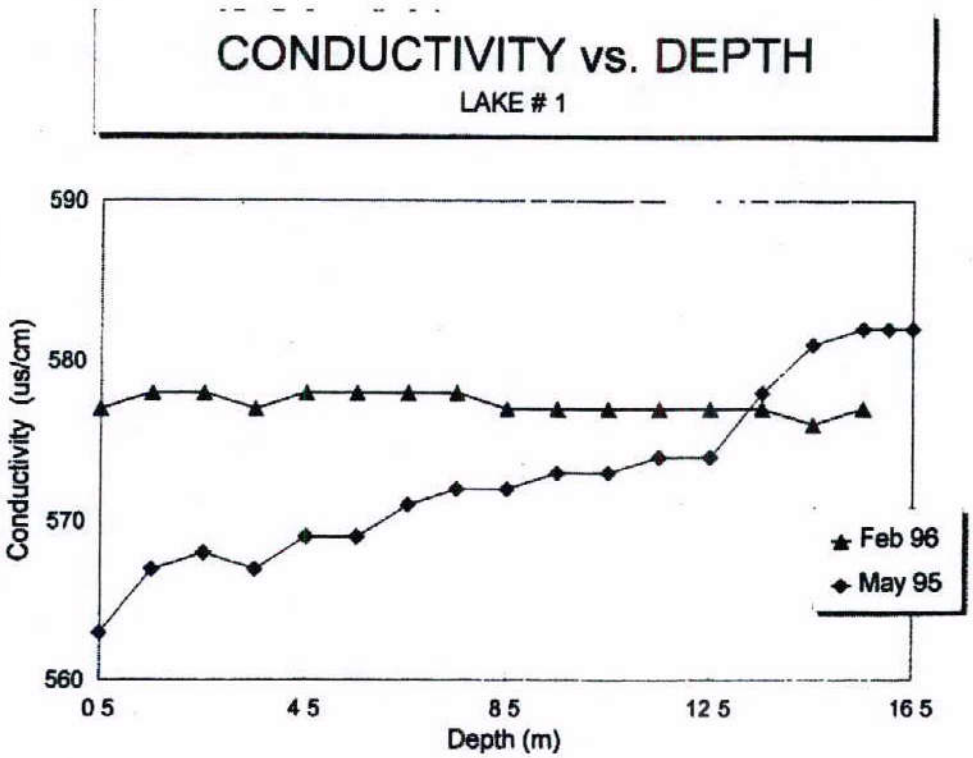
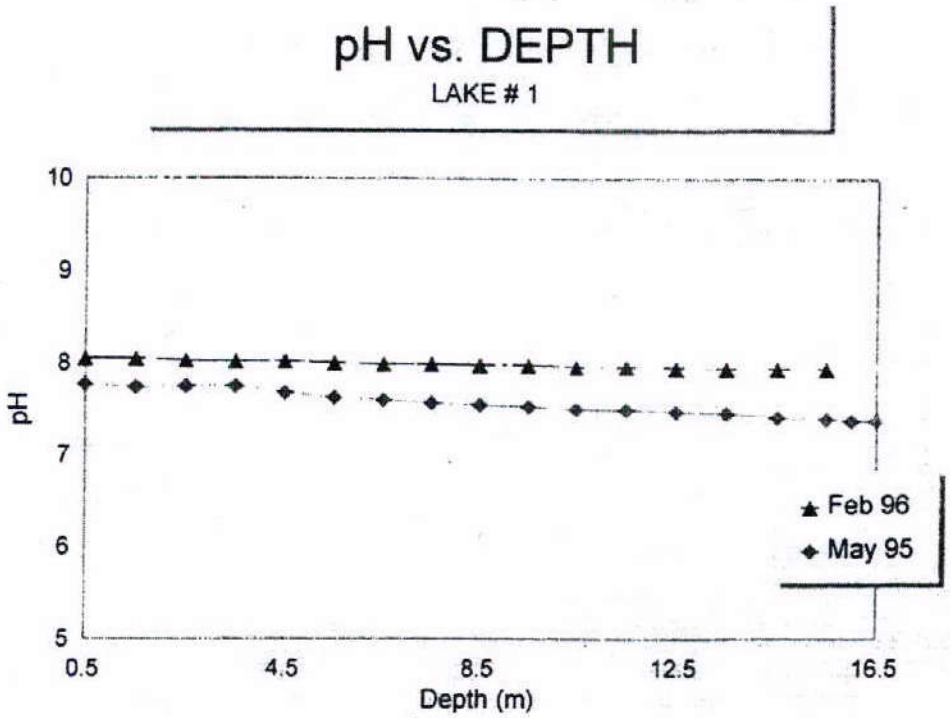
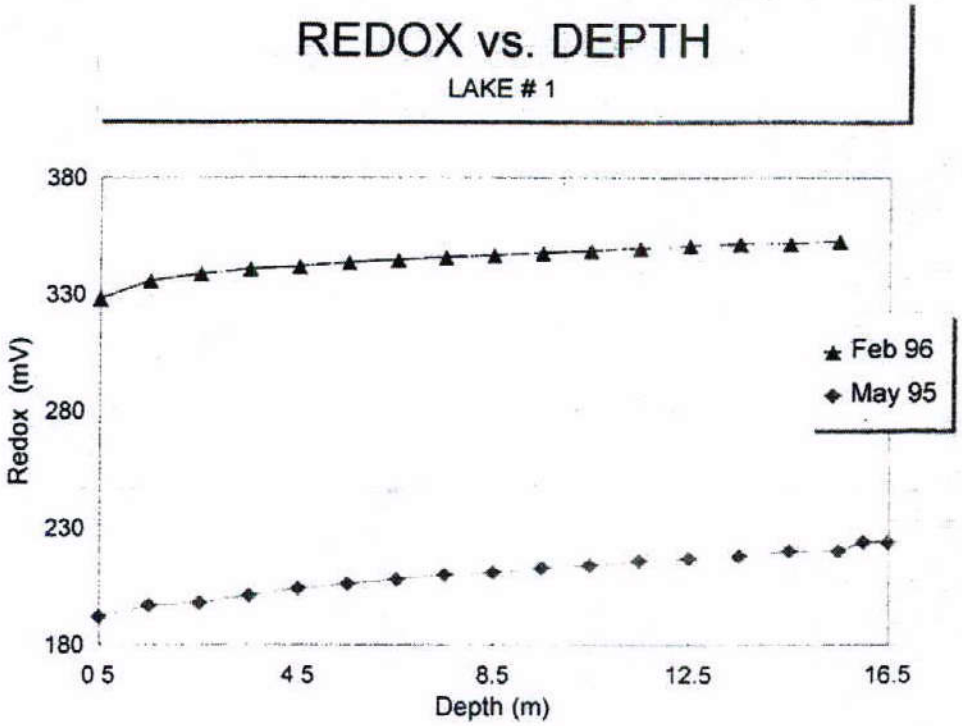
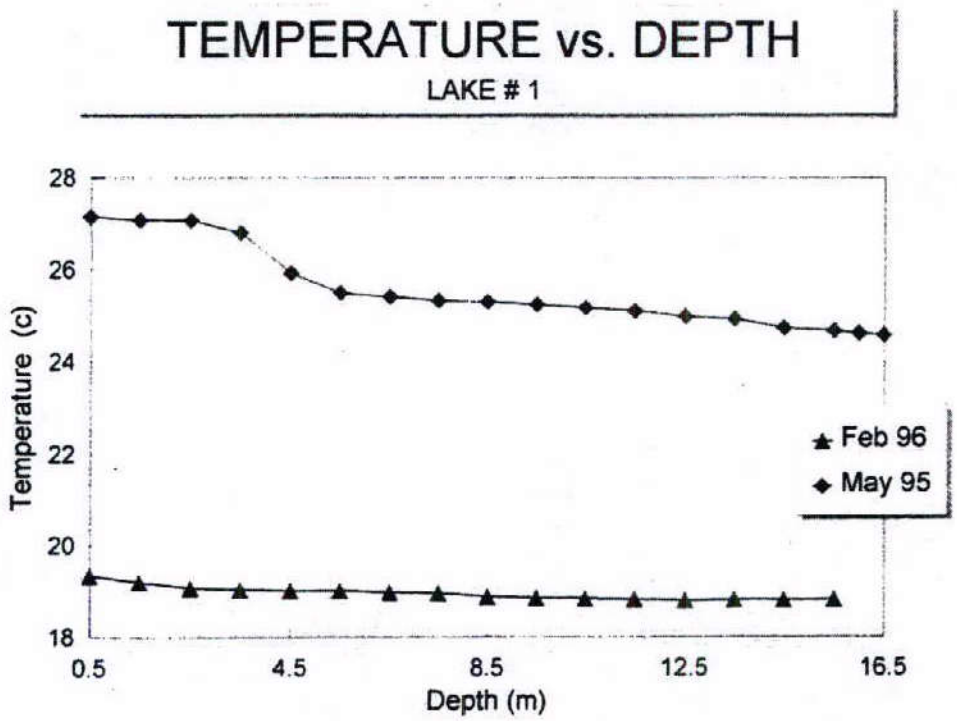
ATTACHMENT A

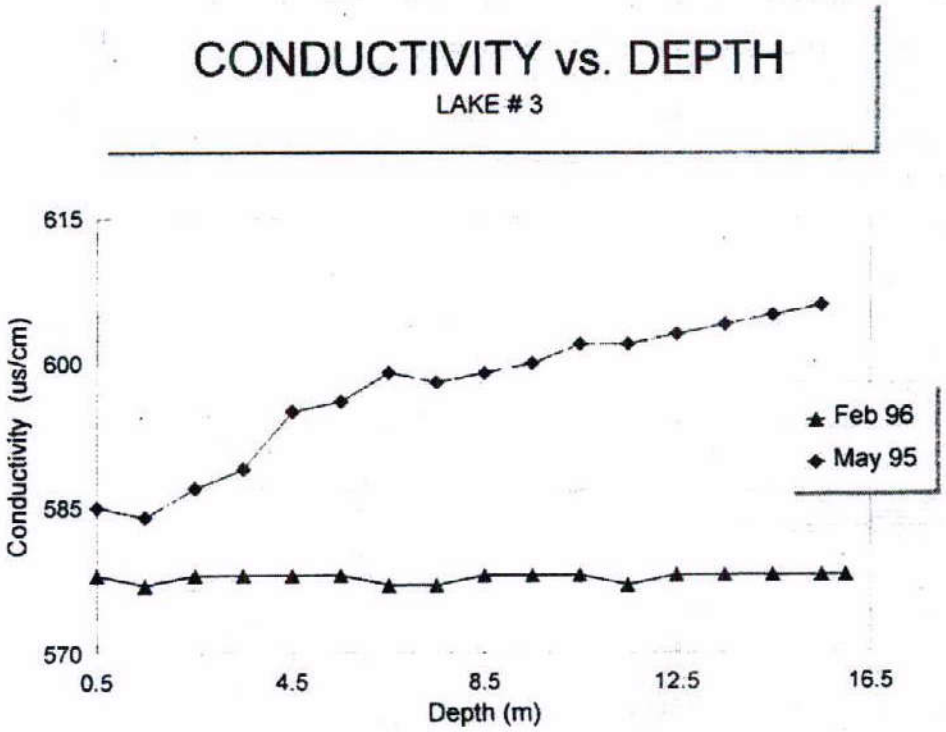
BORROW PIT INSITU DEPTH PROFILES FROM WATER QUALITY INVENTORY

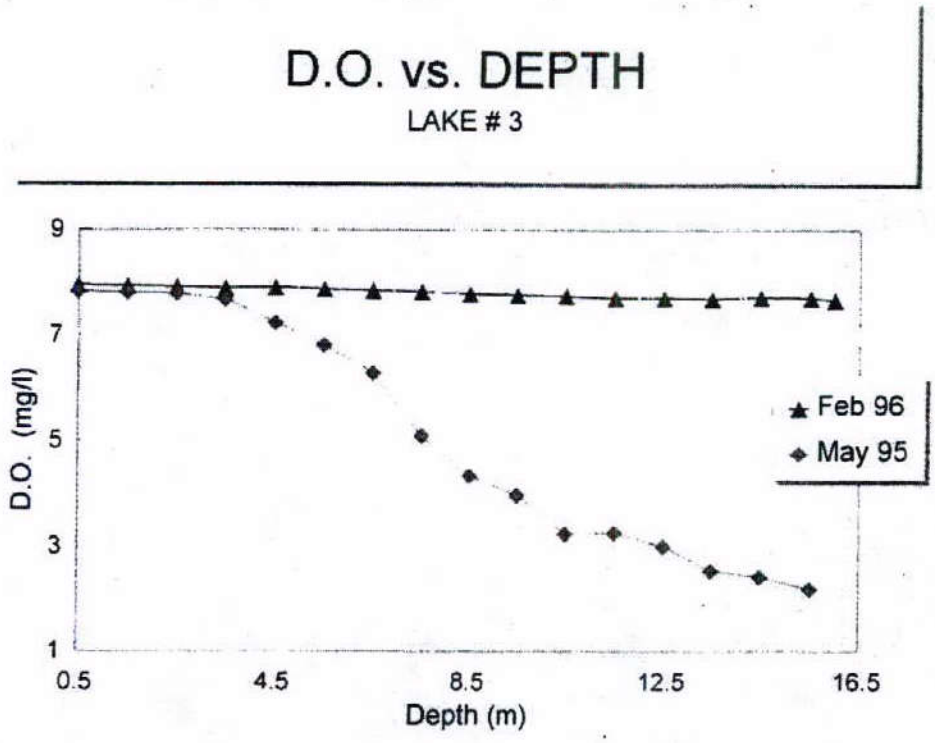

CONDUCTIVITY vs. DEPTH
LAKE # 1
590
580
570
560
Conductivity (us/cm)
0 5
4 5
8 5
12 5
16 5
Depth (m)
Feb 96
May 95

