.12**	**2.79**	**9.1**	**0.197**	< 0.11 U	< 0.11 U	< 0.1 U	< 0.1 U	< 0.1 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nP-6-15	nP-6-15	nP-6-15	nP-6-15	nP-6-15	nR-19-15	nR-19-15	nR-19-15	nR-19-15	nR-19-15
Sample Depth (ft):	20-22	22-24	24-26	26-28	28-30	0-2	2-4	4-6	6-8	8-10
Date Sampled:	5/7/2015	5/7/2015	5/7/2015	5/7/2015	5/7/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	nP-6-15(20-22)	nP-6-15(22-24)	nP-6-15(24-26)	nP-6-15(26-28)	nP-6-15(28-30)	nR-19-15(0-2)	nR-19-15(2-4)	nR-19-15(4-6)	nR-19-15(6-8)	nR-19-15(8-10)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.12	< 0.11	< 2.2	< 0.11	< 0.12
Aroclor 1221	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.12	< 0.11	< 2.2	< 0.11	< 0.12
Aroclor 1232	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.12	< 0.11	< 2.2	< 0.11	< 0.12
Aroclor 1242	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.12	**1.1**	**32**	< 0.11	< 0.12
Aroclor 1248	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	**0.88**	< 0.11	< 2.2	< 0.11	< 0.12
Aroclor 1254	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	**0.3**	< 0.11	< 2.2	< 0.11	< 0.12
Aroclor 1260	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.12	< 0.11	< 2.2	< 0.11	< 0.12
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	**1.18**	**1.1**	**32**	< 0.11 U	< 0.12 U

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nS-18-15	nS-18-15	nS-18-15	nT-18-15	nT-18-15	nT-18-15	nT-19-15	nT-19-15	nT-19-15	nV-17-15
Sample Depth (ft):	0-2	2-4	4-6	0-2	2-4	4-6	0-2	2-4	4-6	0-0.15
Date Sampled:	5/12/2015	5/12/2015	5/12/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	4/24/2015
Sample ID:	nS-18-15(0-2)	nS-18-15(2-4)	nS-18-15(4-6)	nT-18-15 (0-2)	nT-18-15 (2-4)	nT-18-15 (4-6)	nT-19-15 (0-2)	nT-19-15 (2-4)	nT-19-15 (4-6)	nV-17-15
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.091	< 0.089	< 0.018	< 0.11	< 0.1	< 0.11	< 0.1	< 1.1	< 1.1	< 0.13
Aroclor 1221	< 0.091	< 0.089	< 0.018	< 0.11	< 0.1	< 0.11	< 0.1	< 1.1	< 1.1	< 0.13
Aroclor 1232	< 0.091	< 0.089	< 0.018	< 0.11	< 0.1	< 0.11	< 0.1	< 1.1	< 1.1	< 0.13
Aroclor 1242	< 0.091	< 0.089	< 0.018	< 0.11	< 0.1	< 0.11	< 0.1	< 1.1	< 1.1	< 0.13
Aroclor 1248	**1.1**	**0.42**	**0.033**	**0.34**	< 0.1	**0.14**	< 0.1	**12**	**11**	< 0.13
Aroclor 1254	< 0.091	< 0.089	**0.021**	< 0.11	< 0.1	**0.083 J**	< 0.1	< 1.1	< 1.1	**0.039 J**
Aroclor 1260	< 0.091	< 0.089	< 0.018	< 0.11	< 0.1	< 0.11	< 0.1	< 1.1	< 1.1	< 0.13
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**1.1**	**0.42**	**0.054**	**0.34**	< 0.1 U	**0.223**	< 0.1 U	**12**	**11**	**0.039**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nW-17-15	nY-17-15	nZZD-25-15	nZZD-27-15	nZZE-26-15	nZZE-26-15	nZZG-26-15	nZZI-26-15	nZZJ-27-15	nZZK-26-15
Sample Depth (ft):	0-0.15	0-0.15	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2
Date Sampled:	4/24/2015	4/24/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015
Sample ID:	nW-17-15	nY-17-15	nZZD-25-15 (0-2)	nZZD-27-15 (0-2)	nZZE-26-15 (0-2)	DUP070715DM2	nZZG-26-15 (0-2)	nZZI-26-15 (0-2)	nZZJ-27-15 (0-2)	nZZK-26-15 (0-2)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.12	< 0.11	< 0.02	< 0.018	< 0.018	< 0.017	< 0.017	< 0.018	< 0.017	< 0.017
Aroclor 1221	< 0.12	< 0.11	< 0.02	< 0.018	< 0.018	< 0.017	< 0.017	< 0.018	< 0.017	< 0.017
Aroclor 1232	< 0.12	< 0.11	< 0.02	< 0.018	< 0.018	< 0.017	< 0.017	< 0.018	< 0.017	< 0.017
Aroclor 1242	< 0.12	< 0.11	< 0.02	< 0.018	< 0.018	< 0.017	< 0.017	< 0.018	< 0.017	< 0.017
Aroclor 1248	< 0.12	**0.087 J**	< 0.02	< 0.018	< 0.018	< 0.017	< 0.017	< 0.018	< 0.017	< 0.017
Aroclor 1254	**0.13 J**	**0.085 J**	< 0.02	< 0.018	< 0.018	< 0.017	< 0.017	< 0.018	< 0.017	< 0.017
Aroclor 1260	< 0.12	< 0.11	< 0.02	< 0.018	< 0.018	< 0.017	< 0.017	< 0.018	< 0.017	< 0.017
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.13**	**0.172**	< 0.02 U	< 0.018 U	< 0.018 U	< 0.017 U	< 0.017 U	< 0.018 U	< 0.017 U	< 0.017 U

