

Phytoplankton Sample Analysis

Sample: Klamath Basin
Sample Site: KR 9061 IRJW
Sample Depth:
Sample Date: 8-Jun-09

Total Density (#/mL): 8,584
Total Biovolume (um³/mL): 20,934,843
Trophic State Index: 71.8

Species	Density #/mL	Density Percent	Biovolume um ³ /mL	Biovolume Percent
1 Anabaena flos-aquae	6,855	79.9	18,829,827	89.9
2 Melosira granulata	513	6.0	1,691,250	8.1
3 Cryptomonas erosa	192	2.2	99,938	0.5
4 Fragilaria vaucheriae	192	2.2	110,700	0.5
5 Fragilaria construens venter	192	2.2	52,583	0.3
6 Fragilaria construens	128	1.5	43,050	0.2
7 Cymbella minuta	64	0.7	23,703	0.1
8 Nitzschia amphibia	64	0.7	6,150	0.0
9 Cyclotella stelligera	64	0.7	3,523	0.0
10 Nitzschia acicularis	64	0.7	17,938	0.1
11 Rhoicosphenia curvata	64	0.7	7,495	0.0
12 Stephanodiscus hantzschii	64	0.7	7,688	0.0
13 Nitzschia palea	64	0.7	11,531	0.1
14 Cocconeis placentula	64	0.7	29,469	0.1

Anabaena flos-aquae cells/mL = 281,042
 Anabaena flos-aquae heterocysts/mL = 12,684