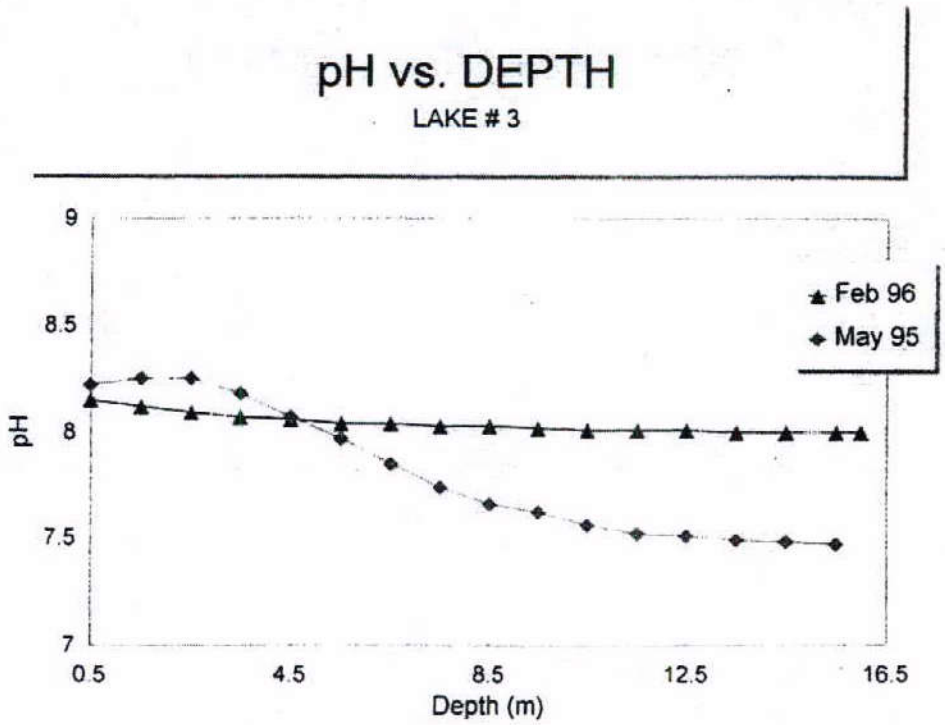

pH vs. DEPTH
LAKE # 1
10
9
8
7
6
5
pH
0.5
4.5
8.5
12.5
16.5
Depth (m)
Feb 96
May 95

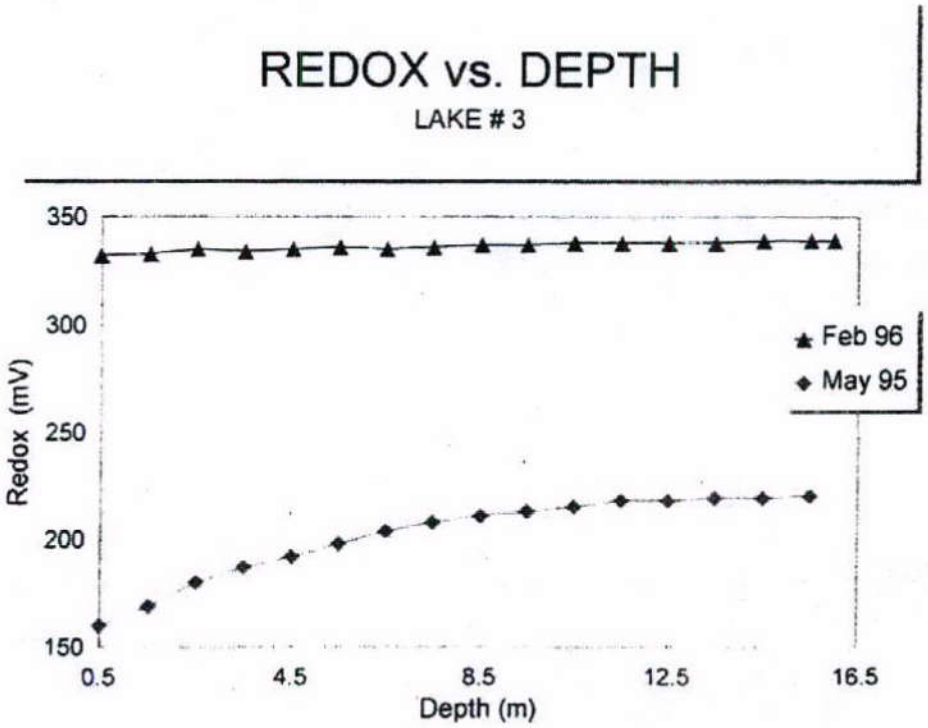

REDOX vs. DEPTH
LAKE # 1
380
330
280
230
180
Redox (mV)
0 5
4 5
8.5
12.5
16.5
Depth (m)
Feb 96
May 95

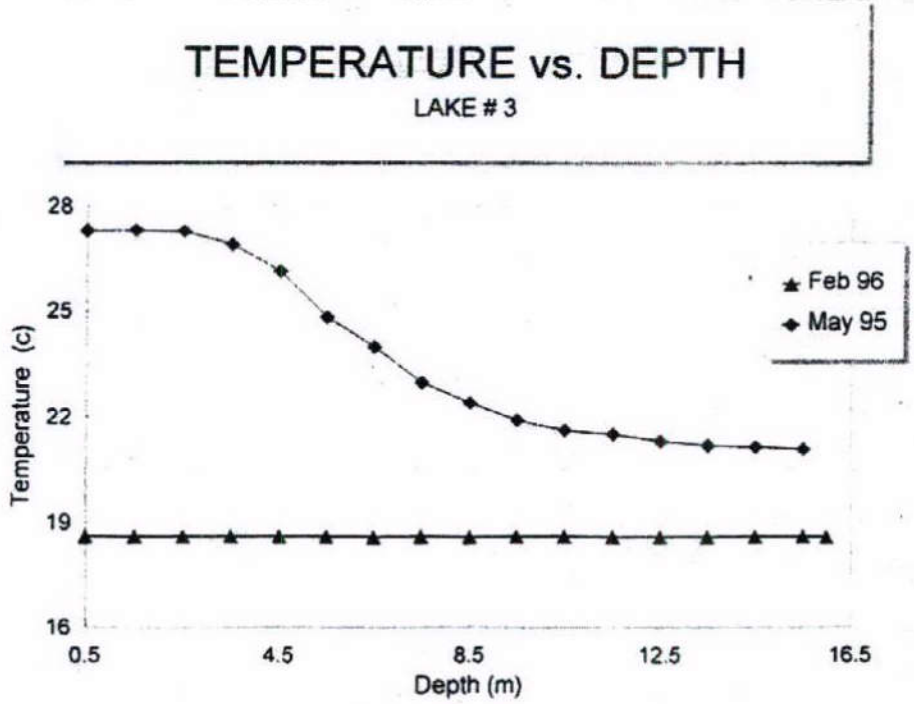

TEMPERATURE vs. DEPTH
LAKE # 1
Temperature (c)
28
26
24
22
20
18
0.5
4.5
8.5
12.5
16.5
Depth (m)
Feb 96
May 95

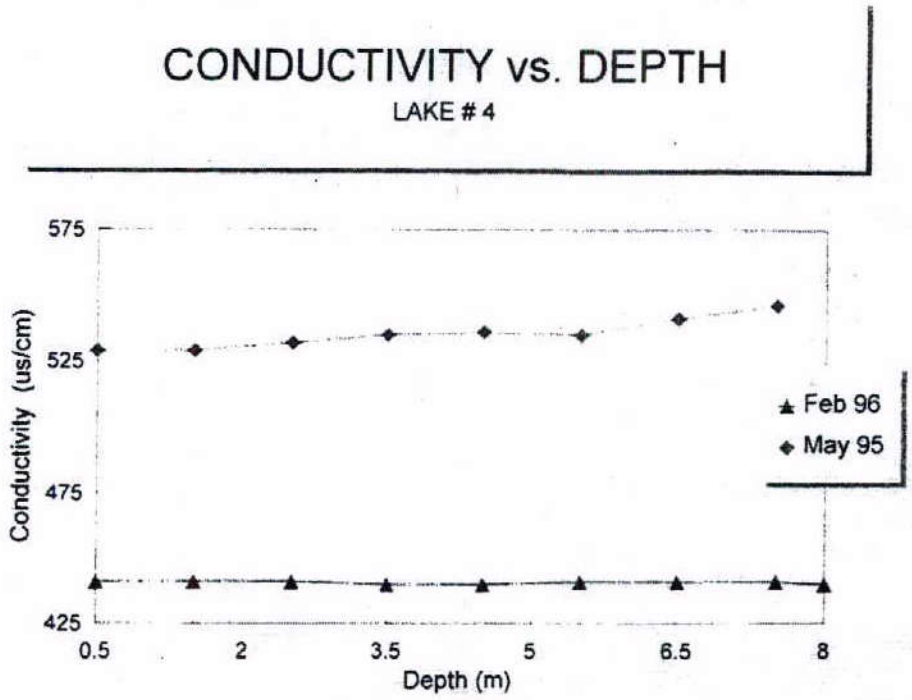

CONDUCTIVITY vs. DEPTH
LAKE # 3
Conductivity (us/cm)
615
600
585
570
0.5
4.5
8.5
12.5
16.5
Depth (m)
Feb 96
May 95

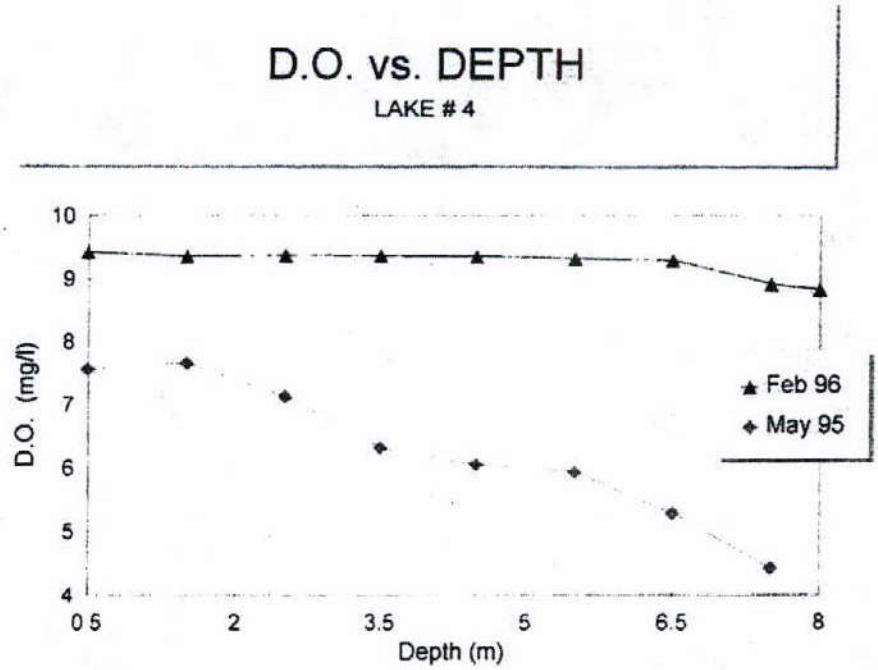

D.O. vs. DEPTH
LAKE # 3
D.O. (mg/l)
9
7
5
3
1
0.5
4.5
8.5
12.5
16.5
Depth (m)
Feb 96
May 95

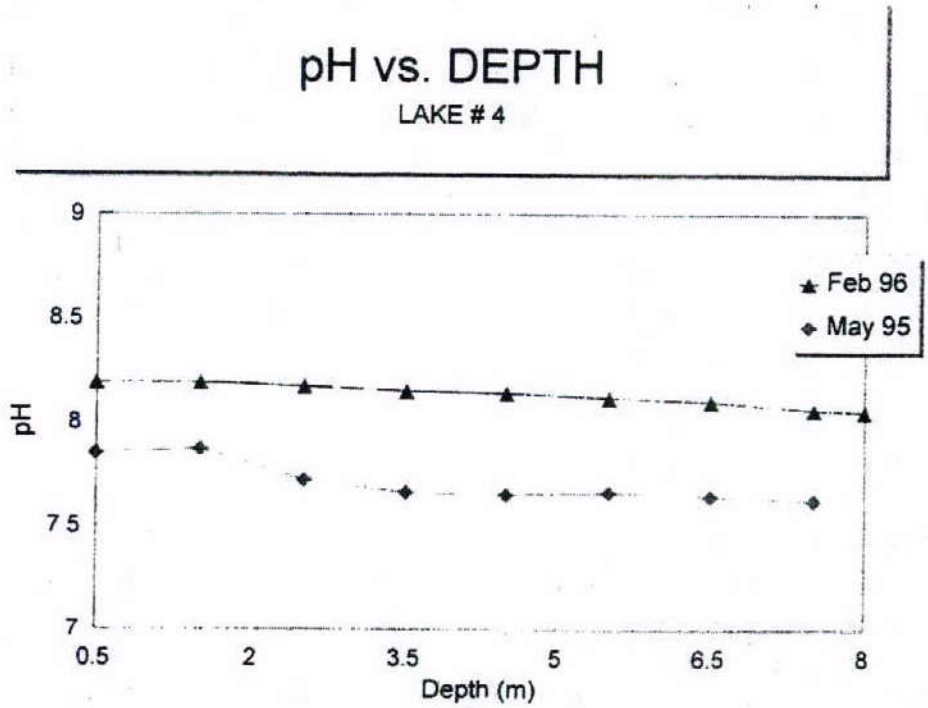

pH vs. DEPTH
LAKE # 3
pH
9
8.5
8
7.5
7
0.5
4.5
8.5
12.5
16.5
Depth (m)
Feb 96
May 95

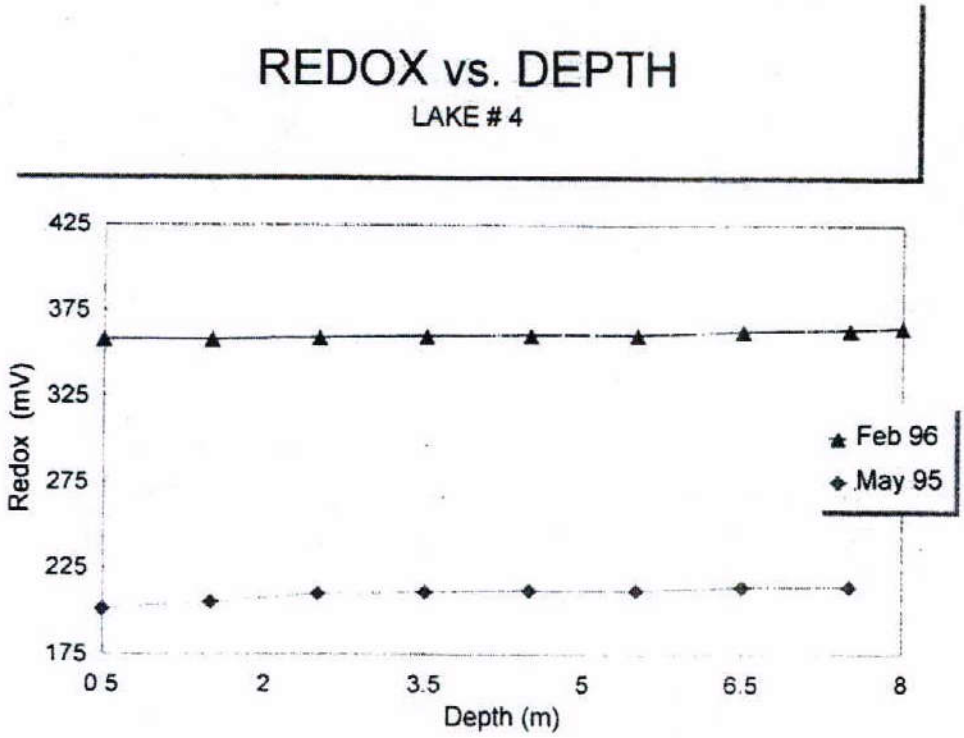

REDOX vs. DEPTH
LAKE # 3
350
300
250
200
150
Redox (mV)
0.5
4.5
8.5
12.5
16.5
Depth (m)
Feb 96
May 95


