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1938

**REPORT OF COARSE FISH
REMOVAL OPERATIONS**

1938

BY O. J. KOCH

Recapitulation of Coarse Fish Taken
During Coarse Fish Removal Opera-
tions, 1938

(This report does not include gill-
netting operations on West
Okechiji)

REPORT OF COARSE FISH REMOVAL OPERATIONS
Calendar Year 1938

Carp 398,875

Shillback 12,807

Submitted By

O. J. Koch, In Charge,
Coarse Fish Removal Operations

To

E. B. Speaker,
State Superintendent of Fisheries

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Recapitulation of Coarse Fish Taken
During Coarse Fish Removal Operations,
1938

(This report does not include gill-netting Operations on West Okoboji)

January		357.88	
February		431.88	
March	Buffalo	226,430	pounds
April		2,455.88	
May	Carp	390,675	"
June		47.88	
July	Quillback	12,807	"
August		1,522.88	
September	Sheepshead	10,491	"
October		640,403	"
November		233.13	
December	Given away	271,700	"

EXPENDITURES FOR DELICIOUS FISH CONTROL
1938

Exclusive of Gill-netting

Salary	\$12,187.88
Transportation	671.80
Hotel	1,206.32
Tools & Equipment	1,682.88
Fuel	40.50
Telephones & Lights	148.14
Supplies & Material	386.24
Gas Boats	120.00
Repair & Parts	361.87
Rental	99.78
Miscellaneous	1,222.76
	<u>\$19,227.91</u>

Salary of C. J. Koch, Supervisor	1,800.00
Travel of C. J. Koch, Supervisor	1,783.88

RECEIPTS FROM SALE OF OBNOXIOUS FISH
1938

Exclusive of Gill-netting

January	\$ 571.21
February	557.52
March	431.83
April	1,440.98
May	2,458.62
June	3,683.47
July	47.68
August	1,518.63
September	1,622.89
October	3,639.28
November	1,388.95
December	228.13
	<u>\$17,589.19</u>

EXPENDITURES FOR OBNOXIOUS FISH CONTROL
1938

Exclusive of Gill-netting

Salary	\$12,167.95
Transportation	571.80
Hotel	1,906.39
Tools & Equipment	1,682.36
Fuel	40.64
Telephone & Lights	145.14
Supplies & Material	988.54
Gas Books	120.00
Repairs & Parts	361.87
Rental	99.75
Miscellaneous	1,278.76
	<u>\$19,363.21</u>

Salary of O. J. Koch, Supervisor	1,800.00
Travel of O. J. Koch, Supervisor	1,753.66

EAST OKOBOJI LAKE
Dickinson County

Narrows

Seining operations were started on East Okoboji Lake at a point locally called the "Narrows," which is adjacent to the town of Spirit Lake, on April 14, 1938 and were continued until June 25, 1938.

Fish census reports were kept until May 22 when a new crew went to work on the area and instructions were not given them in time to take the game fish counts from this date until the finish of the operations. In talking to these men, however, they estimated that the average catch was comparable to the fish caught there during the month of May.

It was recommended by the Obnoxious Fish Removal Division that the Commission use traps and pound nets in this area in addition to a small amount of drag seine. The attached map shows the location of the nets in this area.

The first haul with the linear, or drag, seine was made at the Narrows on April 14 using 1,000 feet of 2 1/2-inch bar measure seine. The traps were left in the lake until June 1 and the pound nets were tried out experimentally from time to time during this period.

A net was placed at the Narrows, having three traps attached, on April 15. Five large pound nets were also set on this date.

All the pound nets used, as well as the leads, had a bar measure of three inches. The tail of the traps, or pound nets, were made of 1 1/2-inch bar measure netting.

All the pound nets and traps were raised at least once each

day and more often if necessary. Occasionally some of the pound nets were taken out of the lake for repair so that they were not all used continuously.

The linear or drag seine hauls varied considerably, from 400 feet to 1800 feet of linear seine being used. These nets varied from 8 to 20 feet deep and had a bar measure of 2 1/2-inches, with a 200-foot bag made up of 2-inch bar measure netting.

On May 2 the tails of the traps and pound nets were changed from 1 1/2-inch bar measure to 3-inch bar measure. This was necessary at that time to allow the bullheads and small game fish to migrate through the Narrows to the upper reaches of the lake.

The buffalo started to spawn on May 2 and were observed spawning until May 6. On this date there was a severe storm which washed the seines, traps, and pound nets to shore. The following day it was apparent the fish had stopped running.

No records were kept from the 6th to the 14th since it was very cold and stormy during this period; neither were records kept after May 21.

The traps were left in the lake until June 1 and the pound nets were tried out experimentally from time to time during this period. Seining operations were not continuous and hauls were only made when coarse fish were seen in the area.

We observed an extremely heavy run of sheepshead at the Narrows from May 27 to June 15. Thousands of pounds of sheepshead were returned to the waters; as a matter of fact, all of them were returned except 4,145 pounds which were sold.

There were some gar destroyed at other locations on East Okoboji but unfortunately no records were kept of the numbers. The fact that very few gar were taken in our operations on East Okoboji, particularly at the Narrows, gave definite evidence that our mesh size was too large for their removal. Most of the gar spawned close to shore in the weeds and willows, which had come up during the drought period and which, at the present time, are growing in shallow water. This made it practically impossible to catch them.

This condition was also true of the carp. It was difficult to remove large numbers of carp this season since they too spawned in the extremely shallow water close to shore in areas which were heavily covered with small trees and other vegetation.

The extremely cold weather from May 10 to May 14 caused the buffalo to come into the shallow water to spawn. If warm weather had continued throughout the early part of May many more buffalo could have been taken at the Narrows. In view of the fact that the shore waters were quite cold many buffalo were noticed spawning in the deeper waters. Most of them had apparently completed their spawning by the time warm weather had again set in.

No record was kept of the pole and line fishermen in this area. Early in the season there were quite a large number of bullhead fishermen on East Okoboji Lake; however, not many of the sportsmen fished immediately in the Narrows. There were large numbers of pole and line fishermen fishing for bullheads in that portion of East Okoboji Lake from the Spirit Lake bridge to the hatchery

and also on the other shores of East Okoboji. Later in the season there were quite a number of fishermen trolling for wall-eyed pike, silver bass, etc., in the deeper portion of the lake which lies south of the Narrows. In addition to the bullhead and pike fishermen there were, of course, quite a number of sportsmen fishing for pan fishes, particularly bluegills and crappies in the more desirable areas such as Twin Hills, Pecks Point, Charleston Beach, etc. Some night casting for wall-eyed pike and bass was done in the lower reaches of the lake.

The following game fishes were taken in the nets and seines and returned to the lake:

Catfish	14
Perch	148
S. Bass	43
N. Pike	22
Bullheads	20,880
L. M. Bass	52
Crappie	755
W. Pike	161
Bluegills	30
Sheepshead	96,600 lbs.

Fish killed during seining operations:

S. Bass	6
L. M. Bass	1
Crappie	6
W. Pike	2

The coarse fish taken during seining operations are included in the report covering the entire lake.

April 24, 1936

NARROWS

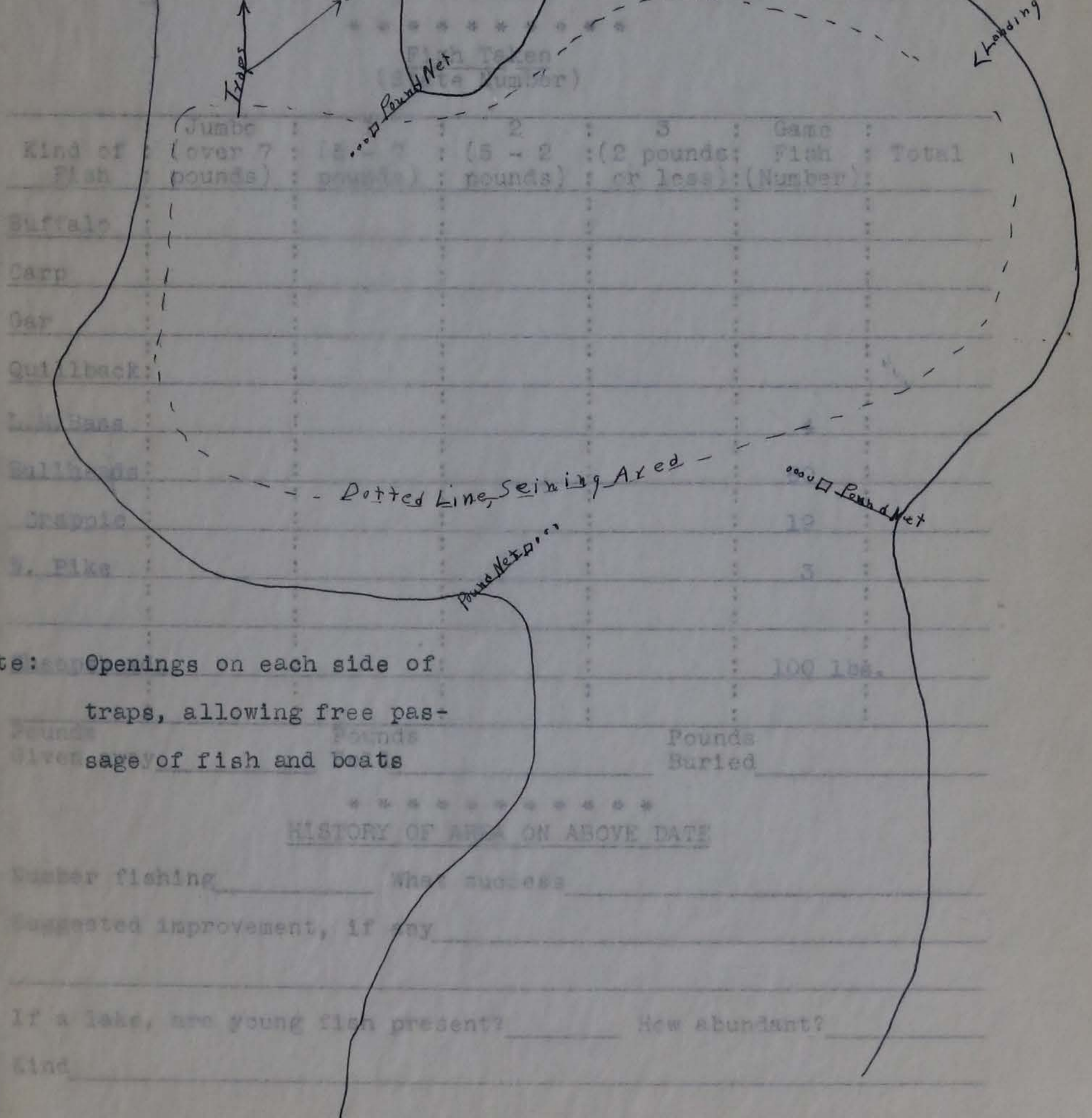
County Dickinson

Lake of stream East Okobwa

Q. J. Soch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of _____ ft. _____ Mesh Size 2 1/2"
 Location of _____
 Estimated _____
 Average depth _____
 Vegetation in Area: Abundant _____ None _____



Kind of Fish	Number	Weight (pounds)	Weight (pounds)	Weight (pounds)	Weight (pounds)	Game Fish	Total
Buffalo							
Carp							
Gar							
Quillback							
L. Bass							
Bullheads							
Crappie							
S. Pike							

Note: Openings on each side of traps, allowing free passage of fish and boats

Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____
 Suggested improvement, if any _____
 If a lake, are young fish present? _____ How abundant? _____

FISH CENSUS REPORT

F:38-24

Date April 14, 1938

Name of

County Dickinson

Lake or Stream East Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 1000 ft. Depth _____ Mesh Size 2 1/2"
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
L.M. Bass					4	
Bullheads					60	
Crappie					19	
W. Pike					3	
Sheepshead					100 lbs.	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date April 16, 1938

Name of

County Dickinson

Lake or Stream East Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 5 pound nets Depth _____ Mesh Size 3" lead, 1 1/2" tail
 Location of Haul _____ Narrows _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					1	
Perch					14	
Bullheads					120	
L. M. Bass					1	
Crappie					35	
W. Pike					1	
Sheepshead					40 lbs.	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date April 16, 1938

Name of _____

County Dickinson Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Traps in Seine _____ Depth _____ Mesh Size 3" lead, 1 1/2" tail
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					20	
N. Pike					1	
Bullheads					70	
L. M. Bass					2	
Crappie					60	
W. Pike					3	
Sheepshead					30 lbs.	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

9

Date April 17, 1938

Name of Lake or Stream East Okoboji

County Dickinson

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Traps _____ Depth _____ Mesh Size 3" lead, 1 1/2" tail
 Location of Haul Narrows _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					8	
Bullheads					100	
L. M. Bass					3	
Crappie					40	
W. Pike					2	
Sheepshead					20 lbs.	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

10

Date April 17, 1938

Name of

County Dickinson

Lake or Stream East Okoboji

O. J. Koch

Making Report

* * * * *

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 5 pound nets Depth _____ Mesh Size 3"lead, 1 1/2"tail
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

* * * * *

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					6	
N. Pike					1	
Bullheads					80	
L. M. Bass					1	
Crappie					30	
Sheepshead					35 lbs.	
Pounds Given away		Pounds Sold		Pounds Buried		

* * * * *

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date April 18, 1938

Name of Lake or Stream East Okoboji

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Traps _____ Depth _____ Mesh Size 3"lead, 1 1/2"tail
 Location of Haul Narrows _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					1	
Perch					8	
Bullheads					150	
Crappie					25	
W. Pike					1	
Sheepshead					75 lbs.	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

17

Date April 18, 1938

Name of
County Dickinson Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 5 pound nets Depth _____ Mesh Size 3" lead, 1 1/2" tail
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					16	
N. Pike					2	
Bullheads					200	
L. M. Bass					4	
Crappie					60	
W. Pike					5	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date April 20, 1938
 Name of
 County Dickinson Lake or Stream East Okoboji
O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 1800 ft. Depth _____ Mesh Size _____
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					1	
N. Pike					1	
Bullheads					150	
L. M. Bass					2	
Crappie					16	
W. Pike					4	
Sheepshead					300 lbs.	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

14

Date April 26, 1938

County Dickinson Name of Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Traps _____ Depth _____ Mesh Size 3"lead, 1 1/2"tail
 Location of haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					2	
Perch					6	
N. Pike					4	
Bullheads					800	
L. M. Bass					8	
Crappie					70	
W. Pike					6	
Sheepshead						1000 lbs.
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

15

Date April 26, 1938

Name of County Dickinson Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 5 pound nets Depth _____ Mesh Size 3"lead, 1 1/8"tail
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					10	
N. Pike					1	
Bullhead					500	
L. M. Bass					2	
Crappie					60	
W. Pike					8	
Sheepshead					800 lbs.	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

16

Date April 27, 1938

Name of

County Dickinson

Lake or Stream East Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 1500 ft. Depth _____ Mesh Size _____
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					2	
Bullhead					600	
Crappie					50	
W. Pike					6	
Sheepshead						1500 lbs.
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

17

Date April 27, 1938

Name of _____

County Dickinson Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Traps _____ Depth _____ Mesh Size 3"lead, 1 1/2"tail
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					1	
Perch					6	
N. Pike					2	
Bullheads					400	
L. M. Bass					1	
Crappie					30	
W. Pike					4	
Sheepshead					1600 lbs.	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

18

Date April 27, 1938

Name of

County Dickinson

Lake or Stream East Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web pound nets Depth _____ Mesh Size 3"lead, 1 1/2"tail
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					8	
Bullheads					300	
L. M. Bass					2	
Crappie					40	
W. Pike					7	
Sheepshead					800 lbs	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____
 Suggested improvement, if any _____
 If a lake, are young fish present? _____ How abundant? _____
 Kind _____

Date May 1, 1938

Name of

Lake or Stream East Okoboji

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 400 ft. Depth _____ Mesh Size _____
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					3	
N. Pike					1	
Bullheads					250	
Crappie					10	
W. Pike					2	
Sheepshead					4000 lbs.	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

20

Date May 1, 1938

County Dickinson Name of Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web _____ Traps _____ Depth _____ Mesh Size 3"lead, 1 1/2"tail
 Location of Haul _____ Narrows _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					6	
Bullheads					1000	
L. M. Bass					1	
Crappie					30	
W. Pike					11	
Sheepshead					1500 lb's.	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

21

Date May 1, 1938

County Dickinson Name of Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. 72 Water Temp. _____
 Length of Web 5 pound nets Depth _____ Mesh Size 3"lead, 1 1/2"tail
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					14	
N. Pike					2	
Bullheads					800	
L. M. Bass					3	
Crappie					25	
W. Pike					9	
Sheepshead					1000 lbs.	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

22

Date May 2, 1938

County Dickinson Name of Lake or Stream East Okoboji

Q. J. Koch Making Report

Weather _____ Air Temp. 5 Water Temp. _____
 Length of Web 1500 ft. Depth _____ Mesh Size _____
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					5	
Bullheads					300	
Crappie					10	
W. Pike					6	
Sheepshead					8000 lbs.	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