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Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nZZK-27-15	nZZM-26-15	nZZM-26-15	nZZO-26-15	nZZP-27-15	nZZQ-26-15	nZZQ-27-15	Q-17-15	Q-17-15	Q-17-15
Sample Depth (ft):	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	2-4	4-6
Date Sampled:	7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015	5/11/2015	5/11/2015	5/11/2015
Sample ID:	nZZK-27-15 (0-2)	nZZM-26-15 (0-2)	DUP070715DM1	nZZO-26-15 (0-2)	nZZP-27-15 (0-2)	nZZQ-26-15 (0-2)	nZZQ-27-15 (0-2)	Q-17-15(0-2)	Q-17-15(2-4)	Q-17-15(4-6)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.088	< 0.018	< 0.019	< 0.018	< 0.018	< 0.017	< 0.018	< 0.11	< 0.11	< 1.1
Aroclor 1221	< 0.088	< 0.018	< 0.019	< 0.018	< 0.018	< 0.017	< 0.018	< 0.11	< 0.11	< 1.1
Aroclor 1232	< 0.088	< 0.018	< 0.019	< 0.018	< 0.018	< 0.017	< 0.018	< 0.11	< 0.11	< 1.1
Aroclor 1242	< 0.088	< 0.018	< 0.019	< 0.018	< 0.018	< 0.017	< 0.018	< 0.11	< 0.11	**11**
Aroclor 1248	**0.026 JP**	< 0.018	< 0.019	< 0.018	**0.0098 JP**	< 0.017	**0.015 JP**	**0.39**	**0.28**	< 1.1
Aroclor 1254	< 0.088	< 0.018	< 0.019	< 0.018	< 0.018	< 0.017	< 0.018	**0.13**	**0.1 J**	< 1.1
Aroclor 1260	< 0.088	< 0.018	< 0.019	< 0.018	< 0.018	< 0.017	< 0.018	< 0.11	< 0.11	< 1.1
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.026**	< 0.018 U	< 0.019 U	< 0.018 U	**0.0098**	< 0.017 U	**0.015**	**0.52**	**0.38**	**11**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	Q-17-15	Q-17-15	AI-21-15	nAA-17-15	nAA-22-15	nAD-17-15	nAI-18-15	nAJ-22-15	nV-22-15	X-22-15
Sample Depth (ft):	6-8	8-10	0-0.16	0-0.16	0-0.16	0-0.16	0-0.16	0-0.16	0-0.16	0-0.16
Date Sampled:	5/11/2015	5/11/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015	5/4/2015
Sample ID:	Q-17-15(6-8)	Q-17-15(8-10)	AI-21-15(0-2 in)	nAA-17-15(0-2 in)	nAA-22-15(0-2 in)	nAD-17-15(0-2 in)	nAI-18-15(0-2 in)	nAJ-22-15(0-2 in)	nV-22-15(0-2 in)	X-22-15(0-2 in)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.12	< 0.11	<0.60	<0.53	<0.12	<0.55	<0.11	<0.59	<0.58	< 0.15
Aroclor 1221	< 0.12	< 0.11	<0.60	<0.53	<0.12	<0.55	<0.11	<0.59	<0.58	< 0.15
Aroclor 1232	< 0.12	< 0.11	<0.60	<0.53	<0.12	<0.55	<0.11	<0.59	<0.58	< 0.15
Aroclor 1242	< 0.12	< 0.11	<0.60	<0.53	<0.12	<0.55	<0.11	<0.59	<0.58	< 0.15
Aroclor 1248	< 0.12	< 0.11	**1.9**	<0.53	**0.17**	<0.55	**0.33**	**1.2**	<0.58	**0.13 J**
Aroclor 1254	< 0.12	< 0.11	**0.97**	<0.53	**0.42**	<0.55	**1**	**1**	<0.58	**0.28**
Aroclor 1260	< 0.12	< 0.11	<0.60	<0.53	<0.12	<0.55	<0.11	<0.59	<0.58	< 0.15