TEMPERATURE vs. DEPTH
LAKE # 3
28
25
22
19
16
Temperature (c)
0.5
4.5
8.5
12.5
16.5
Depth (m)
Feb 96
May 95


CONDUCTIVITY vs. DEPTH
LAKE # 4
575
525
475
425
Conductivity (us/cm)
0.5
2
3.5
5
6.5
8
Depth (m)
Feb 96
May 95

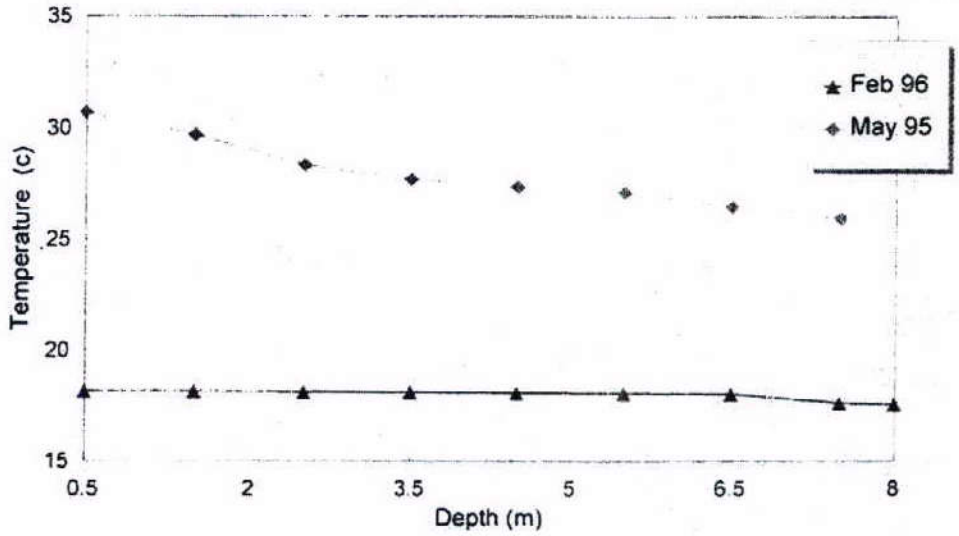

D.O. vs. DEPTH
LAKE # 4
10
9
8
7
6
5
4
D.O. (mg/l)
0.5
2
3.5
5
6.5
8
Depth (m)
Feb 96
May 95


pH vs. DEPTH
LAKE # 4
9
8.5
8
7.5
7
pH
0.5
2
3.5
5
6.5
8
Depth (m)
Feb 96
May 95


REDOX vs. DEPTH
LAKE # 4
425
375
325
275
225
175
Redox (mV)
0.5
2
3.5
5
6.5
8
Depth (m)
Feb 96
May 95