23

Date May 2, 1938

County Dickinson Name of Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Pound nets Depth _____ Mesh Size 3"lead, 3"tail
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					14	
Bullheads					6000	
Crappie					15	
W. Pike					5	
Sheepshead					1000 lbs.	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

24

Date May 2, 1938

County Dickinson Name of Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Traps _____ Depth _____ Mesh Size 3"lead, 1 1/2"tail
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					2	
Perch					12	
N. Pike					1	
Bullheads					9000	
L. M. Bass					1	
Crappie					20	
W. Pike					4	
Sheepshead					3000 lbs.	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

25

Date May 3, 1938

County Dickinson Name of Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web 1500 ft. Depth _____ Mesh Size _____
Location of Haul Narrows Number of Hauls _____
Estimated area seined (acres) _____
Average depth in area seined _____
Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					4	
S. Bass					2	
L. M. Bass					1	
Crappie					10	
W. Pike					4	
Sheepshead						7000 lbs.
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

26

Date May 3, 1938
 Name of County Dickinson
 Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Traps _____ Depth _____ Mesh Size 3"lead, 3"tail
 Location of Haul _____ Narrows _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
N. Pike					1	
Crappie					10	
Sheepshead						2000 lbs.
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

27

Date May 3, 1938

County Dickinson Name of Lake or Stream East Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 5 pound nets Depth _____ Mesh Size 3"lead, 3"tail
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					1	
S. Bass					1	
Crapple					8	
W. Pike					2	
Sheepshead						1000 lbs:
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

28

Date May 4, 1938
 Name of County Dickinson Lake or Stream East Okoboji
 Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 1500 ft. Depth _____ Mesh Size _____
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Crappie					4	
W. Pike					5	
Sheepshead						15,000 lbs.
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____
 Suggested improvement, if any _____
 If a lake, are young fish present? _____ How abundant? _____
 Kind _____

FISH CENSUS REPORT

F:38-24

29

Date May 4, 1938

Name of

County Dickinson

Lake or Stream East Okoboji

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Traps _____ Depth _____ Mesh Size 3"lead, 3"tail
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					1	
s. Bass					4	
L. M. Bass					2	
Creppie					6	
W. Pike					1	
Sheepshead						6000 lbs.
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

3⁰

Date May 4, 1938

Name of
County Dickinson Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 5 pound nets Depth _____ Mesh Size 3" lead, 3" tail
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
N. Pike					1	
L. M. Bass					1	
Crappie					4	
W. Pike					2	
Sheepshead						2000 lbs.
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

3

Date May 5, 1938

Name of
County Dickinson Lake or Stream East Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web 1500 ft. Depth _____ Mesh Size _____
Location of Haul Narrows Number of Hauls _____
Estimated area seined (acres) _____
Average depth in area seined _____
Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Crappie					7	
W. Pike					8	
Sheepshead						10,000 lbs.
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

37

Date May 5, 1938

Name of

County Dickinson

Lake or Stream East Okoboji

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web _____ Traps _____ Depth _____ Mesh Size 3"lead, 3"tail
 Location of Haul _____ Narrows _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					2	
S. Bass					7	
L. M. Bass					1	
Crappie					4	
Sheepshead						4000 lbs
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

33

Date May 5, 1938

Name of

County Dickinson

Lake or Stream East Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 5 pound nets Depth _____ Mesh Size 3"tail, 3"lead
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
S. Bass					4	
L. M. Bass					3	
Crappie					9	
W. Pike					4	
Sheepshead						1800 lbs.
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

34

Date May 15, 1938

Name of _____

County Dickinson Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 1500 ft. Depth _____ Mesh Size _____
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					4	
S. Bass					8	
N. Pike					2	
L. M. Bass					6	
Crappie					8	
W. Pike					10	
Sheepshead					900 lbs.	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

10

35

Date May 15, 1938

County Dickinson Name of Lake or Stream East Okoboji

O. J. Koch

Making Report

Weather Air Temp. Water Temp. Length of Web Traps Depth Mesh Size 3"lead, 3"tail Location of Haul Narrows Number of Hauls Estimated area seined (acres) Average depth in area seined Vegetation in Area: Abundant Scarce None

Fish Taken (State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, Catfish, S. Bass, L. M. Bass, Crappie, W. Pike, Sheepshead (600 lbs). Includes sub-sections for Pounds Given away, Sold, Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing What success

Suggested improvement, if any

If a lake, are young fish present? How abundant?

Kind

FISH CENSUS REPORT

F:38-24

36

Date May 15, 1938

Name of

County Dickinson

Lake or Stream East Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 3 pound nets Depth _____ Mesh Size 3"lead, 3"tail
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
N. Pike					1	
Crappie					6	
W. Pike					7	
Sheepshead						500 lbs.
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

37

Date May 16, 1938

Name of

County Dickinson

Lake or Stream East Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 1500 ft. Depth _____ Mesh Size _____
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
S. Bass					3	
Crappie					8	
W. Pike					9	
Sheepshead						12,000 lbs.
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

38

Date May 21, 1938

Name of
County Dickinson Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 1500 ft. Depth _____ Mesh Size _____
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
S. Bass					6	
L. M. Bass					1	
Crappie					16	
W. Pike					7	
Sheepshead						6000 lbs.
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____
 Suggested improvement, if any _____
 If a lake, are young fish present? _____ How abundant? _____
 Kind _____

FISH CENSUS REPORT

F:38-24

39

Date May 21, 1938

Name of _____

County Dickinson Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web _____ Traps _____ Depth _____ Mesh Size 3"lead, 3"tail
 Location of Haul Narrows Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					1	
S. Bass					4	
N. Pike					1	
Crappie					6	
W. Pike					4	
Sheepshead						3000 lbs.
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

41

Date June 2, 1938

County Dickinson Name of Lake or Stream East Okoboji

O. J. Koch Making Report

Weather Air Temp. Water Temp. Length of Webpound Net Depth Mesh Size Location of Haul Hinshaw Bridge Number of Hauls Estimated area seined (acres) Average depth in area seined Vegetation in Area: Abundant Scarce None

Fish Taken (State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, Crappie, Bluegill, B. Bass, Catfish, S. Bass, Pounds Given away, Pounds Sold, Pounds Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing What success

Suggested improvement, if any

If a lake, are young fish present? How abundant?

Kind

FISH CENSUS REPORT

F:38-24

42

Date June 3, 1938

Name of

County Dickinson

Lake or Stream East Okoboji

O1 Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Pound Net Depth _____ Mesh Size _____
 Location of Haul Hinshaw Bridge Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Bullheads					1	
Bluegill					3	
Crappie					35	
B. Bass					2	
Sheepshead					225	
Pike					1	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

44

Date June 5

Name of _____

County Dickinson Lake or Stream East Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web Pound Net _____ Depth _____ Mesh Size _____
Location of Haul Hinshaw Bridge _____ Number of Hauls _____
Estimated area seined (acres) _____
Average depth in area seined _____
Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, Crappie, B. Bass, Sheepshead.

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

Date April 19, 1933

Name of Lake or Stream East Okoboji

Dickinson

O. J. Koch

Making Report

East Okoboji Lake - Ellis Slough

The mouth of Ellis Slough was shut off occasionally with a pound net which was used to remove fish from this area. These coarse fish are included in the report covering the entire lake.

Practically no game fish were taken from the slough, except bullheads. The bullheads, etc., which were taken were returned to the waters of East Okoboji Lake and the gar were destroyed.

The following shows the game fish and gar taken:

Bluegill	3	
N. Pike	4	
Bullheads	2,505	
Gar	716	(destroyed)
Crappie	5	
B. Bass	6	
Pike	3	
Sheepshead	6	1
Perch	4	

Pounds Sold Pounds Buried

HISTORY OF AREA ON ABOVE DATE

fishing What success

suggested improvement, if any

If a lake, are young fish present? How abundant?

FISH CENSUS REPORT

F:38-24

46

Date April 19, 1938

County Dickinson Name of Lake or Stream East Okoboji

O. J. Koch Making Report

Weather Air Temp. Water Temp.
Length of Web Pound Net Depth Mesh Size
Location of Haul Ellis Slough Number of Hauls
Estimated area seined (acres)
Average depth in area seined
Vegetation in Area: Abundant Scarce None

Fish Taken (State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, Bluegill, N. Pike, Bullheads, Gar, and summary rows for Pounds Given away, Sold, and Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing What success

Suggested improvement, if any

If a lake, are young fish present? How abundant?

Kind

FISH CENSUS REPORT

F:38-24

49

Date May 19, 1938

Name of

Lake or Stream East Okoboji

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Pound Net Depth _____ Mesh Size _____
 Location of Haul Ellis Slough Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Bluegill					2	
Bullheads					400	
Gar					73	
Crappie					1	
B. Bass					1	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

51

Date May 21, 1938

Name of Lake or Stream East Okoboji

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Pound net Depth _____ Mesh Size _____
 Location of Haul Ellis Slough Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Bullheads					225	
Gar					42	
Crappie					2	
B. Bass					1	
Pike					1	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date June 1

Name of

Lake or Stream East Okoboji

County Dickinson

O. J. Koch

Making Report

Weather Air Temp. Water Temp.
Length of Web Pound net Depth Mesh Size
Location of Haul Ellis Slough Number of Hauls
Estimated area seined (acres)
Average depth in area seined
Vegetation in Area: Abundant Scarce None

Fish Taken (State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, Bullheads, and Gar.

HISTORY OF AREA ON ABOVE DATE

Number fishing What success
Suggested improvement, if any
If a lake, are young fish present? How abundant?
Kind

FISH CENSUS REPORT

F:38-24

Date June 2, 1938

Name of Lake or Stream East Okoboji

County Dickinson

O. J. Koch Making Report

Weather Air Temp. Water Temp.
Length of Web Pound net Depth Mesh Size
Location of Haul Ellis Slough Number of Hauls
Estimated area seined (acres)
Average depth in area seined
Vegetation in Area: Abundant Scarce None

Fish Taken (State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, Bullheads, and Gar with counts.

HISTORY OF AREA ON ABOVE DATE

Number fishing What success

Suggested improvement, if any

If a lake, are young fish present? How abundant?

Kind

FISH CENSUS REPORT

F:38-24

Date June 24, 1938

Name of

Lake or Stream

East Okoboji

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web Pound net Depth _____ Mesh Size _____
Location of Haul Ellis Slough Number of Hauls _____
Estimated area seined (acres) _____
Average depth in area seined _____
Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, Bullheads, and Gar.

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date July 1, 1938

Name of

County Dickinson

Lake or Stream

East Okoboji

O. J. Koch

Making Report

Weather Air Temp. Water Temp.
Length of Web Pound net Depth Mesh Size
Location of Haul Ellis slough Number of Hauls
Estimated area seined (acres)
Average depth in area seined
Vegetation in Area: Abundant Scarce None

Fish Taken
(State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, and summary rows for Pounds Given away, Sold, Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing What success
Suggested improvement, if any
If a lake, are young fish present? How abundant?
Kind

FISH CENSUS REPORT

F:38-24

Date July 3

Name of

County Dickinson

Lake or Stream East Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web Pound net _____ Depth _____ Mesh Size _____
Location of Haul Ellis Slough _____ Number of Hauls _____
Estimated area seined (acres) _____
Average depth in area seined _____
Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish, Total. Rows include Buffalo, Carp, Gar, Quillback, and summary rows for Pounds Given away, Sold, Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

63

Date July 4, 1938

County Dickinson Name of Lake or Stream East Okoboji

Making Report

Weather Air Temp. Water Temp. Length of Web Pound net Depth Mesh Size Location of Haul Ellis Slough Number of Hauls Estimated area seined (acres) Average depth in area seined Vegetation in Area: Abundant Scarce None

Fish Taken (State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback.

Pounds Given away Pounds Sold Pounds Buried

HISTORY OF AREA ON ABOVE DATE

Number fishing What success

Suggested improvement, if any

If a lake, are young fish present? How abundant?

Kind

FISH CENSUS REPORT

F:38-24

Date July 5, 1938

Name of

County Dickinson

Lake or Stream East Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web Pound net Depth _____ Mesh Size _____
Location of Haul Ellis Slough Number of Hauls _____
Estimated area seined (acres) _____
Average depth in area seined _____
Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Includes rows for Buffalo, Carp, Gar, Quillback, and Gar (with value 7).

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

Coarse Fish Removed from East Okoboji
Lake, Dickinson County, During Seining
Operations, 1938

Buffalo	80,989 lbs.
Carp	11,161 "
Sheepshead ⁴	4,145 "
	<hr/> 96,295 "
Given away	17,565 lbs.

Recapitulation of Game Fish and Gar
Taken During All Seining Operations
In East Okoboji Lake, 1938, Game Fish
being Returned to the Lake and Gar
Destroyed

→ Catfish	17
→ Perch	152
→ S. Bass	44
→ N. Pike	26
→ Bullheads	23,386
→ L. M. Bass	52
→ Crappie	1,081
→ W. Pike	165
→ Bluegill	36
Sheepshead	1,006
	96,600 lbs.
→ S. M. Bass	15
Gar	716 (destroyed)

West Okoboji WEST OKOBOJI LAKE Slough
Dickinson County

A pound net was used on Rebels Slough on West Okoboji on

May 26, 27, 28, 30, and North End of Lake

A pound net was set experimentally in the upper reaches of the north end of West Okoboji Lake. This was set for the express purpose of determining its value in catching carp. No game fish were taken in the net.

282 (destroyed)

226

The net was set on May 2, 14, and 15 and on July 4. One hundred and four buffalo and 770 carp were taken.

The coarse fish taken will be included in the complete report covering the entire lake.

Date May 26, 27, 28, 30, and 31.

Name of

Lake or Stream West Okoboji

County Dickinson

O. J. Koch

Marine Report

West Okoboji Lake - Rabels Slough

Weather A pound net was used on Rabels Slough on West Okoboji on
Length of Web Found net Depth Mesh Size
May 26, 27, 28, 30, and 31. Number of Hauls Estimated area fished (acres)
Average depth Vegetation in Area: Abundant Scarce None

The following table shows the number of game fish and gar taken in the net; the game fish being returned to the lake and the gar destroyed:

		Fish Taken			
		(State Number)			
	Gar		282	(destroyed)	
Kind of	Weight	Number	Weight	Number	Total
: Jumbo	: (over 7	: (6	: Bluegill	: 12	: Fish
: Fish	: pounds)	: pounds	: B. Bass	: 3	: (Number)
			: Sheephead	: 1	

The coarse fish taken will be included in the complete report covering the entire lake.

Kind	Number	Weight
Gar		43
Bullheads		125

Pounds Given away	Pounds Sold	Pounds Buried

HISTORY OF AREA ON ABOVE DATE

Number fishing What success

Suggested improvement, if any

If a lake, are young fish present? How abundant?

Kind

FISH CENSUS REPORT

F:38-24

Date May 28, 1938

Name of
County Dickinson Lake or Stream West Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Pound net Depth _____ Mesh Size _____
 Location of Haul _____ Rabels Slough _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Gar					69	
Bullheads					25	
Crappie					4	
B. Bass					1	
Sheepshead					1	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____
 Suggested improvement, if any _____

 If a lake, are young fish present? _____ How abundant? _____
 Kind _____

Date May 29, 1933

Name of Lake or Stream West Okoboji

Dickinson

O. J. Koch

Making Report

West Okoboji Lake - Hayward's Bay

Seining operations were carried on in Hayward's Bay May 29, 30, June 4, 5, 6, 7, 8, and July 2 and 3.

The following game fish and gar were taken during these operations, the game fish being returned to the lake and the gar destroyed:

Fish Taken		(State Number)		
Gar		202		
Bullheads		29		

The coarse fish taken will be included in the complete report covering the entire lake.

Back				
			12	
Bullheads			4	

Pounds Sold _____ Pounds Buried _____
 Pounds away _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

FISH CENSUS REPORT

F:38-24

Date June 5, 1938

Name of

Lake or Stream West Okoboji

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web _____ Depth _____ Mesh Size _____
Location of Haul Haywards Bay _____ Number of Hauls _____
Estimated area seined (acres) _____
Average depth in area seined _____
Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Includes rows for Buffalo, Carp, Gar, Quillback, and Gar (with value 71). Summary rows for Pounds Given away, Sold, and Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

90

Date June 7, 1938

Name of

Lake or Stream West Okoboji

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web _____ Depth _____ Mesh Size _____
Location of Haul Haywards Bay _____ Number of Hauls _____
Estimated area seined (acres) _____
Average depth in area seined _____
Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, and Gar (with 61 in the Game Fish column).

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date July 2, 1938

Name of

Lake or Stream West Okoboji

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web _____ Depth _____ Mesh Size _____
Location of Haul Haywards Bay _____ Number of Hauls _____
Estimated area seined (acres) _____
Average depth in area seined _____
Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Table with columns: Kind of Fish, Jumbe (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback.

