NST10-N	
Depth (cm)	PCB (mg/kg)
0-1	1.53
1-2	2.20
2-3	2.04
3-4	1.05
4-5	1.26
5-6	2.11
6-7	1.81
7-8	0.87
9-10	0.77 [1.33]
14-15	0.55
19-20	1.48
24-25	1.77
29-30	56.50
34-35	358.00 [385.00]
39-40	3,070.00
44-45	42.90
49-50	43.80
54-55	68.00
59-60	12.50
64-65	7.49
69-70	16.40
74-75	35.50
79-80	1.20
84-85	ND(0.08)
89-90	0.09
94-95	0.23

NST9-N	
Depth (in)	PCB (mg/kg)
0-3	0.32

SED-T9-NSN	
Depth (in)	PCB (mg/kg)
0-3	1.95
3-6	1.82
6-14	1.09

SED-T11-NSN	
Depth (in)	PCB (mg/kg)
0-3	32.03

SED-T12-NSNA	
Depth (in)	PCB (mg/kg)
0-3	0.43
3-6	ND(0.08)
6-12	ND(0.08)
12-18	ND(0.07)

SED-T12-NSNB	
Depth (in)	PCB (mg/kg)
0-3	1.48
3-6	0.34
6-12	ND(0.07)
12-20	ND(0.07)

SED-T12-NSNC	
Depth (in)	PCB (mg/kg)
0-3	ND(0.08)
3-6	ND(0.07)
6-14	ND(0.07)

NST13-N	
Depth (in)	PCB (mg/kg)
0-0.39	1.66
0.39-3	2.39
3-12	22.16
12-16	46.85

SED-T13-NSN	
Depth (in)	PCB (mg/kg)
0-3	24.28
3-6	267.70
6-10	29.40
10-16	0.49[0.12]
16-22	ND(0.08)

SED-T14-NSN	
Depth (in)	PCB (mg/kg)
0-3	10.22
3-5	0.43

NST16N-03	
Depth (in)	PCB (mg/kg)
0-0.39	2.29
0.39-3	2.06
3-6	ND(0.47)
6-12	ND(0.42)
12-18	ND(0.43)
18-24	ND(0.45)
24-30	ND(0.44)

SED-T15-NSN	
Depth (cm)	PCB (mg/kg)
0-1	0.15
1-2	0.14
2-3	ND(0.08)
3-4	ND(0.08)
4-5	ND(0.08)
5-6	ND(0.09)
6-7	ND(0.09)
7-8	ND(0.08)
9-10	ND(0.09)
14-15	0.76
19-20	ND(0.08)[ND(0.08)]
24-25	ND(0.08)
29-30	ND(0.08)
34-35	ND(0.08)
39-40	ND(0.08)
44-45	ND(0.08)
49-50	ND(0.08)
54-55	ND(0.07)
59-60	ND(0.08)
64-65	ND(0.08)
69-70	ND(0.07)
74-75	ND(0.08)
79-80	ND(0.08)
84-85	ND(0.08)
89-90	ND(0.08)
94-95	ND(0.08)
99-100	ND(0.08)
104-105	ND(0.08)
109-110	ND(0.08)
114-115	ND(0.08)
119-120	ND(0.08)
124-125	ND(0.08)
129-130	ND(0.08)

NST16S-03	
Depth (in)	PCB (mg/kg)
0-0.39	0.26 J
0.39-3	0.17 J
3-6	0.31 J
6-9	1.14

