



**LONG TERM 2 ENHANCED  
SURFACE WATER TREATMENT RULE (LT2)  
Bin Classification of Source Water Monitoring**

**Part 1: General Public Water System (PWS) and Monitoring Period Information**

Regulatory Agency: <input type="checkbox"/> ADEQ <input type="checkbox"/> PDEQ <input type="checkbox"/> MCESD		Date:
PWS Name:		PWS ID#:
Contact Person:		Phone#:
Email Address:		
Treatment Plant ID: TPSW ____	Treatment Plant Name:	Monitoring Period: MM/YYYY to MM/YYYY TO
Intake ID:	Intake Name:	

**Part 2: Organize Cryptosporidium Results Collected During LT2 Monitoring Period**

Select the method used to determine the system's LT2 Bin Classification:

Arithmetic mean (System collected 48+ samples during LT2 monitoring period)

Highest arithmetic mean during 12 consecutive months (System collected 24-47 samples during LT2 monitoring period )

Highest arithmetic mean of all sample concentration during any year (System operates less than 12 months a year)

- If collected more than 47 samples during LT2 monitoring period: Cryptosporidium concentration is the average of all sample concentrations.
- If collected between 24 - 47 samples during LT2 monitoring period: Cryptosporidium concentration is equal to the highest average of all sample concentrations during any consecutive 12 month period.
- If operates less than 12 months/year: Cryptosporidium concentration is equal to the highest average of all sample concentrations during any year.
- If samples were not collected during a given month, that month should not be included in the excel calculation. Do not enter "0" for month that no sample was collected, as it will cause errors in the average calculations.
- EPA guidance on source water monitoring can be found here: <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P10058CI.txt> and <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P10058CM.txt>

**Part 3: Bin Classification Table Worksheet**

	20	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Y R 1	RESULT 1*												
	RESULT 2*												
	MEAN**												
Y R 2	RESULT 1*												
	RESULT 2*												
	MEAN**												
Y R 3	RESULT 1*												
	RESULT 2*												
	MEAN**												

* ALL RESULTS MUST BE REPORTED IN oocyst/L		Bin Classification Table	
** MONTHLY TOTAL OR 12 MONTH MEAN		Cryptosporidium Concentration	Bin Classification
LT2 Cryptosporidium Concentration*		<0.075 oocyst/L	Bin 1
		≥0.075 oocys/L to <1.0 oocyst/L	Bin 2
Bin Classification		≥1.0 oocyst/L to <3.0 oocyst/L	Bin 3
		≥3.0 oocyst/L	Bin 4

**Part 4: Submission of Treatment Recommendation Forms**

Report Bin classification; excel calculation sheet, if used; and summary of source water monitoring to your regulating agency within 6 months of your system completing the second round of LT2 monitoring.  Check here if above documentation is attached to this form

*I certify that a summary of source water data is included with this document, and that all of the above is correct to the best of my knowledge.*

PRINTED NAME, TITLE	SIGNATURE	DATE
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If you have any questions, contact your County Compliance Assistance Coordinator: [azdeg.gov/DWcomplianceassistance](http://azdeg.gov/DWcomplianceassistance)  
 Submit completed evaluation to: EMAIL: [LT2Rule@azdeg.gov](mailto:LT2Rule@azdeg.gov) -or- MAIL: ADEQ Drinking Water Monitoring and Protection Unit (MC 5415B-2),  
 1110 W. Washington St., Phoenix, AZ 85007