

DEPARTMENT OF NATURAL RESOURCES
LAKE SURVEY

FIELD # SCH

DATE 3-1-76

TIME 11:10

LAKE SCHOOL SECTION LAKE COUNTY WAUPACA TN 24 R 13E SEC. 16

SAMPLE LOCATION DEEPEST AREA

WIND DIR. & INTEN. N 10-20

SAMPLE TYPE _____

CLOUD COVER HEAVY

SAMPLE VOLUME _____

WATER SURF. COND. ICE

CHLORO. a _____

TURBIDITY 1.3 JTD

BIOMASS _____

SAMPLE DEPTH 1 METER

PRESERVATIVE/CONC. _____

FIELD REMARKS:

PRIMARY STATION # 693025

LAB DATA

TOT. ALKALINITY (Ca CO₃) 200

TOT. - P _____ . 047

HARDNESS (AS Ca CO₃) 216

SOL. - P _____ . 030

CHLOROPHYLL a _____

TOT. ORG. - N _____ . 77

BIOMASS - VOL SOLIDS _____

AMMONIA - N _____ . 10

Ca 46.

NO₂-N+NO₃-N _____ . 44

Mg 23.

K _____ . 3

Na 3.

SO₄ _____ . 9

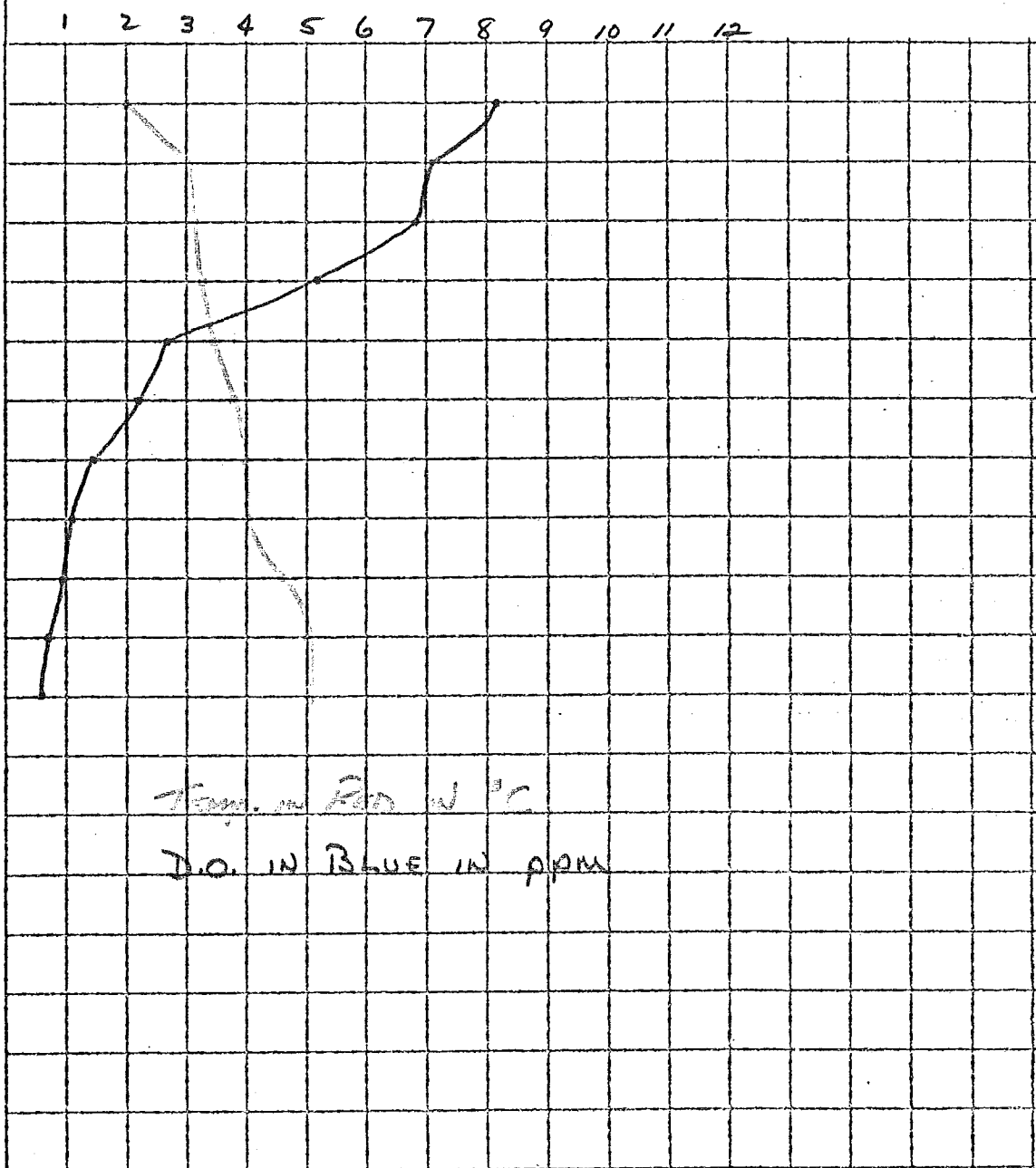
Cl⁻ _____ . 2

COLLECTED BY DRH , KFH

DEPTH	TEMP.	O ₂
		8.2
1	2.0	8.2
2	3.0	7.2
3	3.1	6.8
4	3.2	5.2
5	3.4	2.7
6	3.8	2.2
7	4.0	1.5
8	4.0	1.1
9	4.6	0.9
10	5.0	0.7
11	5.0	0.65