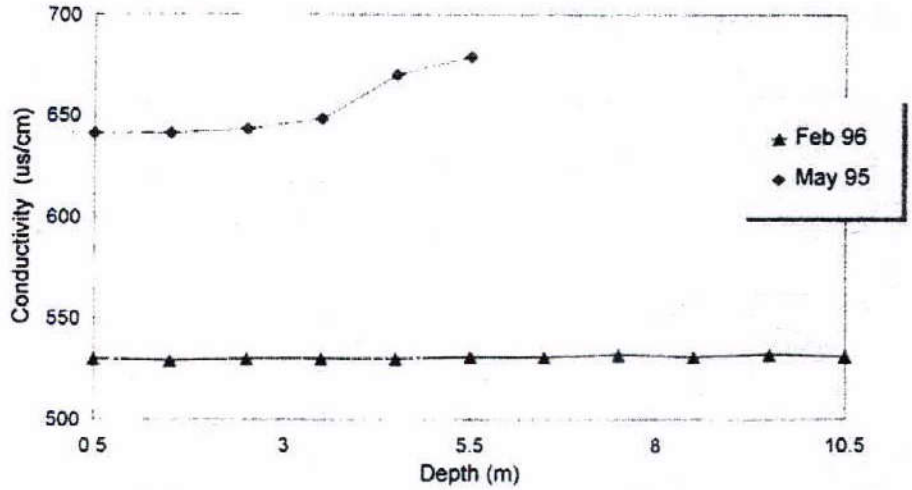
TEMPERATURE vs. DEPTH

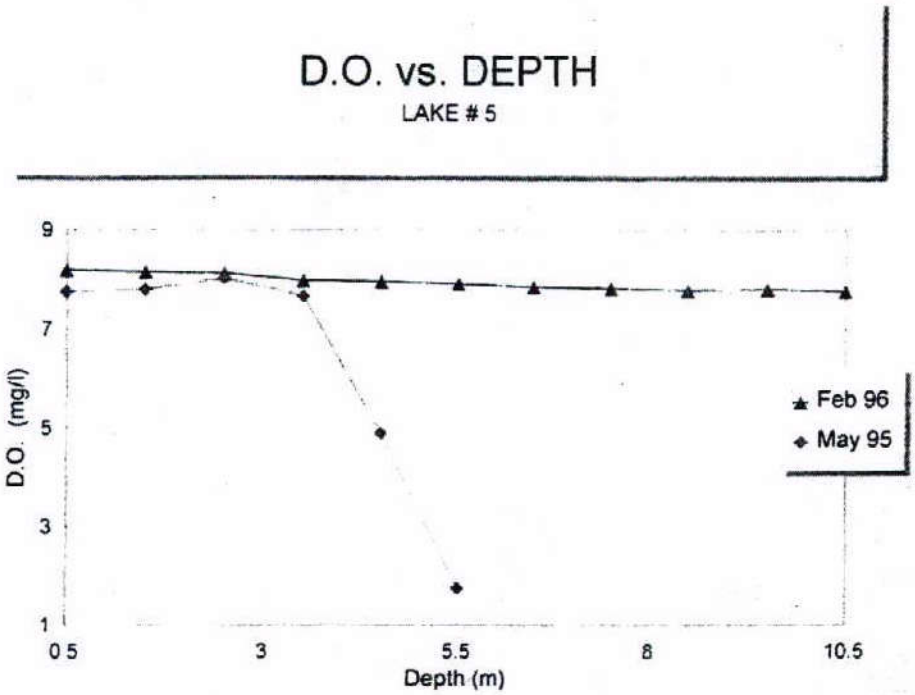
LAKE # 4

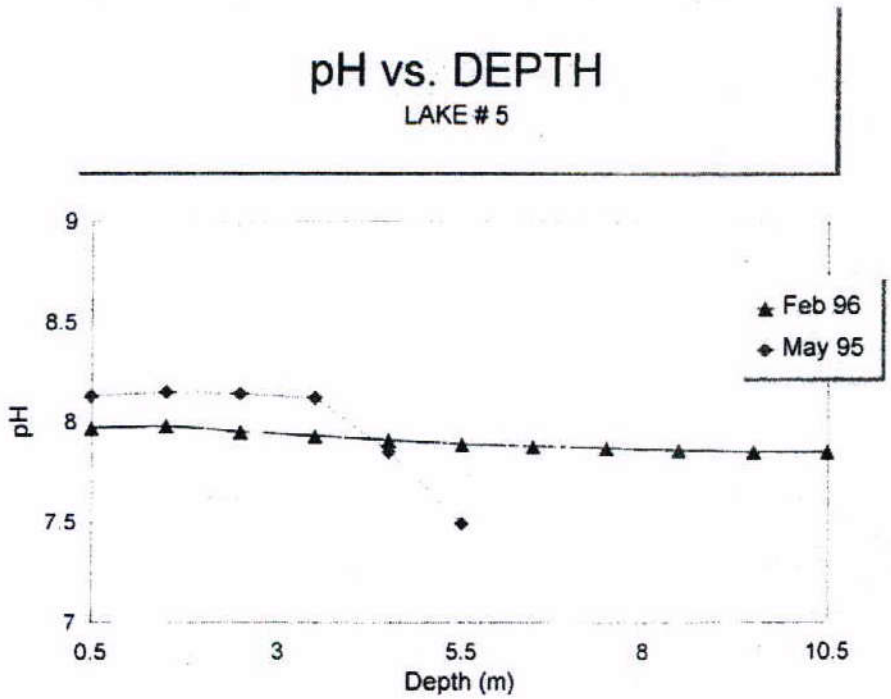


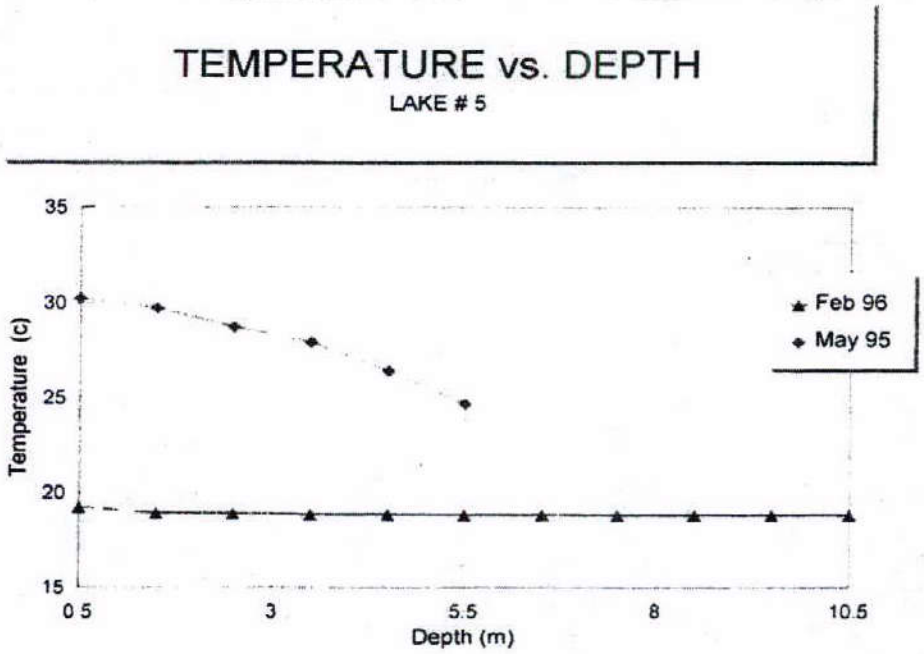
CONDUCTIVITY vs. DEPTH

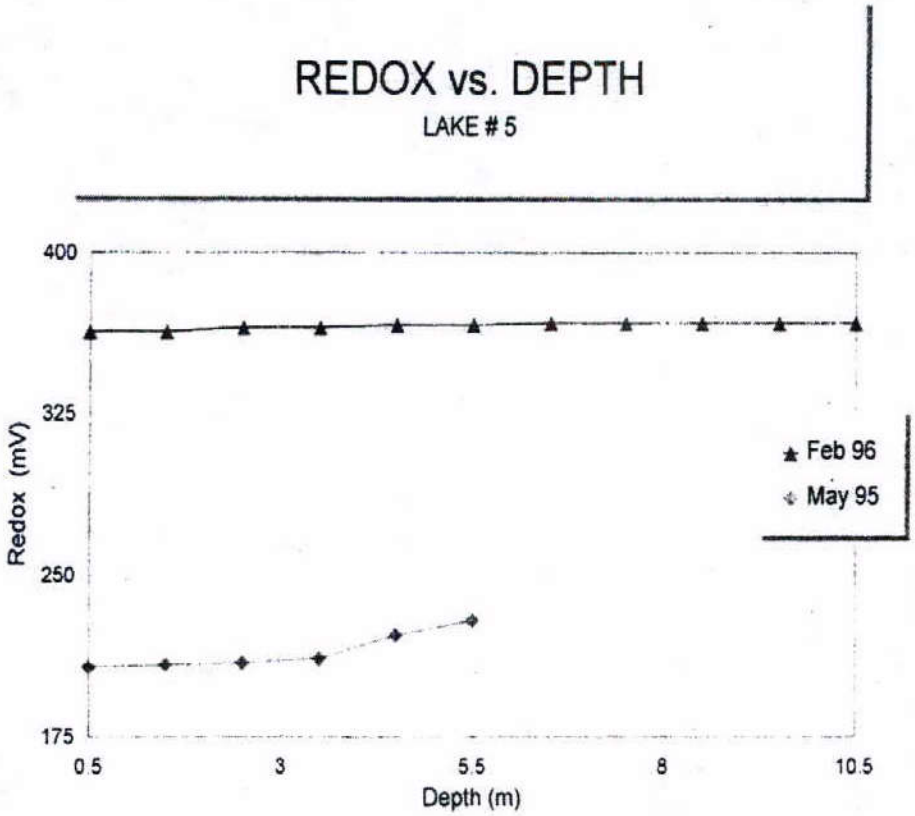
LAKE # 5

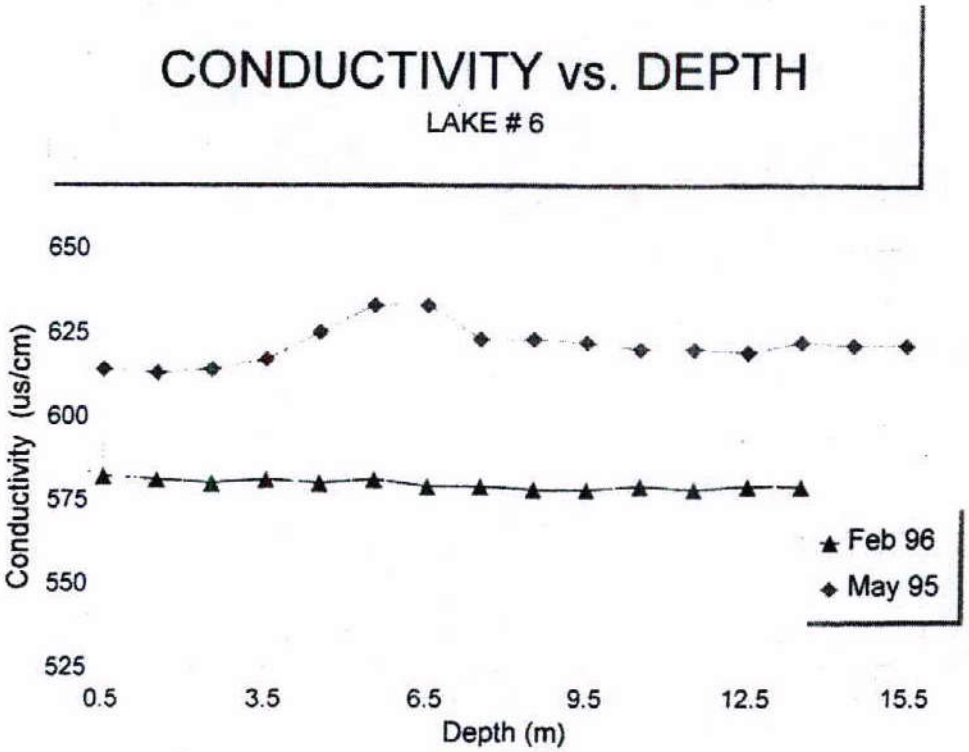


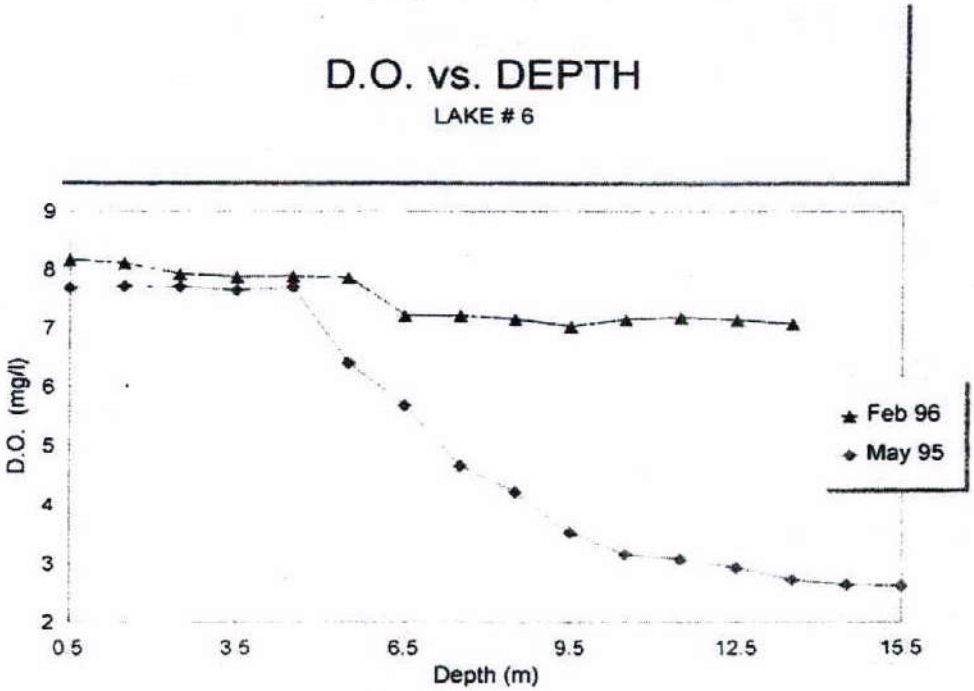

D.O. vs. DEPTH
LAKE # 5
D.O. (mg/l)
9
7
5
3
1
0.5
3
5.5
8
10.5
Depth (m)
Feb 96
May 95

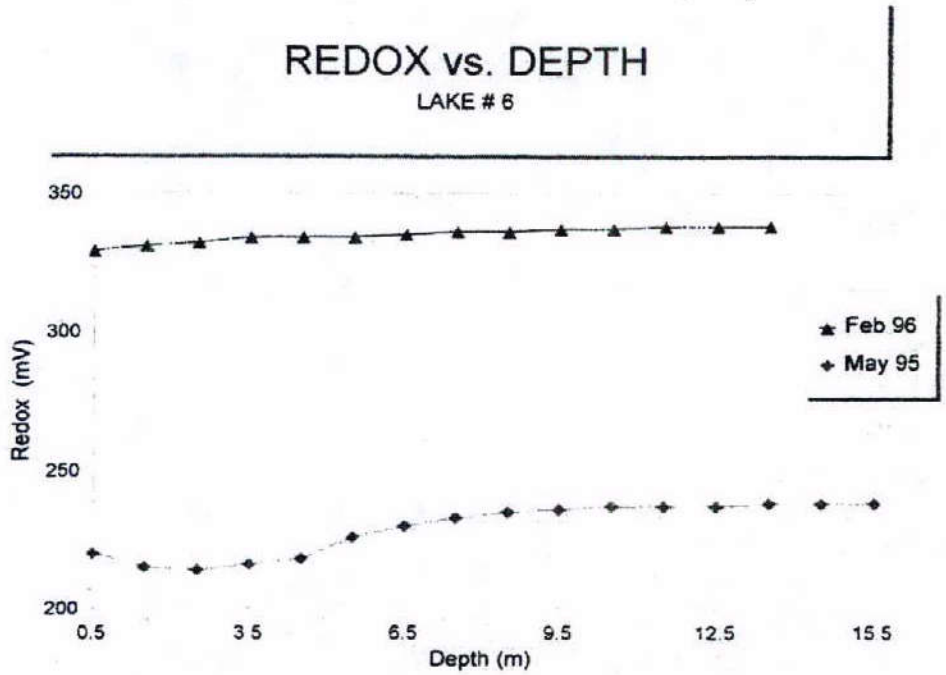

pH vs. DEPTH
LAKE # 5
pH
9
8.5
8
7.5
7
0.5
3
5.5
8
10.5
Depth (m)
Feb 96
May 95

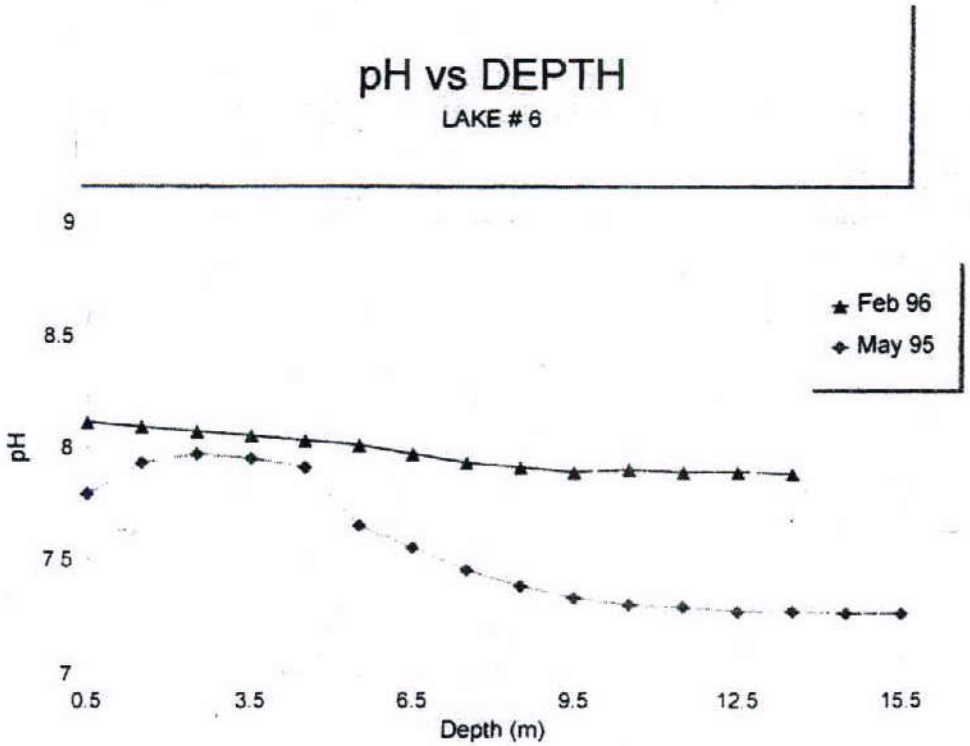

TEMPERATURE vs. DEPTH
LAKE # 5
Temperature (c)
35
30
25
20
15
0.5
3
5.5
8
10.5
Depth (m)
Feb 96
May 95

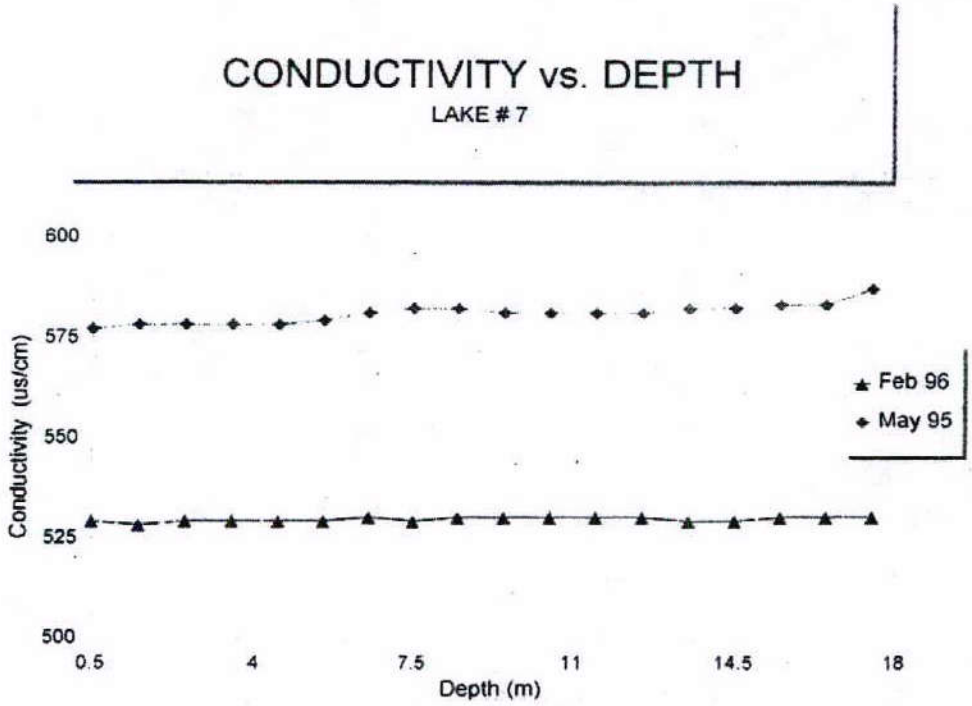

REDOX vs. DEPTH
LAKE # 5
Redox (mV)
400
325
250
175
0.5
3
5.5
8
10.5
Depth (m)
Feb 96
May 95

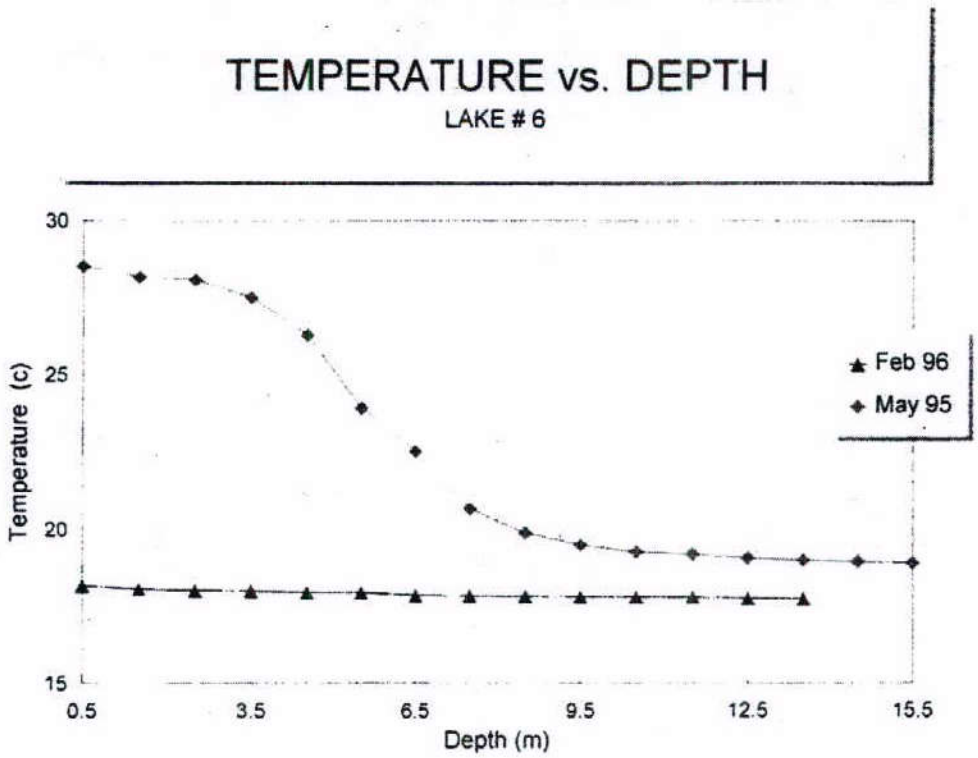

CONDUCTIVITY vs. DEPTH
LAKE # 6
650
625
600
575
550
525
Conductivity (us/cm)
0.5
3.5
6.5
9.5
12.5
15.5
Depth (m)
Feb 96
May 95

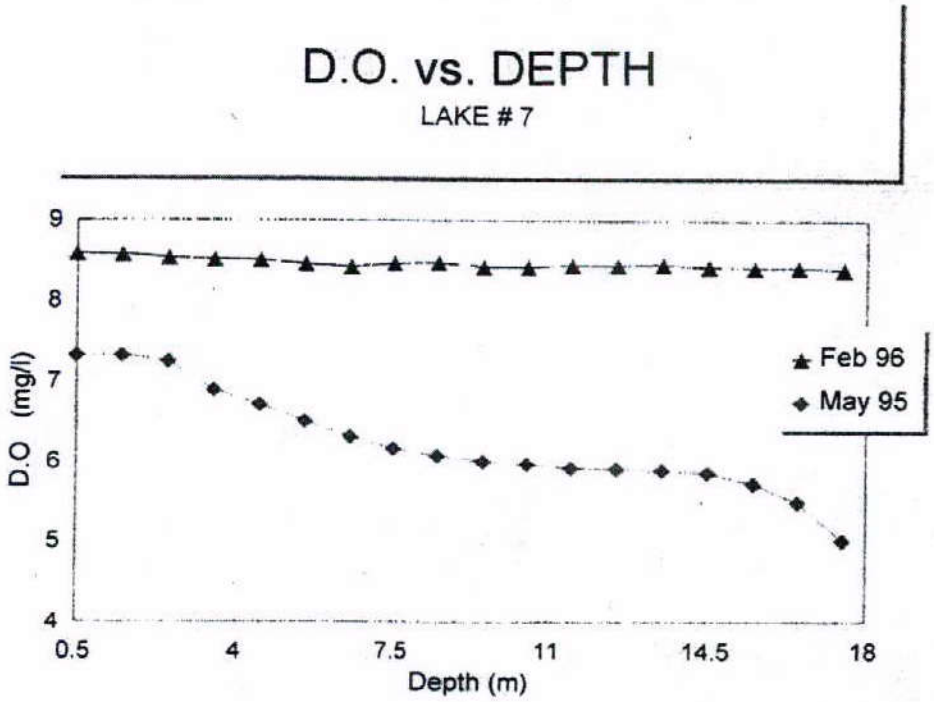

D.O. vs. DEPTH
LAKE # 6
9
8
7
6
5
4
3
2
D.O. (mg/l)
0.5
3.5
6.5
9.5
12.5
15.5
Depth (m)
Feb 96
May 95

