

SUPPLEMENTARY Table 1

Numbers of cells (cells·mL⁻¹) of different taxa as observed using bright field microscopy. Samples from technical replicates (n=3) of control water (0 mg·L⁻¹ HP) and treated water (2.5; 5.0; 10 mg·L⁻¹ HP) were collected 25 days after HP addition. Taxa abundance is presented as cell density. Taxa found in samples but not counted in accordance with the method are indicated as zero value.

TAXA	Control (0 mg·L ⁻¹ HP)			Treated (2.5 mg·L ⁻¹ HP)			Treated (5.0 mg·L ⁻¹ HP)			Treated (10 mg·L ⁻¹ HP)		
	1	2	3	1	2	3	1	2	3	1	2	3
<i>Planktothrix agardhii</i>	1,821,818	5,620,364	1,774,545			1,287,273	1,381,818	942,364		507,727	82,727	0
CYANOBACTERIA-TOTAL	1,821,818	5,620,364	1,774,545			1,287,273	1,381,818	942,364		507,727	82,727	
<i>Actinastrum</i> sp.											727	
<i>Chlorophyta</i> > 5 µm cell	1,0526	8,525	15,738	303,448	196,491	11,803	214,035	1,400,000	276,316	1,035,714	771,429	1,603,448
<i>Chlorophyta</i> > 5 µm colony	3,509		2,623	14,035	77,193	9,180	108,772	14,035		61,404	102,615	0
<i>Chlorophyta</i> 2-5 µm cell	1,754		8,525	89,655	17,544	3,934	143,860	428,571	26,316	285,714	200,000	61,404
<i>Chlorophyta</i> 2-5 µm colony								28,070				
<i>Closterium</i> sp.											91	
<i>Closterium acutum</i>			727	2,182	7,273	13,091	2,000	5,818		1,591	1,636	0
<i>Closterium limneticum</i>			364	636	727	364	364	545	0	455	364	0
<i>Coelastrum</i> sp.						5,246						
<i>Crucigeniella apiculata</i>		0	2,623	28,070			0	28,070			39,722	
<i>Desmodesmus</i> sp.	39,474	20,984	6,0328	1,471,429	365,517	43,934	441,379	1,257,143	333,333	1,785,714	1,057,143	1,706,897
<i>Desmodesmus subspicatus</i>	2,632										6,620	
<i>Dictyosphaerium</i> sp.					203,509				109,649	52,632	211,850	
<i>Gloeotila</i> sp.											9,930	
<i>Koliella</i> sp.										8,772		
<i>Koliella longiseta</i>	0											
<i>Monoraphidium</i> sp.	9,211	2,000	20,364	3,509	0	3,279	7,018	28,070		8,772	9,930	8,772
<i>Monoraphidium contortum</i>							3,509					
<i>Mychonastes jurisii</i>			7,213				35,088	42,105				52,632
<i>Oocystis</i> sp.					3,509		0			35,088		
<i>Pediastrum</i> sp.				727								
<i>Pediastrum boryanum</i>							2,909			3,636	2,909	
<i>Pediastrum duplex</i>		0		2,909				1,455	0	1,818		
<i>Scenedesmus</i> sp.	0	0	5,246	84,211	21,053	1,311	42,105	28,070	17,544	105,263	89,374	87,719
<i>Tetrastrum</i> sp.									17,544			
GREEN ALGAE-TOTAL	67,105	31,508	123,750	2,000,811	892,815	92143	1,001,038	3,261,954	780,702	3,386,573	2,504,342	3,520,871

SUPPLEMENTARY Table 1 (CONTINUED)

Numbers of cells (cells·mL⁻¹) of different taxa as observed using bright field microscopy. Samples from technical replicates (n=3) of control water (0 mg·L⁻¹ HP) and treated water (2.5; 5.0; 10 mg·L⁻¹ HP) were collected 25 days after HP-addition. Taxa abundance is presented as cell density. Taxa found in samples but not counted in accordance with the method are indicated as zero value.

TAXA	Control (0 mg·L ⁻¹ HP)			Treated (2.5 mg·L ⁻¹ HP)			Treated (5.0 mg·L ⁻¹ HP)			Treated (10 mg·L ⁻¹ HP)		
	1	2	3	1	2	3	1	2	3	1	2	3
<i>Achnantheidium minutissimum</i>	439	4,590	10,492	17,544	3,509	656	0	10,526	8,772			
<i>Aulacoseira granulata</i>				91							91	
<i>Chaetoceros</i> sp.								28,070				
<i>Cyclotella meneghiniana</i>								10,526		8,772	16,551	0
<i>Cymbella</i> sp.				182								
<i>Fragilaria capucina</i>			1,455	818	2,545							
<i>Navicula</i> sp. < 25 μm	0				364							
<i>Navicula</i> sp. 25-50 μm				91								
<i>Nitzschia</i> sp. 25-50 μm	877	6,545	15,273		23,273	5,818	49,123	63,158	83,333	6,136	43,032	8,772
<i>Nitzschia</i> sp. 50-100 μm	877	3,636	7,273	4,000	15,273	11,636	10,526	14,035	35,088	2,045	13,241	0
<i>Ulnaria</i> sp.		182	2,545	4,182	1,091	2,182	545		0			
DIATOMS-TOTAL	2,193	14,954	37,037	26,907	46,054	20,292	60,195	126,316	127,193	16,954	72,914	8,772
<i>Cryptomonas</i> sp < 15 μm	439		364									
<i>Euglenophyceae</i> < 25 μm						656	0	0	0	682	273	
<i>Euglenophyceae</i> > 25 μm											182	
<i>Phacus tortus</i>								182				
<i>Phacus</i> > 25 μm								0				0
<i>Trachelomonas</i> sp.	439										3,310	
OTHER-TOTAL	877		364			656		182		682	3,765	