DEPTH IN METERS

OXYGEN, TEMPERATURE



FIELD DATA

CONDUCTIVITY 355

DEPTH _____

pH 7.4

DEPTH 1 meter

SECCHI DISK _____

MAXIMUM DEPTH _____

38 FEET

COLLECTION DATE _____

3-1-76

LOCATION 693025 DATE 760301 TIME 1110 DEPTH M001 LAB-SLIP-# 057315 END-DATE END-TIME SCHOOL SECTION LAKE

TEST-# STORET-# TEST--NAME--AND--UNITS TEST-VALUE

EXTRA INFORMATION ABOUT SAMPLE: HELF
EXTRA INFORMATION ABOUT SAMPLE: SCH

131	00010	WATER	TEMP	CENT	2.0
091	00300	DO		MG/L	8.2
096	00400	PH		SU	7.4
032	00916	CALCIUM	CA-TOT	MG/L	46
076	00927	MGNSIUM	MG,TOT	MG/L	23
101	00937	PTSSSIUM	K,TOT	MG/L	3
113	00929	SODIUM	NA,TOT	MG/L	3
116	00945	SULFATE	SO4-TOT	MG/L	9
097	00403	LAB	PH	SU	7.8
100	00665	PHOS-TOT		MG/L P	.047
136	00671	PHOS-DIS	ORTHO	MG/L P	.030
086	00605	ORG N	N	MG/L	.77
086	00610	NH3-N	TOTAL	MG/L	.10
085	00630	NO2&NO3	N-TOTAL	MG/L	.44
002	00410	T ALK	CAC03	MG/L	200
035	00940	CHLORIDE	CL	MG/L	2
114	00095	CNDUCTIVY	AT 25C	MICROMHO	355
068	00900	TOT HARD	CAC03	MG/L	216
119	00076	TURB	TRBIDMTR	HACH FTU	1.3

Collected By HELF Field No. 112 Sta. Est. Form Required Yes No

Sample Description SCHOOL SECTION LAKE - DEEPEST AREA
(LAKE SURVEY)

BOD Estimate _____ MFFCC Estimate _____

Send Report To: Department of Natural Resources
P. O. Box 3600
Green Bay, Wisconsin 54303

025	BOD-5 Tot.				
134	MFFCC*				
097	pH (su) Lab.				7.4
136	Tot. Solids				
107	Vol. Tot. Solids				
105	Susp. Solids				
109	Vol. Susp. Solids				
100	Tot.-P				.047
135	Sol.-P				.030
088	Tot. Org-N				.77
035	Ammonia-N				.10
055	NO ₂ - N + NO ₃ - N				.44
002	Tot. Alkalinity (as CaCO ₃)				200
035	Chlorides				2
043	Color (su)				
114	Conductivity (umhos)				355
068	Hardness (as CaCO ₃)				216
119	Turbidity (JTU)				1.3

Shaded Areas for Lab Use Only

Primary Sta. No. 081440

Collection Date 760301
Y M D

Time (24 Hr. Clock) 11:10

Depth of Sample O-Surface M
F or M

131 Temp (°C) Field 2.0

031 DO Field 8.2

096 pH (su) Field 7.4

126 Flow cfs _____

122 Secchi Depth (Meters) _____

133 Cloud Cover _____

032 Calcium 46

076 Magnesium 23

101 Potassium 3

113 Sodium 3

116 Sulfates 9

Date Received MAR 27 1976

Lab. No. 57315

Date Reported MAR 17 1976

S. L. Inghorn, M.D., Director
Wisconsin State Laboratory of Hygiene
Madison, Wisconsin 53706

All analyses reported in mg/l unless otherwise specified.
Samples for both water chemistry and water bacteriology should be submitted in separate bottles.

DEPARTMENT OF NATURAL RESOURCES
LAKE SURVEY

FIELD # SCH

DATE 5-11-76

TIME 10:40

LAKE SCHOOL SECTION LAKE COUNTY WAUPACA TN 24N R 13E SEC. 16

SAMPLE LOCATION DEEPEST AREA

WIND DIR. & INTEN. WSW MODERATE (var.) SAMPLE TYPE KEMMER

CLOUD COVER SUNNY SAMPLE VOLUME _____

WATER SURF. COND. 0-6" CHLORO. a _____

TURBIDITY 2.2 BIOMASS _____

SAMPLE DEPTH 5 METERS PRESERVATIVE/CONC. _____

FIELD REMARKS:

LAB DATA

TOT. ALKALINITY (Ca CO₃) 176

HARDNESS (AS Ca CO₃) 194

CHLOROPHYLL a _____

BIOMASS - VOL SOLIDS _____

Ca 43

Mg 21

Na 3

TOT. - P _____ . 044

SOL. - P _____ . 005

TOT. ORG. - N _____ . 11

AMMONIA - N _____ . 06

NO₂-N+NO₃-N _____ . 02

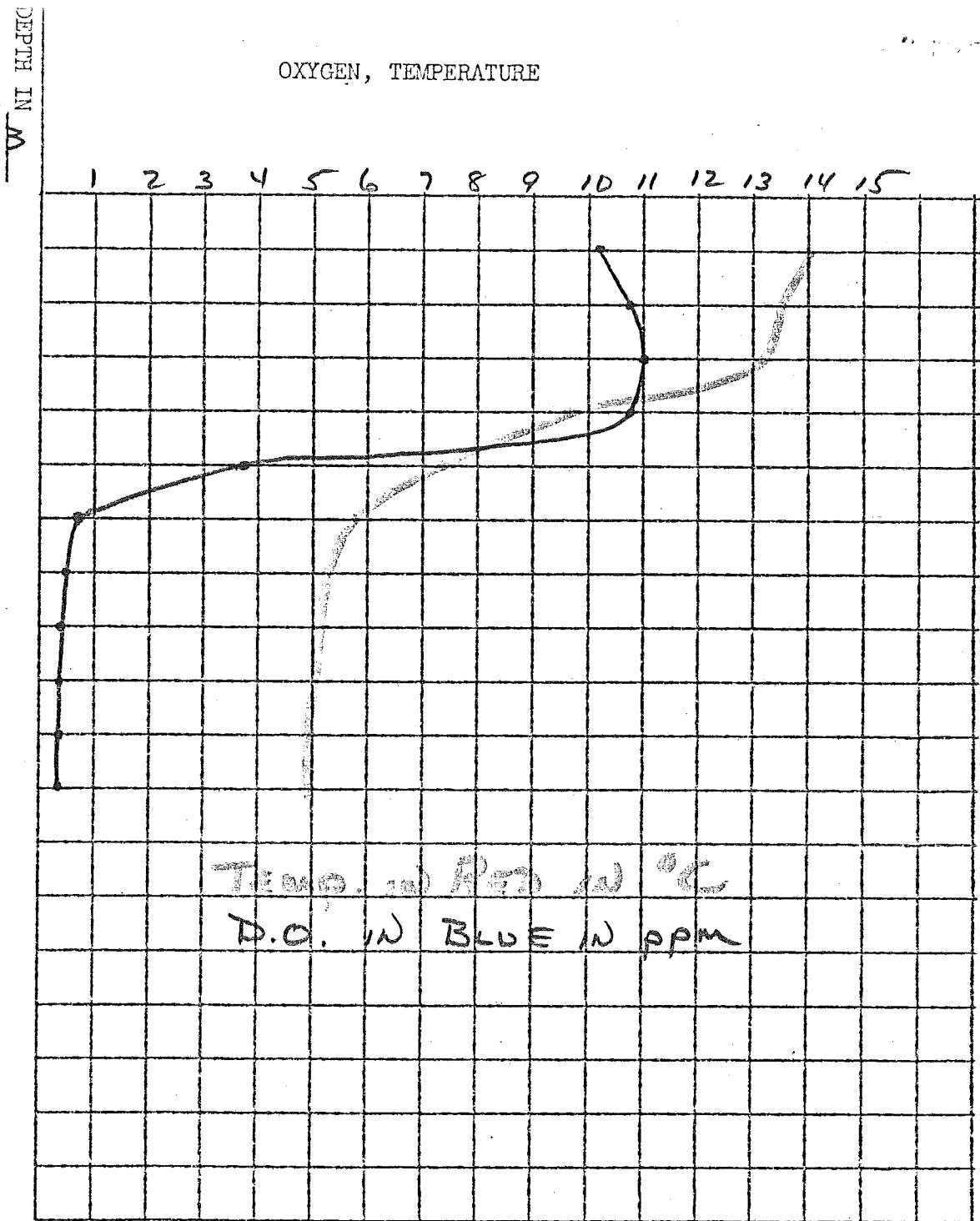
K _____ . 29

SO₄ _____ . 14

Cl⁻ _____ . 21

COLLECTED BY DRH, KFH

DEPTH	TEMP.	O ₂
1	14	10.2
2	13.5	10.8
3	11.3	11.0
4	9.7	10.7
5	7.4	3.8
6	5.8	0.7
7	5.3	0.5
8	5.1	0.45
9	5.0	0.4
10	4.9	0.4
11	4.9	0.4
12		
13		



FIELD DATA

CONDUCTIVITY _____

pH 7.7

SECCHI DISK _____

MAXIMUM DEPTH _____

COLLECTION DATE _____

DEPTH 5 METERS

DEPTH _____

1/4 METERS

38 FEET

5-11-76

Department of Natural Resources SURFACE WATER CHEMISTRY & BACTERIOLOGY
FORM 3200-35

Collected By 999 HELF Field No. SCM Basin No. 112 Sta. Est. Form Required Yes No

Sample Description SCHOOL SECTION LAKE - DEEPEST AREA (LAKE SURVEY)

BOD Estimate _____ MFFCC Estimate _____

Send Report To: Name Department of Natural Resources
Address P. O. Box 3600
City, State, Zip Code Green Bay, Wisconsin 54303

Shaded Areas for Lab Use Only	<u>081440</u>	<input type="checkbox"/> 020 BOD-5 Tot.	_____
Primary Sta. No.	<u>690301</u>	<input type="checkbox"/> 134 MFFCC*	_____
Collection Date	<u>760511</u> Y Y M M D D	<input checked="" type="checkbox"/> 097 pH (su) Lab.	<u>8.4</u>
Time (24 Hr. Clock)	<u>10:40</u>	<input type="checkbox"/> 130 Tot. Solids	_____
Depth of Sample O-Surface	<u>M</u> <u>5</u> F or M	<input type="checkbox"/> 107 Vol. Tot. Solids	_____
131 Temp (°C) Field	<u>7.4</u>	<input checked="" type="checkbox"/> 100 Tot.-P	<u>.01</u>
091 DO Field	<u>3.8</u>	<input checked="" type="checkbox"/> 136 Sol.-P	<u>.00</u>
000 pH (su) Field	<u>7.7</u>	<input checked="" type="checkbox"/> 009 Tot. Org-N	<u>1.1</u>
128 Flow cfs	_____	<input checked="" type="checkbox"/> 006 Ammonia-N	<u>.06</u>
132 Secchi Depth (Meters)	<u>1.25</u>	<input checked="" type="checkbox"/> 085 NO ₂ - N + NO ₃ - N	<u><.02</u>
133 Cloud Cover	_____	<input checked="" type="checkbox"/> 002 Tot. Alkalinity (as CaCO ₃)	<u>176</u>
<input checked="" type="checkbox"/> 032 Calcium	<u>4.3</u>	<input checked="" type="checkbox"/> 035 Chlorides	<u><1</u>
<input checked="" type="checkbox"/> 070 Magnesium	<u>2.1</u>	<input type="checkbox"/> 043 Color (su)	_____
<input checked="" type="checkbox"/> 101 Potassium	<u>2.9</u>	<input checked="" type="checkbox"/> 114 Conductivity (µmhos)	<u>344</u>
<input checked="" type="checkbox"/> 113 Sodium	<u>3</u>	<input checked="" type="checkbox"/> 008 Hardness (as CaCO ₃)	<u>191</u>
<input checked="" type="checkbox"/> 116 Sulfates	<u>14</u>	<input checked="" type="checkbox"/> 119 Turbidity (JTU)	<u>2.2</u>
<input type="checkbox"/>	_____	<input type="checkbox"/>	_____
<input type="checkbox"/>	_____	<input type="checkbox"/>	_____

All analyses reported in mg/l unless otherwise specified.
*Samples for both water chemistry and water bacteriology should be submitted in separate bottles.