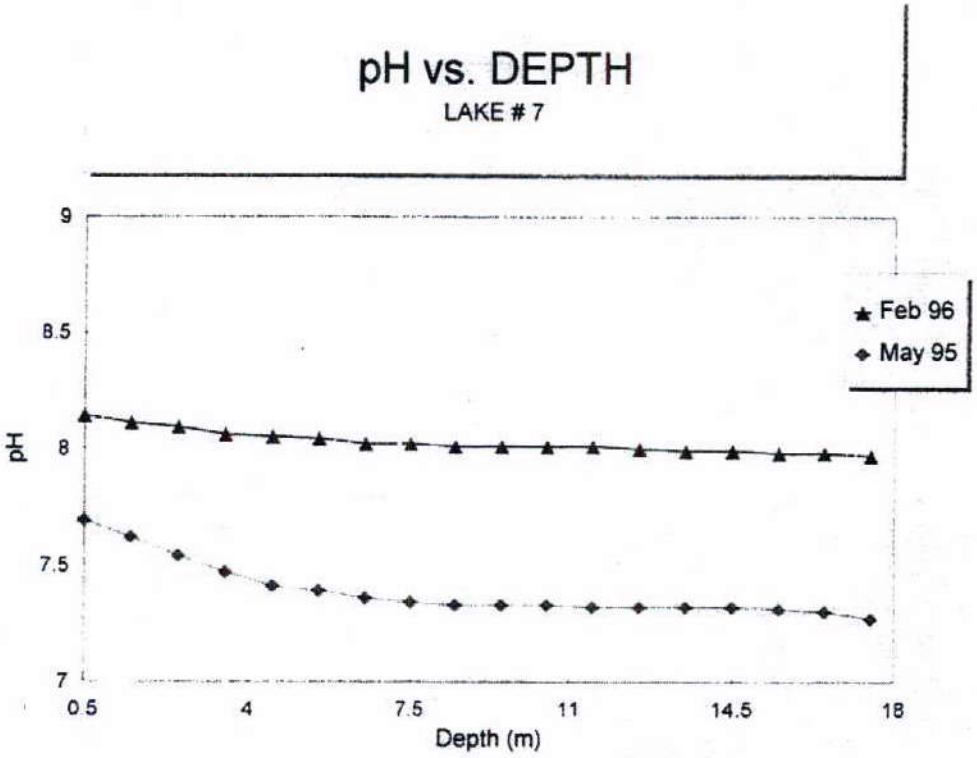

REDOX vs. DEPTH
LAKE # 6
350
300
250
200
Redox (mV)
Feb 96
May 95
0.5
3.5
6.5
9.5
12.5
15.5
Depth (m)

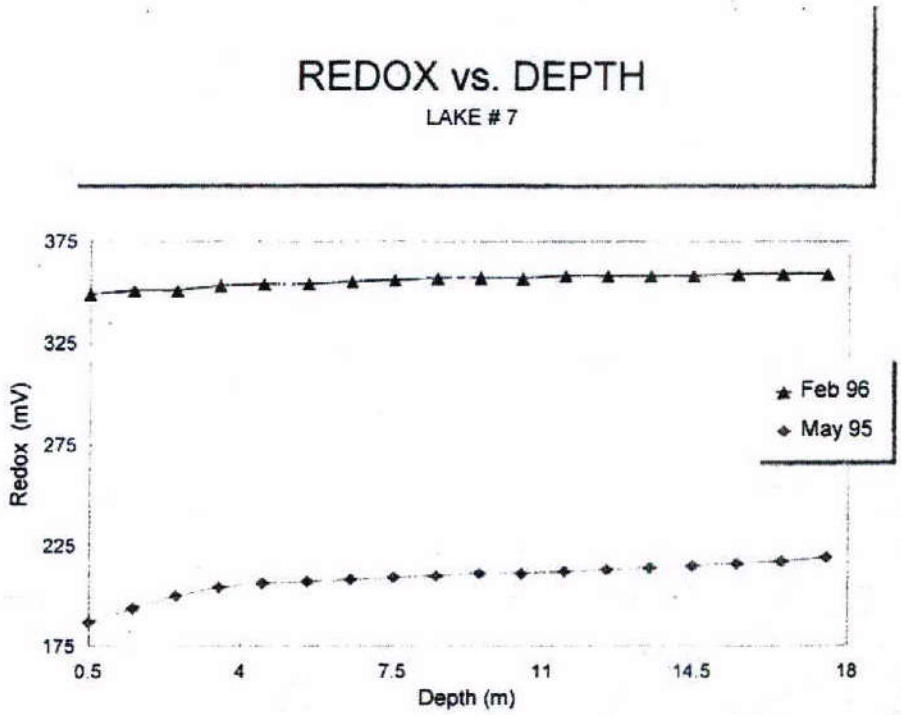

pH vs DEPTH
LAKE # 6
9
8.5
8
7.5
7
pH
Feb 96
May 95
0.5
3.5
6.5
9.5
12.5
15.5
Depth (m)

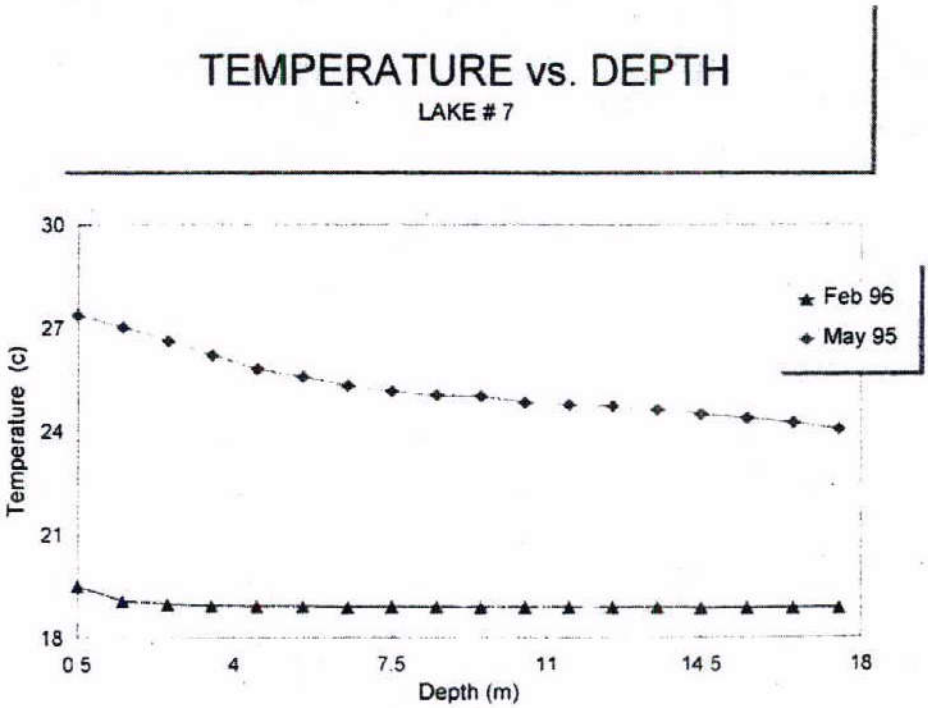

CONDUCTIVITY vs. DEPTH
LAKE # 7
600
575
550
525
500
Conductivity (us/cm)
0.5
4
7.5
11
14.5
18
Depth (m)
Feb 96
May 95

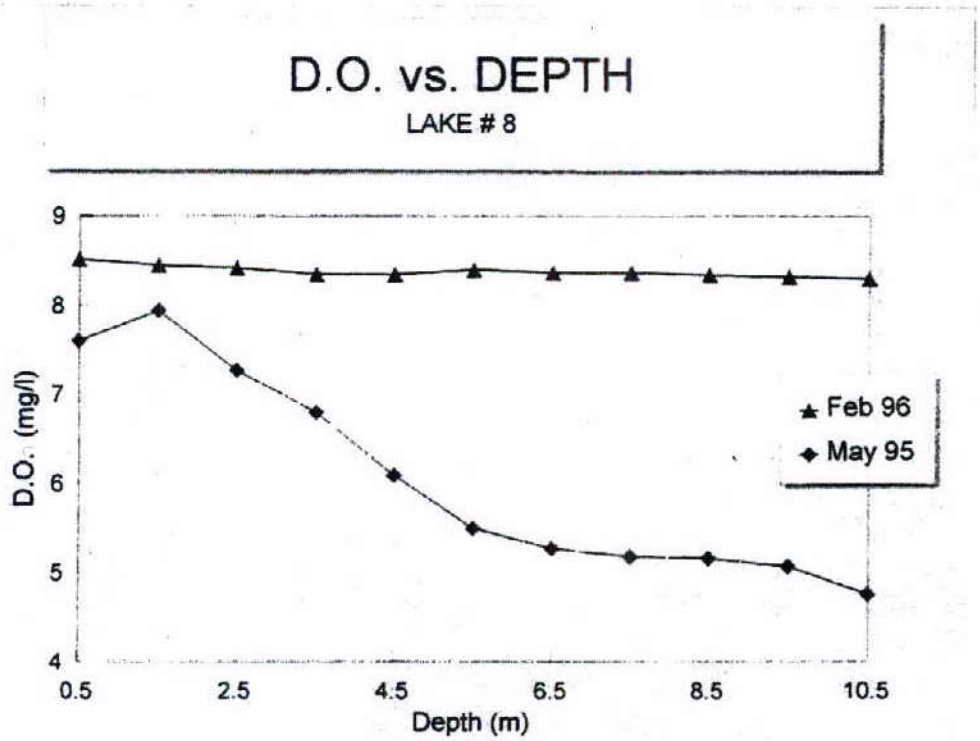

TEMPERATURE vs. DEPTH
LAKE # 6
30
25
20
15
Temperature (c)
0.5
3.5
6.5
9.5
12.5
15.5
Depth (m)
Feb 96
May 95

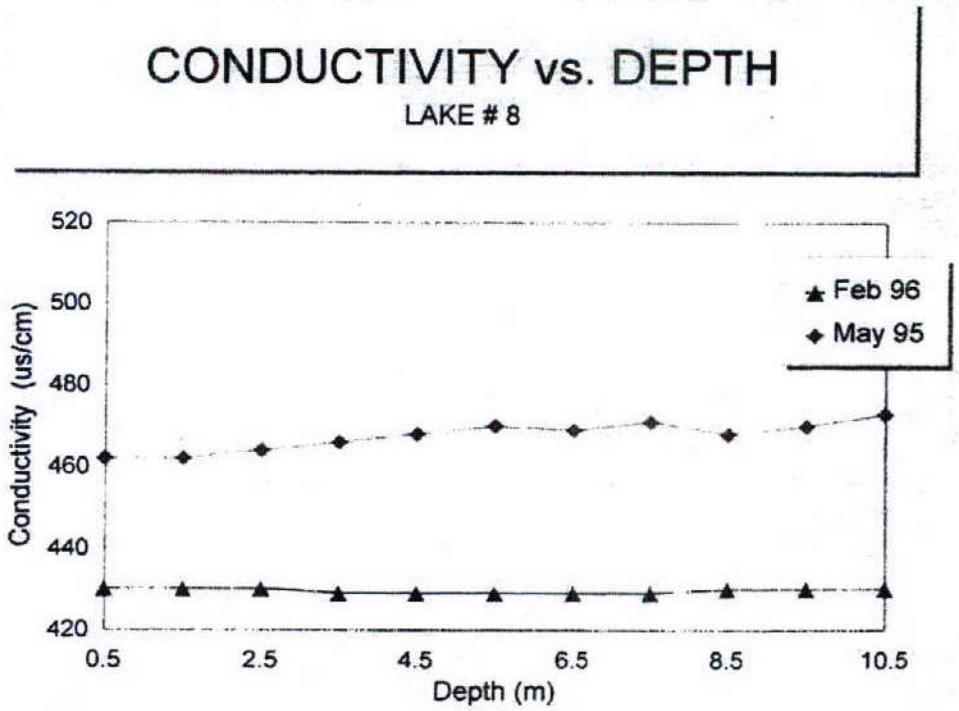

D.O. vs. DEPTH
LAKE # 7
D.O (mg/l)
9
8
7
6
5
4
0.5
4
7.5
11
14.5
18
Depth (m)
Feb 96
May 95