SED-T16-NSS	
Depth (in)	PCB (mg/kg)
0-3	0.48
3-6	3.60
6-12	1.71

SED-T15-NSS	
Depth (cm)	PCB (mg/kg)
0-1	0.83
1-2	1.19
2-3	1.28
3-4	1.45
4-5	0.71
5-6	1.24
6-7	0.07
7-8	ND(0.07)
9-10	0.07
14-15	ND(0.07)
19-20	ND(0.07)[ND(0.07)]
24-25	ND(0.07)
29-30	ND(0.07)
34-35	ND(0.06)
39-40	ND(0.06)
44-45	ND(0.06)
49-50	ND(0.06)
54-55	ND(0.06)
59-60	ND(0.06)
64-65	ND(0.06)
69-70	ND(0.06)
74-75	ND(0.07)
79-80	ND(0.06)
84-85	ND(0.06)

SED-T14-NSS	
Depth (in)	PCB (mg/kg)
0-3	5.22
3-8	33.13

SED-T13-NSS	
Depth (in)	PCB (mg/kg)
0-3	1.36
3-6	1.92
6-12	ND(0.06)

SED-T12-NSSC	
Depth (in)	PCB (mg/kg)
0-3	0.61
3-6	4.51
6-13	32.44
13-19	4.15[3.90]
19-25	0.14

SED-T12-NSSB	
Depth (in)	PCB (mg/kg)
0-3	1.07
3-6	8.84
6-12	1.87
12-18	ND(0.06)

SED-T12-NSSA	
Depth (in)	PCB (mg/kg)
0-3	0.90
3-6	21.84
6-8	0.08

NST11-S	
Depth (in)	PCB (mg/kg)
0-3	0.19

SED-T11-NSS	
Depth (in)	PCB (mg/kg)
0-3	0.22
3-6	0.46
6-12	0.57
12-18	6.23[9.19]
18-24	22.43
24-30	23.84
30-33	170.60

NST10-S	
Depth (cm)	PCB (mg/kg)
0-1	ND(0.08)
1-2	ND(0.08)
2-3	0.08
3-4	ND(0.06)
4-5	ND(0.06)
5-6	ND(0.06)
6-7	ND(0.06)
7-8	ND(0.06)
9-10	0.09
14-15	ND(0.06)
19-20	ND(0.06) [ND(0.07)]
24-25	ND(0.06)
29-30	ND(0.07)
34-35	ND(0.07)

DENNISON ROAD
COUNTY ROUTE 42
COUNTY ROUTE 42
OUTFALL 005
IMPOUNDMENT
GRASSE RIVER
MATCHLINE
FIGURE 3
MATCHLINE
FIGURE 1
SEE FIGURE 2A
T9
T10
T11
T12
T13
T14
T15
T16
CAMPGROUND
FORMER
WALMART
ROUTE 37
HIGHLAND ROAD
ROUTE 37
0
200'
400'
GRAPHIC SCALE

AVERAGE PCB CONCENTRATION (0-3")
- NO SURFACE DATA AVAILABLE
- LESS THAN OR EQUAL TO 10 mg/kg
- GREATER THAN 10 OR EQUAL TO 25 mg/kg
- GREATER THAN 25 OR EQUAL TO 50 mg/kg
- GREATER THAN 50 mg/kg

