

DISTRICT = 53

LAKE SURVEY SUMMARY REPORT (PREPARED 1993/02/05 23:38:57)

YEAR OF ORIG. SURVEY: 1985

FOOTE LAKE (KATE'S) = (NO MAP)

LATITUDE - 45-28 LONGITUDE - 79-11 TOWNSHIP - BETHUNE
WATERSHED - 2EB15 ELEVATION - 369 M

BASIN AND TERRAIN CHARACTERISTICS:

SURF. AREA - 128.9 HA PERIMETER - 9.3 KM PROJECT - X1764275
MAX. DEPTH - 11.5 M ISLAND SL - 0.6 KM LIT. ZONE - 83 %
MEAN DEPTH - 3.2 M COTTAGES - 40
MEI - 6.8 RESORTS - 0
CROWN - 40 %

WATER CHEMISTRY DATA:

STATION # - 1 SECCHI - 2.3 M AIR TEMP - 31.7 C
TIME - 14:30 SURFACE - RIPPLED (2) CLOUD - 80 %
DATE - 1970/07/29 COLOUR - YELLOW-BROWN (2)

DEPTH (M)	TEMP (C)	DO (MG/L)	PH	ALK (MG/L)	CELLTEMP (C)	COND (UMHOS/CM)
0.0	28.9	--	--	--	--	--
1.5	25.0	7.4	7.5	13.7	25.5	33.0
3.1	18.9	5.2	6.5	13.7	--	--
4.6	17.2	3.6	6.0	13.7	25.5	33.0
6.1	12.8	--	--	--	--	--
7.6	8.9	--	--	--	--	--
9.2	7.8	--	--	--	--	--
10.7	6.7	0.0	6.0	27.4	25.5	40.0

*brook speckled trout 80
white sucker 163
northern redbelly dace 182
blacknose shiner 200
bluntnose minnow 208
creek chub 212
brown bullhead 233
yellow perch 331*

FISH SPECIES:

*Rainbow Trout
Small M. Bass*

BATHYMETRY:

DEPTH (M)	AREA (HA)	DEPTH (M)	AREA (HA)
0.0	128.9	9.1	4.9
3.0	50.3	6.1	22.0