

King County Environmental Lab Preliminary Algae Toxin Data Reporting Form									
Update	10/2/20 9:00 AM								
Project	Ecology Algae								
Project	421520-300								
Sample Information				Preliminary Analytical Data					
Collect Date	Receive Date (NOTE 1)	Lab Sample #	Sample Location	Water Body	ADDA ELISA MDL = 0.15 ug/L	ATX-a LC-MS/MS MDL=0.01 ug/L	STX ELISA MDL=0.02 ug/L	CYL LC-MS/MS MDL = 0.05 ug/L	Comments
Surface/Recreational Water Analysis:					Microcystins	Anatoxin-a	Saxitoxin	Cylindrospermopsin	
WaDOH/USEPA Recreational Guideline Levels:					8 ug/L	1 ug/L	75 ug/L	15 ug/L	
29-Sep	30-Sep	L75616-1	CASSSNOH018_20_443	CASSIDY	13	<MDL	NA	NA	boat launch
29-Sep	30-Sep	L75616-2	BLACSNOH132_20_442	BLACKMANS	4	<MDL	NA	NA	boat launch
29-Sep	30-Sep	L75616-3	LONEISLA014_20_434	LONE	12	0.134	NA	NA	boat launch
29-Sep	30-Sep	L75616-4	NEWMSPOK134_20_438	NEWMAN	0.2	<MDL	NA	NA	Diana Bay shoreline
29-Sep	30-Sep	L75616-5	VANCCLAR096_20_439	VANCOUVER	13	<RDL (0.047)	NA	NA	swim beach
29-Sep	30-Sep	L75616-6	VANCCLAR096_20_440	VANCOUVER	3	<RDL (0.011)	NA	NA	flushing channel
29-Sep	30-Sep	L75618-1	EARTISLA000_20_436	EARTH SANCTUARY	<MDL	<MDL	NA	NA	by Newman Rd
29-Sep	30-Sep	L75624-1	CONNELLY-A	MOSES	528	NA	NA	NA	NON-DOE SAMPLE
29-Sep	30-Sep	L75624-2	CONNELLY-B	MOSES	842	NA	NA	NA	NON-DOE SAMPLE
29-Sep	30-Sep	L75624-3	CONNELLY-C	MOSES	502	NA	NA	NA	NON-DOE SAMPLE
29-Sep	30-Sep	L75624-4	CONNELLY-D	MOSES	31	NA	NA	NA	NON-DOE SAMPLE
29-Sep	30-Sep	L75624-5	CONNELLY-E	MOSES	27	NA	NA	NA	NON-DOE SAMPLE
30-Sep	1-Oct	L75628-1	GENEKING287_20_444	GENEVA	0.2	PEND	NA	NA	N. shore
END DATA REPORTED 10/2/20									

The QA/QC process has not been completed for the following data. Reported values may change slightly during the final review, approval and reporting process. Final data and Qualitative Identification (if requested) posted to Nwtoxicalgae.org.

Notes

- <MDL - sample result was below the method detection limit. The toxin was not detected.
- <RDL - sample result was less than the lab's reported detection limit.
- (Dilute) Sample requires dilution and re-analysis due to matrix effects or initial assay above calibration range.
- (pend) sample prep and/or analysis is in progress.
- STX samples held and batched for analysis.

Algae Testing Program under COVID Safety Protocols

The algae testing program is moving into its peak season and KCEL is operating under strict COVID safety protocols that may delay analysis and reporting. Please help us with the following:

1. Plan for a 3-business day reporting from sample receipt. Keep this in mind if you elect to sample late in the week as you may not receive data back before the weekend.
2. Ideally, sample Monday for Tuesday morning delivery to ensure data reporting prior to the weekend.
3. Limit requests for CYL and STX to the first sample of a bloom and/or a public health situation.
4. Data is reported as an emailed pdf after QA/QC review and is posted to NWtoxicalgae.org. Do not call or email the lab inquiring about individual sample results.