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ABBREVIATIONS

l	liter
g	gram
m	meter
m ²	square meter
m ³	cubic meter
mm ⁻³ m ⁻³	milli cubicmeter per cubic meter
nm	nanometer
µm	micrometer
ng	nanogram
µg	microgram
mg	milligram
µl	microliter
ml	milliliter
µg ml ⁻¹	microgram per milliliter
µg l ⁻¹	microgram per liter
µg kg ⁻¹	microgram per kilogram
g kg ⁻¹	gram per kilogram
mg l ⁻¹	milligram per liter
mg l ⁻¹ as CaCO ₃	milligram per liter as calcium carbonate
µS cm ⁻¹	microSimens per centimeter
CFU ml ⁻¹	colony forming unit per milliliter
v/v	volume per volume
kHz	kiloHertz
°C	degree Celsius
rpm	revolutions per minute
hr	hour
MeOH	methanol

ABBREVIATIONS (continue)

TFA	tri-fluoro acetic acid
TFA-MeOH	tri-fluoro acetic acid in methanol
DO	dissolved oxygen
BOD ₅	biochemical oxygen demand
cf.	carried forward
MCs	microcystins
HPLC	High Performance Liquid Chromatography
ELISA	Enzyme Link Immuno Sorbent Assay
MVSP	Multivariate Statistical Package
PCA	Principle Component Analysis
DCA	Detrended Correspondence Analysis
CA	Correspondence Analysis
CCA	Canonical Correspondence Analysis

ABBREVIATIONS (continued)

Sampling sites of six study localities in five water resources in each site code

Site name	Code
Reservoir of Mae Kuang Udomtara Dam	MK
Houy Yuak Reservoir (open water)	HYr
Houy Yuak Reservoir (small pond)	HYs
Fish pond	FP
Sakon Nakhon sewage oxidation pond	SK
Prawn pond	PP

ABBREVIATIONS (continue)

Sampling sites of five study localities in four water resources in each season code

Site name	Season	Sampling time (twice a season)	Code
Fish pond	Rainy	First	FPR1
		Second	FPR2
	Cool dry	First	FPC1
		Second	FPC2
	Summer	First	FPS1
		Second	FPS2
Houy Yuak Reservoir (open water)	Rainy	First	HYrR1
		Second	HYrR2
	Cool dry	First	HYrC1
		Second	HYrC2
	Summer	First	HYrS1
		Second	HYrS2
Houy Yuak Reservoir (small pond)	Rainy	First	HYsR1
		Second	HYsR2
	Cool dry	First	HYsC1
		Second	HYsC2
	Summer	First	HYsS1
		Second	HYsS2

ABBREVIATIONS (continue)

Sampling sites of five study localities in four water resources in each season code

Reservoir of Mae Kuang Udomtara Dam	Rainy	First	MKR1
		Second	MKR2
	Cool dry	First	MKC1
		Second	MKC2
	Summer	First	MKS1
		Second	MKS2
Sakon Nakhon sewage oxidation pond	Rainy	First	SKR1
		Second	SKR2
	Cool dry	First	SKC1
		Second	SKC2
	Summer	First	SKS1
		Second	SKS2