Date Received MAY 12 1976 71724

S. L. Inhorn, M.D., Director
Wisconsin State Laboratory of Hygiene
Madison, Wisconsin 53706

Lab. No. _____
Date Reported MAY 26 1976 - 3

DEPARTMENT OF NATURAL RESOURCES
LAKE SURVEY

FIELD # 524

DATE 7-8-76

TIME 10:45

LAKE SCHOOL SECTION LAKE COUNTY WAUPACA TN 24 R 13E SEC. 16

SAMPLE LOCATION DEEPEST AREA

WIND DIR. & INTEN. _____

SAMPLE TYPE KEMMER

CLOUD COVER clear

SAMPLE VOLUME _____

WATER SURF. COND. 0-2"

CHLORO. a _____

TURBIDITY _____

BIOMASS _____

SAMPLE DEPTH 5 m

PRESERVATIVE/CONC. _____

FIELD REMARKS:

LAB DATA

TOT. ALKALINITY (Ca CO₃) 202

TOT. - P _____ . 07

HARDNESS (AS Ca CO₃) 212

SOL. - P _____ . 034

CHLOROPHYLL a _____

TOT. ORG. - N _____ . 73

BIOMASS - VOL SOLIDS _____

AMMONIA - N _____ . 17

Ca 48 . _____

NO₂-N+NO₃-N _____ . 02

Mg 22 . _____

K _____ . 3

Na 3 . _____

SO₄ _____ . 8

Cl⁻ _____ . 1

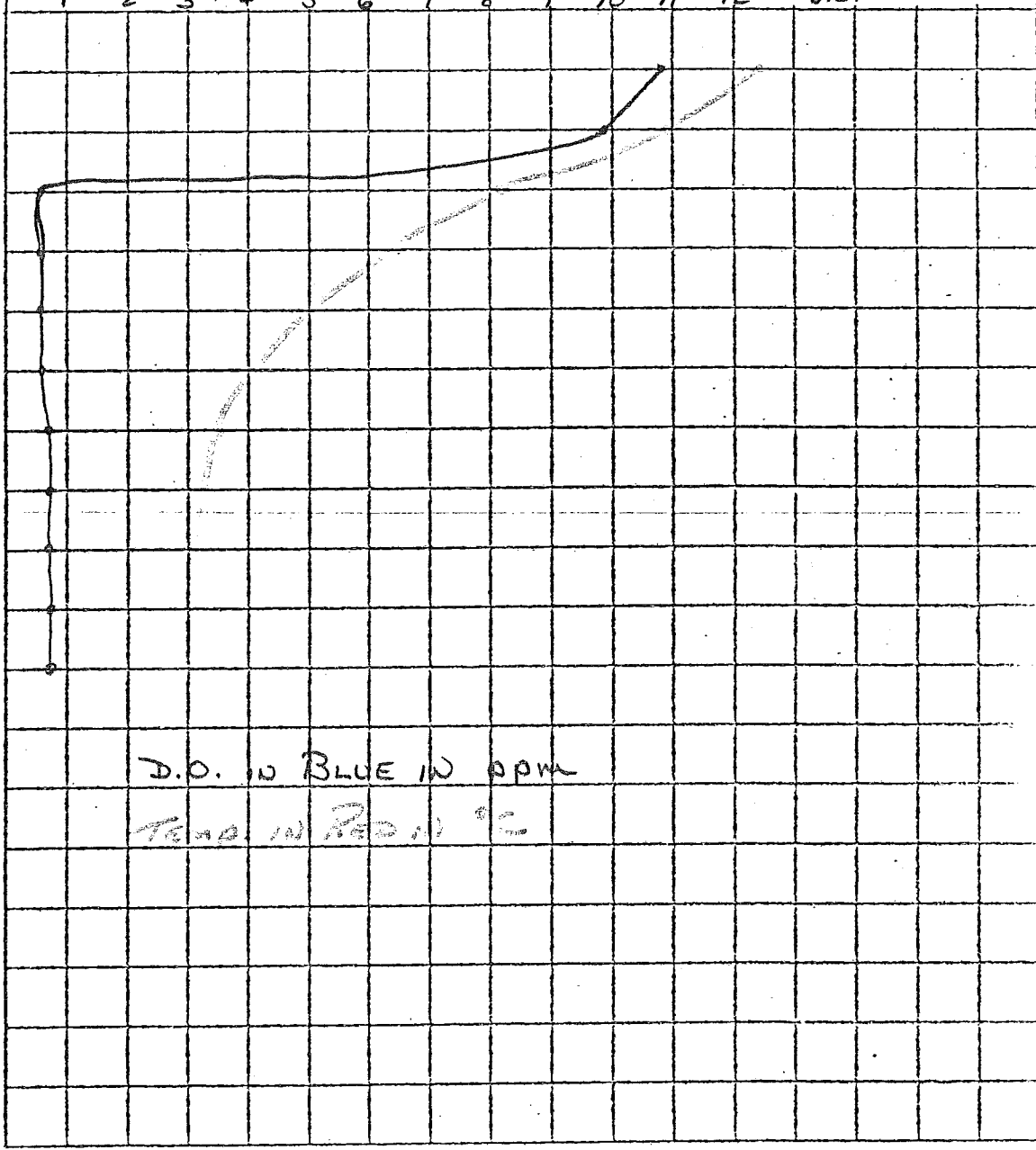
COLLECTED BY DRH, RS

OXYGEN, TEMPERATURE

DEPTH	TEMP.	O ₂
1	24.8	10.8
2	21.8	8.79.8
3	16.2	.6
4	13.0	.6
5	10.0	.6
6	8.2	.6
7	7.0	.78
8	6.6	.7
9	6.3	.7
10	6.0	.7
11	6.0	.7

DEPTH IN METERS

2 4 6 8 10 12 14 16 18 20 22 24 26 Temp.
1 2 3 4 5 6 7 8 9 10 11 12 D.O.



FIELD DATA

CONDUCTIVITY 404

DEPTH _____

pH 7.4

DEPTH _____

SECCHI DISK 1.25

MAXIMUM DEPTH _____

COLLECTION DATE _____

Department of Natural Resources SURFACE WATER CHEMISTRY & BACTERIOLOGY
FORM 3200-315

Collected By 999 <u>HELF</u> Misc. Sample Only	Field No. <u>SCH</u>	Basin No. <u>112</u>	Sta. Est. Form Required Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Sample Description SCHOOL SECTION LAKE - DEEPEST AREA
(LAKE SURVEY)

BOD Estimate _____ MFFCC Estimate _____

Send Report To:

Name	<u>Department of Natural Resources</u>
Address	<u>P. O. Box 3600</u>
City, State, Zip Code	<u>Green Bay, Wisconsin 54303</u>