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date July 3, 1938

Name of Lake or Stream West Okoboji

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web _____ Depth _____ Mesh Size _____
Location of Haul Haywards Bay _____ Number of Hauls _____
Estimated area seined (acres) _____
Average depth in area seined _____
Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, and Pounds Given away/Sold/Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

Date April 30, 1933

Name of Lake or Stream West Okoboji

County Dickinson

O. J. Koch

Making Report

West Okoboji Lake - Miller's Bay Canal

Weather _____ Air Temp. _____ Water Temp. _____
Length of Pound nets were used intermittently in Millers Bay Canal on
Location of Haul Miller's Bay Canal Number of Hauls _____

Time West Okoboji Lake from April 30 to May 30 and the following game
Average depth in area seined _____

Vegetation in area _____
fish and gar were taken; the game fish were returned to the lake

and the gar were destroyed: * * * * *

Fish Taken

Kind of Fish	Number	Game Fish	Total
Crappie	53		
B. Bass	17		
N. Pike	31		
Bullheads	2		668
Gar		68 (destroyed)	
Bluegill	44		
Sheepshead	9		

Remarks: The coarse fish taken will be included in the complete re-
port covering the entire lake.

Quillback: _____

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

* * * * *
HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date April 30, 1938

Name of

County Dickinson

Lake or Stream West Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web Pound nets _____ Depth _____ Mesh Size _____
Location of Haul Millers Bay Canal _____ Number of Hauls _____
Estimated area seined (acres) _____
Average depth in area seined _____
Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, and Pounds Given away/Sold/Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 5, 1938

County Dickinson Name of Lake or Stream West Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Pound nets Depth _____ Mesh Size _____
 Location of Haul Millers Bay Canah Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Crappie					2	
B. Bass					2	
N. Pike					1	
Bullheads					125	

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

92

Date May 18, 1938

Name of

County Dickinson

Lake or Stream West Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Pound nets Depth _____ Mesh Size _____
 Location of Haul Millers Bay Canal Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Crappie					4	
B. Bass					2	
Bullheads					12	
Gar					3	
Bluegill					4	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

94

Date May 24, 1938

County Dickinson Name of Lake or Stream West Okoboji

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Pound nets Depth _____ Mesh Size _____
 Location of Haul Millers Bay Canal Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Crappie					2	
B. Bass					3	
Bullheads					90	
Gar					4	

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

95

Date May 25, 1938

Name of

County Dickinson

Lake or Stream West Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Pound nets Depth _____ Mesh Size _____
 Location of Haul Millers Bay Canal Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Crappie					4	
B. Bass					1	
Bullheads					45	
Gar					14	
Bluegill					12	
Sheepshead					2	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

96

Date May 26, 1938

Name of

County Dickinson

Lake or Stream West Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Pound nets Depth _____ Mesh Size _____
 Location of Haul Millers Bay Canal Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Crappie					2	
B. Bass					1	
Bullheads					14	
Gar					11	
Sheepshead					1	

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

97

Date May 27, 1938

County Dickinson Name of Lake or Stream West Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Pound nets Depth _____ Mesh Size _____
 Location of Haul Millers Bay Canal Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Crappie					9	
B. Bass					2	
Bullheads					125	
Gar					8	
Bluegill					8	
Sheepshead					4	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

99

Date May 29, 1938

Name of

County Dickinson

Lake or Stream West Okoboji

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Poundnets Depth _____ Mesh Size _____
 Location of Haul MillersBay Canal Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbe (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Crappie					4	
B. Bass					2	
Bullheads					8	
Gar					2	
Bluegill					2	
Sheepshead					1	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

100

Date May 30, 1938

Name of

County Dickinson

Lake or Stream West Okoboji

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web Pound nets Depth _____ Mesh Size _____
 Location of Haul Millers Bay Canal Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Crappie					8	
B. Bass					2	
Bullheads					35	
Gar					9	
Bluegill					4	
Sheepshead					1	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

101

Coarse Fish Taken During Seining Operations on West Okoboji Lake, Dickinson County, 1938

Carp	17,350 lbs.
Given away (mostly carp)	29,310 lbs.

Recapitulation of Game Fish and Gar Taken During Entire Seining Operations on West Okoboji Lake; Game Fish Being Returned to the Lake and the Gar Destroyed.

Bullheads	923
Bluegill	56
B. Bass	20
Sheepshead	10
Crappie	53
N. Pike	1
Gar	552 (destroyed)

given in pounds. In other words, 2,763 sheepshead weighed 2,566

MINNEWASHTA LAKE
Dickinson County

pounds. The balance of the fish in the seines were re-
turned to the water.

Seining operations were started in Minnewashta Lake at Arnolds
Park in Dickinson County on March 28, 1938 and continued intermit-
tently until June 30, 1938.

Six hundred feet of linear seine, 18 feet deep, with 2-inch
bar measure, was used on all the hauls.

Seining operations were confined to the area immediately
north of the grate between Lower Gar and Minnewashta lakes.

From my observations not as many fish worked into this area
in 1938 as there had been in the previous season. In my opinion
this was due to the raise in the water level of the lakes region
which caused an appreciable current to flow from Minnewashta into
Lower Gar Lake, from the area known as Spring Run and other drain-
age areas, created a current from Lower Gar Lake into Minnewashta
Lake which attracted many more fish than during the 1938 season.
However, this year the current was reversed and the water was flow-
ing the other way; that is, from Minnewashta Lake into Lower Gar
Lake, which apparently was not as attractive to the fish.

Although some sheepshead were sold in the seining operations
in Minnewashta Lake most of them were returned to the water. We
took out occasional poundages which stayed in the immediate vicin-
ity of the seining operations and which were weakened by continual
removing from our seines. You will notice a discrepancy of 197
in the sheepshead. This is because of the fact in this report the
fish are given in numbers while on the sales remittances they are

Dickinson

Name of Lake or Stream _____
Date _____

given in pounds. In other words, 2,763 sheephead weighed 2,566 pounds. The balance of sheephead taken in the seines were returned to the water.

The following report gives the actual number of coarse fish removed and also the game fish which were taken during the seining operations. It is understood, of course, the game fish were returned to Minnewashta Lake.

No mention is made of the history of the above area for pole and line fishing since most of the seining operations were carried on early in the season and fishing in Minnewashta Lake was largely confined to bullheads. There were large numbers of people fishing bullheads, particularly in the vicinity of the dam and later in the season quite a number of crappie fishermen were observed daily, particularly along the rocky shores adjacent to Highway #71. This is an excellent spawning area for the black crappie.

The maximum depth of the area seined is approximately 12 to 15 feet; however, the average haul would run from six to ten feet.

Pounds Sold _____
Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Water fishing _____ What species _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

FISH CENSUS REPORT

F:38-24

105

Date March 28, 1938

Name of

County Dickinson

Lake or Stream Minnewashta

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of Grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6 - 10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		200				
Carp		2,600				
Gar						
Quillback						
Crappie					4	
N. Pike					8	
Bullheads					50	
Suckers					12	
Perch					1	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date March 29, 1938

Name of

County Dickinson

Lake or Stream Minnewashta

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of Grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		200				
Carp		3,300				
Gar						
Quillback						
Crappie					7	
N. Pike					8	
Bullheads					20	
Perch					2	
Pike					1	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date March 30, 1938

Name of

Lake or Stream Minnewashta

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of Grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		100		100		
Carp			500	1,500		
Gar						
Quillback						
Crappie					12	
N. Pike					14	
Bullheads					20	
Suckers					4	
Perch					3	
Pike					1	
Sheepshead					3	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date April 11, 1938

Name of

Lake or Stream Minnewashta

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of Grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		200				
Carp			300	200		
Gar						
Quillback						
Crappie					3	
N. Pike					4	
Bullheads					8	
Suckers					11	
Pike					1	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date April 12, 1938

Name of

County Dickinson

Lake or Stream Minnewashta

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of Grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		300				
Carp		1,200	800			
Gar						
Quillback						
Crappie					6	
N. Pike					10	
Bullheads					25	
Pike					1	
Gar					1	
Sheepshead					6	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

110

Date April 13, 1938

Name of

Lake or Stream Minnewashta

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		50	25			
Carp		1,300	300			
Gar						
Quillback						
Crappie					6	
Bullheads					100	
N. Pike					2	
Suckers					4	
Perch					1	
Sheepshead					8	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date April 14, 1938

Name of

Lake or Stream Minnewashta

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		50				
Carp		1,300		1,000		
Gar						
Quillback						
N. Pike					2	
Bullheads					15	
Pike					1	
Sheepshead					8	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date April 15, 1938

Name of _____

County Dickinson Lake or Stream Minnewashta

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____

Length of Web 600 ft. Depth 18 ft. Mesh Size 2"

Location of Haul North of grate Number of Hauls _____

Estimated area seined (acres) 3 acres

Average depth in area seined 6-10 ft.

Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	: Jumbo (over 7 pounds)	: 1 (5 - 7 pounds)	: 2 (5 - 2 pounds)	: 3 (2 pounds or less)	: Game Fish (Number)	: Total
Buffalo		200		150		
Carp		3,500		7,100		
Gar						
Quillback						
Crappie					8	
N. Pike					1	
Pike					1	
Sheepshead					40	
B. Bass					1	

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date April 16, 1938

Name of

County Dickinson

Lake or Stream

Minnewashta

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		250		40		
Carp		1,500		1,500		
Gar						
Quillback						
Crappie					3	
N. Pike					1	
Bullheads					75	
Sheepshead					35	
B. Bass					1	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

117

Date April 18, 1938

Name of
Lake or Stream Minnewashta

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		300		150		
Carp		1,400	1,837	1,600		
Gar						
Quillback						
Crappie					8	
Bullheads					350	
Pike					1	
Sheepshead					24	
B. Bass					1	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date April 19, 1938

County Dickinson Name of Lake or Stream Minnewashta

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo			168	250		
Carp			300	1,400		
Gar						
Quillback						
Crappie					11	
N. Pike					1	
Bullheads					400	
Pike					1	
Gar					3	
Sheepshead					25	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date April 25, 1938
 Name of Lake or Stream Minnewashta
 County Dickinson
O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		77		58		
Carp			175	50		
Gar						
Quillback						
Crappie					8	
Bullheads					54	
Pike					1	
Sheepshead					18	
B. Bass					1	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date April 26, 1938
 Name of Lake or Stream Minnewashta
 County Dickinson
 O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		132		110		
Carp			117	24		
Gar						
Quillback						
Crappie					6	
N. Pike					1	
Bullheads					45	
Pike					1	
Sheepshead					8	
B. Bass					2	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

Date April 27, 1938
Name of County Dickinson Lake or Stream Minnewashta

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
Location of Haul North of grate Number of Hauls _____
Estimated area seined (acres) 3 acres
Average depth in area seined 6010 ft.
Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		143		145		
Carp			914	388		
Gar						
Willback						
Crappie					8	
Bullheads					25	
Pike					1	
Sheepshead					18	
B. Bass					2	
Pounds given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

Date April 29, 1938

County Dickinson Name of Lake or Stream Minnewashta

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		61		12		
Carp				1,039		
Gar						
Quillback						
Crappie					10	
N. Pike					2	
Bullheads					20	
Pike					2	
Sheepshead					8	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

120

Date April 30, 1938

County Dickinson Name of Lake or Stream Minnewashta

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		150				
Carp						
Star						
Quillback						
Crappie					4	
N. Pike					1	
Bullheads					38	
Pike					1	
Sheepshead					125	
Pounds given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Summer fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

122

Date May 2, 1938
 Name of Lake or Stream Minnewashta
 County Dickinson
O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		1,000		400		
Carp		2,400				
Gar						
Willback						
Crappie					4	
Bullheads					18	
Pike					2	
Gar					1	
Sheepshead					150	
3. Bass					1	
Pounds given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____
 Suggested improvement, if any _____
 If a lake, are young fish present? _____ How abundant? _____
 Kind _____

FISH CENSUS REPORT

F:38-24

123

Date May 4, 1938
 Name of Lake or Stream Minnewashta
 County Dickinson
O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		750				
Carp		4,750				
Gar						
Quillback						
Crappie					18	
Bullheads					20	
Pike					3	
Bluegill					1	
Gar					21	
Sheepshead					175	
B. Bass					1	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 6, 1938

County Dickinson Name of Lake or Stream Minnewashta

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		200				
Carp		439		1,000		
Crab						
Quillback						
Crappie					14	
Bullheads					12	
Pike					5	
Sheepshead					4	
3. Bass					1	
Pounds given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Wind _____

FISH CENSUS REPORT

F:38-24

130

Date May 18, 1938

County Dickinson Name of Lake or Stream Minnewashta

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo			500	210		
Carp			3500	472		
Crappie					8	
Bullheads					8	
Pike					1	
Sheepshead					17	
B. Bass					3	
Pounds given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 19, 1938
 Name of County Dickinson
 Lake or Stream Minnewashta
O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
 (State Number)

Kind of Fish	: Jumbo (over 7 pounds)	: 1 (5 - 7 pounds)	: 2 (5 - 2 pounds)	: 3 (2 pounds or less)	: Game Fish (Number)	: Total
Buffalo				100		
Carp				1,500		
Gar						
Quillback						
Crappie					11	
Bullheads					8	
Pike					1	
Gar					4	
Sheepshead					4	
B. Bass					1	
Pounds given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Lumber fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 21, 1938

Name of

Lake or Stream Minnewashta

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo			300	380		
Crp				1,125		
ur						
Billback						
Crappie					21	
W. Pike					1	
Sullheads					2	
Pike					4	
Sheepshead					250	
B. Bass					1	
Pounds given away		Pounds Sold		Pounds Buried		

 HISTORY OF AREA ON ABOVE DATE

Summer fishing _____ What success _____

Suggested improvement, if any _____

Is a lake, are young fish present? _____ How abundant? _____

and _____

FISH CENSUS REPORT

F:38-24

1329

Date May 24, 1938

County Dickinson Name of Lake or Stream Minnewashta

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo				125		
Carp		325		750		
Gar						
Quillback						
Crappie					18	
N. Pike					1	
Bullheads					4	
Pike					6	
Gar					3	
Sheepshead					75	
B. Bass					1	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

133

Date May 27, 1938

County Dickinson Name of Lake or Stream Minnewashta

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		469		750		
Perch		902		1,648		
Gar						
Quillback						
Crappie					8	
Bullheads					12	
Pike					3	
Gar					4	
Sheepshead					550	
B. Bass					1	
Pounds given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Summer fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

137

Date May 28, 1938

County Dickinson Name of Lake or Stream Minnewashta

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		104		900		
Carp		370		1,487		
Gar						
Quillback						
Crappie					12	
Bullheads					25	
Pike					3	
Gar					4	
Sheepshead					465	
B. Bass					1	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 30, 1938

County Dickinson Name of Lake or Stream Minnewashta

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of Grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 acres
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		227		100		
Carp		650		2,070		
Gar						
Quillback						
Crappie					11	
Bullheads					20	
Pike					3	
Gar					3	
Sheepshead					210	
B. Bass					2	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 31, 1938
 Name of Lake or Stream Minnewashta
 County Dickinson

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ~~xxxxx~~ ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		175		1,229		
Carp				490		
Gar						
Willback						
Crappie					6	
Bullheads					12	
Sheepshead					18	
B. Bass					1	

Pounds given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

137

Date June 2, 1938

Name of

Lake or Stream Minnewashta

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo				50		
Carp		100		1,600		
Gar						
Wullback						
Crappie					8	
Bullheads					12	
Pike					3	
Sheepshead					100	
B. Bass					1	
Pounds given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

138

Date June 3, 1938

County Dickinson Name of Lake or Stream Minnewashta

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo				1,260		
Carp			1,380			
Gar						
Quillback						
Crappie					6	
Bullheads					11	
Bluegills					1	
Gar					2	
B. Bass					1	

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

137

Date June 6, 1938
 Name of Lake or Stream Minnewashta
 County Dickinson
O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo				775		
Carp		950		3,400		
Gar						
Quillback						
Crappie					8	
Bullheads					18	
Sheepshead					22	
B. Bass					1	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date June 13, 1938

County Dickinson Name of Lake or Stream Minnewashta

O. J Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo				225		
Carp		2,100		3,500		
Gar						
Quillback						
Crappie					3	
Bullheads					60 61	
Sheepshead					14	
B. Bass					1	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date June 15, 1938

Name of Lake or Stream Minnewashta

County Dickinson

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo				150		
Carp		300		1,300		
Gar						
Quillback						
Crappie					8	
Bullheads					28	
Pike					1	
Sheepshead					8	
B. Bass					1	

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date June 17, 1938
 Name of Lake or Stream Minnewashta
 County Dickinson
 O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo				25		
Carp		100		690		
Gar						
Quillback						
Bullheads					8	
Pike					1	
Gar					1	
B. Bass					3	

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date June 18, 1938

Name of Lake or Stream Minnewashta

County Dickinson

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo				50		
Carp		690		2,375		
Gar						
Quillback						
Crappie					1	
Bullheads					6	
Sheepshead					30	
B. Bass					4	

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date June 19, 1938

Name of Lake or Stream Minnewashta

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo				150		
Carp		332		1,260		
Gar						
Quillback						
Bullheads					4	
Pike					1	
B. Bass					1	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date June 23, 1938
 Name of Lake or Stream Minnewashta
 County Dickinson
 O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo				150		
Carp		380		1,438		
Crab						
Quillback						
Bullheads					1	
Pike					1	
Bluegills					3	
Sheepshead					12	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date June 24, 1938

Name of

Lake or Stream Minnewashta

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
Location of Haul North of grate Number of Hauls _____
Estimated area seined (acres) 3 acres
Average depth in area seined 6-10 ft.
Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken (State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo (340), Carp, Catfish, Quillback, Bullheads (4), Pike (1), Sheephead (12), B. Bass (2). Summary rows for Pounds Given away, Sold, Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date June 29, 1938

County Dickinson Name of Lake or Stream Minnewashta

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
Location of Haul North of grate Number of Hauls _____
Estimated area seined (acres) 3 acres
Average depth in area seined 6-10 ft.
Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken (State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), (5-7 pounds), (5-2 pounds), (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, and Quillback.

