

## 2009 Valatie Kill and Nassau Lake PCB Summary

Location	Species	# of Specimens # of Analyses	Percent Lipid	Length (mm)	Weight (g)	Total PCB (ppm)	Lipid PCB (ppm)
Valatie Kill at T-14	Blacknose dace	34 (4)	4.34 (3.40 - 4.70)	69 (63 - 77)	3 (3 - 5)	1.09 (0.43 - 1.89)	26.98 (9.33 - 55.53)
	Creek Chub	7 (2)	3.06 (2.80 - 3.70)	102 (87 - 120)	12 (10 - 20)	0.59 (0.36 - 0.68)	20.14 (9.78 - 24.29)
	Brook trout	5 (5)	3.52 (2.60 - 4.20)	202 (116 - 250)	114 (54 - 202)	0.71 (0.19 - 1.54)	20.65 (5.34 - 36.62)
	White sucker	21 (9)	3.07 (1.50 - 3.60)	160 (109 - 270)	67 (17 - 232)	0.60 (0.04 - 0.97)	19.33 (2.53 - 54.94)
Above Former Mead Rd. Pond	Blacknose dace	11 (2)	3.65 (3.10 - 4.10)	63 (48 - 91)	2 (2 - 4)	15.12 (7.19 - 21.74)	394.59 (231.81 - 530.24)
	Creek Chub	25 (8)	3.03 (1.50 - 4.80)	82 (63 - 118)	7 (3 - 20)	2.14 (1.39 - 3.36)	74.84 (49.00 - 115.76)
Former Pond Area	Blacknose dace	25 (2)	5.64 (3.60 - 7.00)	52 (36 - 76)	1 (1 - 4)	10.38 (6.62 - 16.02)	234.82 (94.60 - 445.14)
	Creek Chub	56 (8)	3.65 (2.40 - 4.40)	75 (44 - 120)	6 (2 - 17)	3.79 (1.51 - 7.03)	98.04 (41.89 - 159.75)
Upper 1/3 of T-11A	Blacknose dace	67 (7)	6.07 (2.10 - 8.80)	55 (35 - 74)	2 (1 - 4)	19.17 (13.74 - 27.70)	456.07 (169.63 - 1318.81)
	Creek Chub	4 (3)	2.10 (1.60 - 2.50)	92 (79 - 107)	9 (6 - 13)	8.21 (2.13 - 13.86)	351.90 (133.06 - 554.60)
Middle 1/3 of T-11A	Blacknose dace	39 (6)	7.41 (3.50 - 9.30)	52 (35 - 75)	2 (1 - 4)	45.49 (24.77 - 58.35)	716.87 (266.34 - 1577.03)
	Creek Chub	3 (2)	4.03 (2.50 - 4.80)	99 (92 - 110)	12 (8 - 18)	13.57 (9.37 - 15.67)	342.57 (326.46 - 374.80)
	Brook trout	3 (2)	5.37 (5.30 - 5.40)	120 (109 - 136)	21 (15 - 33)	27.25 (23.38 - 29.18)	507.29 (441.13 - 540.37)
Lower 1/3 of T-11A	Blacknose dace	3 (1)	3.50	70	3	10.00	285.60
	Brook trout	37 (9)	3.04 (2.30 - 5.00)	68 (44 - 128)	5 (1 - 22)	14.65 (2.33 - 45.44)	486.90 (54.21 - 1009.67)
V.K. below T-11A Confluence	Blacknose dace	45 (5)	4.24 (3.20 - 5.00)	71 (62 - 77)	3 (3 - 5)	8.29 (4.21 - 13.58)	207.81 (100.14 - 424.38)
	Longnose dace	43 (5)	7.73 (5.70 - 9.10)	79 (59 - 102)	5 (2 - 11)	4.32 (1.93 - 6.67)	59.66 (27.24 - 117.00)
	Brook trout	5 (5)	3.08 (2.70 - 3.50)	200 (168 - 242)	95 (52 - 179)	2.79 (1.74 - 3.70)	89.95 (62.27 - 127.45)
	White sucker	5 (5)	1.54 (1.00 - 2.10)	225 (203 - 249)	135 (85 - 180)	1.02 (0.37 - 1.88)	65.33 (34.00 - 110.47)

