

Summary table of most common data types for public data submittal period, excerpted from draft 2014 *Wisconsin Consolidated Assessment & Listing Methodology (WisCALM)* guidance document  
 1-1-2013

Table 1. Minimum data requirements of conventional parameters for lakes.

<b><i>Parameter</i></b>	<b><i>Min. Sample Quantity/Frequency</i></b>	<b><i>Sampling Period (Season)</i></b>	<b><i>Sampling Protocol</i></b>
Chlorophyll <i>a</i>	7 samples collected over a min. of two years	July 15 - September 15	Surface grab or integrated samples from top 2 m
Total Phosphorus	6 samples collected over a min. of two years	June 1 - September 15	Surface grab or integrated samples from top 2 m
Dissolved Oxygen	10 values from separate calendar days	Ice-free period	Discrete epilimnetic measurements, except 2-story fishery lakes
Temperature	20 values from separate calendar days	Year-round	Discrete epilimnetic measurements, except 2-story fishery lakes
pH	10 values from separate calendar days	Year-round	Discrete epilimnetic measurements, except 2-story fishery lakes
Toxic substances	2 samples w/in a 3-yr period	Year-round	Surface grab or integrated samples from any depth

Table 2. Minimum data requirements of conventional parameters for streams.

<b><i>Parameter</i></b>	<b><i>Min. Sample Quantity/Frequency</i></b>	<b><i>Sampling Period (Season)</i></b>	<b><i>General Sampling Protocol</i></b>
Macroinvertebrates	2 samples (one sample from each of two years)	March – May or September – November	WDNR protocol, June 2000 (available on request)
Fish surveys	2 surveys (one survey from each of two years)	Generally, during base flow conditions	WDNR protocol, March 2001 (available on request)
Total phosphorus	6 samples (one sample per month)	May - October	Surface grab sample
Dissolved oxygen	3 days of continuous measurements	July - August	Continuous measurements collected at a frequency of no less than once per hour
Water Temperature	20 daily average values	May - October	Continuous measurements collected at a frequency of no less than once per hour
pH	10 values from separate calendar days	Year-round	Surface measurement
Toxic substances	2 samples w/in a 3-yr period	Year-round	Surface grab sample