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date June 30, 1938

County Dickinson Name of Lake or Stream Minnewashta

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft. Depth 18 ft. Mesh Size 2"
 Location of Haul North of grate Number of Hauls _____
 Estimated area seined (acres) 3 acres
 Average depth in area seined 6-10 ft.
 Vegetation in Area: Abundant _____ Scarce x None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo				1,100		
Carp		1,260	1,400			
Crappie					3	
Bullheads					25	
Pike					2	
Sheepshead					225	
B. Bass					1	

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

Recapitulation of Coarse Fish Taken
 from Minnewashta Lake, Dickinson
 County, During Seining Operation, 1938

Buffalo	20,190 lbs.
Carp	108,125 "
Sheepshead	2,566 "
	<hr/>
	130,881 "

Carp given away, etc. 8,040 "

Recapitulation of Game Fish and Gar
 Taken from Minnewashta Lake During
 Above Seining Operations; Game Fish
 Being Returned to the Lake and Gar
 Destroyed

Crappie	292
N. Pike	28
Bullheads	1,582
Suckers	31
Perch	7
Pike	64
Bluegills	5
Gar	47 (destroyed)
Sheepshead	2,763 (sold)
Sheepshead	10,000 lbs. (returned to lake)
L. M. Bass	41

158

LOWER GAR LAKE
Dickinson County

The following fish were taken from Lower Gar Lake during rescue operations at the time this lake was seined for game fish. The game fish were stocked in West Okoboji Lake and the coarse fish sold.

Carp	4,045 lbs.
Given away	1,605 lbs.

160

SPIRIT LAKE
Dickinson County

The water raised... the entire sum-
Seining operations on Spirit Lake were confined to the prin-
cipal inlet of the lake which is located at the extreme north end,
Anglers Bay, Sand Bar Bridge, Jackson Point, and some pound nets
were used in the area from Bakers Point to Thompson Boat Livery.
The work on Spirit Lake could essentially be termed "spot
seining." In other words, hauls were only made in these areas
when we observed large numbers of fish congregated.

Individual records of the game fish taken were kept on each
of these areas for the fish census report. The record of the com-
mercial species, however, will be found in the recapitulation for
Spirit Lake at the end of this section.

Concerning the pole and line fishing in Spirit Lake, it may
be said there were large numbers of people fishing for bullheads
throughout the early season and from May 15 through the continua-
tion of the open season fishing was confined primarily to wall-
eyed pike, silver bass, yellow perch, and bullheads. There were,
of course, anglers who occasionally fished expressly for northern
pike and large-mouth bass although by far the greater majority of
fishermen angled for the above named species of fish. The season
generally was considered average.

Large numbers of yellow perch were taken late in the season
and some fishing was done through the ice before the season closed.

We experienced a very unusual buffalo season on Spirit Lake.
Most of the buffalo seemed to spawn in deeper water, in view of
the fact that the shore waters were comparatively cold.

Spirit Lake - Inlet

The water raised in Spirit Lake throughout the entire summer and made both carp and buffalo seining operations virtually impossible except in a few small areas. The water raised sufficiently to get back into the dense rushes and willows which had grown up during the drought season. Landing with linear seines was almost impossible in most of the areas.

During the entire operation two wall-eyed pike, eleven very small large-mouth bass, and 100 sheepshead were killed.

An accurate count of the gar taken in this area will be found in the tabulation.

From July 1 to July 15 no records were kept of the game fish. There were only one or two made during this time and very few game fish were taken in the net.

The following game fish were taken during the seining operations and returned to the lake; the gar were destroyed:

Perch	25
Crappie	18
N. Pike	49
S. Bass	567
Sheepshead	2,833
Bullheads	24,000
Gar	1,348 (destroyed)
Catfish	4

Coarse fish taken are included in the complete report covering the entire lake.

May 10, 1938

Dickinson

Spirit Lake

O. J. [Name] Spirit Lake - Inlet

Making Report

One hundred and fifty feet of linear or drag seine was used at the Inlet at the north end of Spirit Lake. The net had a bar measure of 1 1/2-inches.

Operations started on May 1 and continued intermittently until July 15.

All the sheephead were returned to the waters except those injured in the seining operations. During the entire operation two wall-eyed pike, eleven very small large-mouth bass, and 100 sheephead were killed.

An accurate count of the gar taken in this area will be found in the tabulation.

From July 1 to July 15 no records were kept of the game fish.

There were only one or two hauls made during this time and very few game fish were taken in the net.

The following game fish were taken during the seining operations and returned to the lake; the gar were destroyed:

Perch	26
Crappie	18
W. Pike	49
S. Bass	567
Sheepshead	2,855 Pounds
Bullheads	24,000 Buried
Gar	1,348 (destroyed)
Catfish	4

HISTORY OF AREA ON ABOVE DATE

Coarse fish taken are included in the complete report covering the entire lake.

What success suggested improvement, if any

If a lake, are young fish present? How abundant?

FISH CENSUS REPORT

F:38-24

Date May 10, 1938
 Name of Lake or Stream Spirit Lake
 County Dickinson

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 150 ft. Depth _____ Mesh Size 1 1/2"
 Location of Haul Inlet Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
W. Pike					2	
S. Bass					4	
Sheepshead					50	
Bullhead					500	
Gar					30	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 11, 1938

County Dickinson Name of Lake or Stream Spirit Lake

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 150 ft. Depth _____ Mesh Size 1 1/2"
 Location of Haul Inlet Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					4	
Crappie					1	
W. Pike					7	
S. Bass					11	
Sheepshead					75	
Bullheads					1000	
Gar					17	
Catfish					1	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 12, 1938

County Dickinson Name of Lake or Stream Spirit Lake

O. J. Koch Making Report

Leather _____ Air Temp. _____ Water Temp. _____
 Length of Web 150 ft. Depth _____ Mesh Size 1 1/2"
 Location of Haul Inlet Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
W. Pike					4	
S. Bass					22	
Sheepshead					150	
Bullheads					11,000	
Gar					75	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 14, 1938

County Dickinson Name of Lake or Stream Spirit Lake

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web 150 ft. Depth _____ Mesh Size 1 1/2"
Location of Haul Inlet Number of Hauls _____
Estimated area seined (acres) _____
Average depth in area seined _____
Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					2	
W. Pike					6	
S. Bass					40	
Sheepshead					250	
Bullheads					1200	
Gar					90	
Catfish					2	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 18, 1938

County Dickinson Name of Lake or Stream Spirit Lake

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
Length of Web 150 ft. Depth _____ Mesh Size 1 1/2"
Location of Haul Inlet Number of Hauls _____
Estimated area seined (acres) _____
Average depth in area seined _____
Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Gullback						
Crappie					2	
N. Pike					9	
S. Bass					60	
Sheepshead					300	
Bullheads					2000	
Gar					110	
Pounds given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

161

Date May 19, 1938

Name of

Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 150 ft. Depth _____ Mesh Size 1 1/2"
 Location of Haul Inlet Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Mullback						
Perch					5	
Crappie					3	
W. Pike					7	
S. Bass					75	
Sheepshead					80	
Bullhead					600	
Gar					60	
Pounds given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

170

Date May 22, 1938
 Name of Lake or Stream Spirit Lake
 County Dickinson
O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 150 ft. Depth _____ Mesh Size 1 1/2"
 Location of Haul Inlet Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					3	
Crappie					3	
W. Pike					5	
S. Bass					50	
Sheepshead					350	
Bullhead					800	
Gar					41	
Pounds given away		Pounds Sold			Pounds Buried	

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____
 Suggested improvement, if any _____
 If a lake, are young fish present? _____ How abundant? _____
 Kind _____

FISH CENSUS REPORT

F:38-24

Date May 23, 1938

Name of Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 150 ft. Depth _____ Mesh Size 1 1/2"
 Location of Haul Inlet Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Crab						
Quillback						
W. Pike					2	
S. Bass					40	
Sheepshead					200	
Bullheads					900	
Gar					25	
Catfish					1	
Pounds given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Lumber fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 24, 1938

Name of Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 150 ft. Depth _____ Mesh Size 1 1/2"
 Location of Haul Inlet Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Crappie					1	
W. Pike					1	
S. Bass					20	
Sheepshead					100	
Bullhead					700	
Gar					45	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 25, 1938

Name of

Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 150 ft. Depth _____ Mesh Size 1 1/2"
 Location of Haul Inlet Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Crab						
Quillback						
S. Bass					10	
Sheepshead					150	
Bullheads					800	
Gar					185	
Pounds given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 27, 1938

Name of Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 150 ft. Depth _____ Mesh Size 1 1/2"
 Location of Haul Inlet Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					4	
Crappie					3	
W. Pike					4	
S. Bass					60	
Sheepshead					350	
Bullhead					600	
Gar					95	
Pounds Given away		Pounds Sold			Pounds Buried	

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 31, 1938

Name of Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 150 ft. Depth _____ Mesh Size 1 1/2"
 Location of Haul _____ Inlet _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
W. Pike					1	
S. Bass					20	
Sheepshead					100	
Bullheads					500	
Gar					147	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date June 1, 1938

Name of

Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 150 ft. Depth _____ Mesh Size 1 1/2"
 Location of Haul Inlet Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					2	
Crappie					1	
W. Pike					1	
S. Bass					35	
Sheepshead					150	
Bullhead					400	
Gar					97	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

Spirit Lake - Anglers Bay

In this area 600 feet of linear seine, having a 2-inch bar measure, was used. In addition to this, there were also 200 feet of bag which had a 1 1/2-inch bar measure.

All the hauls made in this area were northeast of the Yarns Boat Livery.

A total of 15 small silver bass, two wall-eyed pike, and one northern pike and 25 sheephead were killed in the seining operations which continued from May 18 to June 6. No sheephead were taken from the net except the injured ones.

All the carp were taken in this area during the spawning season. No buffalo were taken.

Seining was extremely difficult since the rise of the water levels had impounded water back into a large bulrush area.

Game fish taken during seining operations, which were re-

turned to the lake, are as follows; the gar were destroyed:

Sheephead			90
Bass	Catfish	4	57
Bullheads	Crappie	17	500
M. Bass	Perch	37	2
	Gar	470 (destroyed)	
	W. Pike	27 Pounds	
Given away	Sheephead	840 Buried	
	S. Bass	228	
	Bullheads	1,500	
	L. M. Bass	20	
	N. Pike	28	

Coarse fish taken are included in the complete report for suggested improvement, if any the entire lake.

If a lake, are young fish present? How abundant?

Kind

FISH CENSUS REPORT

F:38-24

Date May 18, 1938

County Dickinson Name of Lake or Stream Spirit Lake

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600* Depth _____ Mesh Size 2" *
 Location of Haul Anglers Bay Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____
 * also, 200-ft. bag, 1 1/2" mesh

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Crappie					2	
Perch					4	
Gar					60	
W. Pike					4	
N. Pike					6	
Sheepshead					90	
S. Bass					37	
Bullheads					300	
L. M. Bass					2	

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 26, 1938

Name of

Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft.* Depth _____ Mesh Size 2"*
 Location of Haul Anglers Bay Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____
 *Also, 200-ft. bag, 1 1/2" mesh

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					1	
Perch					7	
Gar					110	
Pike					7	
Sheepshead					150	
S. Bass					22	
Bullheads					200	
L. M. Bass					9	
N. Pike					11	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 27, 1938

Name of

Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft.* Depth _____ Mesh Size 2"
 Location of Haul Anglers Bay Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____
 *Also, 200-ft. bag, 1 1/2" mesh

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Crappie					3	
Perch					11	
Gar					80	
W. Pike					3	
Sheepshead					100	
S. Bass					45	
L. M. Bass					4	
Bullhead					250	
N. Pike					4	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 28, 1938

Name of

Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 200-ft.* Depth _____ Mesh Size 2"*
 Location of Haul Anglers Bay Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

*Also, 200-ft. bag, 1 1/2" mesh

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback:						
Crappie					6	
Perch					6	
Gar					50	
W. Pike					5	
Sheepshead					50	
S. Bass					27	
Bullheads:					100	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 30, 1938

Name of Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft.* Depth _____ Mesh Size 2"
 Location of Haul Anglers Bay Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____
 *Also, 200-ft. bag, 1 1/2" mesh

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Crappie						
Gar						
Quillback						
Catfish					2	
Gar					75	
Sheepshead					200	
S. Bass					20	
Bullheads					400	
L. M. Bass					2	
N. Pike					3	
Pounds given away		Pounds Sold			Pounds Buried	

 HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____
 Suggested improvement, if any _____
 If a lake, are young fish present? _____ How abundant? _____
 Kind _____

FISH CENSUS REPORT

F:38-24

Date May 31, 1938

Name of Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600-ft.* Depth _____ Mesh Size 2"*
 Location of Haul Anglers Bay Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____
 *Also, 200-ft. bag, 1 1/2" mesh

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Crappie					2	
Gar					55	
W. Pike					6	
Sheepshead					100	
S. Bass					30	
Bullheads					150	
Pounds Given away	Pounds Sold	Pounds Buried				

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date June 6, 1938

Name of

Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 600 ft.* Depth _____ Mesh Size 2"*
 Location of Haul Anglers Bay Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____
 *Also, 200-ft. bag, 1 1/2" mesh

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Catfish					1	
Crappie					4	
Perch					9	
Gar					40	
Wall-eyed Pike					2	
Sheepshead					150	
S. Bass					47	
Bullheads					100	
L. M. Bass					3	
N. Pike					4	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

Spirit Lake - Sand Bar Bridge

On June 6 a haul was made southwest of Omar's Boat Livery. One thousand feet of 2-inch bar measure linear seine was used. Seven thousand six hundred and twenty-five pounds of buffalo and 2,700 pounds of carp were taken. There were practically no game fish in the haul.

These nets were set for the express purpose of catching gar. They were very effective during the forepart of the season but the catches decreased later in the season when green algae became so abundant that it was almost impossible to wash it out of the nets.

Spirit Lake - Jacksons Point

A haul was made on Jacksons Point June 6 with 1,000 feet of linear seine having a bar measure of two inches. Six hundred and twenty-five pounds of buffalo and 740 pounds of carp were taken. Practically no game fish were in the haul.

Ferch	23
Bullheads	490
W. Pike	48
N. Pike	45
S. Bass	188
Crappie	12
Gar	1,185

The coarse fish taken are included in the complete report covering the entire lake.

County Dickinson

Name of Lake Spirit Lake

Making Report

Spirit Lake - Bakers Point to Thompson Boat Livery

Weather

Length of Web 10 pound

A total of ten pound nets were set in the area from Bakers Point north to Thompsons Boat Livery. These nets were constructed with 1 1/2-inch bar measure web.

Operations started on May 18 and continued until June 1.

These nets were set for the express purpose of catching gar. They were very effective during the forepart of the season but the catches decreased later in the season when green algae became so abundant that it was almost impossible to wash it out of the nets.

Some carp were taken in these nets though the principal purpose of the nets was for the removal of both long and short-nosed gar. Short-nosed gar heavily predominated.

The following game fish were taken in the nets which were returned to the lake, the gar being destroyed:

Perch	23
Bullheads	490
W. Pike	46
N. Pike	43
S. Bass	182
Crappie	12
Gar	1,185
	146

The coarse fish taken are included in the complete report covering the entire lake.