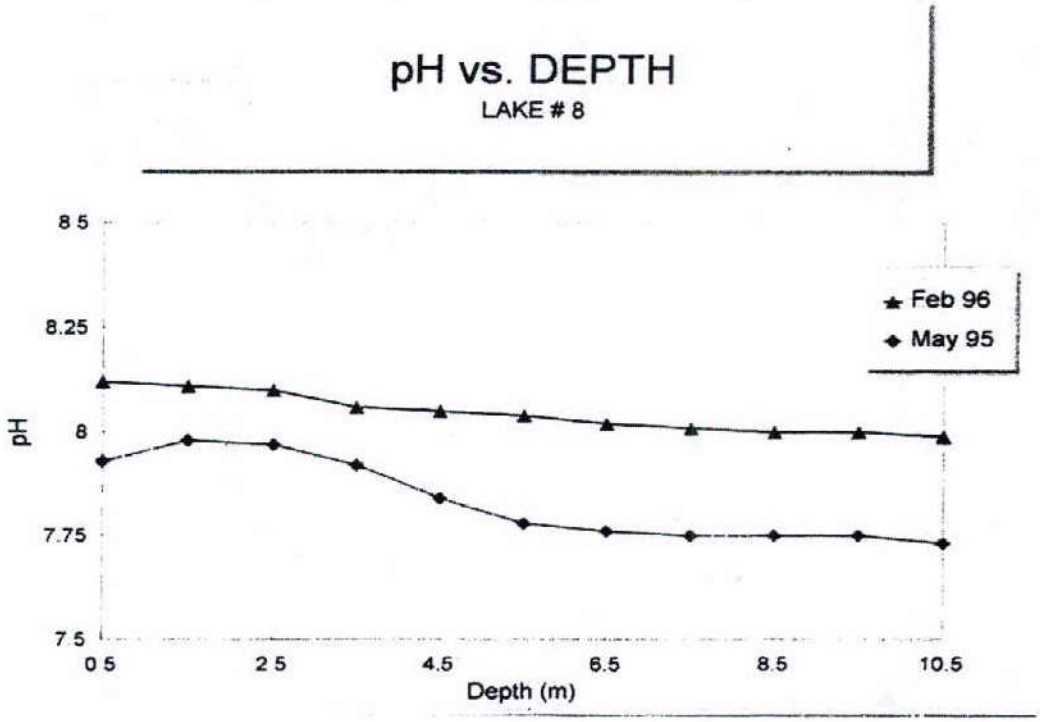

pH vs. DEPTH
LAKE # 7
pH
9
8.5
8
7.5
7
0.5
4
7.5
11
14.5
18
Depth (m)
Feb 96
May 95

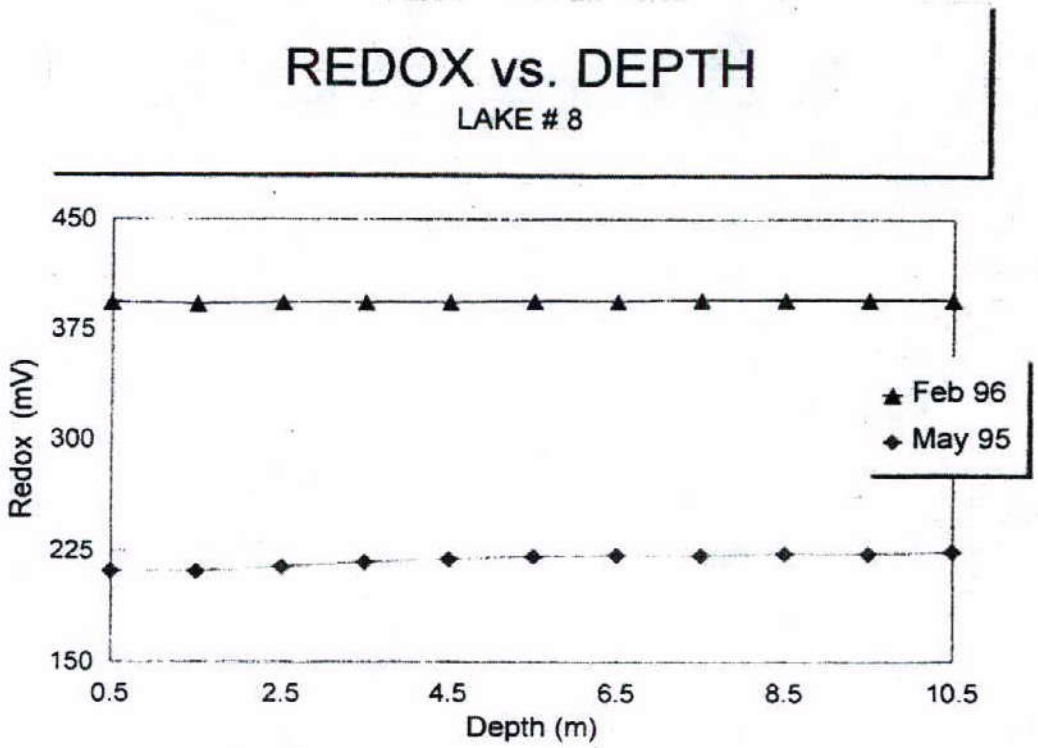

REDOX vs. DEPTH
LAKE # 7
375
325
275
225
175
Redox (mV)
0.5
4
7.5
11
14.5
18
Depth (m)
Feb 96
May 95


TEMPERATURE vs. DEPTH
LAKE # 7
30
27
24
21
18
Temperature (c)
0 5
4
7.5
11
14 5
18
Depth (m)
Feb 96
May 95


D.O. vs. DEPTH
LAKE # 8
D.O. (mg/l)
9
8
7
6
5
4
0.5
2.5
4.5
6.5
8.5
10.5
Depth (m)
Feb 96
May 95

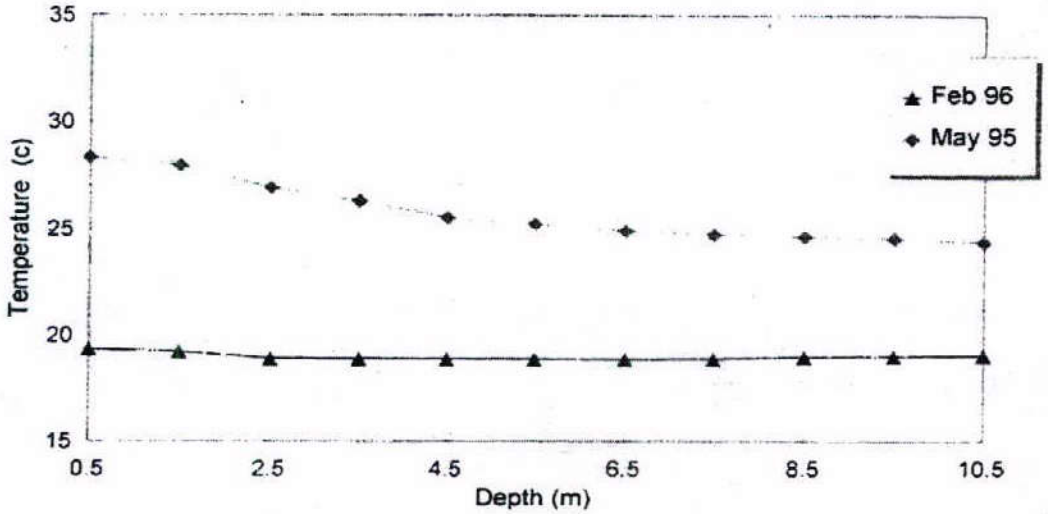

CONDUCTIVITY vs. DEPTH
LAKE # 8
Conductivity (us/cm)
520
500
480
460
440
420
0.5
2.5
4.5
6.5
8.5
10.5
Depth (m)
Feb 96
May 95


pH vs. DEPTH
LAKE # 8
8.5
8.25
8
7.75
7.5
pH
0.5
2.5
4.5
6.5
8.5
10.5
Depth (m)
Feb 96
May 95


REDOX vs. DEPTH
LAKE # 8
450
375
300
225
150
Redox (mV)
0.5
2.5
4.5
6.5
8.5
10.5
Depth (m)
Feb 96
May 95

