

Phytoplankton Sample Analysis

Sample: Klamath Basin
Sample Site: KR 9062 IRCC
Sample Depth:
Sample Date: 8-Jun-09

Total Density (#/mL): 310
Total Biovolume (um³/mL): 264,604
Trophic State Index: 40.3

Species	Density #/mL	Density Percent	Biovolume um ³ /mL	Biovolume Percent
1 Fragilaria vaucheriae	50	16.2	17,318	6.5
2 Anabaena flos-aquae	50	16.2	83,936	31.7
3 Melosira granulata	32	10.3	106,987	40.4
4 Stephanodiscus hantzschii	23	7.4	2,733	1.0
5 Cryptomonas erosa	18	5.9	9,476	3.6
6 Ankistrodesmus falcatus	18	5.9	456	0.2
7 Fragilaria construens	14	4.4	6,123	2.3
8 Nitzschia amphibia	14	4.4	1,312	0.5
9 Fragilaria construens venter	14	4.4	1,509	0.6
10 Nitzschia paleacea	9	2.9	893	0.3
11 Cocconeis placentula	9	2.9	4,191	1.6
12 Rhodomonas minuta	9	2.9	182	0.1
13 Fragilaria capucina mesolepta	9	2.9	5,808	2.2
14 Nitzschia linearis	5	1.5	6,943	2.6
15 Navicula capitata	5	1.5	2,187	0.8
16 Cyclotella stelligera	5	1.5	251	0.1
17 Nitzschia frustulum	5	1.5	547	0.2
18 Synedra ulna	5	1.5	9,066	3.4
19 Gomphonema angustatum	5	1.5	820	0.3
20 Asterionella formosa	5	1.5	1,002	0.4
21 Nitzschia dissipata	5	1.5	1,225	0.5
22 Navicula anglica	5	1.5	1,640	0.6

Anabaena flos-aquae cells/mL = 1,253
 Anabaena flos-aquae heterocysts/mL = 59

Aquatic Analysts

Sample ID: ML21