

DNR BASELINE MONITORING

Lake Name Golden Lake Date 4/15/03 Time 11:00 AM

Sample Location (e.g., deepest point in basin) 47ft - Deep Hole

WBIC 775900 % Cloud Cover/Precip 20% / Sunny / Dry

Observers Bunk Wind Speed 15 mph from sw Direction
Robinson

Field Measurements and Observations

✓ Secchi Disk 3.4 (m) or ft) Custer Color Strip Reading 6

Algae Development – Not apparent _____
Slight (just visible) _____
Moderate (quite noticeable) + _____
Heavy (very green) _____

Site depth 47ft (m or ft)

✓ pH at 1 meter 8.25

Profiles

Depth ft or m	DO mg/L	Temp °C	Cond µS	Depth ft or m	DO mg/L	Temp °C	Cond µS	Depth ft or m	DO mg/L	Temp °C	Cond µS
3	12.99	10.55	402	33	14.79	4.69	396				
6	13.70	10.52	402	36	14.75	4.64	395				
9	13.85	10.42	401	39	14.61	4.49	396				
12	14.07	10.09	400	42	14.46	4.49	396				
15	14.19	9.83	400								
18	14.23	9.76	398								
21	14.71	7.09	399								
24	14.9	6.55	396								
27	14.89	5.19	395								
30	14.88	4.85	396								

Meter Type and ID Number(s) HydroLab

Water Samples

Depth of Integrated Surface Water Sample 1 m or ft SLH Field Number Gold 1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

43° 02.013' N
088° 32.070' W

DNR BASELINE MONITORING

Lake Name Golden Lake Date 8/11/03 Time 12:40
 Sample Location (e.g., deepest point in basin) Deepest spot at 45ft
 WBIC _____ % Cloud Cover/Precip 95% cloud cover, dry
 Observers Heidi Bank Wind Speed 5-10 mph from NW Direction
 Erica King

Field Measurements and Observations

✓ Secchi Disk 35 (m or ft) Custer Color Strip Reading 2
 Algae Development – Not apparent _____ Site depth 42 (m or ft)
 Slight (just visible) _____
 Moderate (quite noticeable) X
 Heavy (very green) _____ ✓ pH at 1 meter 7.32

Profiles

Depth ft or m	DO mg/L	Temp °C	Cond µS	Depth ft or m	DO mg/L	Temp °C	Cond µS	Depth ft or m	DO mg/L	Temp °C	Cond µS
1ft	8.72	25.07	392	30ft	8.00	15.55	418				
3ft	8.69	25.08	391	33ft	8.13	12.76	427				
6ft	8.74	25.08	391	36ft	8.11	11.74	428				
9ft	8.74	25.07	392	39ft	8.09	11.17	429				
12ft	8.7	25.07	392								
15ft	8.74	25.07	392								
18ft	8.19	24.9	393								
21ft	5.10	23.45	408								
24ft	2.62	22.94	416								
27ft	1.25	18.73	418								

Meter Type and ID Number(s) Hydrolab Sverreger 3

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number Gold 1
 Amount filtered for chlorophyll _____ mLs

Comments / Observations

N 43° 01.805' 10 satellites
 W 088° 32.097' 3D
 elevation: 851.2ft
 Accuracy: 16.1ft
 pH @ 10 would not calibrate on hydrolab

DNR BASELINE MONITORING

Lake Name Golden Lake Date 04/15/04 Time 1:20

Sample Location (e.g., deepest point in basin) 47 @ ft deep spot

WBIC _____ % Cloud Cover/Precip 50%

Observers Reachel Gell Wind Speed 10 mph from SW Direction

Erin King

Field Measurements and Observations

✓ Secchi Disk 7 (m or ft)

Custer Color Strip Reading 6

Algae Development – Not apparent _____
 Slight (just visible) _____
 Moderate (quite noticeable) _____
 Heavy (very green) _____

Site depth 47 (m or ft)
 pH at 1 meter _____

Profiles

Depth ft or m	DO mg/L	Temp °C	Cond µS	Depth ft or m	DO mg/L	Temp °C	Cond µS	Depth ft or m	DO mg/L	Temp °C	Cond µS
3	12.6	9.85	421	7.87 ✓							
6	11.91	9.85	426	7.86							
9	11.75	9.74	427	7.85							
12	11.54	9.74	426	7.85							
15	11.61	9.7	425	7.85							

Meter Type and ID Number(s) HydroLab data sonde 4A

Water Samples

Depth of Integrated Water Sample 1 m or ft SLH Field Number GOLD1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

Elevation - 841.7 N 43° 01.900'
 Accuracy - 19.8 W 088° 32.021'

DNR BASELINE MONITORING

Lake Name Golden

Date 8/10/04

Time 3:50 PM

Sample Location (e.g., deepest point in basin) Deep Spot @ 40ft

WBIC _____

% Cloud Cover/Precip 50% / Dry

Observers Powers
Bunk

Wind Speed 10-15 mph from SW Direction

Field Measurements and Observations

✓ Secchi Disk 2.7 (m or ft)

Custer Color Strip Reading 2

Algae Development – Not apparent _____
Slight (just visible) _____
Moderate (quite noticeable) _____
Heavy (very green) _____

Site depth 43.6 (m or ft)

pH at 1 meter 8.49 ✓

Profiles

Depth ft or m	DO mg/L	Tmp °C	Cond µS	Depth ft or m	DO mg/L	Tmp °C	Cond µS	Depth ft or m	DO mg/L	Tmp °C	Cond µS
3	9.21	24.2	392	33	0.50	13.71	428				
6	9.43	24.2	393	36	0.44	12.57	433				
9	9.54	24.19	393	39	0.42	11.97	439				
12	9.34	23.96	392	42	0.41	11.57	446				
15	9.17	23.47	393								
18	8.14	22.91	398								
21	1.72	21.27	413								
24	1.13	19.14	415								
27	0.71	17.05	415								
30	0.52	14.96	423								

Meter Type and ID Number(s) Hydrolab Surveyor 3

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number Gold1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

N 43° 01.799'
 W 088° 32.014'
 3D Diff.
 accur 14.5 ft
 elevation 852.4 ft