SEE FIGURE 1 FOR NOTES AND COMPLETE LEGEND INFORMATION

GRASSE RIVER STUDY AREA
MASSENA, NEW YORK

2003 THROUGH 2010 NEAR SHORE SAMPLING LOCATIONS AND PCB RESULTS

ALCOA

FIGURE 2

CITY:SYRACUSE,NY DIV/GROUP:ENVCAD DB: L.POSENAUER K. DAVIS L. FORAKER LD:L. POSENAUER PIC:H. VANDEWALKER PM:H.VANDEWALKER
G:\ENVCAD\SYRACUSE\ACTIVE\00108540000\0001\DWG\NEAR SHORE AERIAL\PCB\108542102.DWG LAYOUT: 2 SAVED: 9/1/2011 11:35 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: C4-D2B-PDF-AERIAL PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 9/1/2011 11:35 AM BY: FORAKER, LYDIA
XREFS: IMAGES: PROJECTNAME: NYS_GIS_1FT
10854X00 10854X01.TIF
10854X07 e_03902222_12_09600_col_2006.jp2
10854X02 e_03902224_12_09600_col_2006.jp2
10854X10 e_03902226_12_09600_col_2006.jp2
e_03932222_12_09600_col_2006.jp2
e_03932224_12_09600_col_2006.jp2
e_03932226_12_09600_col_2006.jp2
e_03962222_12_09600_col_2006.jp2
e_03962224_12_09600_col_2006.jp2
e_03962226_12_09600_col_2006.jp2
e_03962228_12_09600_col_2006.jp2
e_03992224_12_09600_col_2006.jp2
e_03992226_12_09600_col_2006.jp2
e_03992228_12_09600_col_2006.jp2
e_03992230_12_09600_col_2006.jp2
e_04022226_12_09600_col_2006.jp2
e_04022228_12_09600_col_2006.jp2
e_04052228_12_09600_col_2006.jp2
e_04052230_12_09600_col_2006.jp2
e_04052232_12_09600_col_2006.jp2

CITY:SYRACUSE,NY DIV/GROUP:ENVCAD DB:L.POSENAUER K.DAVIS L.FORAKER LD:L.POSENAUER PM:H.VANDEWALKER PM:H.VANDEWALKER
G:\ENVCAD\SYRACUSE\ACTIVE\0010854\000000001\DWG\NEAR SHORE AERIAL\PCB\10854C10.dwg LAYOUT:2A SAVED:9/1/2011 11:47 AM ACADVER:18.1S (LMS TECH) PAGESETUP:C4-D2B-PDF-AERIAL PLOTSTYLETABLE:PLTFULL.CTB PLOTTED:9/1/2011 11:47 AM BY:FORAKER,LYDIA
XREFS: IMAGES: PROJECTNAME:NYS_GIS_1FT
10854X02 e_03902222_12_09600_col_2006.jp2
10854X00 e_03902226_12_09600_col_2006.jp2
10854X07 e_03902224_12_09600_col_2006.jp2
10854X10 e_03902228_12_09600_col_2006.jp2
e_03902230_12_09600_col_2006.jp2
e_04052228_12_09600_col_2006.jp2
e_04052230_12_09600_col_2006.jp2
e_04052232_12_09600_col_2006.jp2

AVERAGE PCB CONCENTRATION (0–3")

- NO SURFACE DATA AVAILABLE
- LESS THAN OR EQUAL TO 10 mg/kg
- GREATER THAN 10 OR EQUAL TO 25 mg/kg
- GREATER THAN 25 OR EQUAL TO 50 mg/kg
- GREATER THAN 50 mg/kg

GRASSE RIVER

1207	
Depth (in)	PCB (mg/kg)
0–1	0.66
1–2	0.47
2–3	0.23
3–4	0.52
4–5	0.46
5–6	2.43
6–7	4.66
7–8	13.55
8–9	8.80
9–10	118.53
10–11	113.24
11–12	1.99

1213	
Depth (in)	PCB (mg/kg)
0–1	0.68
1–2	4.68
2–3	9.13
3–4	7.44
4–5	10.86
5–6	9.56
6–7	10.75
7–8	37.66
8–9	263.11
9–12	1086.50[874.20]

1224	
Depth (in)	PCB (mg/kg)
0–1	2.41
1–2	3.79
2–3	25.67
3–4	57.89
4–7	58.36

1239	
Depth (in)	PCB (mg/kg)
0–1	5.12
1–2	2.89
2–3	5.59
3–4	4.13
4–7	25.10

1254	
Depth (in)	PCB (mg/kg)
0–1	0.64
1–2	0.61
2–3	2.79
3–4	6.16
4–5	5.06
5–6	1.46
6–7	0.96
7–8	0.39
8–9	0.27
9–10	ND(0.09)
10–11	ND(0.09)
11–12	ND(0.07)