## 2009 Valatie Kill and Nassau Lake PCB Summary Continued

Location	Species	# of Specimens # of Analyses	Percent Lipid	Length (mm)	Weight (g)	Total PCB (ppm)	Lipid PCB (ppm)
V.K. above Area 28	Blacknose dace	5 (1)	8.20	74	4	3.79	46.26
	Longnose dace	38 (7)	8.48 (6.90 - 10.40)	78 (55 - 106)	5 (2 - 13)	4.34 (2.41 - 7.61)	51.48 (31.63 - 101.45)
	Brook trout	11 (7)	3.15 (1.30 - 4.70)	170 (70 - 366)	111 (3 - 548)	1.60 (1.27 - 2.18)	57.52 (29.74 - 133.69)
	White sucker	5 (3)	2.70 (1.50 - 3.40)	184 (159 - 217)	70 (44 - 113)	1.38 (0.70 - 1.72)	51.83 (38.72 - 68.73)
V.K. at Area 28	American eel	1	19.00	845	1412	12.49	65.73
	Blacknose dace	17 (3)	6.20 (2.60 - 8.80)	70 (52 - 81)	3 (2 - 6)	4.14 (3.99 - 4.42)	87.77 (45.30 - 170.19)
	Longnose dace	33 (4)	9.51 (8.00 - 13.00)	85 (71 - 99)	6 (5 - 10)	4.88 (3.58 - 5.81)	53.27 (29.43 - 72.68)
	Redbreast sunfish	1	3.50	155	106	1.49	42.51
	Brook trout	3 (3)	3.27 (2.60 - 4.50)	306 (292 - 315)	349 (310 - 385)	2.88 (2.75 - 3.11)	92.63 (69.02 - 105.65)
	White sucker	10 (5)	3.25 (1.70 - 4.60)	159 (116 - 260)	57 (18 - 200)	1.55 (0.63 - 2.91)	44.86 (31.50 - 63.17)
V.K. below Area 28	Longnose dace	25 (4)	7.51 (6.00 - 8.70)	78 (58 - 96)	6 (3 - 10)	4.63 (2.52 - 8.18)	63.68 (28.98 - 96.22)
	Brook trout	22 (8)	4.29 (3.20 - 4.70)	108 (69 - 224)	29 (4 - 127)	1.40 (0.81 - 2.42)	32.98 (23.30 - 71.09)
	White sucker	16 (8)	2.99 (1.50 - 3.60)	194 (115 - 378)	154 (18 - 643)	1.99 (0.50 - 2.60)	70.38 (33.00 - 152.71)
Nassau Lake	American eel	10 (10)	14.46 (1.40 - 20.90)	654 (349 - 900)	638 (68 - 1865)	12.78 (1.30 - 31.46)	95.79 (40.96 - 164.50)
	Brown bullhead	4 (4)	0.40 (0.18 - 0.83)	361 (322 - 400)	647 (392 - 860)	4.01 (2.07 - 7.48)	1172.89 (645.62 - 2325.56)
	Bluegill	10 (10)	0.42 (0.28 - 0.60)	199 (189 - 208)	154 (124 - 184)	1.85 (0.21 - 4.10)	498.08 (47.67 - 1464.29)
	Largemouth bass	15 (15)	1.17 (0.43 - 2.50)	382 (328 - 425)	809 (184 - 1324)	3.70 (1.13 - 10.93)	365.03 (161.14 - 1026.98)
	Pumpkinseed	10 (10)	0.41 (0.24 - 0.72)	200 (180 - 227)	166 (126 - 275)	2.09 (0.20 - 4.80)	553.41 (52.37 - 1333.06)
	White perch	3 (3)	2.07 (0.72 - 3.30)	322 (310 - 343)	475 (430 - 565)	20.02 (13.38 - 30.70)	1246.01 (484.24 - 1858.33)
	Yellow bullhead	11 (11)	0.66 (0.16 - 3.10)	279 (216 - 350)	359 (221 - 658)	1.88 (0.46 - 6.54)	650.70 (85.03 - 3269.50)
	Yellow perch	15 (15)	0.57 (0.27 - 1.30)	233 (190 - 264)	149 (66 - 232)	0.88 (0.25 - 1.97)	170.35 (61.57 - 462.00)
V.K. below Nassau Lake Dam	American eel	2 (2)	6.70 (5.50 - 7.90)	524 (487 - 562)	305 (224 - 386)	1.34 (1.22 - 1.47)	21.05 (15.42 - 26.69)
	Bluegill	3 (3)	1.00 (0.71 - 1.30)	178 (170 - 183)	135 (133 - 138)	0.42 (0.05 - 1.12)	42.62 (4.00 - 111.90)
	Common shiner	3 (1)	5.80	126	22	1.17	20.14
	Cutlips minnow	4 (2)	2.75 (2.00 - 3.50)	109 (92 - 133)	18 (10 - 32)	2.02 (1.58 - 2.46)	83.95 (45.06 - 122.85)
	Fallfish	4 (1)	4.10	161	40	1.14	27.76
	Longnose dace	34 (6)	7.58 (5.70 - 8.80)	79 (66 - 109)	6 (4 - 18)	1.41 (0.90 - 1.91)	18.52 (14.72 - 23.27)
	White sucker	5 (5)	1.58 (1.10 - 2.20)	272 (235 - 365)	253 (143 - 565)	0.42 (0.31 - 0.54)	28.57 (15.18 - 39.54)