Shaded Areas for Lab Use Only: <u>081440</u>	<input type="checkbox"/> 026 BOD-5 Tot.	_____
Primary Sta. No. <u>69 3025</u>	<input type="checkbox"/> 134 MFFCC*	_____
Collection Date <u>26 07 08</u> Y Y M M D D	<input checked="" type="checkbox"/> 097 pH (su) Lab.	<u>7.8</u>
Time (24 Hr. Clock) <u>11:00</u>	<input type="checkbox"/> 138 Tot. Solids	_____
Depth of Sample O-Surface <u>M</u> <u>6</u> F or M	<input type="checkbox"/> 107 Vol. Tot. Solids	_____
	<input type="checkbox"/> 103 Susp. Solids	_____
	<input type="checkbox"/> 109 Vol. Susp. Solids	_____
	<input checked="" type="checkbox"/> 100 Tot.-P	<u>.07</u>
131 Temp (°C) Field <u>8.2</u>	<input checked="" type="checkbox"/> 136 Sol.-P	<u>.034</u>
091 DO Field <u>.6</u>	<input checked="" type="checkbox"/> 088 Tot. Org-N	<u>.73</u>
006 pH (su) Field <u>7.4</u>	<input checked="" type="checkbox"/> 086 Ammonia-N	<u>.17</u>
123 Flow cfs _____	<input checked="" type="checkbox"/> 085 NO ₂ - N + NO ₃ - N	<u><.02</u>
132 Secchi Depth (Meters) <u>1.3</u>	<input checked="" type="checkbox"/> 002 Tot. Alkalinity (as CaCO ₃)	<u>222</u>
133 Cloud Cover _____	<input checked="" type="checkbox"/> 035 Chlorides	<u>1</u>
	<input type="checkbox"/> 043 Color (su)	_____
<input checked="" type="checkbox"/> 002 Calcium <u>48</u>	<input checked="" type="checkbox"/> 114 Conductivity (µmhos)	<u>404</u>
<input checked="" type="checkbox"/> 076 Magnesium <u>22</u>	<input checked="" type="checkbox"/> 068 Hardness (as CaCO ₃)	<u>212</u>
<input checked="" type="checkbox"/> 101 Potassium <u>3</u>	<input checked="" type="checkbox"/> 119 Turbidity (JTU)	<u>2.2</u>
<input checked="" type="checkbox"/> 113 Sodium <u>3</u>	<input type="checkbox"/> _____	_____
<input checked="" type="checkbox"/> 118 Sulfates <u>8</u>	<input type="checkbox"/> _____	_____
<input type="checkbox"/> _____	<input type="checkbox"/> _____	_____

All analyses reported in mg/l unless otherwise specified.
*Samples for both water chemistry and water bacteriology should be submitted in separate bottles.

S. L. Inhorn, M.D., Director
Wisconsin State Laboratory of Hygiene
Madison, Wisconsin 53706

Date Received Jul 976 01050

Lab. No. _____

Date Reported _____

DEPARTMENT OF NATURAL RESOURCES
LAKE SURVEY

FIELD # SCH

DATE 11-1-76

TIME 11 00

LAKE SCHOOL SECTION LAKE COUNTY WAUPACA TN 2 YNR 13E SEC. 16

SAMPLE LOCATION DEEPEST AREA

WIND DIR. & INTEN. LIGHT SAMPLE TYPE KEMMER

CLOUD COVER 100% SAMPLE VOLUME _____

WATER SURF. COND. _____ CHLORO. a _____

TURBIDITY _____ BIOMASS _____

SAMPLE DEPTH METERS PRESERVATIVE/CONC. _____

FIELD REMARKS:
harvested - no parking
Low sun - water calm too. Wind from sunset. Sun. 1-4 pm
 Veg. W. P. IR CEDAR, Oak *TANNED to blue*
8 cottages
Agric. surrounding
with roads

LAB DATA

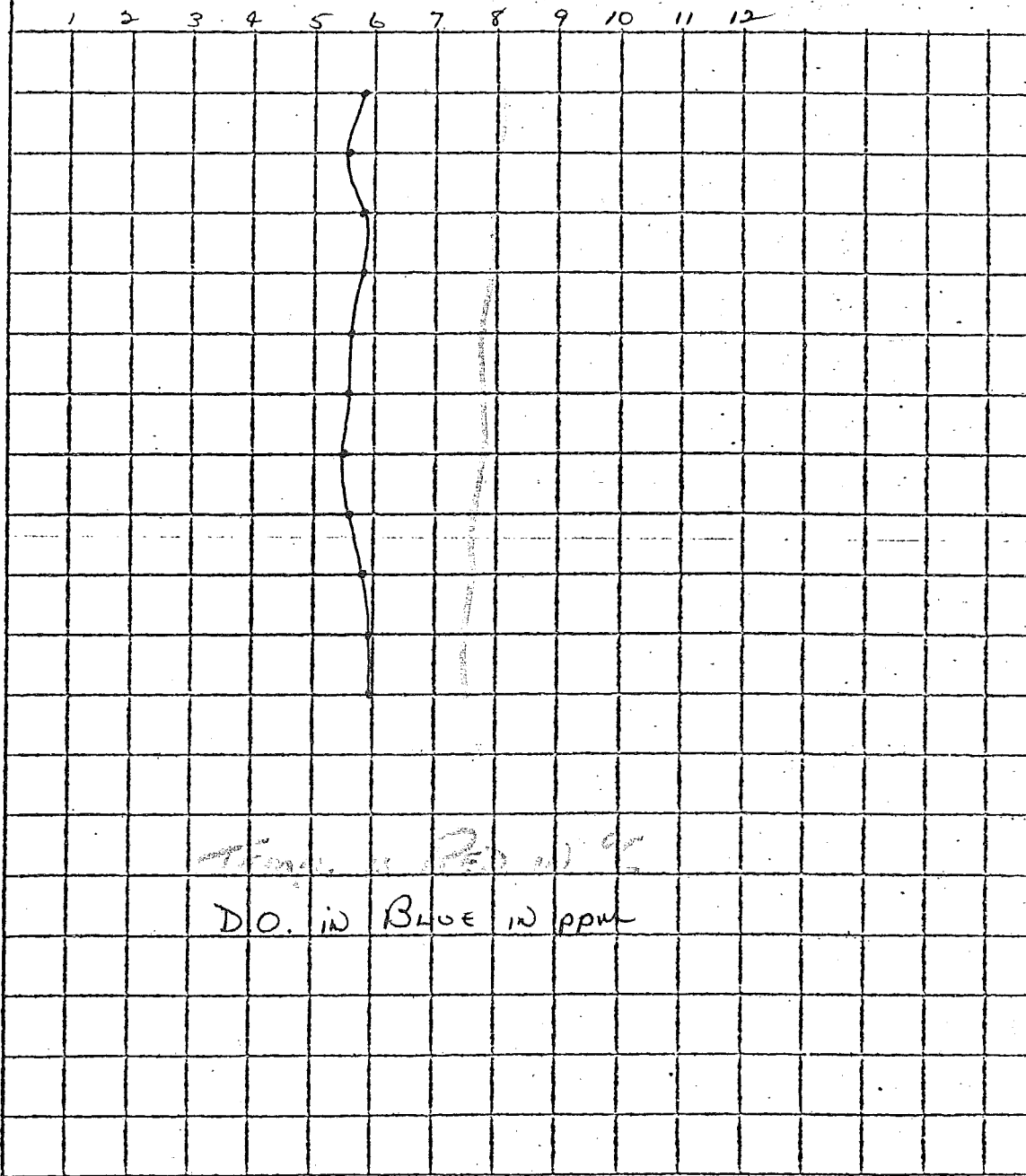
TOT. ALKALINITY (Ca CO ₃)	<u>200</u>	TOT. - P	<u>0.8</u>
HARDNESS (AS Ca CO ₃)	<u>214</u>	SOL. - P	<u>0.43</u>
CHLOROPHYLL a	_____	TOT. ORG. - N	<u>7.7</u>
BIOMASS - VOL SOLIDS	_____	AMMONIA - N	<u>3.7</u>
Ca	<u>46</u>	NO ₂ -N+NO ₃ -N	<u>0.3</u>
Mg	<u>24</u>	K	<u>3</u>
Na	<u>3</u>	SO ₄	<u>10</u>
		Cl ⁻	<u>1</u>

