

King County Environmental Lab Preliminary Algae Toxin Data Reporting Form									
Update	9/23/20 12:00 PM								
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	
21-Sep	22-Sep	L75553-1	LONEISLA014_20_391	LONE	2373	7.25	NA	NA	boat ramp
21-Sep	22-Sep	L75553-2	CLEATHUR168_20_395	CLEAR	<MDL	<MDL	NA	NA	WDFW boat ramp
21-Sep	22-Sep	L75553-3	BLACTHUR142_20_398	BLACK	0.2	<MDL	NA	NA	WDFW boat ramp
21-Sep	22-Sep	L75553-4	ROUNCLAR095_20_399	ROUND	3	<MDL	NA	NA	at dam
21-Sep	22-Sep	L75553-5	LACACLAR094_20_400	LACAMAS	14	<MDL	NA	NA	cove
21-Sep	22-Sep	L75553-6	BHPAGRAN102_20_392	MOSES	153	NA	NA	NA	Blue Heron Park
21-Sep	22-Sep	L75553-7	MOSEGRAN115_20_393	MOSES	275	NA	NA	NA	Connelly Park
21-Sep	22-Sep	L75553-8	PATTTHUR064_20_394	PATTISON	4	NA	NA	NA	park
21-Sep	22-Sep	L75553-9	LAWRTHUR061-20_396	LAWRENCE	2	NA	NA	NA	park
21-Sep	22-Sep	L75553-10	LONGTHUR062_20_397	LONG	5	NA	NA	NA	swim area
21-Sep	22-Sep	L75553-11	SPANPIER055_20_401	SPANAWAY	dilute	NA	NA	NA	main beach
21-Sep	22-Sep	L75553-12	OHOPPIER048_20_402	OHOP	4	NA	NA	NA	boat launch
21-Sep	22-Sep	L75553-13	PON1GRAY347_20_390	VANCE	0.8	<RDL (0.021)	NA	NA	Pond 1 swim area

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](http://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](http://NWtoxicalgae.org). Do not call or email the lab inquiring about individual sample results.