

Advanced Eco-Solutions Inc. Phytoplankton Report

Lake:	Hayden Lake	Station:	Bob's Bay	Depth:	NP
Date:	4 /16/2024	Magnif:	900	Comment	

Nat. Count. units/ml BioV. mm3/L

<i>Cyanophyte</i>		<i>Blue-greens</i>		
ABDI	Chroococcus sp. (cells)		97.57	0.0122
AEXI	Merismopedia sp. (cells)		195.13	0.0006
AHNI	Synechococcus sp. (coccoid)		3000.13	0.0120
AHOI	Synechococcus sp. (rod)		292.70	0.0012
AHPI	Synechocystis		48.78	0.0004
		Group Total	3634.30	0.0263
<i>Chlorophyte</i>		<i>Coccoid Greens, Desmid</i>		
ABAI	Chlorella		24.39	0.0005
AFJI	Nephroselmis		24.39	0.0025
AFOI	Oocystis sp. (cells)		24.39	0.0030
		Group Total	73.17	0.0061
<i>Bacillariophyte</i>		<i>Diatoms</i>		
AABI	Achnanthyidium sp.		48.78	0.0039
AAFI	Amphora (small)		24.39	0.0061
ACFI	Cyclotella sp.		390.26	0.0585
ADHI	Fragilaria crotonensis		121.96	0.0085
ADWI	Gomphonema sp. (small)		24.39	0.0061
AHRI	Synedra acus		73.17	0.0073
		Group Total	682.96	0.0905
<i>Dinophyte</i>		<i>Dinoflagellates</i>		
AEBI	Gymnodinium sp. (medium)		48.78	0.0195
AECI	Gymnodinium sp. (small)		48.78	0.0098
		Group Total	97.57	0.0293
<i>Chryso- & Cryptophyte</i>		<i>Flagellates</i>		
ABCI	Chromulina sp.		414.65	0.0083
ABHI	Chrysococcus		73.17	0.0055
ABZI	Cryptomonas sp. (large)		24.39	0.0085
ACAI	Cryptomonas sp. (medium)		146.35	0.0256
ACBI	Cryptomonas sp. (small)		73.17	0.0073
AENI	Chroomonas acuta		536.61	0.0268
AEOI	Komma sp.		121.96	0.0122
AFNI	Ochromonas sp.		146.35	0.0220
AGZI	Small microflagellates		3024.52	0.0151
AIBI	Trachelomonas sp.		24.39	0.0037
		Group Total	4585.57	0.1350
Station Totals:			9073.57	0.2872
Comment::				

Advanced Eco-Solutions Inc. Phytoplankton Report

Lake:	Hayden Lake	Station:	Bob's Bay	Depth:	NP
Date:	4 /30/2024	Magnif:	900	Comment	

Nat. Count. units/ml BioV. mm3/L

<i>Cyanophyte</i>		<i>Blue-greens</i>	
AHNI	Synechococcus sp. (coccoid)	2878.17	0.0115
AHOI	Synechococcus sp. (rod)	195.13	0.0008
AJMI	Aphanothece minutissimus	731.74	0.0029
Group Total		3805.04	0.0152
<i>Chlorophyte</i>		<i>Coccoid Greens, Desmid</i>	
AFJI	Nephroselmis	24.39	0.0025
AHZI	Tetraedron	24.39	0.0012
Group Total		48.78	0.0038
<i>Bacillariophyte</i>		<i>Diatoms</i>	
AABI	Achnanthidium sp.	24.39	0.0020
AAOI	Asterionella formosa	48.78	0.0049
ABSI	Cocconeis sp.	73.17	0.0146
ACFI	Cyclotella sp.	97.57	0.0146
ACHI	Cymbella sp. (large)	24.39	0.0122
ADHI	Fragilaria crotonensis	24.39	0.0017
ADVI	Gomphonema sp. (medium)	73.17	0.0366
AHRI	Synedra acus	48.78	0.0049
Group Total		414.65	0.0915
<i>Dinophyte</i>		<i>Dinoflagellates</i>	
AEBI	Gymnodinium sp. (medium)	24.39	0.0098
AECI	Gymnodinium sp. (small)	24.39	0.0049
Group Total		48.78	0.0146
<i>Chryso- & Cryptophyte</i>		<i>Flagellates</i>	
ABCI	Chromulina sp.	121.96	0.0024
ABHI	Chrysococcus	48.78	0.0037
ACAI	Cryptomonas sp. (medium)	73.17	0.0128
ACBI	Cryptomonas sp. (small)	73.17	0.0073
AEJI	Kephyrion sp.	24.39	0.0012
AENI	Chroomonas acuta	390.26	0.0195
AEOI	Komma sp.	97.57	0.0098
AFNI	Ochromonas sp.	48.78	0.0073
AGZI	Small microflagellates	3170.87	0.0159
Group Total		4048.96	0.0799
Station Totals:		8366.22	0.2050
Comment::			