COLLECTED BY DRH, RAN

OXYGEN, TEMPERATURE

DEPTH	TEMP.	O ₂
1 m	8.1	5.8
2 m	8.0	5.6
3 m	7.9	5.8
4 m	7.9	5.8
5 m	7.8	5.7
6 m	7.8	5.7
7 m	7.7	5.6
8 m	7.7	5.7
9 m	7.7	5.8
10 m	7.5	5.9
11 m	7.5	5.9

DEPTH IN METERS



Temp. in $^{\circ}$ C
D.O. in BLUE in ppm

FIELD DATA

CONDUCTIVITY 361

pH

7.3
2/4

SECCHI DISK

MAXIMUM DEPTH

COLLECTION DATE

DEPTH METERS

DEPTH "

DEPTH "

38 FEET

Collected By 999 <u>HELF</u> Misc. Sample Only	Field No. <u>SCH</u>	Basin No. <u>112</u>	Sta. Est. Form Required Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Sample Description SCHOOL SECTION LAKE
(LAKE SURVEY)

BOD Estimate _____ MFFCC Estimate _____

Send Report To:

Name	Department of Natural Resources
Address	P. O. Box 3600
City, State, Zip	Green Bay, Wisconsin 54303

Shaded Areas for Lab Use Only <u>081440</u>	<input type="checkbox"/> 026 BOD-5 Tot. _____
Primary Sta. No. <u>693025</u>	<input type="checkbox"/> 134 MFFCC* _____
Collection Date <u>761101</u> Y Y M M D D	<input checked="" type="checkbox"/> 097 pH (su) Lab. <u>8.1</u>
Time (24 Hr. Clock) <u>11:00</u>	<input type="checkbox"/> 138 Tot. Solids _____
Depth of Sample O-Surface <u>M 6 m.</u> F or M	<input type="checkbox"/> 107 Vol. Tot. Solids _____
	<input type="checkbox"/> 100 Susp. Solids _____
	<input type="checkbox"/> 109 Vol. Susp. Solids _____
	<input checked="" type="checkbox"/> 100 Tot.-P <u>.08</u>
131 Temp (°C) Field <u>7.8</u>	<input checked="" type="checkbox"/> 136 Sol.-P <u>.043</u>
091 DO Field <u>5.7</u>	<input checked="" type="checkbox"/> 089 Tot. Org-N <u>.77</u>
095 pH (su) Field <u>7.3</u>	<input checked="" type="checkbox"/> 086 Ammonia-N <u>.37</u>
128 Flow cfs _____	<input checked="" type="checkbox"/> 085 NO ₂ - N + NO ₃ - N <u>.03</u>
132 Secchi Depth (Meters) <u>2.25</u>	<input checked="" type="checkbox"/> 002 Tot. Alkalinity (as CaCO ₃) <u>200</u>
133 Cloud Cover _____	<input checked="" type="checkbox"/> 035 Chlorides <u>1</u>
	<input type="checkbox"/> 043 Color (su) _____
<input checked="" type="checkbox"/> 032 Calcium <u>46</u>	<input checked="" type="checkbox"/> 114 Conductivity (µmhos) <u>367</u>
<input checked="" type="checkbox"/> 070 Magnesium <u>24</u>	<input checked="" type="checkbox"/> 068 Hardness (as CaCO ₃) <u>214</u>
<input checked="" type="checkbox"/> 101 Potassium <u>3</u>	<input checked="" type="checkbox"/> 119 Turbidity (JTU) <u>1.4</u>
<input checked="" type="checkbox"/> 113 Sodium <u>3</u>	<input type="checkbox"/> _____
<input checked="" type="checkbox"/> 116 Sulfates <u>10</u>	<input type="checkbox"/> _____
<input type="checkbox"/> _____	<input type="checkbox"/> _____

All analyses reported in mg/l unless otherwise specified.
*Samples for both water chemistry and water bacteriology should be submitted in separate bottles.