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

189

Date May 18, 1938

Name of

Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 10 pound nets Depth _____ Mesh Size 1 1/2"
 Location of Haul Bakers Pt. - Thompson Dock Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					6	
Bullheads					45	
W. Pike					8	
N. Pike					4	
S. Bass					11	
Crappie					1	
Gar					146	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

193

Date May 19, 1938
 Name of Lake or Stream Spirit Lake
 County Dickinson
 O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 10 pound nets Depth _____ Mesh Size 1 1/2"
 Location of Haul Bakers Pt. - Thompson Dock Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					4	
Bullheads					75	
W. Pike					6	
N. Pike					8	
S. Bass					14	
Crappie					4	
Gar					196	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 20, 1938

County Dickinson Name of Lake or Stream Spirit Lake

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 10 pound nets Depth _____ Mesh Size 1 1/2"
 Location of Haul _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

*Bakers Point to Thompson Boat Livery**

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					2	
Bullheads					60	
W. Pike					4	
N. Pike					6	
S. Bass					22	
Gar					120	
Pounds given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

192

Date May 21, 1938
 Name of Lake or Stream Spirit Lake
 County Bickinson

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 10 pound nets Depth _____ Mesh Size 1 1/2"
 Location of Haul * _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

*Bakers Point to Thompson Boat Livery

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Bullheads					40	
W. Pike					4	
N. Pike					5	
S. Bass					20	
Crappie					1	
Gar					118	

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

193

Date May 22, 1938
 Name of Lake or Stream Spirit Lake
 County Dickinson
 O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 10 pound nets Depth _____ Mesh Size 1 1/2"
 Location of Haul * _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

*Bakers Point to Thompson Boat Livery

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					3	
Bullheads					40	
W. Pike					3	
N. Pike					4	
S. Bass					18	
Crappie					3	
Gar					108	
Pounds given away		Pounds Sold			Pounds Buried	

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 23, 1938

Name of

Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____

Length of Web 10 pound nets Depth _____ Mesh Size 1 1/2"

Location of Haul _____ Number of Hauls _____

Estimated area seined (acres) _____

Average depth in area seined _____

Vegetation in Area: Abundant _____ Scarce _____ None _____

*Bakers Point to Thompson Boat Livery

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Bullheads					35	
W. Pike					4	
N. Pike					4	
S. Bass					16	
Gar					96	

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 24, 1938

Name of

Lake or Stream Spirit Lake

County Dickinson

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 10 pound nets Depth _____ Mesh Size 1 1/2"
 Location of Haul * _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

*Bakers Point to Thompson Boat Livery

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					4	
Bullheads					42	
W. Pike					1	
N. Pike					2	
S. Bass					9	
Gar					80	

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

196

Date May 25, 1938

County Dickinson Name of Lake or Stream Spirit Lake

O. J. Koch

Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 10 pound nets Depth _____ Mesh Size 1 1/2"
 Location of Haul _____ * _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

*Bakers Point to Thompson Boat Livery

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Bullheads					27	
W. Pike					2	
N. Pike					2	
S. Bass					13	
Crappie					1	
Gar					72	

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date May 26, 1938
 Name of Lake or Stream Spirit Lake
 County Dickinson
O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 10 pound nets Depth _____ Mesh Size 1 1/2"
 Location of Haul * _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

*Bakers Point to Thompson Boat Livery

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					1	
Bullheads					30	
W. Pike					1	
N. Pike					3	
S. Bass					19	
Gar					67	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

198

Date May 27, 1938
 Name of Lake or Stream Spirit Lake
 County Dickinson

O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 10 pound nets _____ Depth _____ Mesh Size 1 1/2"
 Location of Haul * _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

*Bakers Point to Thompson Boat Livery

Fish Taken
(State Number)

Kind of Fish	: Jumbo (over 7 pounds)	: 1 (5 - 7 pounds)	: 2 (5 - 2 pounds)	: 3 (2 pounds or less)	: Game Fish (Number)	: Total
Buffalo	:	:	:	:	:	:
Carp	:	:	:	:	:	:
Gar	:	:	:	:	:	:
Quillback	:	:	:	:	:	:
Perch	:	:	:	:	2	:
Bullheads	:	:	:	:	25	:
W. Pike	:	:	:	:	4	:
N. Pike	:	:	:	:	1	:
S. Bass	:	:	:	:	10	:
Gar	:	:	:	:	54	:
Pounds Given away	Pounds Sold		Pounds Buried			

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

200

Date May 29, 1938
 Name of Lake or Stream Spirit Lake
 County Dickinson
 Making Report O. J. Koch

 Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 10 pound nets Depth _____ Mesh Size 1 1/2"
 Location of Haul* _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____
 Bakers Point to Thompson Boat Livery

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Bullheads					22	
N. Pike					3	
N. Pike					1	
S. Bass					10	
Crappie					1	
Gar					44	
Pounds Given away	Pounds Sold	Pounds Buried				

 HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____
 Suggested improvement, if any _____
 If a lake, are young fish present? _____ How abundant? _____
 Kind _____

FISH CENSUS REPORT

F:38-24

201

Date May 30, 1938
 Name of Lake or Stream Spirit Lake
 County Dickinson
O. J. Koch Making Report

Weather _____ Air Temp. _____ Water Temp. _____
 Length of Web 10 pound nets Depth _____ Mesh Size 1 1/2"
 Location of Haul * _____ Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

*Bakers Point to Thompson Boat Livery

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Perch					1	
Bullheads					29	
W. Pike					4	
N. Pike					3	
S. Bass					11	
Crappie					1	
Gar					37	
Pounds given away		Pounds Sold			Pounds Buried	

HISTORY OF AREA ON ABOVE DATE

Lumber fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

202

Coarse Fish Removed During Seining
Operations, Spirit Lake, 1938

Buffalo	20,288 lbs.
Carp	90,099 "
Sheepshead	3,780 "
	<hr/>
	114,167 "
Given away	1,600

Recapitulation of Game Fish Taken Dur-
ing All Operations on Spirit Lake, 1938

Perch	86
Crappie	47
W. Pike	122
S. Bass	977
Sheepshead	3,695
Bullheads	25,990
Gar	3,003
Catfish	8
L. M. Bass	20
N. Pike	71

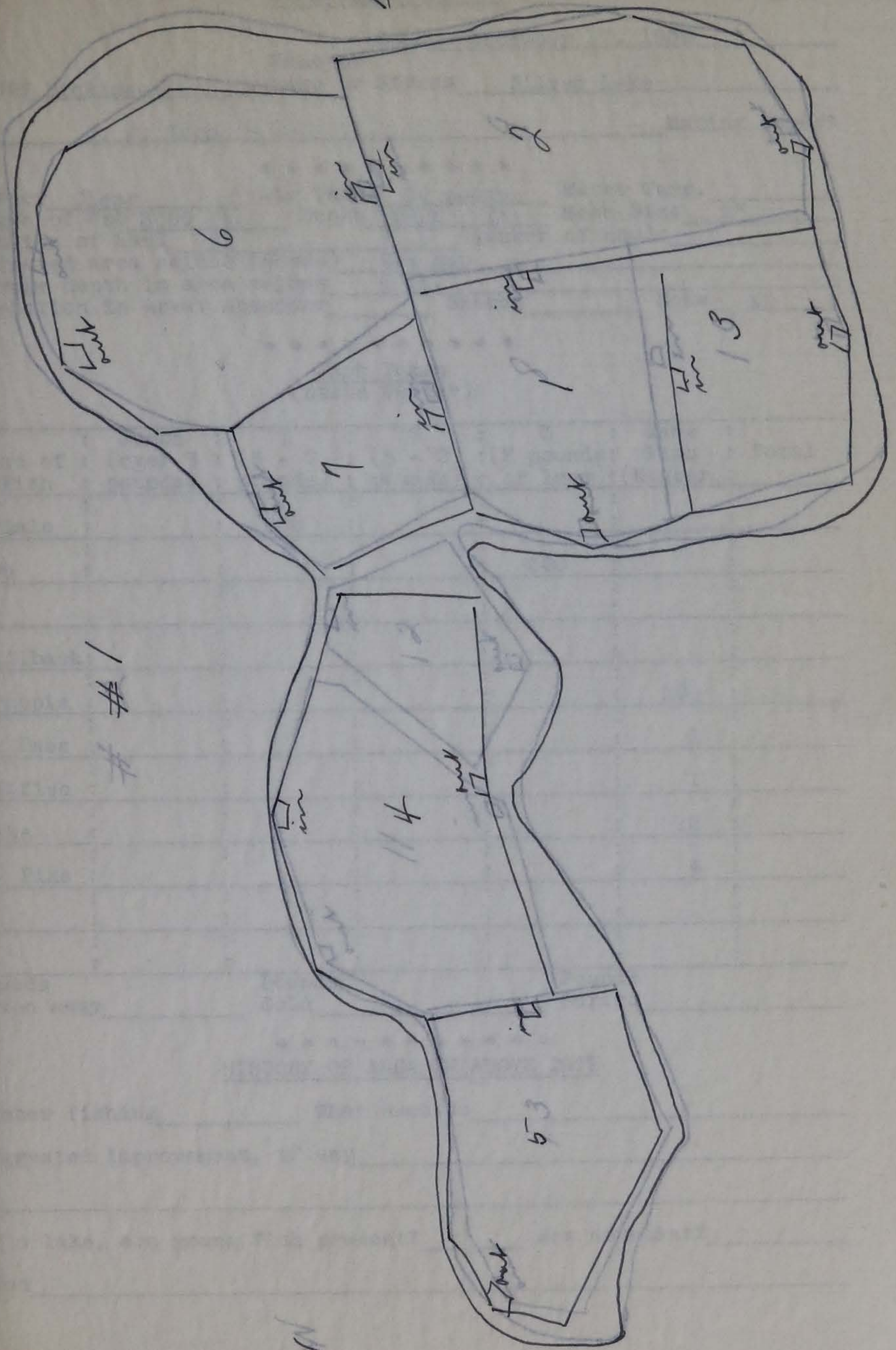
SILVER LAKE
Dickinson County

Seining operations were started on December 17 and continued to January 18. This lake was seined during the winter under the ice.

The location of the hauls will be found on the attached maps. In view of the fact that some of the hauls were changed considerably it was necessary to make two maps showing the location of each.

In all operations a net with a bar measure of two inches was used so consequently most of the smaller game fish were not taken in the hauls. There are large numbers of small bullheads in this lake which were able to sift through the seine before the haul was landed. Only the larger size bullheads were taken. This also holds true, particularly, of the crappie and wall-eyed pike.

E



#

5

WN

Date December 17, 1937

Name of Lake or Stream Silver Lake

County Dickinson

J. J. Koch

Making report

Air Temp 20 above Water Temp.

Depth 3-3 ft. Mesh Size 2"

Number of Hauls

Estimated area seined (acres) See map

Average depth in area seined 6 ft.

Vegetation in Area: Abundant Scarce None x

Fish Taken (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo	1	1	1	1		4
Walleye						
Crappie	2					2
Bass						
Catfish						
Pike						
Pike						

Weight of Fish

Weight of Fish

Weight of Fish

Weight of Fish

Weight of Fish

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Weight of Fish

HISTORY OF AREA ON ABOVE DATE

Number fishing

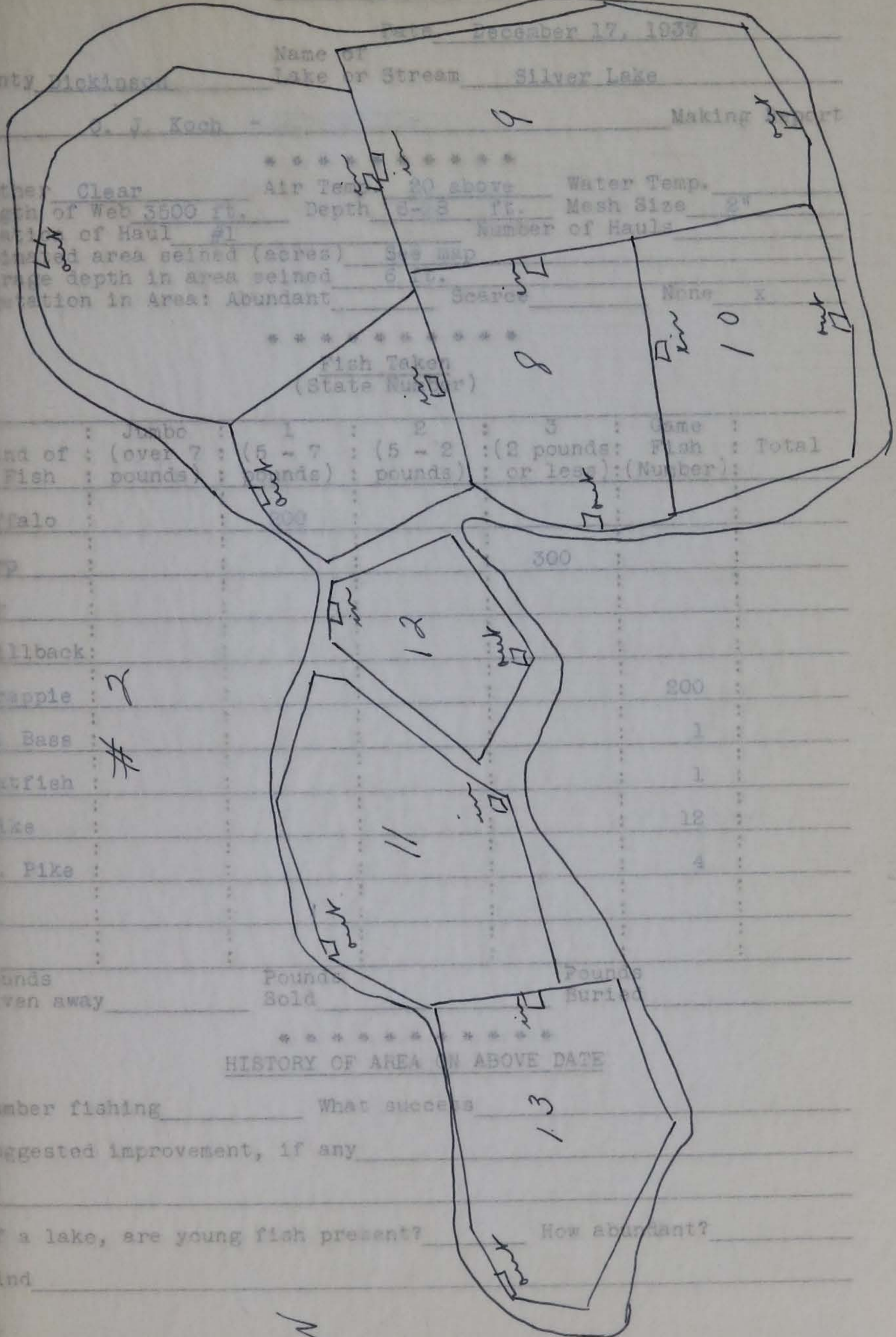
Suggested improvement, if any

If a lake, are young fish present?

And

W

S



FISH CENSUS REPORT

7
F:38-24

Date December 17, 1937

Name of

Lake or Stream Silver Lake

County Dickinson

O. J. Koch -

Making Report

Weather Clear Air Temp. 20 above Water Temp. _____
 Length of Web 3500 ft. Depth 6-8 ft. Mesh Size 2"
 Location of Haul #1 Number of Hauls _____
 Estimated area seined (acres) See map
 Average depth in area seined 6 ft.
 Vegetation in Area: Abundant _____ Scarce _____ None x

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		200				
Carp				300		
Gar						
Quillback						
Crappie					200	
S. Bass					1	
Catfish					1	
Pike					12	
N. Pike					4	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

7
F:38-24

Date December 18, 1937
 Name of Lake or Stream Silver Lake
 County Dickinson
O. J. Koch - Making Report

Weather Foggy Air Temp. 20 above Water Temp. _____
 Length of Web 3500 ft. Depth 6-8 Mesh Size 2"
 Location of Haul #2 Number of Hauls 1
 Estimated area seined (acres) See map
 Average depth in area seined 6
 Vegetation in Area: Abundant _____ Scarce _____ None †

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		300				
Carp				600		
Gar						
Quillback						
Crappie					150	
Pike					15	
Catfish					1	
S. Bass					1	
B. Bass					1	
N. Pike					5	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

21

Date December 28, 1937
 Name of Lake or Stream Silver Lake
 County Dickinson
O. J. Koch Making Report

Weather Clear Air Temp. 25 Water Temp. _____
 Length of Web 3500 ft. Depth 6-8 Mesh Size 2
 Location of Haul #5 Number of Hauls 1
 Estimated area seined (acres) See Map
 Average depth in area seined 6 ft.
 Vegetation in Area: Abundant _____ Scarce _____ None X

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		900				
Carp				31,000		
Gar						
Killback						
Crappie					50	
Pike					3	
N. Pike					7	
Catfish					5	
Bullheads					300	
Pounds given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Summer fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

and _____

FISH CENSUS REPORT

F:38-24

214

Date January 5, 1938
 Name of County Dickinson Lake or Stream Silver Lake

O. J. Koch Making Report

Weather Foggy Air Temp. 20 Water Temp. _____
 Length of Web 3500 Depth 6-8 Mesh Size 2
 Location of Haul #8 Number of Hauls _____
 Estimated area seined (acres) see map
 Average depth in area seined 6
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		150				
Carp				150		
Gar						
Willback						
N. Pike					3	
Crappie					2	
Perch					1	
Bluegill					1	
S. Gass					2	
Pounds given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

215

Date January 6, 1938
 Name of Lake or Stream Silver Lake
 County Dickinson

O. J. Koch Making Report.

Weather Clear Air Temp. 15 Water Temp. _____
 Length of Web 3500 Depth 6-8 Mesh Size 2
 Location of Haul #9 Number of Hauls _____
 Estimated area seined (acres) see map
 Average depth in area seined 6
 Vegetation in Area: Abundant _____ Scarce _____ None x

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp			3400			
Gar						
Quillback						
Pike					3	
N. Pike					4	
Crappie					12	
Catfish					1	
S. Bass					1	
Perch					2	
Pounds given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date January 15, 1938
 Name of Dickinson
 Lake or Stream Silver Lake
O. J. Koch Making Report