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	< 0.12 U	< 0.11 U	**2.8**	<0.53	**0.59**	<0.55	**1.3**	**2.2**	<0.58	**0.41**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	ZZB-27-15	ZZC-26-15	nAL-27-15	nAN-26-15	nAO-27-15	nAU-26-15	nAX-27-15	nBA-27-15	nBD-27-15	nBF-26-15
Sample Depth (ft):	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2
Date Sampled:	7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015
Sample ID:	ZZB-27-15 (0-2)	ZZC-26-15 (0-2)	nAL-27-15 (0-2)	nAN-26-15 (0-2)	nAO-27-15 (0-2)	nAU-26-15 (0-2)	nAX-27-15 (0-2)	nBA-27-15 (0-2)	nBD-27-15 (0-2)	nBF-26-15 (0-2)
CONSTITUENT (unit in mg/kg)										
Aroclor 1016	< 0.018	< 0.018	< 0.11	< 0.11	< 0.099	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1221	< 0.018	< 0.018	< 0.11	< 0.11	< 0.099	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1232	< 0.018	< 0.018	< 0.11	< 0.11	< 0.099	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1242	< 0.018	< 0.018	< 0.11	< 0.11	< 0.099	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1248	< 0.018	**0.011 J**	< 0.11	< 0.11	< 0.099	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1254	**0.0087 J**	< 0.018	**0.04 J**	< 0.11	**0.4**	< 0.11	< 0.11	< 0.11	**0.13**	**0.093 J**
Aroclor 1260	< 0.018	< 0.018	< 0.11	< 0.11	< 0.099	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1262	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--	--
Total PCBs	**0.0087**	**0.011**	**0.04**	<0.77	**0.4**	<0.77	<0.77	<0.77	**0.13**	**0.093**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Boring ID:	nM-26-15	nO-27-15	nQ-27-15	nS-26-15	nV-26-15	nZ-27-15
Sample Depth (ft):	0-2	0-2	0-2	0-2	0-2	0-2
Date Sampled:	7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015
Sample ID:	nM-26-15 (0-2)	nO-27-15 (0-2)	nQ-27-15 (0-2)	nS-26-15 (0-2)	nV-26-15 (0-2)	nZ-27-15 (0-2)
CONSTITUENT (unit in mg/kg)						
Aroclor 1016	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1221	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1232	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1242	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1248	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	**0.11**
Aroclor 1254	< 0.12	< 0.11	**0.14**	< 0.11	< 0.11	< 0.11
Aroclor 1260	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Aroclor 1262	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--
Total PCBs	<0.84	<0.77	**0.14**	<0.77	<0.77	**0.11**

