Illinois Department of Conservation
life and land together

LINCOLN TOWER PLAZA • 524 SOUTH SECOND STREET • SPRINGFIELD 62701-1787
CHICAGO OFFICE • ROOM 4-300 • 100 WEST RANDOLPH 60601
MARK FRECH, DIRECTOR – KATHY SELCKE, ASSISTANT DIRECTOR

Mr. Jim Reed
2408 Lakewood
Champaign, IL 61820

5 October 1990

Dear Jim:

We surveyed the fish population in your lake on 2 October 1990 at 1140 hours. The lake was surveyed with the electroshocking boat for 20 minutes resulting in the collection of 103 fish. Of these almost 50% were largemouth bass, with one bass reaching the 5 pound mark. The length limit that you have on the lake of 14 inches appears to be working and should be maintained. The bass population is of good density and has good size distribution. The bass were a little on the thin side, but I would prefer to have them hungry, so that they keep the bluegill population under control.

The bluegill population appears to be in good shape as well, though it would have been nice to see some 8-10 inch fish. They may have been in deeper water at the time of the survey. There were a few green sunfish in the lake, and because of the their lower numbers they have hybridized with the bluegill.

Two channel catfish were found. I don't know how many or when the last time they were stocked, but if it has been several years then the lake association should consider stocking 500, eight-ten inch catfish.

The only thing that I noticed was lacking was cover for the fish. I realize people would not like a dead tree in along their section of the water front. But possibly small groups of Christmas trees could be cabled together and weighed down with cement blocks in areas of the lake where it is 7-10 foot deep and thus they would be out-of-sight. This might be a good way of getting rid of some of the Christmas trees.

Otherwise the lake looks in pretty good shape. If you have any questions please feel free to contact me.

Cordially,

Gary Lutterbie

Gary Lutterbie
District Fishery Biologist
506 E. 7th St.
Gibson City, IL 60936
217/784-4730

ILLINOIS DEPARTMENT OF CONSERVATION
Division of Fish & Wildlife

# FISH POPULATION ANALYSIS

(Condition factor & Length-Frequency Summary

COUNTY CHAMPAIGN

WATER (NAME) Cherry Hills-North Old Lake

DATE OF COLLECTION 2 October 1990

| Species | Length Group | Number | Percent of Total | Average Weight | Relative Weight | Condition Factor |
|---|---|---|---|---|---|---|
| Largemouth bass | 2.0 | 1 | 2.1 | | | |
| | 2.5 | 4 | 8.3 | | | |
| | 3.0 | 1 | 2.1 | | | |
| | 4.0 | 1 | 2.1 | 0.03 | | |
| ≥ 8"=38 | 4.5 | 2 | 4.2 | 0.04 | | |
| ≥12"=13 | 5.0 | 1 | 2.1 | 0.05 | | |
| ≥15"=1 | 8.5 | 1 | 2.1 | 0.28 | | |
| | 9.0 | 2 | 4.2 | 0.33 | | |
| PSD=34% | 10.0 | 2 | 4.2 | 0.42 | | |
| c/min of bass | 10.5 | 7 | 14.6 | 0.52 | | |
| ≥ 6"=1.9 | 11.0 | 8 | 16.7 | 0.58 | | |
| | 11.5 | 5 | 10.4 | 0.65 | | |
| | 12.0 | 5 | 10.4 | 0.78 | | |
| | 13.0 | 3 | 6.2 | 1.11 | | |
| | 13.5 | 2 | 4.2 | 1.18 | | |
| | 14.0 | 2 | 4.2 | 1.52 | | |
| | 19.5 | 1 | 2.1 | 5.02 | | |
| Total | | 48 | 100.0 | | | |
| | | | | | | |
| Channel catfish | 14.0 | 1 | 50.0 | 0.83 | | |
| | 15.0 | 1 | 50.0 | 0.98 | | |
| Total | | 2 | 100.0 | | | |

Sampling Time Involved: 20 mins. Method of Collection: Electroshocking

Biologist: Gary Lutterbie Date of Report: 4 October 1990

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ILLINOIS DEPARTMENT OF CONSERVATION
Division of Fish & Wildlife