1259	
Depth (in)	PCB (mg/kg)
0–1	0.43
1–2	0.10
2–3	ND(0.06)
3–4	1.49
4–7	19.26[29.77]

1190	
Depth (in)	PCB (mg/kg)
0–1	15.24
1–2	1.63
2–3	1.22
3–4	0.71
4–5	5.10
5–6	9.55
6–7	51.83
7–8	154.46
8–9	161.40
9–10	97.45
10–11	69.06
11–12	55.95

1180	
Depth (in)	PCB (mg/kg)
0–1	2.94
1–2	1.94
2–3	1.83
3–4	0.65[1.81]
4–5	0.27
5–6	ND(0.11)
6–7	ND(0.08)
7–8	ND(0.07)
8–9	ND(0.07)
9–10	ND(0.07)
10–11	ND(0.08)
11–12	ND(0.07)

1174	
Depth (in)	PCB (mg/kg)
0–1	0.09
1–2	0.07
2–3	0.10
3–4	0.22
4–7	23.59

SNS–1	
Depth (in)	PCB (mg/kg)
0–2	0.12
2–5	13.40
5–8	1.05
8–14	ND(0.08)[ND(0.08)]

SNS–2	
Depth (in)	PCB (mg/kg)
0–3	ND(0.07)
3–6	ND(0.07)
6–12	ND(0.08)[0.14]

1189	
Depth (in)	PCB (mg/kg)
0–1	0.10
1–2	0.22
2–3	1.82
3–4	2.11
4–7	0.37

SNS–6	
Depth (in)	PCB (mg/kg)
0–2	ND(0.06)
2–3	ND(0.05)
3–6	0.63
6–9	0.38
9–15	ND(0.08)

1264	
Depth (in)	PCB (mg/kg)
0–1	0.40
1–2	0.24
2–3	0.25
3–4	0.21
4–5	0.79
5–8	1.36

T10

T9

1194	
Depth (in)	PCB (mg/kg)
0–1	0.26
1–2	0.48
2–5	4.68

SNS–3	
Depth (in)	PCB (mg/kg)
0–2	ND(0.06)
2–4	0.33
4–7	0.13
7–10	ND(0.08)
10–16	ND(0.07)[ND(0.07)]

1217	
Depth (in)	PCB (mg/kg)
0–3	0.56

1223	
Depth (in)	PCB (mg/kg)
0–1	0.22
1–2	0.26
2–3	0.80
3–4	5.86
4–5	47.81
5–6	83.63
6–7	12.02
7–8	ND(0.08)
8–9	ND(0.08)
9–10	ND(0.08)
10–11	0.09
11–12	ND(0.08)

SNS–4	
Depth (in)	PCB (mg/kg)
0–2	3.34
2–5	1.53
5–8	ND(0.07)
8–14	ND(0.07)[ND(0.08)]

1238	
Depth (in)	PCB (mg/kg)
0–1	ND(0.08)
1–2	ND(0.08)
2–3	ND(0.08)
3–4	ND(0.08)
4–5	ND(0.08)
5–6	ND(0.08)
6–7	ND(0.08)
7–8	ND(0.07)
8–9	ND(0.08)
9–10	ND(0.07)
10–11	ND(0.07)
11–12	ND(0.07)

1243	
Depth (in)	PCB (mg/kg)
0–1	0.40
1–4	0.70

SNS–5	
Depth (in)	PCB (mg/kg)
0–2	ND(0.06)
2–4	0.34
4–7	1.91
7–10	13.30
10–16	9.20[10.20]

0 50' 100'
GRAPHIC SCALE

ROUTE 37

SEE FIGURE 1 FOR NOTES AND COMPLETE LEGEND INFORMATION

GRASSE RIVER STUDY AREA
MASSENA, NEW YORK

2003 THROUGH 2010 NEAR SHORE SAMPLING LOCATIONS AND PCB RESULTS

ALCOA

FIGURE
2A