Advanced Eco-Solutions Inc. Phytoplankton Report

Lake:	Hayden Lake	Station:	Bob's Bay	Depth:	NP
Date:	5 /14/2024	Magnif:	900	Comment	

Nat. Count. units/ml BioV. mm3/L

<i>Cyanophyte</i>		<i>Blue-greens</i>	
ABDI	Chroococcus sp. (cells)	146.35	0.0183
AHNI	Synechococcus sp. (coccoid)	2439.13	0.0098
AHOI	Synechococcus sp. (rod)	97.57	0.0004
AHPI	Synechocystis	24.39	0.0002
Group Total		2707.43	0.0286
<i>Chlorophyte</i>		<i>Coccoid Greens, Desmid</i>	
AFCI	Monoraphidium	24.39	0.0049
AFJI	Nephroselmis	48.78	0.0051
AFOI	Oocystis sp. (cells)	73.17	0.0091
AGYI	Scourfieldia	24.39	0.0007
Group Total		170.74	0.0198
<i>Bacillariophyte</i>		<i>Diatoms</i>	
ACII	Cymbella sp. (medium)	24.39	0.0061
ADFI	Fragilaria capucina	24.39	0.0018
AHRI	Synedra acus	24.39	0.0024
Group Total		73.17	0.0104
<i>Dinophyte</i>		<i>Dinoflagellates</i>	
AEBI	Gymnodinium sp. (medium)	73.17	0.0293
AECI	Gymnodinium sp. (small)	73.17	0.0146
Group Total		146.35	0.0439
<i>Chryso- & Cryptophyte</i>		<i>Flagellates</i>	
ABCI	Chromulina sp.	365.87	0.0073
ACAI	Cryptomonas sp. (medium)	146.35	0.0256
ACBI	Cryptomonas sp. (small)	97.57	0.0098
AENI	Chroomonas acuta	292.70	0.0146
AEOI	Komma sp.	48.78	0.0049
AFNI	Ochromonas sp.	121.96	0.0183
AGZI	Small microflagellates	2609.87	0.0130
AIBI	Trachelomonas sp.	24.39	0.0037
Group Total		3707.48	0.0972
Station Totals:		6805.17	0.1999
Comment::			

Advanced Eco-Solutions Inc. Phytoplankton Report

Lake:	Hayden Lake	Station:	Bob's Bay	Depth:	NP
Date:	6 /1 /2024	Magnif:	900	Comment	