# FISH POPULATION ANALYSIS

(Condition factor & Length-Frequency Summary

COUNTY CHAMPAIGN

WATER (NAME) Cherry Hills-North Old Lake

DATE OF COLLECTION 2 October 1990

| Species | Length Group | Number | Percent of Total | Average Weight | Relative Weight | Condition Factor |
|---|---|---|---|---|---|---|
| Bluegill | 1.5 | 7 | 15.9 | Plus many more 1.5-2.0" BLG | | |
| | 2.0 | 10 | 22.7 | observed | | |
| ≥ 3"=27 | 3.0 | 2 | 4.5 | 0.02 | | |
| ≥6"=22 | 3.5 | 1 | 2.3 | 0.02 | | |
| | 4.0 | 1 | 2.3 | 0.04 | | |
| PSD= 81% | 5.5 | 1 | 2.3 | 0.11 | | |
| c/min ≥3"=1.4 | 6.0 | 20 | 45.4 | 0.14 | | |
| | 6.5 | 2 | 4.5 | 0.20 | | |
| Total | | 44 | 100.0 | | | |
| | | | | | | |
| Green sunfish | 7.0 | 1 | 100.0 | 0.23 | | |
| | | | | | | |
| Hybrid bluegill | 2.0 | 1 | 12.5 | - | | |
| | 3.5 | 1 | 12.5 | 0.04 | | |
| | 4.0 | 2 | 25.0 | 0.06 | | |
| | 4.5 | 2 | 25.0 | 0.06 | | |
| | 5.0 | 1 | 12.5 | 0.07 | | |
| | 5.5 | 1 | 12.5 | 0.13 | | |
| Total | | 8 | 100.0 | | | |
| | | | | | | |
| Time= 1140 | | | | | | |
| Air temp.= 65°F | | | | | | |
| Water temp.= 62°F | | | | | | |
| pH= 7.5 | | | | | | |
| Tot. alkalinity= 120 | | | | | | |
| Conductivity= 300 | | | | | | |
| Secchi= 2.5' | | | | | | |
| | | | | | | |
| | | | | | | |

