

**Freshwater Harmful Algal Bloom Monitoring  
Request for Analysis and Chain of Custody Record**

<b>Group:</b> Fiscal Year: 19/20 <b>PO:</b> EventCode: WQ		<b>Project Code:</b> Sampling Procedures Used: Sampling Agency: Field Crew:		<b>Project Lead:</b> Field Sampling Lead: <b>Bend Genetics Lab Contact:</b> Tim Otten (916) 550-1048 <a href="mailto:ottentim@bendgenetics.com">ottentim@bendgenetics.com</a>							
SampleID	Sampling Location/ Station Name	Sample Date	Collection Time	Sample Volume	Circle / Select			Remarks	Water Analysis Authorization *Circle/select requested analysis, see comments below*		
					Field Preservation	Sample Type Code	Sample Container		One bottle per sampling location/site		
					10% diluent / Stored 2-10°C	Grab / Integrated	Glass / PETG		Toxin Analysis 1 2 3 4	QPCR Analysis 5 6 7 8 9 10	Microscopy 11 12
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<b>Total # sites/bottles:</b>											
<b>Comments:</b> For each row choose analysis corresponding to # 1 - 12 below											
1 Microcystins + Nodularin by ELISA, Total fraction measured (no filtering)				5 Microcystin gene; lab analysis includes concentration + extraction per method				11 Photograph & ID PTOX cyanobacteria			
2 Anatoxin-a by ELISA, Total fraction measured (no filtering)				6 Anatoxin-a gene; lab analysis includes concentration + extraction per method				12 Cyanobacteria ID & enumeration			
3 Cylindrospermopsin by ELISA, Total fraction measured (no filtering)				7 Cylindrospermopsin gene; lab analysis includes concentration + extraction per method							
4 Saxitoxin by ELISA, Total fraction measured (no filtering)				8 Saxitoxin gene; lab analysis includes concentration + extraction per method							
				9 Nodularin gene; lab analysis includes concentration + extraction per method							
				10 Total cyanobacteria; quantifies "cell equivalents/mL", by qPCR							
<b>Samples Relinquished by:</b>				<b>Samples Received by:</b>				<b>Distribution of COC form: Original accompanies shipment, Electronic copy emailed</b>			
Name (Print and Sign)		Date & Time		Name (Print and Sign)		Date & Time		<a href="mailto:customer_service@bendgenetics.com">customer_service@bendgenetics.com</a>			

**Please mail samples with following day delivery (by 10:30 AM):**

**Bend Genetics, LLC  
87 Scripps Drive Ste 301  
Sacramento, CA 95825  
Tel: (916) 550-1048**