Nat. Count. units/ml BioV. mm3/L

<i>Cyanophyte</i>		<i>Blue-greens</i>	
ABDI	Chroococcus sp. (cells)	97.57	0.0122
AEXI	Merismopedia sp. (cells)	195.13	0.0006
AFAI	Microcystis sp. (cells)	1219.57	0.0024
AHNI	Synechococcus sp. (coccoid)	1561.04	0.0062
AHOI	Synechococcus sp. (rod)	73.17	0.0003
AHPI	Synechocystis	24.39	0.0002
Group Total		3170.87	0.0220
<i>Chlorophyte</i>		<i>Coccoid Greens, Desmid</i>	
ADAI	Euglena	24.39	0.0610
ADQI	Gloeococcus sp.	1414.70	0.1415
AFOI	Oocystis sp. (cells)	24.39	0.0030
AHZI	Tetraedron	24.39	0.0012
Group Total		1487.87	0.2067
<i>Bacillariophyte</i>		<i>Diatoms</i>	
AABI	Achnanthisdium sp.	24.39	0.0020
AAOI	Asterionella formosa	97.57	0.0098
ACFI	Cyclotella sp.	24.39	0.0037
ACJI	Cymbella sp. (small)	24.39	0.0024
Group Total		170.74	0.0178
<i>Dinophyte</i>		<i>Dinoflagellates</i>	
AEBI	Gymnodinium sp. (medium)	24.39	0.0098
AECI	Gymnodinium sp. (small)	73.17	0.0146
Group Total		97.57	0.0244
<i>Chryso- & Cryptophyte</i>		<i>Flagellates</i>	
ABCI	Chromulina sp.	170.74	0.0034
ACAI	Cryptomonas sp. (medium)	24.39	0.0043
ACBI	Cryptomonas sp. (small)	24.39	0.0024
AENI	Chroomonas acuta	243.91	0.0122
AEUI	Mallomonas sp. (medium)	24.39	0.0073
AFNI	Ochromonas sp.	97.57	0.0146
AGZI	Small microflagellates	1609.83	0.0080
Group Total		2195.22	0.0523
Station Totals:		7122.26	0.3232
Comment::			

Advanced Eco-Solutions Inc. Phytoplankton Report

Lake:	Hayden Lake	Station:	Bob's Bay	Depth:	NP
Date:	6 /18/2024	Magnif:	900	Comment	

Nat. Count. units/ml BioV. mm3/L

<i>Cyanophyte</i>		<i>Blue-greens</i>	
AAHI	Anabaena sp.	1341.52	0.0671
ABDI	Chroococcus sp. (cells)	97.57	0.0122
AEXI	Merismopedia sp. (cells)	195.13	0.0006
AHNI	Synechococcus sp. (coccoid)	1609.83	0.0064
AHOI	Synechococcus sp. (rod)	195.13	0.0008
AJMI	Aphanothece minutissimus	1707.39	0.0068
Group Total		5146.57	0.0939
<i>Chlorophyte</i>		<i>Coccoid Greens, Desmid</i>	
AAJI	Ankistrodesmus sp.	24.39	0.0020
AFCI	Monoraphidium	24.39	0.0049
AFJI	Nephroselmis	24.39	0.0025
AFOI	Oocystis sp. (cells)	48.78	0.0061
AGXC	Scenedesmus sp.	48.78	0.0029
AGYI	Scourfieldia	24.39	0.0007
AHZI	Tetraedron	24.39	0.0012
Group Total		219.52	0.0203
<i>Bacillariophyte</i>		<i>Diatoms</i>	
AAFI	Amphora (small)	24.39	0.0061
ABSI	Cocconeis sp.	24.39	0.0049
ACFI	Cyclotella sp.	48.78	0.0073
ACXI	Epithemia sp.	24.39	0.0085
AHRI	Synedra acus	48.78	0.0049
AHTI	Synedra nana	24.39	0.0017
AJGI	Rhopalodia gibba	24.39	0.0018
Group Total		219.52	0.0352
<i>Chryso- & Cryptophyte</i>		<i>Flagellates</i>	
ABCI	Chromulina sp.	219.52	0.0044
ABHI	Chrysococcus	24.39	0.0018
ACAI	Cryptomonas sp. (medium)	48.78	0.0085
ACBI	Cryptomonas sp. (small)	97.57	0.0098
AENI	Chroomonas acuta	243.91	0.0122
AEOI	Komma sp.	73.17	0.0073
AFNI	Ochromonas sp.	48.78	0.0073
AGZI	Small microflagellates	1926.91	0.0096
Group Total		2683.04	0.0610
Station Totals:		8268.65	0.2105
Comment::			