Sampling Time Involved: 20 mins. Method of Collection: Electroshocking

Biologist: Gary Lutterbie Date of Report: 4 October 1990

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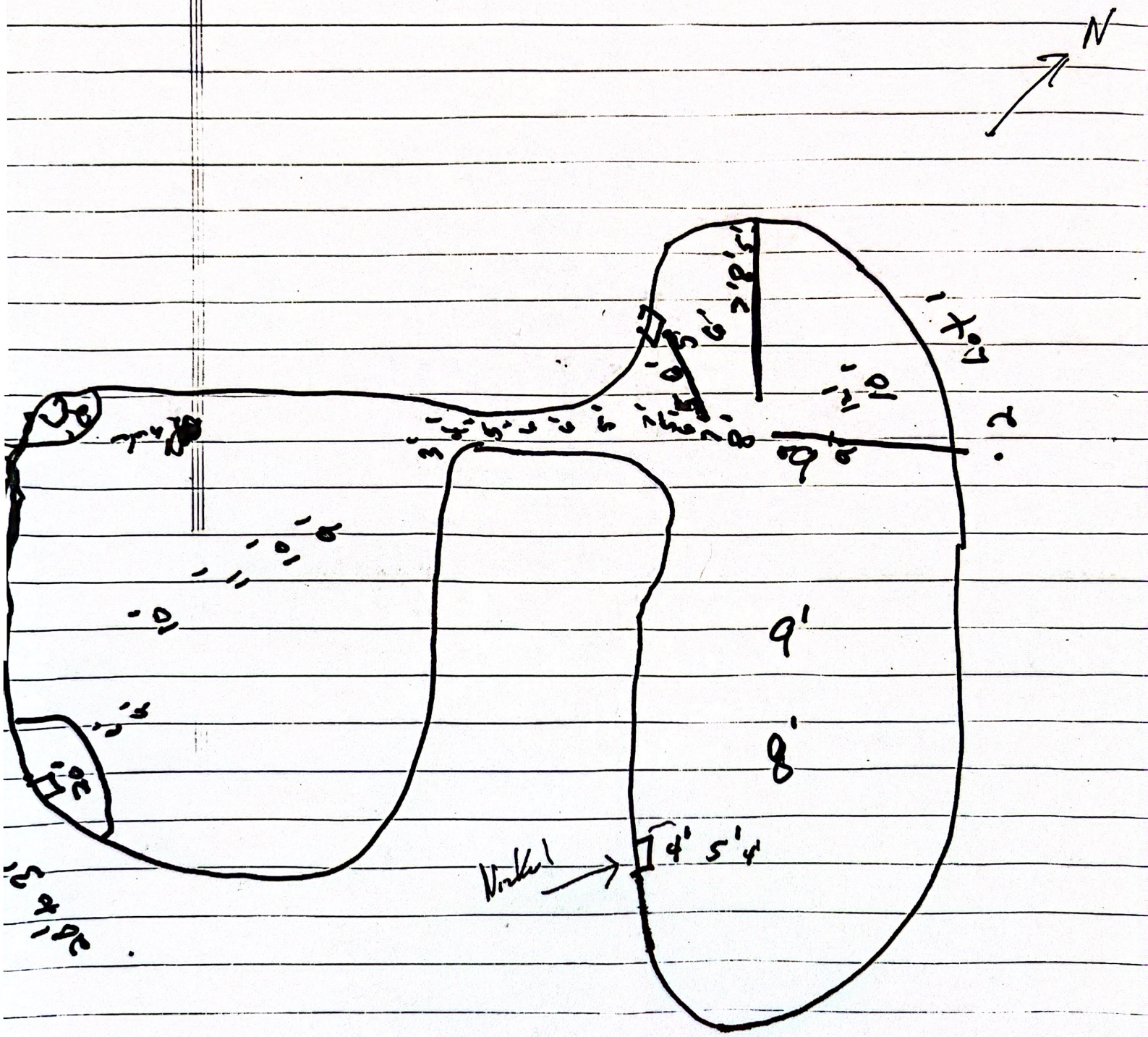
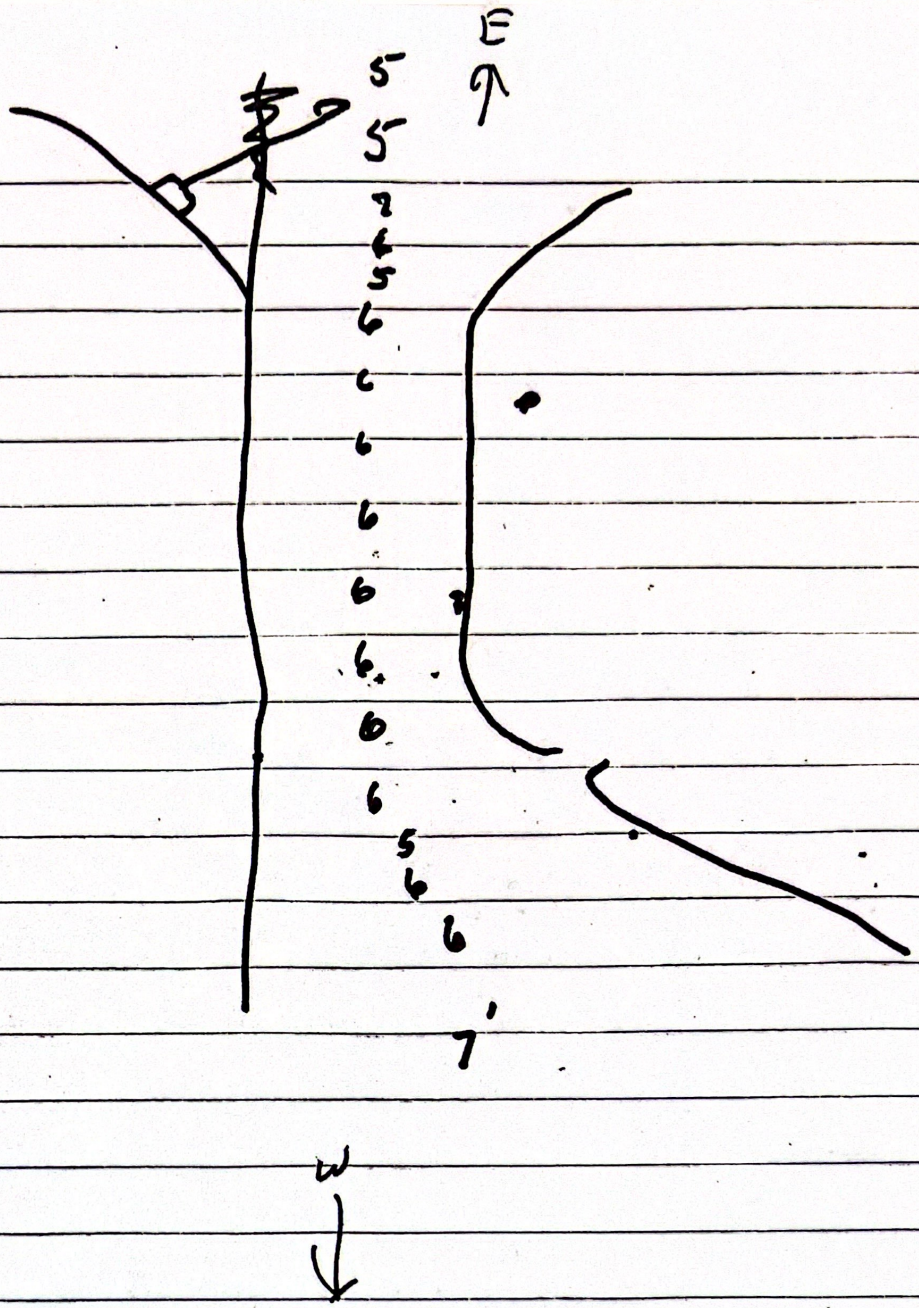
7/92 by Bob Nickel

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