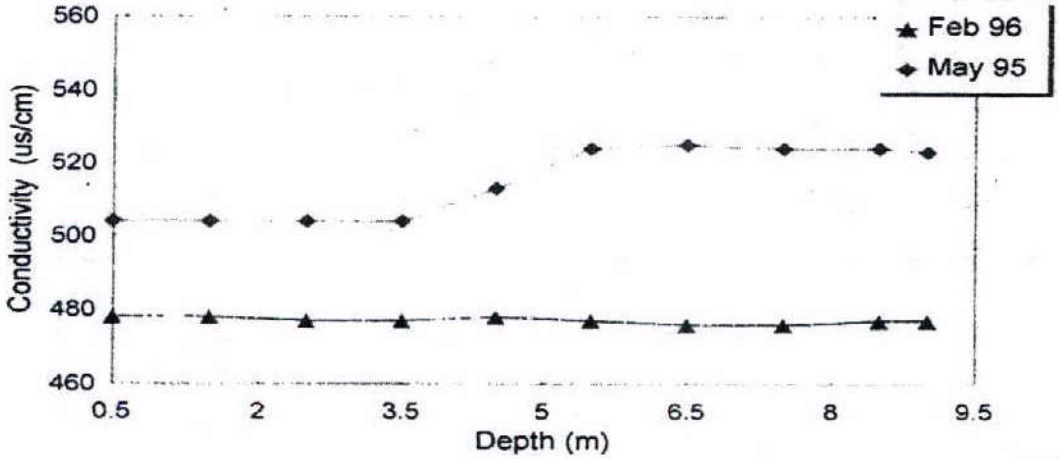
TEMPERATURE vs. DEPTH

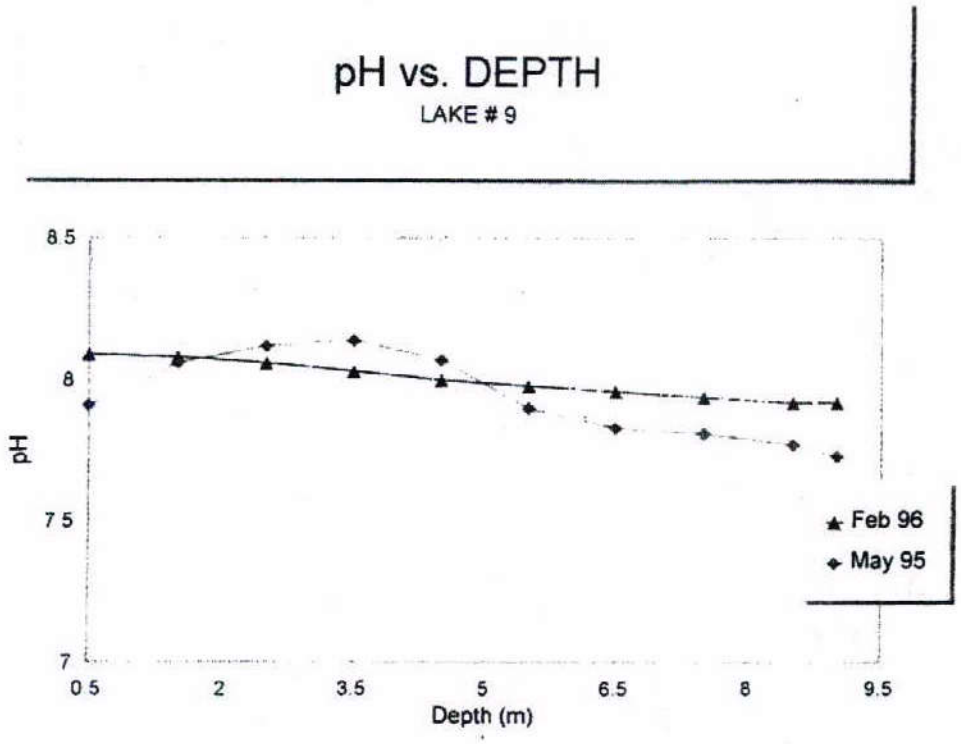
LAKE # 8

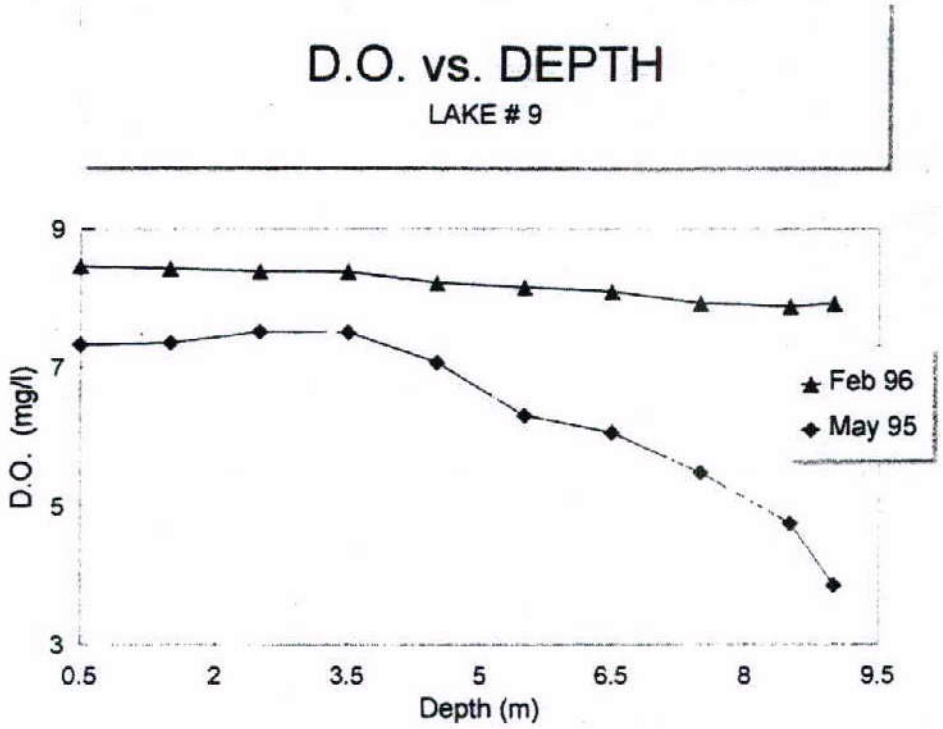


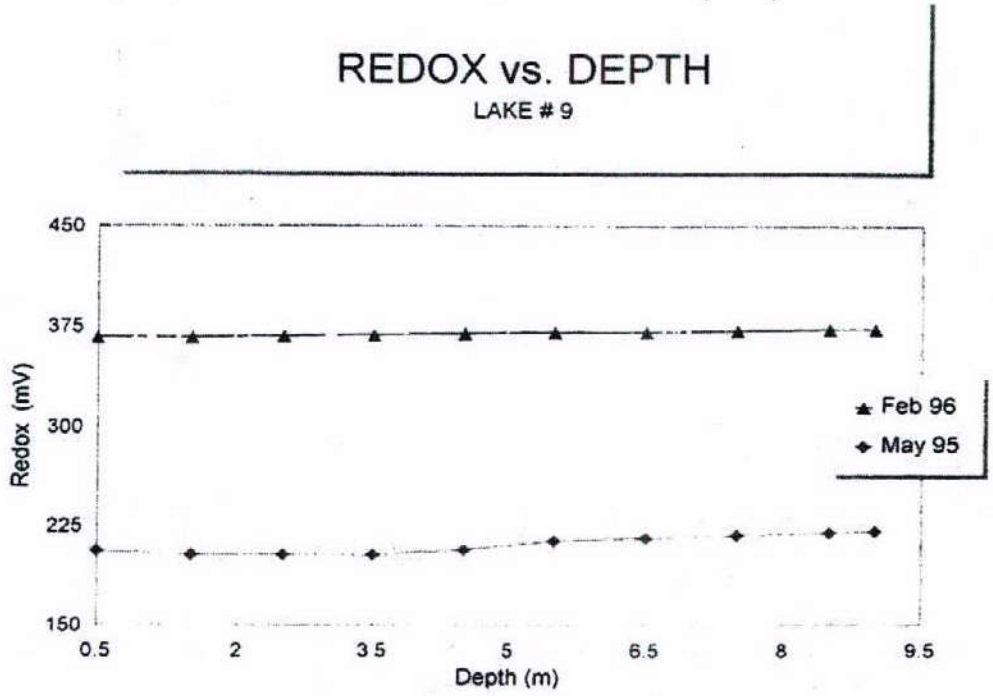
CONDUCTIVITY vs. DEPTH

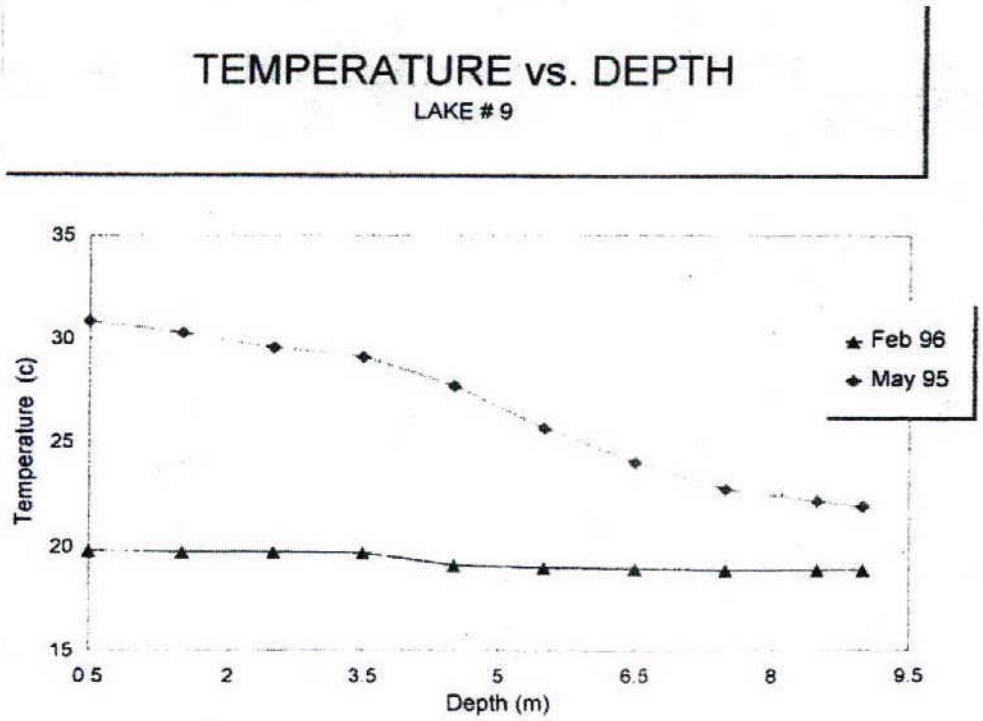
LAKE # 9

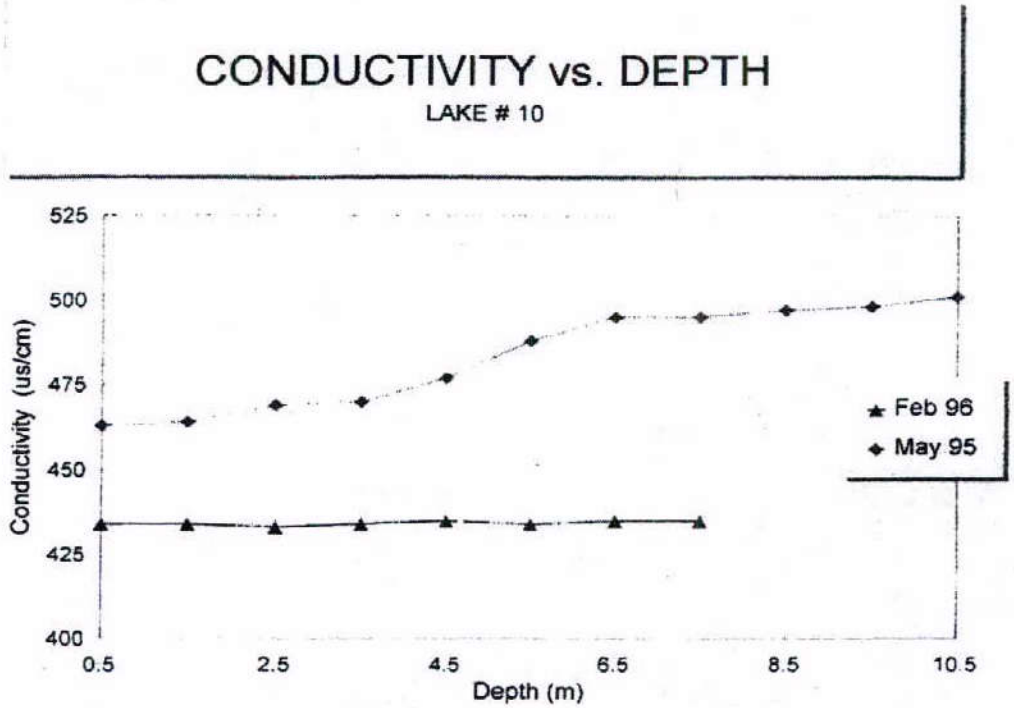


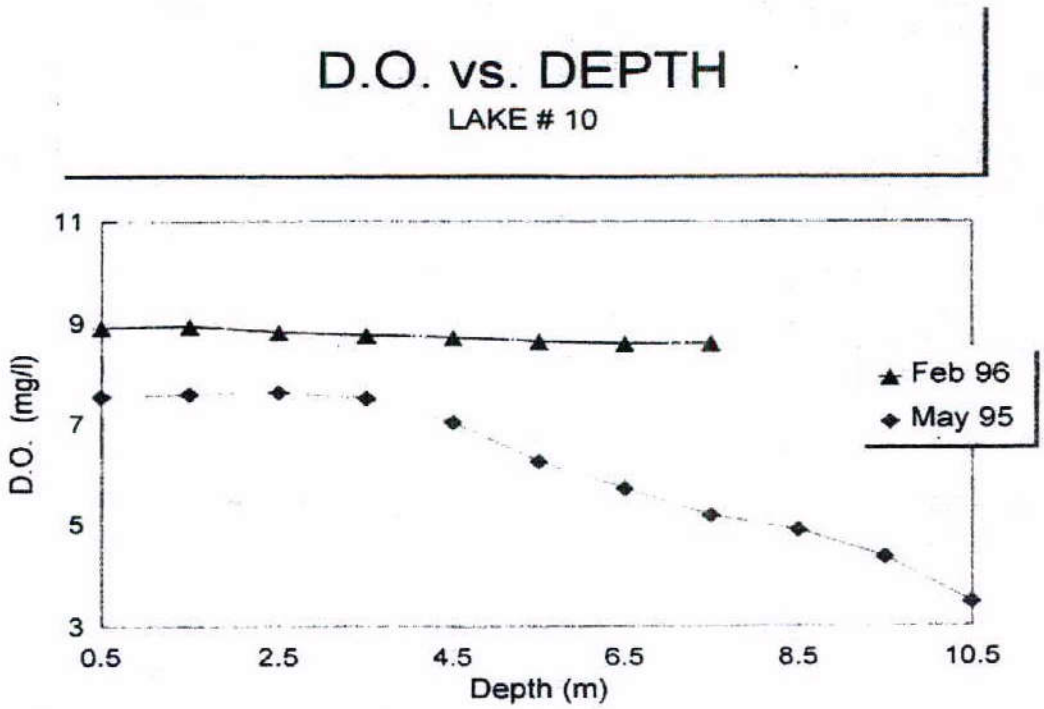

pH vs. DEPTH
LAKE # 9
8.5
8
7.5
7
pH
0.5
2
3.5
5
6.5
8
9.5
Depth (m)
Feb 96
May 95

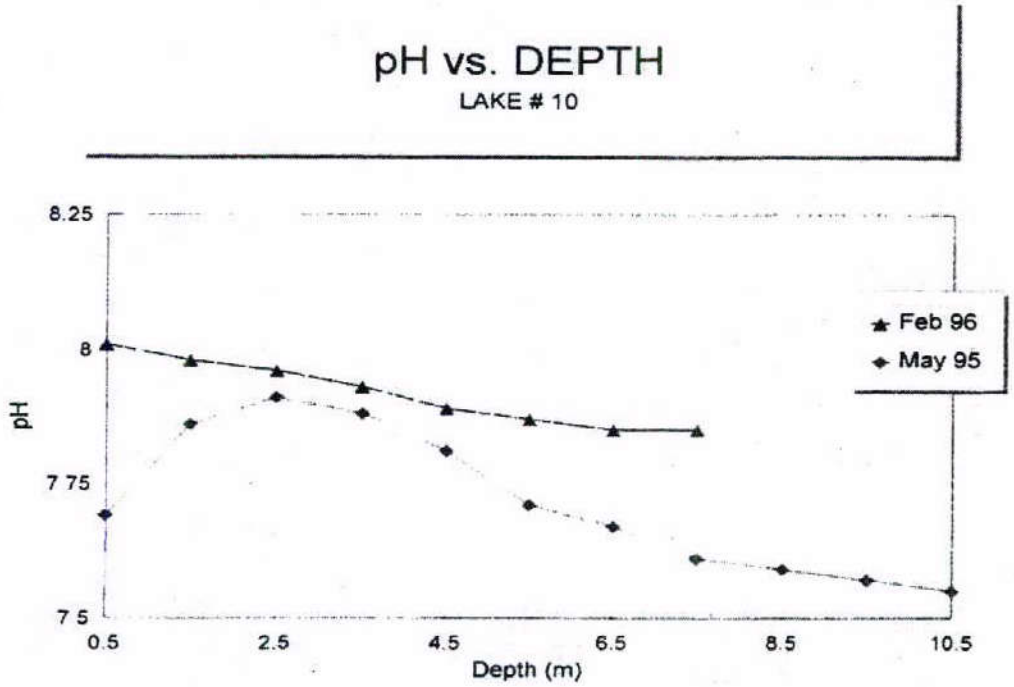

D.O. vs. DEPTH
LAKE # 9
9
7
5
3
D.O. (mg/l)
0.5
2
3.5
5
6.5
8
9.5
Depth (m)
Feb 96
May 95

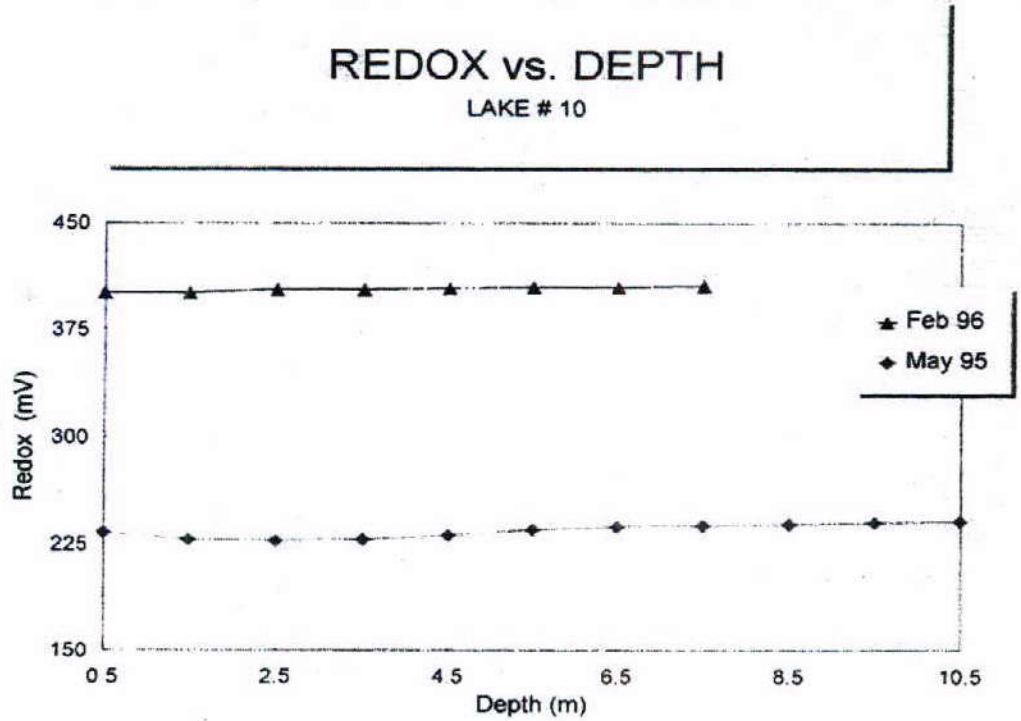

REDOX vs. DEPTH
LAKE # 9
450
375
300
225
150
Redox (mV)
0.5
2
3.5
5
6.5
8
9.5
Depth (m)
Feb 96
May 95

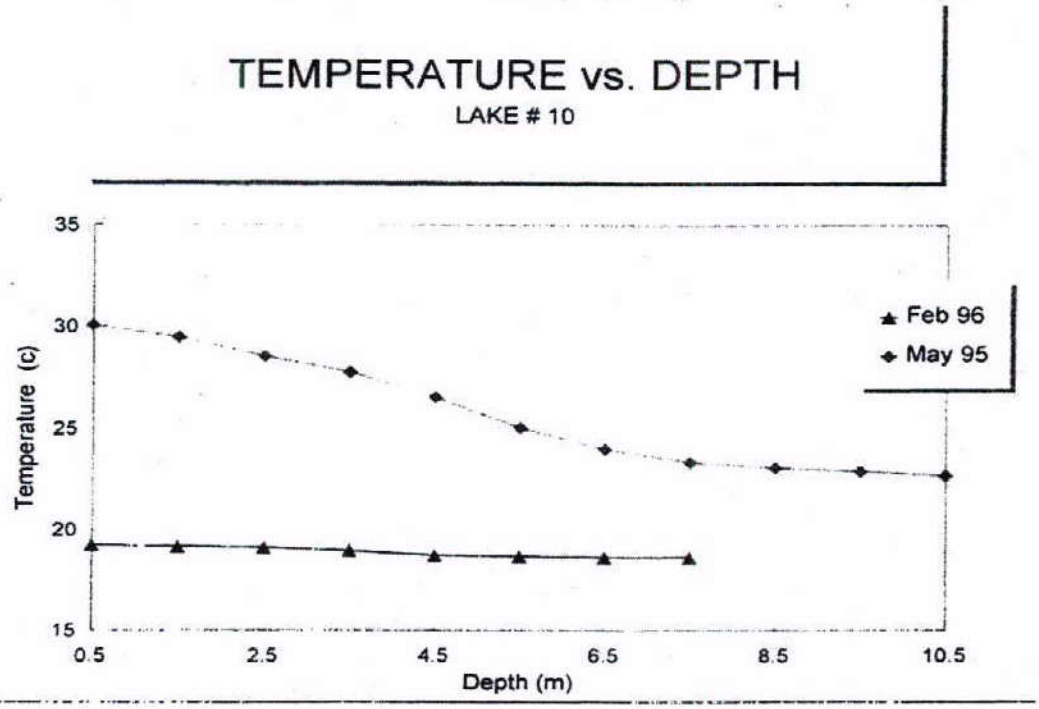

TEMPERATURE vs. DEPTH
LAKE # 9
35
30
25
20
15
Temperature (c)
0.5
2
3.5
5
6.5
8
9.5
Depth (m)
Feb 96
May 95