Advanced Eco-Solutions Inc. Phytoplankton Report

Lake:	Hayden Lake	Station:	Bob's Bay	Depth:	NP
Date:	7 /2 /2024	Magnif:	900	Comment	

Nat. Count. units/ml BioV. mm3/L

<i>Cyanophyte</i>		<i>Blue-greens</i>	
AAHI	Anabaena sp.	8951.61	0.4476
AHNI	Synechococcus sp. (coccoid)	2000.09	0.0080
AHOI	Synechococcus sp. (rod)	24.39	0.0001
AHPI	Synechocystis	48.78	0.0004
AJMI	Aphanothece minutissimus	1341.52	0.0054
Group Total		12366.39	0.4614
<i>Chlorophyte</i>		<i>Coccoid Greens, Desmid</i>	
AAJI	Ankistrodesmus sp.	24.39	0.0020
ADAI	Euglena	24.39	0.0610
AFJI	Nephroselmis	24.39	0.0025
AFOI	Oocystis sp. (cells)	73.17	0.0091
AGXC	Scenedesmus sp.	24.39	0.0015
AHZI	Tetraedron	24.39	0.0012
Group Total		195.13	0.0773
<i>Bacillariophyte</i>		<i>Diatoms</i>	
ACJI	Cymbella sp. (small)	24.39	0.0024
ACXI	Epithemia sp.	24.39	0.0085
ADHI	Fragilaria crotonensis	195.13	0.0137
ADVI	Gomphonema sp. (medium)	24.39	0.0122
Group Total		268.30	0.0368
<i>Dinophyte</i>		<i>Dinoflagellates</i>	
AEBI	Gymnodinium sp. (medium)	48.78	0.0195
Group Total		48.78	0.0195
<i>Chryso- & Cryptophyte</i>		<i>Flagellates</i>	
ABCI	Chromulina sp.	48.78	0.0010
ABHI	Chrysococcus	24.39	0.0018
ABZI	Cryptomonas sp. (large)	24.39	0.0085
ACAI	Cryptomonas sp. (medium)	146.35	0.0256
ACBI	Cryptomonas sp. (small)	121.96	0.0122
AENI	Chroomonas acuta	365.87	0.0183
AEOI	Komma sp.	24.39	0.0024
AEVI	Mallomonas sp. (small)	24.39	0.0030
AFNI	Ochromonas sp.	24.39	0.0037
AGZI	Small microflagellates	2146.43	0.0107
Group Total		2951.35	0.0873
Station Totals:		15829.96	0.6824
Comment::			

Advanced Eco-Solutions Inc. Phytoplankton Report

Lake:	Hayden Lake	Station:	Mid-Lake	Depth:	NP
Date:	7 /2 /2024	Magnif:	900	Comment	

Nat. Count. units/ml BioV. mm3/L

<i>Cyanophyte</i>		<i>Blue-greens</i>	
AAHI	Anabaena sp.	1804.96	0.0902
ABDI	Chroococcus sp. (cells)	48.78	0.0061
AHNI	Synechococcus sp. (coccoid)	1390.30	0.0056
AHOI	Synechococcus sp. (rod)	73.17	0.0003
AHPI	Synechocystis	48.78	0.0004
AJMI	Aphanothece minutissimus	487.83	0.0020
Group Total		3853.83	0.1045
<i>Chlorophyte</i>		<i>Coccoid Greens, Desmid</i>	
ABTI	Coelastrum sp. (cells)	195.13	0.0098
ABWI	Cosmarium sp.	24.39	0.0122
AGXC	Scenedesmus sp.	24.39	0.0015
Group Total		243.91	0.0234
<i>Bacillariophyte</i>		<i>Diatoms</i>	
AAFI	Amphora (small)	24.39	0.0061
AAOI	Asterionella formosa	73.17	0.0073
ACFI	Cyclotella sp.	121.96	0.0183
ACII	Cymbella sp. (medium)	24.39	0.0061
ADHI	Fragilaria crotonensis	24.39	0.0017
AHRI	Synedra acus	24.39	0.0024
Group Total		292.70	0.0420
<i>Chryso- & Cryptophyte</i>		<i>Flagellates</i>	
ABCI	Chromulina sp.	97.57	0.0020
ABZI	Cryptomonas sp. (large)	24.39	0.0085
ACAI	Cryptomonas sp. (medium)	146.35	0.0256
ACBI	Cryptomonas sp. (small)	73.17	0.0073
AENI	Chroomonas acuta	97.57	0.0049
AEOI	Komma sp.	24.39	0.0024
AEUI	Mallomonas sp. (medium)	73.17	0.0220
AFNI	Ochromonas sp.	48.78	0.0073
AGZI	Small microflagellates	1341.52	0.0067
Group Total		1926.91	0.0867
Station Totals:		6317.35	0.2566
Comment::			

