Oklahoma Water Watch
Hydrolab Lake Profile Data

OKLAHOMA WATER WATCH

☐ Received _____
☐ Contact _____
☐ Reviewed _____
☐ Entered _____

Lake Name: Gold Lake	County:	Site #:
Monitor: Ashley Noonan	Group Name:	Date: 2/23/08
Instrument #:	Instrument Type: (circle one) Scout Quanta	Last Calibration:

Start Time (24-hr clock)				End Time (24-hr clock)				Total Sample Time (24-hr clock)			
H	H	M	M	H	H	M	M	H	H	M	M

Basic Parameter Results	Surface
Air Temperature (°C)	1°
Secchi Disk Depth (cm)	210
Water Color (BCS)	green

Advanced Parameters	DI Blank	Surface	Bottom
Phosphate Phosphorus (ppm)			
Lot number Phos Ver 3			
Nitrate Nitrogen (ppm)			
Lot number Nitri Ver 6 & 3			
Ammonia Nitrogen (ppm)			
Lot number Amm Sal & Cyan			

Comments:
ICE THICKNESS - 50cm
SNOW THICKNESS: 1-2cm
Max depth 660cm

Physical Characteristics

Cloud Cover [1]
0 = cloudless
1 = partly Cloudy
2 = overcast
3 = fog/haze
4 = drizzle
5 = intermittent rain
6 = rain/ thunderstorm

Wind Speed [1]
0 = calm
1 = slight breeze
2 = breezy
3 = strong
4 = gusty

Wind Direction [1]
0 = no wind
1 = north
2 = south
3 = east
4 = west
5 = northeast
6 = northwest
7 = southeast
8 = southwest

Waves [ ]
0 = calm
1 = ripples
2 = small waves
3 = moderate waves
4 = white caps

Aquatic Macrophytes [ ]
0 = none
1 = minimal
2 = moderate
3 = substantial
4 = abundant

Previous Weeks Weather: Est. precip. during past week.

Precipitation ranges	Days before sampling	Rating
0 = none	6	
1 = (0 - 0.1 in.)	5	
2 = (0.11 - 0.5 in.)	4	
3 = (0.51 - 1.0 in.)	3	
4 = (1.1 - 2.0 in.)	2	
5 = (> 2.0 in.)	1	
	Today	

Certified Monitor's Signature _____ Date _____ Data Manager's Signature _____

Please send completed data sheet to: Oklahoma Water Watch, 3800 N. Classen Blvd., Oklahoma City, OK 73118

Revised 9/02

1.3C = Surface water temperature taken with handheld digital thermometer.
Sonde temperature correction = 1.3-1.8 = -0.5C

Hydrolab Profile

Please record all data, make a copy and use separate sheet if necessary.

DEPTH (m)	TEMPERATURE (°C)	pH (s.u.)	DISSOLVED OXYGEN (mg/l)	CONDUCTIVITY (µs/cm)	~~ORP (mV)~~ Dissolved O2	TDS (mg/l)
0.1	1.8	7.6	9.4	21.3	89.6	
0.5	2°C	8.23	11.86	26.1	119.7	
1.0	4°	8.5	11.25	25.6	117.7	
1.5	4.1	8.74	11.08	25.6	116.5	
2.0	4.14	8.77	10.74	25.3	113.6	
2.5	4.19	8.66	10.02	24.8	105.6	
3.0	4.25	8.48	9.4	24.8	97.2	
3.5	4.29	8.31	7.54	24.8	80.1	
4.0	4.35	8.18	5.11	25.4	53.3	
4.5	4.36	8.06	1.73	26.6	16.0	
5.0	4.36	7.81	0.74	27.0	7.5	
5.5	4.40	7.76	0.14	28.4	1.4	
6.0	4.42	7.34	0.12	34.3	1.2	
6.4	4.60	6.95	0.12	50.9	1.2	