S. L. Inhorn, M.D., Director
Wisconsin State Laboratory of Hygiene
Madison, Wisconsin 53706

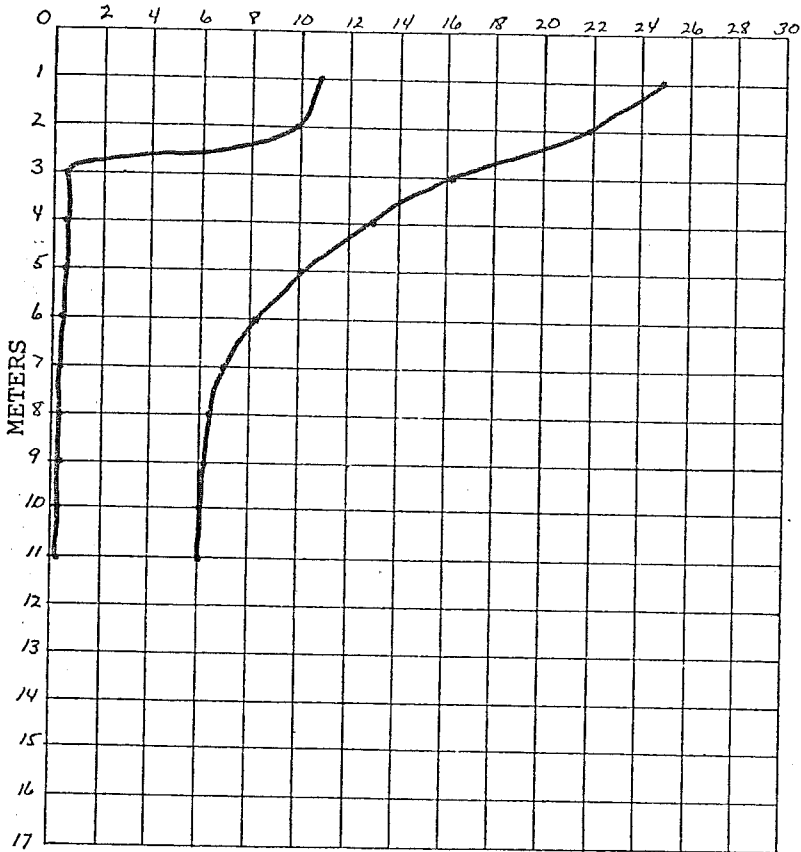
Date Received Nov 27 1976 32550

Lab. No. _____

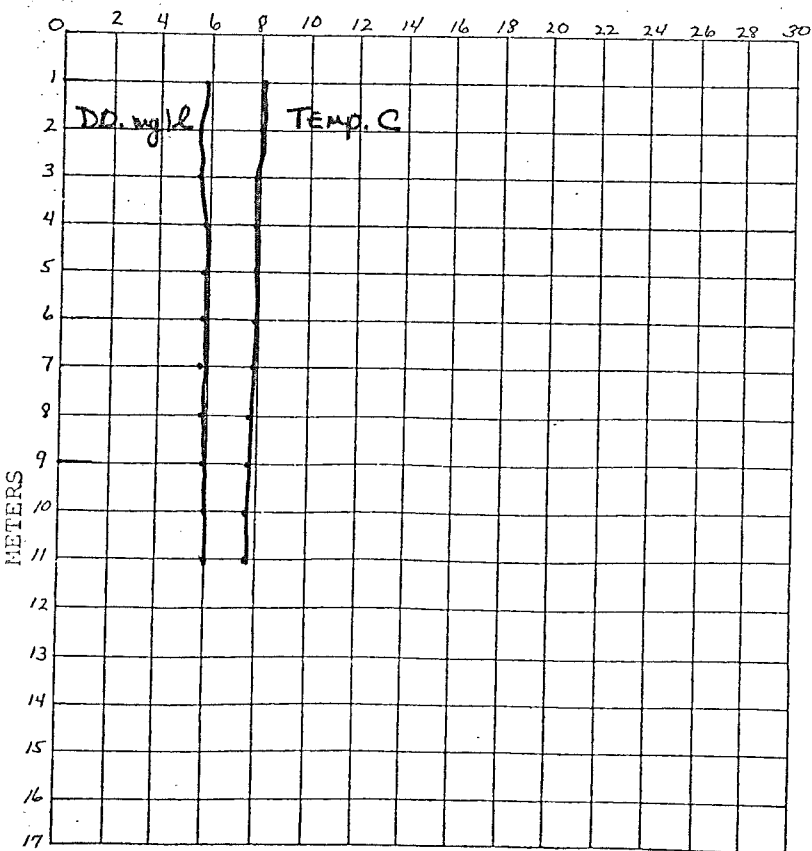
Date Reported NOV 17 1976 7

Lake Name: School Section Lake - Waupaca Co.

Conducted By Lake Michigan District Staff



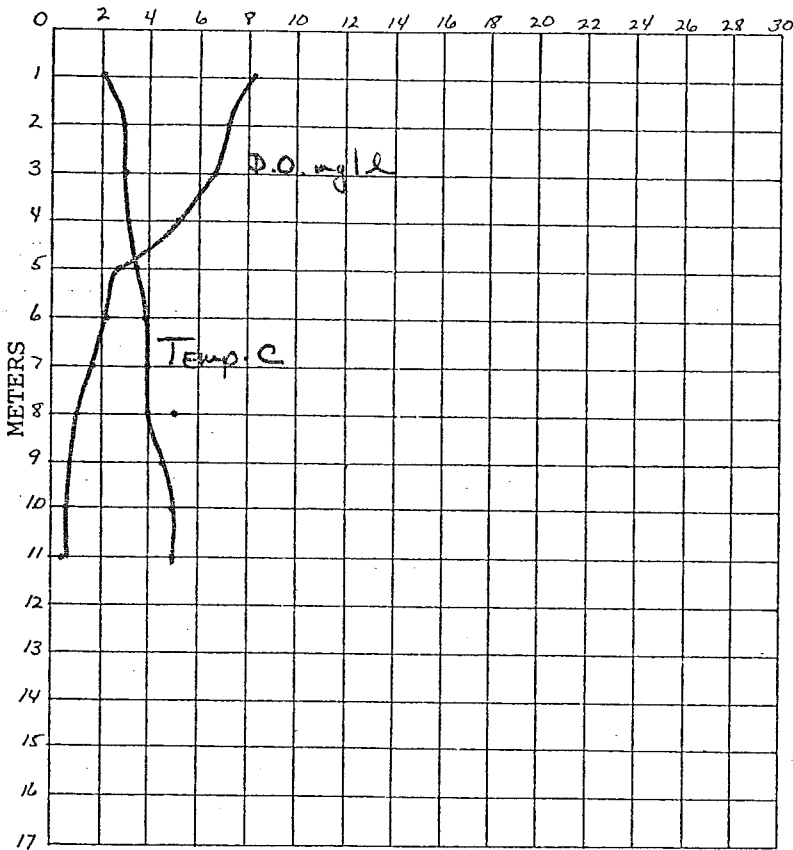
Date:	<u>7-8-76</u>
Sample Depth	<u>6 meters</u>
pH	<u>7.8 su</u>
Calcium	<u>48 mg/l</u>
Magnesium	<u>22 mg/l</u>
Potassium	<u>3 mg/l</u>
Sodium	<u>3 mg/l</u>
Chloride	<u>1 mg/l</u>
Sulfate	<u>8 mg/l</u>
Phosphorus-total	<u>.07 mg/l</u>
Phosphorus-ortho	<u>.034 mg/l</u>
Nitrogen-organic	<u>.73 mg/l</u>
NH ₃ -N	<u>.17 mg/l</u>
NO ₂ +NO ₃ -N	<u><.02 mg/l</u>
Alkalinity (as CaCO ₃)	<u>202 mg/l</u>
Conductivity	<u>404 uhmos</u>
Hardness (as CaCO ₃)	<u>212 mg/l</u>
Turbidity	<u>2.2 JTV</u>
Secchi	<u>1.25 M</u>