Advanced Eco-Solutions Inc. Phytoplankton Report

Lake:	Hayden Lake	Station:	Bob's Bay	Depth:	NP
Date:	7 /16/2024	Magnif:	900	Comment	

Nat. Count. units/ml BioV. mm3/L

<i>Cyanophyte</i>		<i>Blue-greens</i>	
AAHI	Anabaena sp.	6707.61	0.3354
AGKI	Planktothrix sp.	4634.35	0.0695
AHNI	Synechococcus sp. (coccoid)	1292.74	0.0052
AHOI	Synechococcus sp. (rod)	73.17	0.0003
AHPI	Synechocystis	73.17	0.0006
AJMI	Aphanothece minutissimus	609.78	0.0024
Group Total		13390.83	0.4134
<i>Chlorophyte</i>		<i>Coccoid Greens, Desmid</i>	
AFOI	Oocystis sp. (cells)	48.78	0.0061
AGXC	Scenedesmus sp.	24.39	0.0015
AGYI	Scourfieldia	24.39	0.0007
AHZI	Tetraedron	48.78	0.0024
Group Total		146.35	0.0107
<i>Bacillariophyte</i>		<i>Diatoms</i>	
ACFI	Cyclotella sp.	24.39	0.0037
ADVI	Gomphonema sp. (medium)	24.39	0.0122
Group Total		48.78	0.0159
<i>Dinophyte</i>		<i>Dinoflagellates</i>	
AECI	Gymnodinium sp. (small)	48.78	0.0098
AFXI	Peridinium spp.	24.39	0.0122
Group Total		73.17	0.0220
<i>Chryso- & Cryptophyte</i>		<i>Flagellates</i>	
ABCI	Chromulina sp.	73.17	0.0015
ABHI	Chrysococcus	24.39	0.0018
ABZI	Cryptomonas sp. (large)	24.39	0.0085
ACAI	Cryptomonas sp. (medium)	243.91	0.0427
ACBI	Cryptomonas sp. (small)	219.52	0.0220
AENI	Chroomonas acuta	195.13	0.0098
AEOI	Komma sp.	24.39	0.0024
AFNI	Ochromonas sp.	24.39	0.0037
AGZI	Small microflagellates	1292.74	0.0065
Group Total		2122.04	0.0988
Station Totals:		15781.17	0.5607
Comment::			

Advanced Eco-Solutions Inc. Phytoplankton Report

Lake:	Hayden Lake	Station:	Bob's Bay	Depth:	NP
Date:	8 /3 /2024	Magnif:	900	Comment	