 Weather Clear Air Temp. 30 Water Temp. _____
 Length of Web 3500 Depth 6-8 Mesh Size 2
 Location of Haul #12 Number of Hauls _____
 Estimated area seined (acres) see map
 Average depth in area seined 6 ft.
 Vegetation in Area: Abundant _____ Scarce _____ None x

Fish Taken
 (State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish	Total (Number)
Buffalo						
Carp				1900		
Gar						
Mullback						
Crapple					30	
Catfish					3	
N. Pike					2	
Pike					3	
E. Bass					1	
Pounds Given away	Pounds Sold	Pounds Buried				

 HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____
 Suggested improvement, if any _____
 If a lake, are young fish present? _____ How abundant? _____
 Find _____

FISH CENSUS REPORT

F:38-24

219

Date January 18, 1938
 Name of Lake or Stream Silver Lake
 County Dickinson
O. J. Koch Making Report

Weather Cloudy Air Temp. 20 Water Temp. _____
 Length of Web 3500 Depth 6-8 Mesh Size 2
 Location of Haul #13 Number of Hauls _____
 Estimated area seined (acres) see map
 Average depth in area seined 6 ft.
 Vegetation in Area: Abundant _____ Scarce _____ None x

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		650				
Carp				2675		
Gar						
Shillback						
Pike					80	
Crappie					100	
N. Pike					30	
Perch					15	
Bullheads					3	
Catfish					3	
L. M. Bass					2	
Pounds given away		Pounds Sold		Pounds Buried		

 HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____
 Suggested improvement, if any _____
 If a lake, are young fish present? _____ How abundant? _____
 Kind _____

220

Coarse Fish Taken During Seining
Operations on Silver Lake, Dickinson
County, 1938

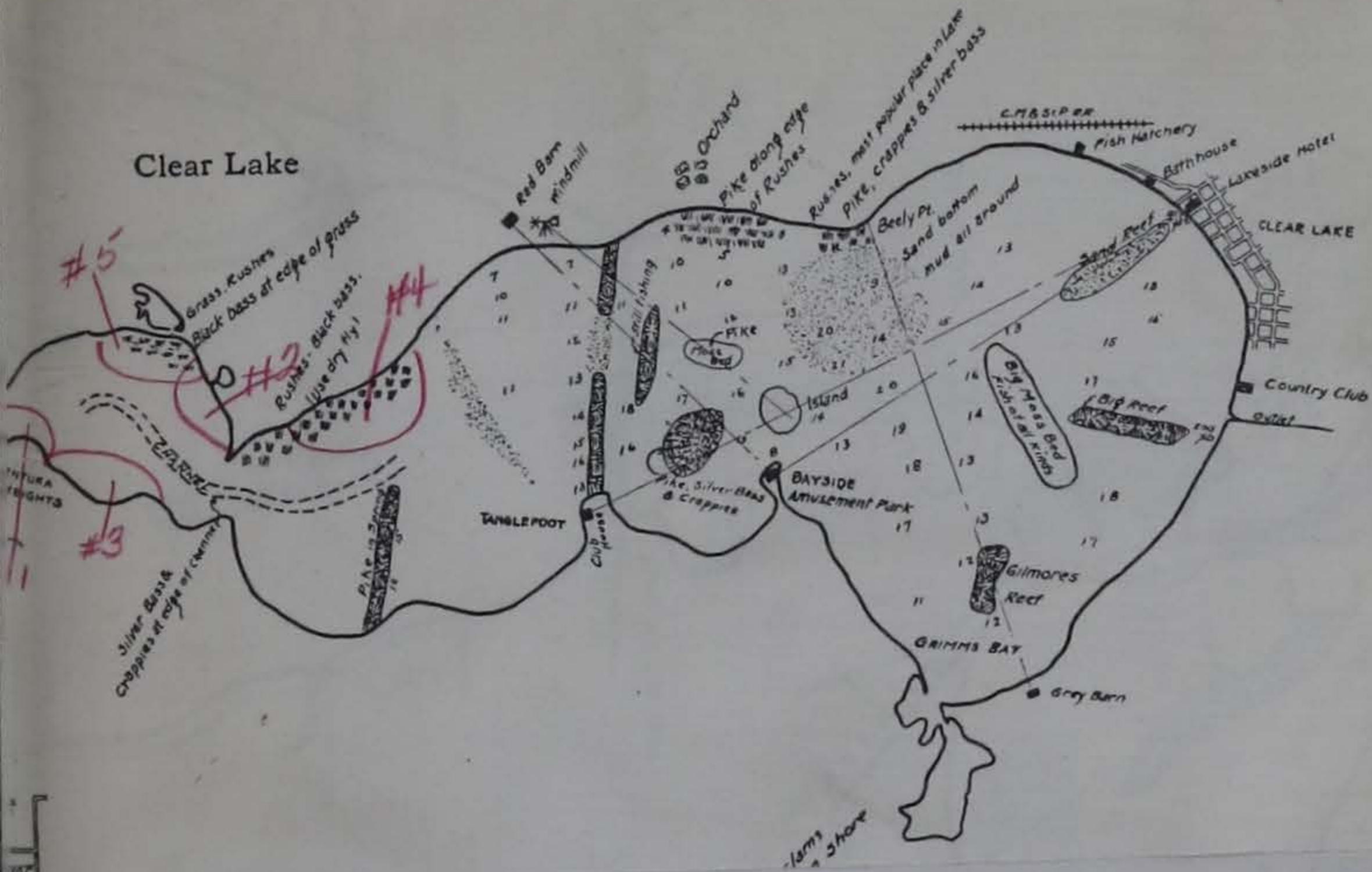
Buffalo	3,015 lbs.
Carp	64,100 "

(The foregoing report was obtained from Fish Census Reports from December 17, 1937 to January 18, 1938 since the seining operations for the winter program started on that date; consequently, it will not coincide with the sales receipts of January 1, 1938 to December 31, 1938, since 37,190 lbs. were taken between December 17 and December 31, 1937.)

Recapitulation of Game Fish Taken in
Seines During Above Operations and
Returned to the Lake

Crappie	1,166
S. Bass	7
Catfish	20
Pike	147
N. Pike	74
B. Bass	5
Bullheads	303
Perch	18
Bluegill	1
Suckers	12

Location of Hauls



FISH CENSUS REPORT

F:38-24

224

Date April 11, 1938

Name of

County Cerro Gordo Lake or Stream Clear Lake

O. J. Koch

Making Report

Weather Clear Air Temp. 61 Water Temp. 40
 Length of Web 2200 Depth 12 Mesh Size 2 1/2
 Location of Haul See Map Number of Hauls _____
 Estimated area seined (acres) 120
 Average depth in area seined _____
 Vegetation in Area: Abundant dead Scarce _____ None _____

Haul #4

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Pike					4	
S. Bass					35	
Crappie					40	
Catfish					1 (Hatchery for display)	
10 Sunfish					10	" " "
Pounds Given away	Pounds Sold		Pounds Buried			

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

226

Date April 13, 1938

County Cerro Gordo Name of Lake or Stream Clear Lake

O. J. Koch Making Report

Weather Fair Air Temp. 70 Water Temp. 50
Length of Web 2200 Depth 12 Mesh Size 2 1/2
Location of Haul see map #4 Number of Hauls
Estimated area seined (acres) 200
Average depth in area seined 9
Vegetation in Area: Abundant dead Scarce None

Fish Taken (State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, Crappie, S. Bass, Bullheads, and summary rows for Pounds Given away, Sold, and Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing What success

Suggested improvement, if any

If a lake, are young fish present? How abundant?

Kind

FISH CENSUS REPORT

F:38-24

227

Date April 14, 1938

Name of Lake or Stream Clear Lake

County Cerro Gordo

O. J. Koch

Making Report

Weather Cloudy - warm Air Temp. 68 Water Temp. 50
 Length of Web _____ Depth _____ Mesh Size 2 1/2
 Location of Haul See Map - #1 Number of Hauls _____
 Estimated area seined (acres) 120
 Average depth in area seined _____
 Vegetation in Area: Abundant dead Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo						
Carp						
Gar						
Quillback						
Crappie					50	
S. Bass					500	
Bluegill					70	
B. Bass (Clear Lake Pond)					18	

Pounds Given away _____ Pounds Sold _____ Pounds Buried _____

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

228

Date April 15, 1938

Name of Lake or Stream Clear Lake

County Cerro Gordo

O. J. Koch Making Report

Weather Clear Air Temp. 65 Water Temp. 49
Length of Web Depth 12 Mesh Size 2 1/2
Location of Haul #2 - see map Number of Hauls
Estimated area seined (acres) 100
Average depth in area seined 8
Vegetation in Area: Abundant dead Scarce None

Fish Taken (State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, Bluegill, S. Bass, N. Pike, Catfish, and summary rows for Pounds Given away, Sold, and Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing What success

Suggested improvement, if any

If a lake, are young fish present? How abundant?

Kind

FISH CENSUS REPORT

F:38-24

229

Date April 16, 1938

County Cerro Gordo Name of Lake or Stream Clear Lake

O. J. Koch Making Report

Weather Cloudy - rain Air Temp. 58 Water Temp. 50
Length of Web 2200 Depth Mesh Size 2 1/2
Location of Haul did not haul Number of Hauls
Estimated area seined (acres)
Average depth in area seined
Vegetation in Area: Abundant Scarce None

Fish Taken (State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, and Pounds Given away/Sold/Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing What success

Suggested improvement, if any

If a lake, are young fish present? How abundant?

Kind

FISH CENSUS REPORT

F:38-24

231

Date April 18, 1938

Name of

Lake or Stream Clear Lake

County Cerro Gordo

O. J. Koch

Making Report

Weather Clear Air Temp. 59 Water Temp. 50
Length of Web 2200 Depth 1200 Mesh Size 2 1/2
Location of Haul #1 - see map Number of Hauls
Estimated area seined (acres) 120
Average depth in area seined
Vegetation in Area: Abundant dead Scarce None

Fish Taken (State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, Bluegill, S. Bass, B. Bass (taken to Hampton pond for hatchery purposes), and Pounds Given away/Sold/Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing What success

Suggested improvement, if any

If a lake, are young fish present? How abundant?

Kind

FISH CENSUS REPORT

F:38-24

Date April 19, 1938

County Cerro Gordo Name of Lake or Stream Clear Lake

O. J. Koch

Making Report

Weather Clear - windy Air Temp. 63 Water Temp. 54
Length of Web 2200 Depth 12 Mesh Size 2 1/2
Location of Haul #1 Number of Hauls
Estimated area seined (acres) 120
Average depth in area seined 8
Vegetation in Area: Abundant dead Scarce None

Fish Taken (State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, and a 'No game fish' entry. Summary rows for Pounds Given away, Sold, and Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing What success

Suggested improvement, if any

If a lake, are young fish present? How abundant?

Kind

FISH CENSUS REPORT

F:38-24

Date April 27, 1938
 Name of Cerro Gordo Lake or Stream Clear Lake
 County Cerro Gordo
O. J. Koch Making Report

Weather Rainy Air Temp. 50 Water Temp. 48
 Length of Web 2200 Depth 12 Mesh Size 2 1/2
 Location of Haul #4 - see map Number of Hauls 1
 Estimated area seined (acres) 110
 Average depth in area seined 8 ft.
 Vegetation in Area: Abundant dead Scarce None

Fish Taken
(State Number)

Kind of Fish	: Jumbo (over 7 pounds)	: 1 (5 - 7 pounds)	: 2 (5 - 2 pounds)	: 3 (2 pounds or less)	: Game Fish (Number)	: Total
Buffalo	:	:	:	:	:	:
Carp	:	:	:	:	:	:
Gar	:	:	:	:	:	:
Quillback	:	:	:	:	:	:
Bluegill	:	:	:	:	600	:
Crappie	:	:	:	:	300	:
N. Pike	:	:	:	:	5	:
April 28: did not make haul	:	:	:	:	:	:
Pounds Given away	Pounds Sold		Pounds Buried			

HISTORY OF AREA ON ABOVE DATE

Number fishing What success
 Suggested improvement, if any
 If a lake, are young fish present? How abundant?
 Kind

FISH CENSUS REPORT

F:38-24

Date April 29, 1938

County Cerro Gordo Name of Lake or Stream Clear Lake

O. J. Koch

Making Report

Weather Clear Air Temp. 69 Water Temp. 52
Length of Web 2200 Depth 12 Mesh Size 2 1/2
Location of Haul #5 - see map Number of Hauls
Estimated area seined (acres)
Average depth in area seined 6
Vegetation in Area: Abundant dead Scarce None

Fish Taken (State Number)

Table with columns: Kind of Fish, Pounds, Game Fish, Total. Rows include Buffalo, Carp, Gar, Quillback, Crappies (60), and Pounds Given away/Sold/Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing What success

Suggested improvement, if any

If a lake, are young fish present? How abundant?

Kind

FISH CENSUS REPORT

F:38-24

Date April 30, 1938
Name of Lake or Stream Clear Lake
County Cerro Gordo
O. J. Koch Making Report

Weather Clear Air Temp. 70 Water Temp. 58
Length of Web 2200 Depth 12 Mesh Size 2 1/2
Location of Haul #2 and #5 Number of Hauls
Estimated area seined (acres) 160
Average depth in area seined
Vegetation in Area: Abundant dead Scarce None

Fish Taken
(State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, and summary rows for Pounds Given away, Sold, and Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing What success
Suggested improvement, if any
If a lake, are young fish present? How abundant?
Kind

NORTH TWIN LAKE
Calhoun County

North Twin Lake, north of Rockwell City, in Calhoun County, was seined on December 27 and 29. Twenty-five hundred feet of seine, 12 feet deep, having a bar measure of 1 1/4-inches was used in the operation.

In the first haul approximately 12,000 pounds of buffalo and carp were taken. Five hundred pounds of carp from two to four pounds and 1,000 pounds from two to three pounds each were removed. The balance of the fish run approximately four to the pound. Very few small carp were taken.

In addition to the coarse fish there were 400 crappie from six to eight inches long, 100 perch from seven to eight inches long, and 100 bullheads from five to eight inches long, taken in each haul.

The lake was swept from the state park to the south end.

The second haul, in which we used the same equipment, was made at the north end of the lake. Two thousand pounds of saleable buffalo and 5,000 pounds of carp were taken in this haul, in addition to 8,000 pounds of very small, thin buffalo.

In addition to the coarse fish 250 adult crappie, 25 perch, and 150 bullheads were taken.

Seining operations will continue here under the ice during the month of January, 1939, since it is the desire of the Commission to clean this lake thoroughly before the dredging operations are started. Consequently, the complete record of the fish taken and the pounds sold will not be available until in the 1939 Annual Report.

Coarse Fish Taken from Clear Lake During
Seining Operations, 1938

Buffalo	2,324 lbs.
Carp	25,861 "
	<hr/>
	28,185 "

Game Fish Taken In Seines During Above
Operations and Returned to the Lake

Pike	4
Crappie	1,595
S. Bass	1,345
Bullheads	516
Bluegill	1,838
N. Pike	117
Catfish	4

Game Fish Taken During Above Operations
and Stocked in Nursery Ponds for Hat-
chery Purposes

B. Bass	49
Crappie	60

1 Catfish and 10 Sunfish were placed
in Clear Lake Hatchery for Display

BLUE LAKE
Monona County

Seining operations were carried on in Blue Lake, near Onawa, in Monona County, from October 1 to October 16. A total of 12 hauls were made in the lake using 1500 feet of linear seine, 12 feet deep and 1 1/2-inch bar measure.

During each of the hauls an average of six catfish from 10 to 14 inches long, 50 bullheads from seven to nine inches long, 25 crappie from five to seven inches long, and five adult large-mouth bass as well as 40 fingerling large-mouth bass from six to nine inches, were taken. The average of approximately 150 sheepshead weighed two pounds each. The hauls averaged approximately seven wall-eyed pike about two pounds each.

A total of 989 pounds of carp and 2,215 pounds of buffalo were sold averaging 2 1/2 pounds each. Also, 34,325 lbs. of carp and buffalo were given away. The proportion would run approximately 10% buffalo and 90% carp, averaging about one pound each.

It is our opinion that many of the game fish were caught over and over in various seine hauls and I seriously question whether there are many game fish in the lake.

This lake has filled in tremendously with silt in the last six years. In 1932 I checked the depth of the water and found 12 feet on the side of the lake opposite the bathing beach. At the present time there is about six feet in the same location.

I am of the opinion there are not many carp or buffalo left in the lake at the present time and would not recommend further work here, at least for the present.

244

Coarse Fish Taken from Blue Lake, Monona
County During Seining Operations, 1938

Buffalo	2,215 lbs.
Carp	989 lbs.
	<hr/>
	3,204 lbs.
Given away	34,325 lbs.

Game Fish Taken in Seines During Above
Operations and Returned to the Lake

Catfish	72
Bullheads	600
Crappie	300
L. M. Bass	540
Wall-eyed Pike	84
Sheepshead	150

246

MUSCATINE SLOUGH

Muscatine County

and experienced game warden were good in removing rough fish. Carp and buffalo, also turtles, of any size were given to the volunteer helpers.

The coarse fish removal in Muscatine Slough was carried on under the direction of Conservation Officer Earl F. Jago of Muscatine. Detailed maps of the seining areas will be found in the master report.