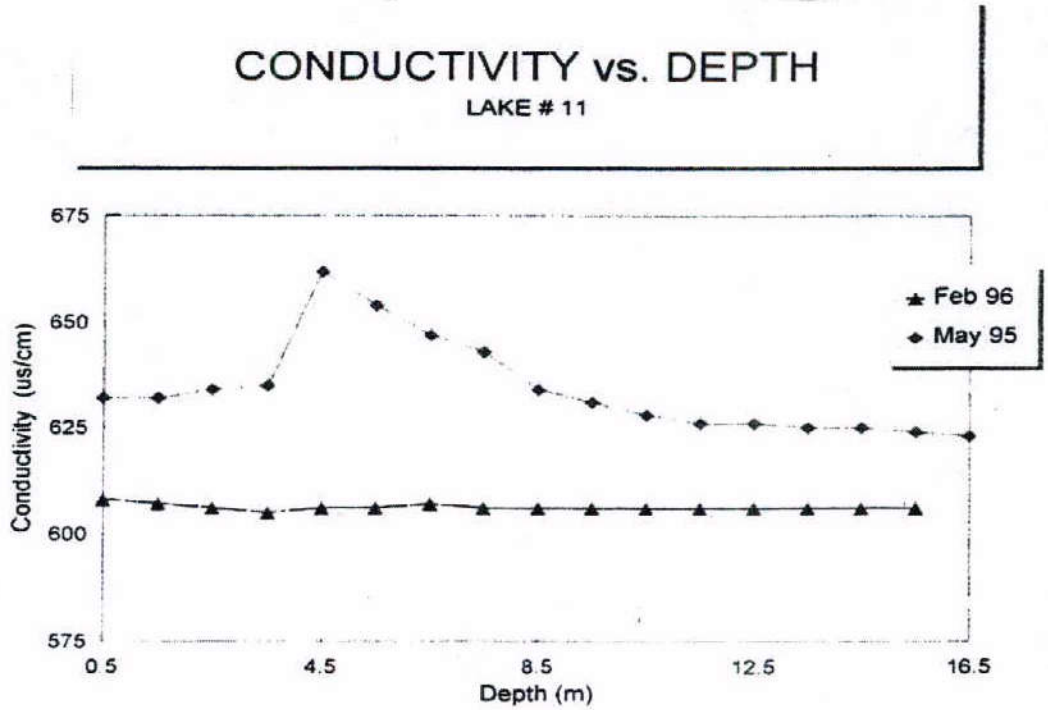

CONDUCTIVITY vs. DEPTH
LAKE # 10
525
500
475
450
425
400
Conductivity (us/cm)
0.5
2.5
4.5
6.5
8.5
10.5
Depth (m)
Feb 96
May 95

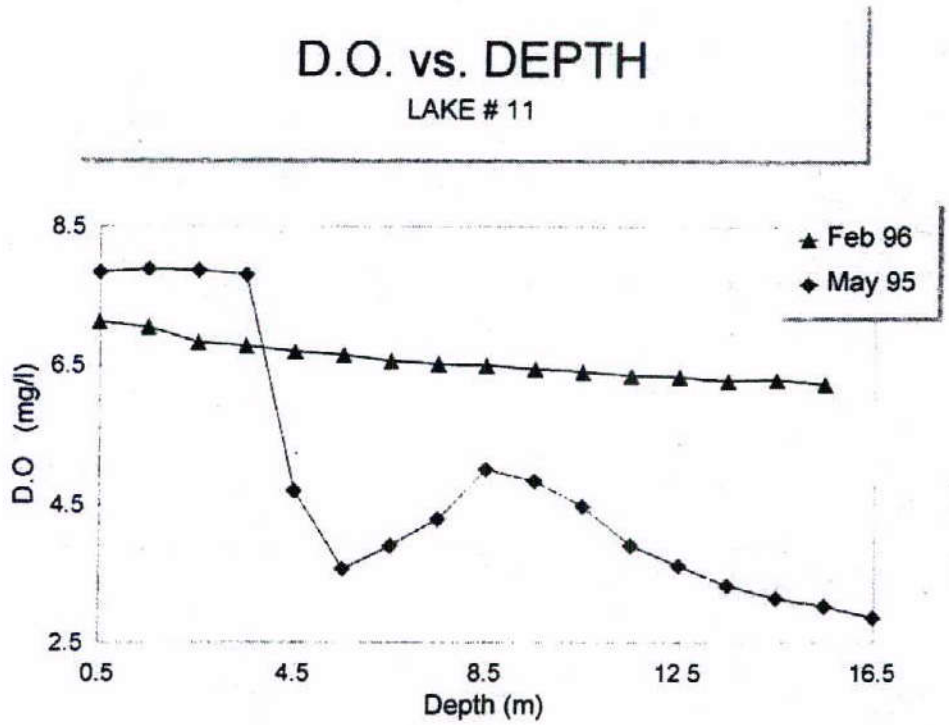

D.O. vs. DEPTH
LAKE # 10
11
9
7
5
3
D.O. (mg/l)
0.5
2.5
4.5
6.5
8.5
10.5
Depth (m)
Feb 96
May 95

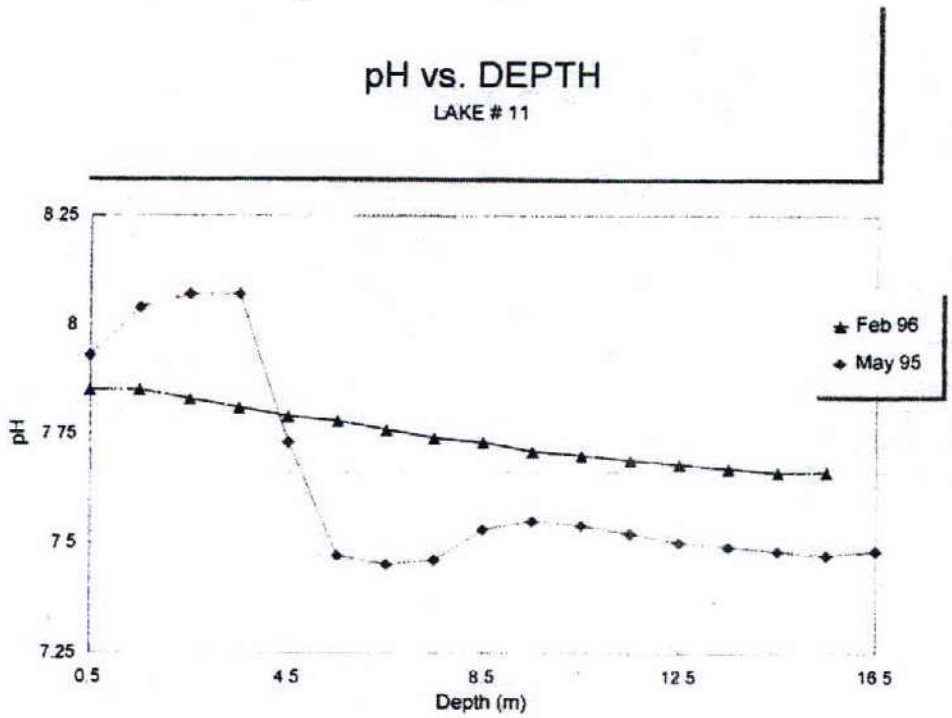

pH vs. DEPTH
LAKE # 10
8.25
8
7 75
7 5
pH
0.5
2.5
4.5
6.5
8.5
10.5
Depth (m)
Feb 96
May 95

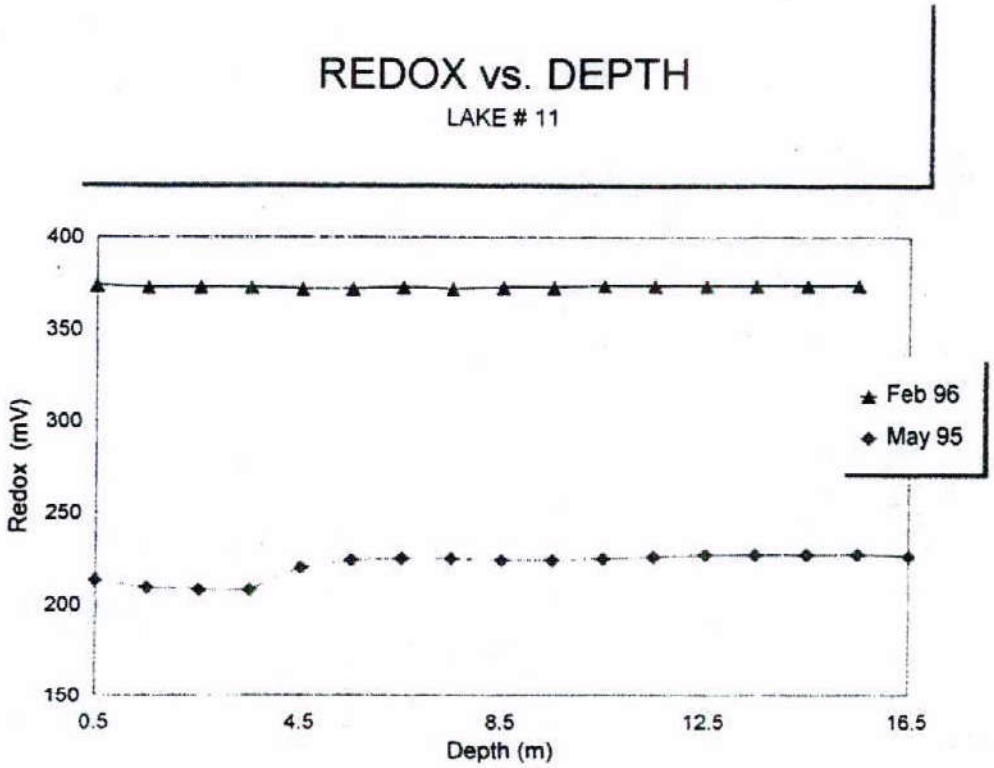

REDOX vs. DEPTH
LAKE # 10
450
375
300
225
150
Redox (mV)
0 5
2.5
4 5
6.5
8.5
10.5
Depth (m)
Feb 96
May 95

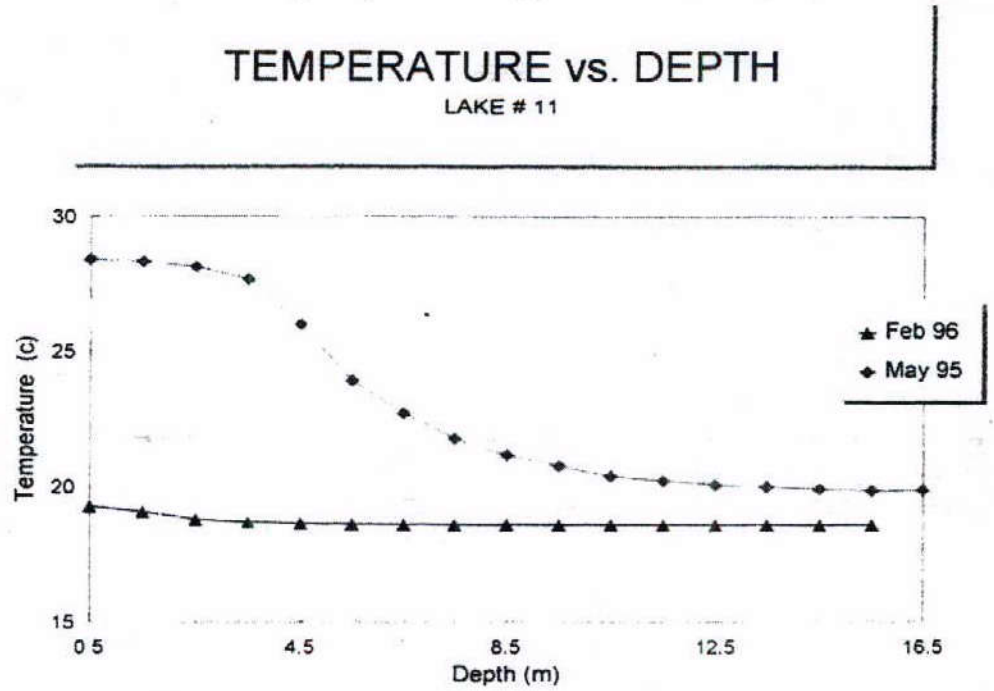

TEMPERATURE vs. DEPTH
LAKE # 10
Temperature (c)
35
30
25
20
15
0.5
2.5
4.5
6.5
8.5
10.5
Depth (m)
Feb 96
May 95


CONDUCTIVITY vs. DEPTH
LAKE # 11
Conductivity (us/cm)
675
650
625
600
575
0.5
4.5
8.5
12.5
16.5
Depth (m)
Feb 96
May 95


D.O. vs. DEPTH
LAKE # 11
Feb 96
May 95
D.O (mg/l)
8.5
6.5
4.5
2.5
0.5
4.5
8.5
12 5
16.5
Depth (m)


pH vs. DEPTH
LAKE # 11
Feb 96
May 95
pH
8.25
8
7 75
7 5
7.25
0 5
4 5
8 5
12 5
16 5
Depth (m)


REDOX vs. DEPTH
LAKE # 11
400
350
300
250
200
150
Redox (mV)
0.5
4.5
8.5
12.5
16.5
Depth (m)
Feb 96
May 95


TEMPERATURE vs. DEPTH
LAKE # 11
30
25
20
15
Temperature (c)
0 5
4.5
8.5
12.5
16.5
Depth (m)
Feb 96
May 95