

Monitoring Aquetong Creek
 07/15/2018 to 08/31/2018
 Performed by JJ Schwarz for the AWA

	Temperature		pH	Rugged DO	Rugged DO Sat	Specific Conductivity
	°C			mg/l	%	Siemens per meter
Average	13.40		8.44	10.33	98.70	454.77
Average Deviation	0.73		0.13	0.30	2.01	19.18
Standard Deviation	1.07		0.16	0.18	1.68	9.88

Average °F 56.12

Note the total number of data points collected were 4,527

Definitions

Average Arithmetic mean

Average Deviation (SEM) The average of the absolute deviations of data points from their mean.
 or Standard Error Standard error is a measure of the variability in a data set.

Standard Deviation (SD) The standard deviation measures the amount of variability or dispersion for a subject set of data from the mean, while the standard error of the mean measures how far the sample mean of the data is likely to be from the true population mean. The SEM is always smaller than the SD.