The following report was compiled by Mr. Jago:

"1. 28 man days paid labor

"2. 76 man days volunteer labor

"3. Sale of fish -- Carp 2,534 lbs. and Buffalo 4,917 lbs.

"4. Game fish caught in nets and returned to waters; mostly legal size:

Bass	101
Crappie	387
Catfish	19
Bullheads	225
Sunfish	34
Wall-eyed Pike	6 (most of these legal size)

"5. Carp given away or destroyed 3700 lbs, Buffalo 12,000 lbs, Shad, 900 lbs, Dogfish 1300 lbs, 163 turtles (most of them full of eggs)

Most of the carp and buffalo were 15 inches and under.

The dogfish were from two to fourteen pounds.

"6. Tackle used: 16 hoop and fyke nets; 1 - 1000 ft. seine;

1 - 250 ft. seine, 3/4-inch mesh; and 2 trammel nets.

"The last week or ten days it was difficult to catch rough fish in Muscatine Slough, Plumb and Keokuk lakes. All of those engaged in the work are satisfied we cleaned out the majority of them. Possibly next fall, with volunteer labor and the information

and experience we gained, we can do some more good in removing rough fish. The carp and buffalo, also turtles, of any size were given to the volunteer helpers.

"Some land-locked waters and ponds that were seined developed many surprising results. Many had less rough fish and more game fish than was commonly believed.

"In my opinion from the experience and results we have had, it would not justify your department to include Muscatine and Louisa counties in your rough fish removal program.

"The work that has been done has received a lot of favorable comment, so any loss we might have incurred can be charged to the good-will that has been created."

Base	101
Crappie	387
Catfish	19
Bullheads	220
Sunfish	24
W. Pike	6

O Keep NET
= SHUT OFF
TRAMPET N
= STONE

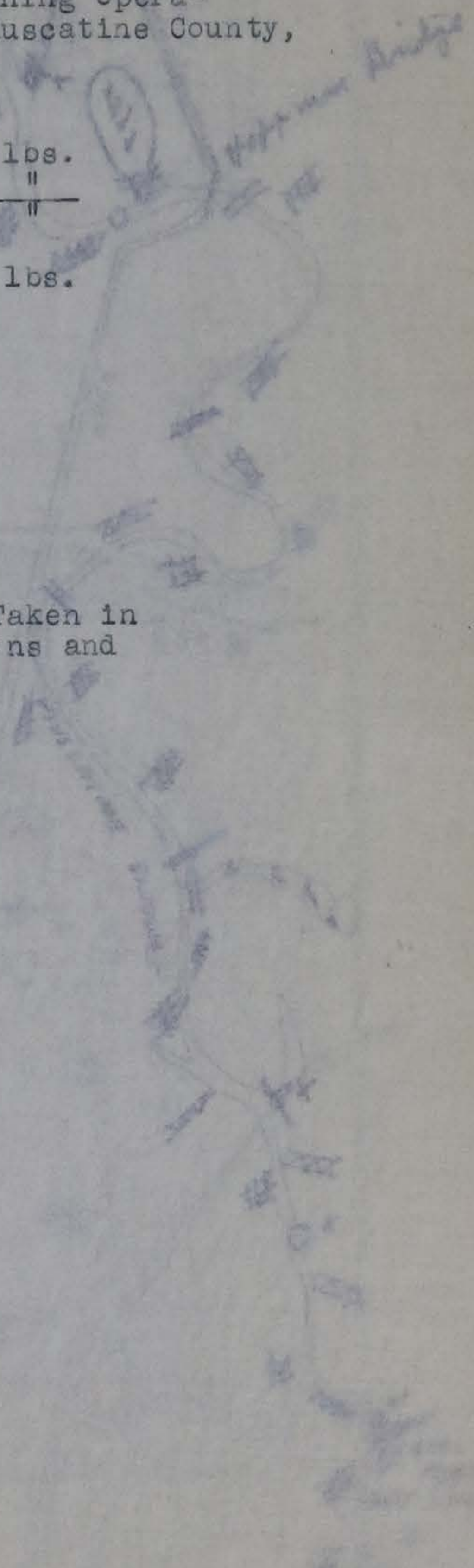
Coarse Fish Taken During Seining Operations in Muscatine Slough, Muscatine County, 1938

Buffalo	2,383 lbs.
Carp	2,534 "
	<hr/>
	4,917 "
Given away	17,900 lbs.

Recapitulation of Game Fish Taken in Seines During Above Operations and Returned to Lake

Bass	101
Crappie	387
Catfish	19
Bullheads	225
Sunfish	34
W. Pike	6

Muscatine



about 400 traps were used & taken
when fish have been drawn

Boat Landing

O HOOP NET
= SHUT OFF
TRAMMEL NET
--- STONE

Muscataine Slough

Hoffman Bridge

ROAD

Bridge

ROAD

ROAD

MUSCATINE

SLOUGH

SCALE

1000 0 1000

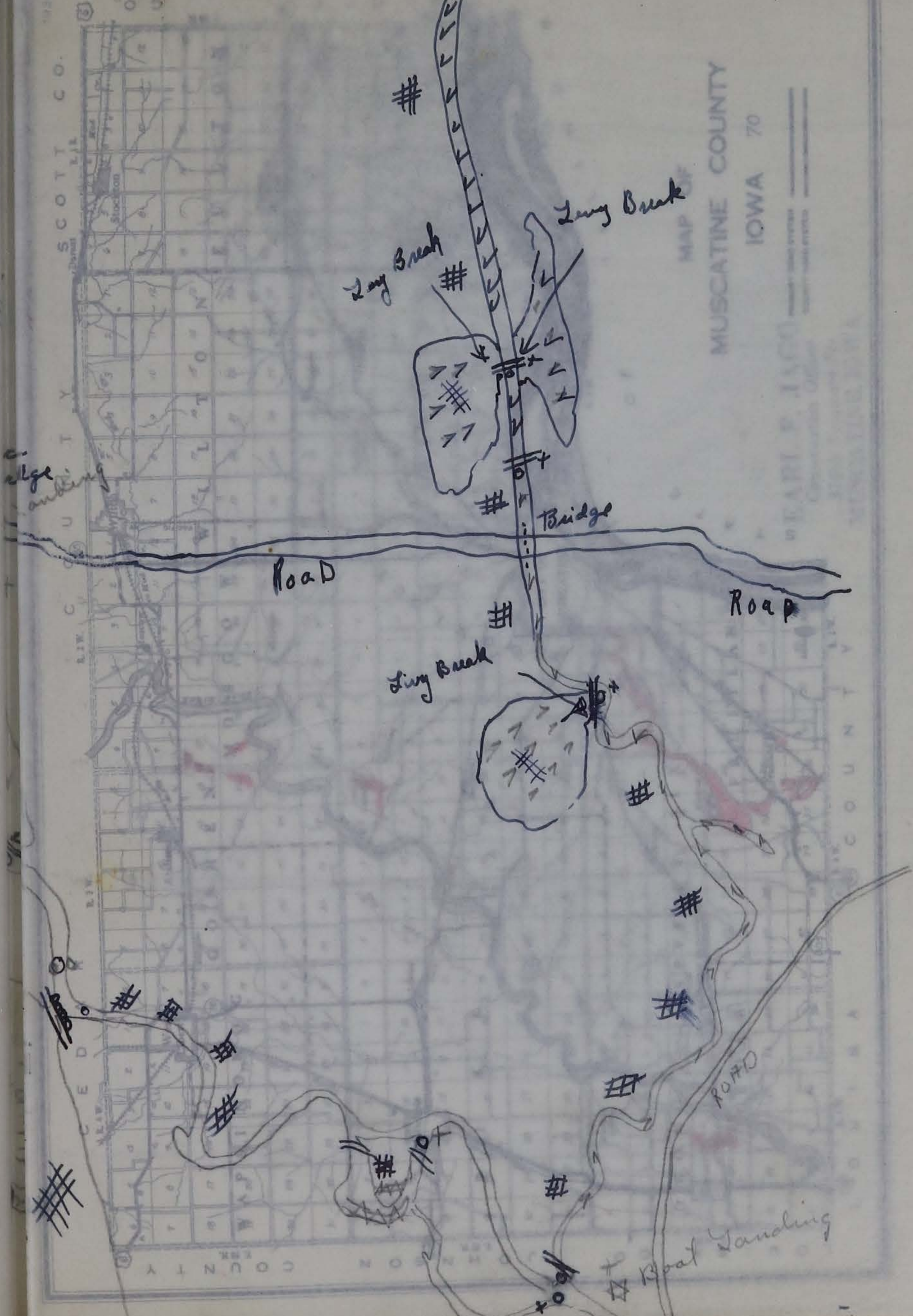


PORT LOUISIANA

Ring



the sheet off's + nets were used + taken up
Where Fish have been drove out



CEDAR COUNTY SCOTT CO.
R. 4 W. R. 3 W. R. 2 W. R. 1 E.



MAP OF
MUSCATINE COUNTY

IOWA 70

EARL F. JAGO
Conservation Officer
314 1/2 Sycamore St.
MUSCATINE, IOWA

PRIMARY ROAD SYSTEM
COUNTY ROAD SYSTEM



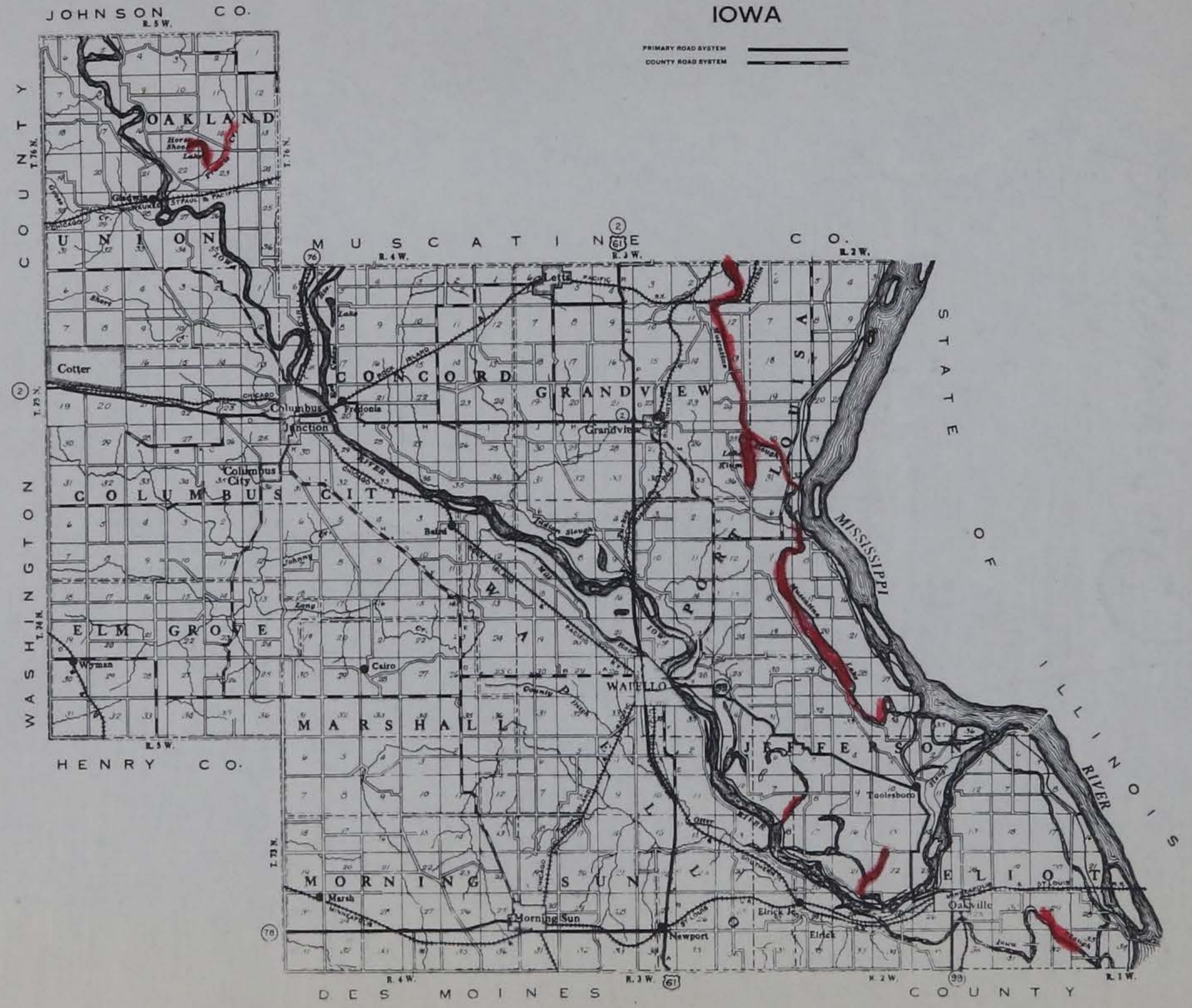
T. 78 N.
T. 77 N.
T. 76 N.

CEDAR COUNTY
WAPSINONOC
GOSHEN
MOSCOW
WILTON
FULTON
MONTPELIER
SWEETLAND
FRUITLAND

R. 4 W. R. 3 W. R. 2 W. R. 1 E.
LOUISIANA COUNTY

EARL F. JAGO
Conservation Officer
314 1/2 Sycamore St.
MUSCATINE, IOWA

58
MAP OF
LOUISA COUNTY
IOWA



JOHNSON CO.
R. 5 W.
T. 76 N.
UNION CO.
R. 4 W.
R. 3 W.
R. 2 W.
COLUMBUS CITY
ELM GROVE
MARSHALL
MORNING SUN
DES MOINES CO.

MUSCATINE CO.
R. 4 W.
R. 3 W.
R. 2 W.

STATE OF ILLINOIS
MISSISSIPPI RIVER
JEFFERSON CO.
MORNING SUN
DES MOINES CO.

PRIMARY ROAD SYSTEM
COUNTY ROAD SYSTEM

PINE LAKE, ELDORA
Hardin County

Coarse fish removal work at Pine Lake in Hardin County was carried on under the supervision of Ray Butler.

Since he did not have any instructions on fish census records no report was made of the number of game fish taken.

In addition to the coarse fish which were sold approximately 500 pounds were delivered to Walter L. Harvey, Conservation Officer in Marshalltown, to be used as food for the small-mouth bass hatchery at that place and 300 pounds were given to the local help on the project.

Coarse Fish Taken During Seining Operations
in Pine Lake, Hardin County, 1938

Buffalo	22 lbs.
Carp	1,846 "
Quillback	100 "
	<hr/>
	1,968 "
Given away	800 "

IOWA SLOUGH
Louisa & Muscatine Counties

Coarse fish were removed from Iowa Slough under the supervision of Conservation Officers Earl F. Jago and George Killinger.

Approximately nine days were spent on the project. A 2-inch 150-yard seine was used in the operation. Carp and buffalo of any size were given to those who assisted in the work.

Conservation Officers Jago and Killinger made the following report:

"Two thousand eight hundred and twenty pounds of carp, 1489 pounds of buffalo, from three to six pounds; 12,550 pounds of shad and 1,200 small carp and buffalo; 29 crappie, 19 bass, 14 catfish and three pike were taken out of the nets. The game fish were returned to the Iowa Slough.

"The following places in Louisa County were likewise seined: Goose Pond, Wilson Lake, Meyerholze and Keevers lakes. Results were as follows:

"Two thousand two hundred ninety-five pounds of carp, 2,241 pounds of buffalo three to eight pounds, 17,150 pounds of shad; 309 crappie, 16 bass, 15 catfish and 38 sunfish, and about 25 dogfish. The game fish were returned to their native waters.

"The above program had the interest of fishermen in that part of the territory and has made for a lot of goodwill towards the State Conservation Commission.

Coarse Fish Taken During Seining
Operations in Louisa and Muscatine
Counties, 1938

Buffalo	3,730	lbs.
Carp	5,115	"
Shad	29,700	"
Small carp & Buffalo	1,200	"
	<u>39,745</u>	"

These fish were not sold

Recapitulation of Game Fish Taken
in Seines during above Operations
and Returned to the Waters Seined

Crappie	338
Bass	35
Catfish	29
Pike	3
Sunfish	38
Dogfish	25

RUSH LAKE
Palo Alto County

Rush Lake north of Laurens, Palo Alto County, was seined from October 1 to November 8. A maximum of 2500 feet of seine was used. The wings of the seine has a 2-inch bar measure and were eight feet deep. A 600-foot bag, with 1 1/4-inch bar measure net, was used.

A total of 21 hauls were made in the lake using, in addition to the seine, 4,000 feet of rope in each haul.

The total number of perch and bullheads estimated caught in the 21 hauls was about 4,000 perch, averaging seven to ten inches long and between four and five thousand bullheads all of adult size. It is understood, of course, that most of the smaller perch and bullheads were able to sift through the two-inch bag. However, there were not many small bullheads noticed. We observed large numbers of small perch in the lake.

The largest numbers of game fish taken in the hauls were in the west end of the lake near the public highway. It was estimated that approximately 500 bullheads were taken in each of these hauls.