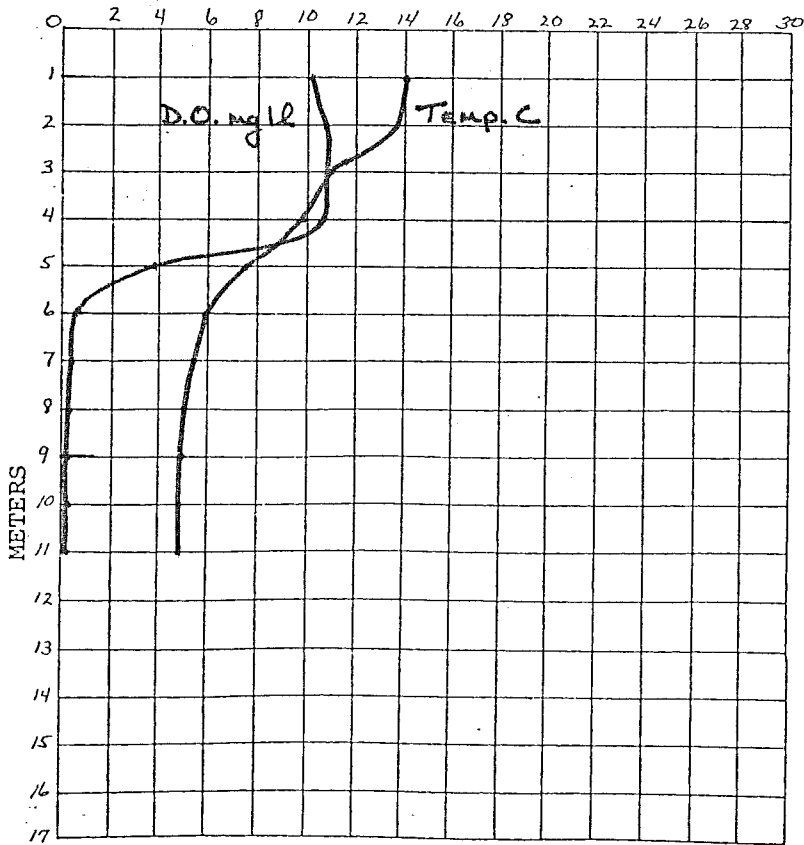
Date:	<u>11-1-76</u>
Sample Depth	<u>6 meters</u>
pH	<u>8.1 su</u>
Calcium	<u>46 mg/l</u>
Magnesium	<u>24 mg/l</u>
Potassium	<u>3 mg/l</u>
Sodium	<u>3 mg/l</u>
Chloride	<u>1 mg/l</u>
Sulfate	<u>10 mg/l</u>
Phosphorus-total	<u>.08 mg/l</u>
Phosphorus-ortho	<u>.043 mg/l</u>
Nitrogen-organic	<u>.77 mg/l</u>
NH ₃ -N	<u>.37 mg/l</u>
NO ₂ +NO ₃ -N	<u>.03 mg/l</u>
Alkalinity (as CaCO ₃)	<u>200 mg/l</u>
Conductivity	<u>361 uhmos</u>
Hardness (as CaCO ₃)	<u>214 mg/l</u>
Turbidity	<u>1.4 JTV</u>
Secchi	<u>2.25 M</u>

Lake Name: School Section - Waupaca Co.

Conducted By Lake Michigan District Staff



Date:	<u>3-1-76</u>
Sample Depth	<u>1 meters</u>
pH	<u>7.8 su</u>
Calcium	<u>46 mg/l</u>
Magnesium	<u>23 mg/l</u>
Potassium	<u>3 mg/l</u>
Sodium	<u>3 mg/l</u>
Chloride	<u>2 mg/l</u>
Sulfate	<u>9 mg/l</u>
Phosphorus-total	<u>.047 mg/l</u>
Phosphorus-ortho	<u>.030 mg/l</u>
Nitrogen-organic	<u>.77 mg/l</u>
NH ₃ -N	<u>.10 mg/l</u>
NO ₂ +NO ₃ -N	<u>.44 mg/l</u>
Alkalinity (as CaCO ₃)	<u>200 mg/l</u>
Conductivity	<u>355 uhmos</u>
Hardness (as CaCO ₃)	<u>216 mg/l</u>
Turbidity	<u>1.3 JTV</u>



Date:	<u>5-11-76</u>
Sample Depth	<u>5 meters</u>
pH	<u>8.1 su</u>
Calcium	<u>43 mg/l</u>
Magnesium	<u>21 mg/l</u>
Potassium	<u>2.9 mg/l</u>
Sodium	<u>3 mg/l</u>
Chloride	<u><1 mg/l</u>
Sulfate	<u>14 mg/l</u>
Phosphorus-total	<u>.044 mg/l</u>
Phosphorus-ortho	<u>.005 mg/l</u>
Nitrogen-organic	<u>1.1 mg/l</u>
NH ₃ -N	<u>.06 mg/l</u>
NO ₂ +NO ₃ -N	<u><.02 mg/l</u>
Alkalinity (as CaCO ₃)	<u>176 mg/l</u>
Conductivity	<u>344 uhmos</u>
Hardness (as CaCO ₃)	<u>194 mg/l</u>
Turbidity	<u>2.2 JTV</u>