Nat. Count. units/ml BioV. mm3/L

<i>Cyanophyte</i>		<i>Blue-greens</i>	
AAHI	Anabaena sp.	4634.35	0.2317
AALI	Aphanizomenon sp.	11463.91	0.1720
		11463.91	0.1720
AEXI	Merismopedia sp. (cells)	97.57	0.0003
AGKI	Planktothrix sp.	975.65	0.0146
AHNI	Synechococcus sp. (coccoid)	2780.61	0.0111
AHOI	Synechococcus sp. (rod)	48.78	0.0002
AHPI	Synechocystis	24.39	0.0002
AJMI	Aphanothece minutissimus	8658.91	0.0346
Group Total		40148.09	0.6367
<i>Chlorophyte</i>		<i>Coccoid Greens, Desmid</i>	
ADAI	Euglena	24.39	0.0610
AFJI	Nephroselmis	121.96	0.0127
AFOI	Oocystis sp. (cells)	48.78	0.0061
AGGI	Planktosphaeria	24.39	0.0061
AGYI	Scourfieldia	121.96	0.0037
AHZI	Tetraedron	24.39	0.0012
AIAI	Tetrastrum	24.39	0.0005
Group Total		390.26	0.0912
<i>Bacillariophyte</i>		<i>Diatoms</i>	
AAFI	Amphora (small)	48.78	0.0122
ABSI	Cocconeis sp.	24.39	0.0049
ACII	Cymbella sp. (medium)	24.39	0.0061
Group Total		97.57	0.0232
<i>Dinophyte</i>		<i>Dinoflagellates</i>	
AAYI	Ceratium	24.39	0.1220
AEBI	Gymnodinium sp. (medium)	73.17	0.0293
AECI	Gymnodinium sp. (small)	121.96	0.0244
Group Total		219.52	0.1756
<i>Chryso- & Cryptophyte</i>		<i>Flagellates</i>	
ABCI	Chromulina sp.	219.52	0.0044
ABHI	Chrysococcus	48.78	0.0037
ABZI	Cryptomonas sp. (large)	48.78	0.0171
ACAI	Cryptomonas sp. (medium)	317.09	0.0555
ACBI	Cryptomonas sp. (small)	73.17	0.0073
AENI	Chroomonas acuta	536.61	0.0268
AEOI	Komma sp.	24.39	0.0024
AEUI	Mallomonas sp. (medium)	24.39	0.0073
AFNI	Ochromonas sp.	48.78	0.0073
AGZI	Small microflagellates	3024.52	0.0151
Group Total		4366.04	0.1470

Advanced Eco-Solutions Inc. Phytoplankton Report

Station Totals:

45221.48

1.0737

Comment::

Advanced Eco-Solutions Inc. Phytoplankton Report

Lake:	Hayden Lake	Station:	Bob's Bay	Depth:	NP
Date:	8 /20/2024	Magnif:	900	Comment	

Nat. Count. units/ml BioV. mm3/L

<i>Cyanophyte</i>		<i>Blue-greens</i>		
AAHI	Anabaena sp.		6122.22	0.3061
AEXI	Merismopedia sp. (cells)		975.65	0.0029
AGKI	Planktothrix sp.		2317.17	0.0348
AHNI	Synechococcus sp. (coccoid)		3122.09	0.0125
AHPI	Synechocystis		24.39	0.0002
AJMI	Aphanothece minutissimus		7195.43	0.0288
		Group Total	19756.96	0.3853
<i>Chlorophyte</i>		<i>Coccoid Greens, Desmid</i>		
AAJI	Ankistrodesmus sp.		24.39	0.0020
ADQI	Gloeococcus sp.		243.91	0.0244
AFJI	Nephroselmis		48.78	0.0051
AFOI	Oocystis sp. (cells)		73.17	0.0091
AGGI	Planktosphaeria		390.26	0.0976
AHZI	Tetraedron		48.78	0.0024
		Group Total	829.30	0.1406
<i>Bacillariophyte</i>		<i>Diatoms</i>		
ABSI	Cocconeis sp.		24.39	0.0049
		Group Total	24.39	0.0049
<i>Dinophyte</i>		<i>Dinoflagellates</i>		
AEBI	Gymnodinium sp. (medium)		24.39	0.0098
AECI	Gymnodinium sp. (small)		146.35	0.0293
		Group Total	170.74	0.0390
<i>Chryso- & Cryptophyte</i>		<i>Flagellates</i>		
ABCI	Chromulina sp.		268.30	0.0054
ABHI	Chrysococcus		97.57	0.0073
ABZI	Cryptomonas sp. (large)		48.78	0.0171
ACAI	Cryptomonas sp. (medium)		195.13	0.0341
ACBI	Cryptomonas sp. (small)		146.35	0.0146
AENI	Chroomonas acuta		853.70	0.0427
AEOI	Komma sp.		48.78	0.0049
AEUI	Mallomonas sp. (medium)		24.39	0.0073
AFNI	Ochromonas sp.		97.57	0.0146
AGZI	Small microflagellates		2731.83	0.0137
AIBI	Trachelomonas sp.		73.17	0.0110
		Group Total	4585.57	0.1727
Station Totals:			25366.96	0.7424
Comment::				