Five seine hauls would cover the entire lake so we would estimate that the lake was thoroughly covered at least four times.

Seventy-three thousand and five hundred forty pounds of buffalo and 49,698 pounds of carp were taken which were sold and 31,125 pounds of small carp and buffalo were given away.

While there are unquestionably some coarse fish still remaining in the lake I am of the opinion their populations are at a minimum at this time and I would recommend the lake be seined again in about two years.

The buffalo were in excellent condition but the carp were very poor and emaciated and had practically no sale value.

Case Fish Taken During Above Operations and Returned to the Lake

Carp	4,000
Buffaloes	4,000 to 5,000

Coarse Fish Taken During Seining Operations in Rush Lake, Palo Alto County, 1938

Buffalo	73,540 lbs.
Carp	49,698 "
	<hr/>
	123,238 lbs.
Given away	31,125 "

Game Fish Taken During Above Operations and Returned to the Lake

Perch	4,000
Bullheads	4,000 to 5,000

LAKE MANAWA
Pottawattamie County

Lake Manawa, located immediately south of Council Bluffs in Pottawattamie County, has a large number of coarse fish.

On September 22 one of my crews was sent there and a haul was made on September 25. It was found impossible to seine this lake, however, since the dredging operations had torn up the bottom of the lake in such a manner that it was impossible to use a linear seine. The bottom is very uneven and there are large ridges and ditches over the entire bottom. It has a depth running from six to 25 feet.

The area which had not been dredged had grown up with rushes, willows and other shrubs and trees which made seining entirely impossible. It will not be possible to operate a linear or drag seine in this lake until the willows have decayed or are destroyed.

A test haul was made at the swimming beach using 1,000 feet of linear seine 12 feet deep, having a 1 1/4-inch bar measure. While it was evident this was not the ideal place to take commercial species of fish it was the only place on the lake where a linear seine could be used.

Twenty-five crappie from four to six inches long, two large-mouth bass, 25 bullheads, six bluegill, 25 buffalo, and approximately 100 pounds of carp were taken in addition to approximately 200 pounds of gizzard shad.

The carp showed evidence of extreme starvation while the buffalo were in fair condition. The lake is very heavily infested with gizzard shad of all sizes. There were tremendous numbers of fingerling shad hatching earlier in the season. We observed thousands of pounds of very small, thin carp in the lake.

I would recommend going into the area next spring when the ice goes out, with a series of pound nets which is the only way we can hope to eliminate the obnoxious fish.

Game Fish Taken in Seines During Above Operations and Returned to the Lake

Crappie	25
Large-mouth bass	2
Bullheads	15
Sauger	5

BROWNS LAKE
Woodbury County

The small carp which were given away and destroyed averaged 27 to the pound. The

Browns Lake, which is located near Salix, Woodbury County, was seined with a linear net 1500 feet long, 12 feet deep and having a bar measure of 1 1/2-inches. A 200-foot bag 16 feet deep, having a bar measure of 3/4-inches, was used in the last six hauls after the larger fish had been removed. Thirteen hauls were made.

There were practically no game fish taken in any of the hauls, except bullheads and sheepshead. There were approximately 150 bullheads running in length from seven to eight inches in each of the hauls.

In addition to this there was a total of 14 paddlefish, ranging in size from 10 to 13 inches; 12 crappies from six to eight inches; and two adult large-mouth bass caught in the seining operations. There were large numbers of small bullheads and sheepshead taken in each of the hauls when the 3/4-inch bag was toward the end of the operations.

There was a total of 3,722 pounds of carp and buffalo sold and 62,075 pounds of small buffalo and carp given away and destroyed.

The buffalo sold run in size from 2 1/2 to six pounds in weight and the carp from two to three and one-half pounds. The were in an extremely emaciated condition indicating severe stages of starvation. Approximately 80% of the fish taken were carp and 20% buffalo.

21

WAPSIPINICON RIVER
Buchanan County

The river was high all during seining operations and most of the Independence dam. This area was seined during the latter part of September and forepart of October.

Linear nets ranging from 600 feet to 2,000 feet with a bar measure of 2 1/2-inches and a 200-foot bag having a 2-inch bar measure was used.

In three of the hauls, which were made southeast of the Rock Island Railroad bridge, they averaged 1,000 pounds of Jumbo buffalo and 200 pounds of #1 carp, in addition to 75 large crappie, 40 wall-eyed which which would average approximately two pounds, six adult large-mouth bass, 150 catfish and 2,000 pounds of quillback averaging approximately 2 1/2 pounds each.

Two hauls were made northeast of the Illinois Central Railroad bridge in which 500 pounds of Jumbo and 500 pounds of #1 carp and 100 pounds of quillback were removed and a total of 20 wall-eyed pike, 50 catfish, and 30 crappie were returned to the river.

The balance of fish shown in the recapitulation were taken above the Illinois Central Railroad bridge.

The most amazing of all the hauls was one which was made north of the Rock Island Railroad bridge in which we took over 5,000 pounds of channel catfish of legal size, ranging up to 10 pounds.

27

Coarse Fish Taken During Seining Operations
in the Wapsipinicon River, Buchanan
County, 1938

Buffalo	4,940	lbs.
Carp	1,937	"
Quillback	645	"
	<hr/>	
	7,522	"
Given away	8 ¹⁰ ,250	"

Game Fish Taken in Seines during above
Operations and Returned to the River

Crappie	255
Wall-eyed Pike	140
Large-mouth bass	18
Catfish	500

Date October 8, 1935

Name of
Lake or Stream

Maquoketa River

County Delaware

W. J. Koop

Making Report

Weather Fair

Air Temp. _____

Length of Web _____

MAQUOKETA RIVER, MANCHESTER

Location of Head Delaware County

Estimated area seined (acres) _____

Average depth in area seined _____

Vegetation Two test hauls were made between the upper and lower dams

near the city of Manchester. Both hauls were made at the time
the rivers were extremely high and with practically no results.

I am of the opinion, however, this river can not be seined

Kind of Fish successfully at any time since there are too many obstructions,

such as rocks, stumps, etc., in the stream.

Crappie Two thousand pounds of quillback were taken in the hauls

and four large catfish, one small-mouth bass, and four crappie.

Quillback The game fish were returned to the stream and the quillback
were given away.

I would recommend that pound nets be used in this area
early in the spring or in the fall.

Pounds

Pounds

Pounds

Given away

130 lbs. Sold

HISTORY OF AREA OR ABOVE AREA

Number fishing _____

What catches _____

Suggested improvement, if any _____

If a lake, are young fish present? are abundant

Kind _____

FISH CENSUS REPORT

F:38-24

Date October 11, 1938
 Name of Lake or Stream Maquoketa River
 County Delaware
O. J. Koch Making Report

Weather Fair Air Temp. _____ Water Temp. _____
 Length of Web 800 ft. Depth _____ Mesh Size _____
 Location of Haul Above old mill dam-Manc Number of Hauls One
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		15				
Carp			40			
Gar						
Quillback						
There are a number of carp in this area above the dam, but due to a large amount of stumps it's impossible to take them with a seine.						
Pounds Given away	55	Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

CEDAR RIVER, WATERLOO
Black Hawk County

Two hauls were made in the Cedar River at Waterloo, Black Hawk County, which proved more or less unsuccessful so seining operations were discontinued. Most of the fish taken were small carp and quillback which had no market value and which were given to volunteer laborers and relief organizations.

Coarse Fish Taken During Above
Seining Operations
1938

Buffalo	26 lbs.
Carp	<u>6 "</u>
	32 "
Given away	2,500 "

FISH CENSUS REPORT

F:38-24

Date November 1, 1938

Name of
County Linn Lake or Stream Wapsipinicon River

S. J. Koch Making Report

Weather Fair Air Temp. _____ Water Temp. _____

Length of net _____ WAPSIPINICON RIVER, CENTRAL CITY

Location of haul Above dam in Linn County Number of hauls _____

Estimated area seined (acres) _____

Average depth in area seined _____

Vegetation _____ A few hauls were made on the Wapsipinicon River in the im-

mediate vicinity of Central City by the same crew which later worked at Cedar Rapids and Iowa City. Approximately 200 feet

of seine was used in these operations. 3 : Game :
Kind of : 5 - 7 : 5 - 2 : 2 pounds : Fish : Total

The following is the recapitulation of the commercial

species which were sold as well as the number of commercial

species, of which approximately two-thirds were buffalo and

one-third carp, which were given to volunteer laborers and re-

lief organizations: 2,000

S. M. Bass	Buffalo	2,555 lbs.	2
	Carp	1,019 "	3
L. M. Bass		3,574 "	3

Catfish	Given away	4,285 "	3
---------	------------	---------	---

Bullheads Game fish taken during these operations, which were re-

turned to the river, are as follows: 16

Black Crappie	S. M. Bass	7	8
	L. M. Bass	11	
W. Crappie	Catfish	15	35

Pounds	Bullheads	2
Given away 2,600	S. Sunfish	41
	Bluegill	2
	B. Crappie	16
	W. Crappie	15
	Suckers	16

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date November 1, 1938

County Linn Name of Lake or Stream Wapsipinicon River

O. J. Koch Making Report

Weather Fair Air Temp. _____ Water Temp. _____
 Length of Web _____ Depth _____ Mesh Size _____
 Location of Haul Above dam-Central City Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		460	45	300		
Carp			220	779		
Gar						
Quillback				2,000		
S. M. Bass					2	
L. M. Bass					3	
Catfish					3	
Bullheads					1	
Sunfish					15	
Black Crappie					8	
W. Crappie					35	
Pounds Given away	2,600	Pounds Sold	441	Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date November 2, 1938

County Linn Name of Lake or Stream Wapsipinicon River

O. J. Koch Making Report

Weather Fair Air Temp. _____ Water Temp. _____
 Length of Web _____ Depth _____ Mesh Size _____
 Location of Haul Above dam-Central City Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		320	30			
Carp			140	265		
Gar						
Quillback				300		
S. M. Bass					2	
L. M. Bass					3	
Catfish					3	
Sunfish					5	
B. Crappie					2	
W. Crappie					15	
Pounds Given away	325	Pounds Sold	500	Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date November 3, 1938

County Linn Name of Lake or Stream Wapsipinicon River

O. J. Koch Making Report

Weather Rainy Air Temp. _____ Water Temp. _____
 Length of Web _____ Depth _____ Mesh Size _____
 Location of Haul Above dam--Central City Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		150	25			
Carp			90	175		
Gar						
Quillback				150		
L. M. Bass					1	
Suckers					4	
Sunfish					3	
W. Crappie					10	
Pounds Given away	300	Pounds Sold	281	Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date November 5, 1938

Name of
County Linn Lake or Stream Wapsipinicon River

Making Report
O. J. Koch

* * * * *

Weather Fair Air Temp. _____ Water Temp. _____
 Length of Web _____ Depth _____ Mesh Size _____
 Location of Haul Above dam--Central City Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

* * * * *

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		320	30	50		
Carp			110	355		
Gar						
Quillback				200		
L. M. Bass					2	
Catfish					2	
Bullheads					1	
Suckers					10	
Sunfish					8	
B. Crappie					4	
W. Crappie					20	
Pounds Given away	275 lbs	Pounds Sold	450 lbs	Pounds Buried		

* * * * *

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

287

Date November 8, 1938
 Name of Lake or Stream Wapsipinicon River
 County Linn
O. J. Koch Making Report

Weather Cloudy Air Temp. _____ Water Temp. _____
 Length of Web _____ Depth _____ Mesh Size _____
 Location of Haul Above Dam--Central City Number of Hauls _____
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		230	10	15		
Carp			60	155		
Gar						
Quillback				400		
S. M. Bass					2	
L. M. Bass					1	
Catfish					4	
Sunfish					6	
W. Crappie					15	
Pounds Given away		Pounds Sold		Pounds Buried		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

Date November 9, 1938

County Linn Name of Lake or Stream Wapsipinicon River

O. J. Koch

Making Report

Weather Fair Air Temp. Water Temp. Length of Web Depth Mesh Size Location of Haul Above dam--Central City Number of Hauls Estimated area seined (acres) Average depth in area seined Vegetation in Area: Abundant Scarce None

Fish Taken (State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, L. M. Bass, Catfish, Suckers, Blue gills, B. Crappie, W. Crappie, Pounds Given away (495), Pounds Sold (148), Pounds Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing What success

Suggested improvement, if any

If a lake, are young fish present? How abundant?

Kind

FISH CENSUS REPORT

F:38-24

Date November 10, 1938

County Linn Name of Lake or Stream Wapsipinicon River

O. J. Koch

Making Report

Weather Air Temp. Water Temp. Length of Web Depth Mesh Size Location of Haul Number of Hauls Estimated area seined (acres) Average depth in area seined Vegetation in Area: Abundant Scarce None

Fish Taken (State Number)

Table with columns: Kind of Fish, Jumbo (over 7 pounds), 1 (5-7 pounds), 2 (5-2 pounds), 3 (2 pounds or less), Game Fish (Number), Total. Rows include Buffalo, Carp, Gar, Quillback, and summary rows for Pounds Given away, Sold (780), and Buried.

HISTORY OF AREA ON ABOVE DATE

Number fishing What success

Suggested improvement, if any

If a lake, are young fish present? How abundant?

Kind

Date October 19 to 21

Name of

County Johnson

Lake or Stream Iowa River

C. J. Koch

Making Report

CEDAR RIVER, PALISADES, Linn County

Weather Fair

Length of Web 500 IOWA RIVER, IOWA CITY, Johnson County 2"

Location of Haul Above dam-Iowa City Number of Hauls

Estimated area seined (acres)

Average depth of area seined
Vegetation in Area: Abundant Scarce None

Linn County and to the Iowa River at Iowa City in Johnson

County, this fall for open water commercial fish removal. At

the time they arrived, however, the water was extremely high

and they were unable to take any fish to speak of. These areas

can be successfully seined only during normal water levels.

I would recommend that next spring we try pound nets ex-

perimentall on these areas as well as many others. I am sure

considerable success will attend our efforts.

The following coarse fish were taken during the seining

operations:

Apparently no fish in this area

Buffalo 117 lbs.

Carp 20 "

137 "

Given away 800 "

Pounds Given away

Pounds Sold 125

Pounds Buried 700

HISTORY OF AREA ON ABOVE DATE

Number fishing What success

Suggested improvement, if any

If a lake, are young fish present? How abundant?

Kind

FISH CENSUS REPORT

F:38-24

Date October 19 to 21

County Johnston Name of Lake or Stream Iowa River

O. J. Koch

Making Report

Weather Fair Air Temp. _____ Water Temp. _____
Length of Web 600 ft. Depth _____ Mesh Size 2"
Location of Haul Above dam--Iowa City Number of Hauls _____
Estimated area seined (acres) _____
Average depth in area seined _____
Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo		40	65			
Carp			20			
Gar						
Quillback				700		
Apparently no fish in this area						
Pounds Given away	Pounds Sold	125	Pounds Buried	700		

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

FISH CENSUS REPORT

F:38-24

263

Date October 22 and 23

Name of

Lake or Stream Iowa River

County Johnston

O. J. Koch

Making Report

Weather Fair Air Temp. _____ Water Temp. _____
 Length of Web 800 ft. Depth _____ Mesh Size 2"
 Location of Haul Above Corralville Dam Number of Hauls 4
 Estimated area seined (acres) _____
 Average depth in area seined _____
 Vegetation in Area: Abundant _____ Scarce _____ None _____

Fish Taken
(State Number)

Kind of Fish	Jumbo (over 7 pounds)	1 (5 - 7 pounds)	2 (5 - 2 pounds)	3 (2 pounds or less)	Game Fish (Number)	Total
Buffalo			12			
Carp						
Gar						
Quillback				100		
Apparently no fish in this area						
Pounds Given away		Pounds Sold	12	Pounds Buried		100

HISTORY OF AREA ON ABOVE DATE

Number fishing _____ What success _____

Suggested improvement, if any _____

If a lake, are young fish present? _____ How abundant? _____

Kind _____

CEDAR RIVER, CEDAR RAPIDS
Linn County

The following recapitulation of coarse fish taken from the Cedar River in the vicinity of Cedar Rapids concludes the 1937 program. The work here was started in December of 1937 but was not concluded until after January 1, 1938 so could not be included in the Annual Report for 1938.

Buffalo	12,557 lbs.
Carp	9,432 "
Quillback	12,062 "
	<hr/>
	34,051 "
Given away	6,000 "

The 1938 coarse removal program for the Cedar River at Cedar Rapids was started on November 15 and continued after the first of the year. In view of the fact the remittances and reports on this work were not received in the office until after January 1, 1939, this data will be included in the 1939 report.

ROCK RIVER, ROCK RAPIDS
Lyon County

Several hauls were made above the dam at Rock Rapids in the Rock River, Lyon County, in September.

Approximately 1,500 pounds, in the aggregate, of carp, buffalo and quillback were taken from the area. All of these fish were given to local people for their assistance in making the hauls to remove them.

A small number of channel catfish and small-mouth bass and crappie were taken in the hauls.

The river bed is covered with brush, stumps, etc. so that seining is extremely difficult. I would recommend the use of pound nets in this area.

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