Notes and Abbreviations on last page.

Table 4. Concentrations of PCB Aroclors and Total PCBs in Soil Samples by EPA Method 8082, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Notes and Abbreviations:

1. Results validated following protocols specified in March 2006 RI/FS Work Plan (ARCADIS G&M, Inc. 2006).
2. Samples analyzed for PCBs by fixed base laboratory using USEPA Method 8082.
3. Samples analyzed on a dry weight basis.

4. Sample depth as a single value represents the midpoint of sample interval. Sample depth listed as a range represents the interval where the sample was collected.

Total PCBs are rounded to two significant numbers.

Bold value indicates a detection

indicates sample collected from 0-2 ft has Total PCBs greater than 1 ppm

indicates sample collected from 2-10 ft has Total PCBs greater than 10 ppm

indicates sample collected from below 10 ft has Total PCBs greater than 50 ppm

Italicized are samples collected by Cardno ATC.

RI/FS	Remedial Investigation/Feasibility Study
USEPA	United States Environmental Protection Agency
PCB	Polychlorinated biphenyl
ft	Feet below original land surface
mg/kg	Milligrams per kilogram
J	Value is estimated

Table 5. Comparison of Screening Method and Confirmatory Method Total PCB results, Park Soil Pre-Design Sampling, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York.

Sample ID	Screening Method Total PCB Concentration** (mg/kg)	Confirmatory Method Total PCB Concentration** (mg/kg)	Are Screening Method and Confirmatory Concentrations Method Consistent with regard to the 1 mg/kg, 10 mg/kg or 50 mg/kg criteria?
M-19-14_3	220	78	Yes (>50 ppm)
N-20-14_3	ND	0.30	Yes (<1 ppm)
O-12-14_3	ND	0.10	Yes (<1 ppm)
C-5-14_5	14	5.80	NO
M-19-14_5	230	100	Yes (>50 ppm)
M-20-14_5	190	110	Yes (>50 ppm)
O-12-14_5	14	14	Yes (<10 ppm)
C-16-14_7	ND	0.50	Yes (<1 ppm)
C-18-14_7	ND	0.40	Yes (<1 ppm)
M-13-14_7	ND	27	NO
C-6-14_9	ND	0.25	Yes (<1 ppm)
M-16-14_9	ND	0	Yes (<1 ppm)
M-19-14_9	56	28	NO
O-20-14_9	ND	0.03	Yes (<1 ppm)
A-13-14_11	47	11	Yes (<10 ppm)
E-5-14_11	35	15	Yes (<10 ppm)
O-10-14_11	6300	15000	Yes (>50 ppm)
O-10-14_13	3300	2200	Yes (>50 ppm)
O-11-14_13	5400	1900	Yes (>50 ppm)
O-9-14_13	2600	290	Yes (>50 ppm)
P-10-14_13	6700	4800	Yes (>50 ppm)
P-10-14_15	1200	650	Yes (>50 ppm)
C-13-14_17	41	46	Yes (<50 ppm)
E-13-14_17	97	69	Yes (>50 ppm)
P-10-14_17	23	13	Yes (<10 ppm)
E-4-14_19	ND	0.59	Yes (<1 ppm)
E-11-14_23	16	25	Yes (<10 ppm)

Notes and Abbrevation:

Screening Method is Modified USEPA 8082 Method

Confirmatory Method is USEPA 8082 Method

mg/kg milligrams per kilogram

ND Not detected

PCB polychlorinated biphenyl