Advanced Eco-Solutions Inc. Phytoplankton Report

Lake:	Hayden Lake	Station:	Bob's Bay	Depth:	NP
Date:	9 /6 /2024	Magnif:	900	Comment	

Nat. Count. units/ml BioV. mm3/L

<i>Cyanophyte</i>		<i>Blue-greens</i>	
AAHI	Anabaena sp.	1951.30	0.0976
AALI	Aphanizomenon sp.	365.87	0.0055
		365.87	0.0055
ABDI	Chroococcus sp. (cells)	292.70	0.0366
ABUI	Coelosphaerium sp. (cells)	4878.26	0.0341
AFAI	Microcystis sp. (cells)	2439.13	0.0049
AGHI	Planktolyngbya sp.	243.91	0.0024
AHNI	Synechococcus sp. (coccoid)	2146.43	0.0086
AHOI	Synechococcus sp. (rod)	24.39	0.0001
AHPI	Synechocystis	48.78	0.0004
AIWI	Woronichina sp.	19513.04	0.0781
Group Total		32269.70	0.2737
<i>Chlorophyte</i>		<i>Coccoid Greens, Desmid</i>	
AAWC	Bulbochaete	48.78	0.0976
ABWI	Cosmarium sp.	48.78	0.0244
ACOI	Dictyosphaerium (cells)	487.83	0.0122
ADAI	Euglena	24.39	0.0610
AFJI	Nephroselmis	24.39	0.0025
AFOI	Oocystis sp. (cells)	97.57	0.0122
AGXC	Scenedesmus sp.	24.39	0.0015
AHAI	Sphaerocystis sp.	878.09	0.0351
Group Total		1634.22	0.2464
<i>Bacillariophyte</i>		<i>Diatoms</i>	
ABSI	Cocconeis sp.	24.39	0.0049
ACXI	Epithemia sp.	24.39	0.0085
ADDI	Eunotia sp. (small)	24.39	0.0018
ADFI	Fragilaria capucina	24.39	0.0018
ADHI	Fragilaria crotonensis	24.39	0.0017
Group Total		121.96	0.0188
<i>Dinophyte</i>		<i>Dinoflagellates</i>	
AAYI	Ceratium	24.39	0.1220
AEBI	Gymnodinium sp. (medium)	24.39	0.0098
Group Total		48.78	0.1317
<i>Chryso- & Cryptophyte</i>		<i>Flagellates</i>	
ABCI	Chromulina sp.	219.52	0.0044
ABHI	Chrysococcus	48.78	0.0037
ABZI	Cryptomonas sp. (large)	24.39	0.0085
ACAI	Cryptomonas sp. (medium)	268.30	0.0470
ACBI	Cryptomonas sp. (small)	292.70	0.0293
AENI	Chroomonas acuta	390.26	0.0195
AEOI	Komma sp.	24.39	0.0024
AFNI	Ochromonas sp.	97.57	0.0146
AGZI	Small microflagellates	2487.91	0.0124

Advanced Eco-Solutions Inc. Phytoplankton Report

	Group Total	3853.83	0.1418
Station Totals:		37928.48	0.8125
Comment::			

Advanced Eco-Solutions Inc. Phytoplankton Report

Lake:	Hayden Lake	Station:	Bob's Bay	Depth:	NP
Date:	9 /21/2024	Magnif:	900	Comment	

