



Phytoplankton raw count data for cell density calculations, MAXXAM, Shawnigan Lake 2017.

Client	Lake	Year	Common Name	Phylum	Order	Taxon	Microscope Factor	Fields of View Counted	Subsample Volume (mL)	# of Cells Counted	Cell Density (cells/L)
MAXXAM	Shawnigan Lake	2017	Golden-Brown Algae	Ochrophyta	Chromulinales	Dinobryon sp.	8.04	10	25	1,196	9,613,508
MAXXAM	Shawnigan Lake	2017	Diatoms	Bacillariophyta	Tabellariales	Asterionella formosa	8.04	10	25	50	401,902
MAXXAM	Shawnigan Lake	2017	Diatoms	Bacillariophyta	Fragilariales	Fragilaria sp.	8.04	10	25	13	104,495
MAXXAM	Shawnigan Lake	2017	Blue-green Algae	Cyanophyta	Nostocales	Dolichospermum sp.	8.04	10	25	9	72,342
MAXXAM	Shawnigan Lake	2017	Green Algae	Chlorophyta	Chlorellales	Oocystis sp.	8.04	10	25	8	64,304
MAXXAM	Shawnigan Lake	2017	Diatoms	Bacillariophyta	Cocconeidales	Achnantheidium sp.	8.04	10	25	3	24,114
MAXXAM	Shawnigan Lake	2017	Green Algae	Charophyta	Klebsormidiales	Elakatothrix sp.	8.04	10	25	3	24,114
MAXXAM	Shawnigan Lake	2017	Diatoms	Bacillariophyta	Aulacoseirales	Aulacoseira sp.	8.04	10	25	2	16,076
MAXXAM	Shawnigan Lake	2017	Golden-Brown Algae	Haptophyta	Prymnesiophycidae	Chrysochromulina sp.	8.04	10	25	2	16,076
MAXXAM	Shawnigan Lake	2017	Diatoms	Bacillariophyta	Stephanodiscales	Cyclotella sp.	8.04	10	25	1	8,038
MAXXAM	Shawnigan Lake	2017	Diatoms	Bacillariophyta		Naviculoid Diatom	8.04	10	25	1	8,038
MAXXAM	Shawnigan Lake	2017	Diatoms	Bacillariophyta		Centric Diatom	8.04	10	25	1	8,038
MAXXAM	Shawnigan Lake	2017	Diatoms	Bacillariophyta		Cymbelloid Diatom	8.04	10	25	1	8,038
MAXXAM	Shawnigan Lake	2017	Dinoflagellates	Pyrrhophyta	Peridinales	Peridinium sp.	8.04	10	25	1	8,038
MAXXAM	Shawnigan Lake	2017	Golden-Brown Algae	Ochrophyta	Chromulinales	Chrysolykos sp.	8.04	10	25	1	8,038
MAXXAM	Shawnigan Lake	2017	Green Algae	Chlorophyta	Sphaeropleales	Monoraphidium sp.	8.04	10	25	1	8,038