Toxin and Taste-and-Odor Producing Cyanobacteria (list is not exhaustive)

(LYN, lyngbyatoxin-a; APL, aplysiatoxins; LPS, lipopolysaccharides; CYL, cylindrospermopsins; MC, π-anaGVGBVtoxins; BMAA, β-N-methylamino-L-alaine; NEO, neosaxitoxins; SAX saxitoxins; GEOS, geosmin)

Cyanobacterial Genera	Dermatoxins			Hepatotoxins			Neurotoxins				Tastes and Odors	
	LYN	APL	LPS	CYL	MC	NOD	ANA	BMAA	NEO	SAX	GEOS	MIB
Colonial/Filamentous												
Anabaena			X	X	X		X	X	X	X	X	
Anabaenopsis			X		X							
Aphanizomenon			X	X			X	X	X	X	X	
Aphanocapsa			X		X							
Cylindrospermopsis			X	X				X		X		
Fischerella			X					X			X	
Haplosiphon			X		X							
Hyella			X								X	X
Lyngbya (Plectonema)	X	X	X	X				X		X	X	X
Microcystis			X		X			X				
Nodularia			X			X		X				
Nostoc			X		X			X			X	X
Oscillatoria (Planktothrix)	X	X	X		X		X	X		X	X	X
Phormidium			X				X	X			X	X
Pseudanabaena			X		X							X
Raphidiopsis			X	X			X					
Schizothrix	X	X	X									
Umezakia			X	X								
Unicellular												
Synechococcus			X		X			X			X	X
Synechocystis			X		X			X				

Table courtesy of Jennifer Graham, USGS

Please note, some newer data suggests that Aphanizomenon may be capable of producing microcystins.