Nat. Count. units/ml BioV. mm3/L

<i>Cyanophyte</i>		<i>Blue-greens</i>		
AAHI	Anabaena sp.		1585.43	0.0793
AALI	Aphanizomenon sp.		10488.26	0.1573
			10488.26	0.1573
ABDI	Chroococcus sp. (cells)		48.78	0.0061
AEXI	Merismopedia sp. (cells)		97.57	0.0003
AHNI	Synechococcus sp. (coccoid)		1683.00	0.0067
AHOI	Synechococcus sp. (rod)		146.35	0.0006
AJMI	Aphanothece minutissimus		609.78	0.0024
		Group Total	25147.43	0.4101
<i>Chlorophyte</i>		<i>Coccoid Greens, Desmid</i>		
ADAI	Euglena		24.39	0.0610
AFJI	Nephroselmis		48.78	0.0051
AFOI	Oocystis sp. (cells)		48.78	0.0061
AGYI	Scourfieldia		73.17	0.0022
AHZI	Tetraedron		48.78	0.0024
		Group Total	243.91	0.0768
<i>Bacillariophyte</i>		<i>Diatoms</i>		
ADFI	Fragilaria capucina		24.39	0.0018
		Group Total	24.39	0.0018
<i>Dinophyte</i>		<i>Dinoflagellates</i>		
AECI	Gymnodinium sp. (small)		48.78	0.0098
		Group Total	48.78	0.0098
<i>Chryso- & Cryptophyte</i>		<i>Flagellates</i>		
ABCI	Chromulina sp.		219.52	0.0044
ABZI	Cryptomonas sp. (large)		48.78	0.0171
ACAI	Cryptomonas sp. (medium)		365.87	0.0640
ACBI	Cryptomonas sp. (small)		219.52	0.0220
AENI	Chroomonas acuta		341.48	0.0171
AEUI	Mallomonas sp. (medium)		24.39	0.0073
AFNI	Ochromonas sp.		73.17	0.0110
AGZI	Small microflagellates		1780.57	0.0089
		Group Total	3073.30	0.1517
Station Totals:			28537.83	0.6502
Comment::				

Advanced Eco-Solutions Inc. Phytoplankton Report

Lake:	Hayden Lake	Station:	Bob's Bay	Depth:	NP
Date:	10/6 /2024	Magnif:	900	Comment	

Nat. Count. units/ml BioV. mm3/L

<i>Cyanophyte</i>		<i>Blue-greens</i>		
AAHI	Anabaena sp.		292.70	0.0146
AALI	Aphanizomenon sp.		487.83	0.0073
			487.83	0.0073
ABUI	Coelosphaerium sp. (cells)		487.83	0.0034
AHNI	Synechococcus sp. (coccoid)		1097.61	0.0044
AHOI	Synechococcus sp. (rod)		73.17	0.0003
AHPI	Synechocystis		24.39	0.0002
		Group Total	2951.35	0.0376
<i>Chlorophyte</i>		<i>Coccoid Greens, Desmid</i>		
ADQI	Gloeococcus sp.		146.35	0.0146
AHZI	Tetraedron		24.39	0.0012
		Group Total	170.74	0.0159
<i>Bacillariophyte</i>		<i>Diatoms</i>		
ACJI	Cymbella sp. (small)		24.39	0.0024
ACXI	Epithemia sp.		24.39	0.0085
		Group Total	48.78	0.0110
<i>Dinophyte</i>		<i>Dinoflagellates</i>		
AEBI	Gymnodinium sp. (medium)		48.78	0.0195
AECI	Gymnodinium sp. (small)		24.39	0.0049
		Group Total	73.17	0.0244
<i>Chryso- & Cryptophyte</i>		<i>Flagellates</i>		
ABCI	Chromulina sp.		97.57	0.0020
ACAI	Cryptomonas sp. (medium)		146.35	0.0256
ACBI	Cryptomonas sp. (small)		97.57	0.0098
AENI	Chroomonas acuta		268.30	0.0134
AEOI	Komma sp.		48.78	0.0049
AFNI	Ochromonas sp.		48.78	0.0073
AGZI	Small microflagellates		1073.22	0.0054
		Group Total	1780.57	0.0683
Station Totals:			5024.61	0.1571
Comment::				

