Table 4-7 Total Suspended Solids Correlation Results

Station and Season	S01-Wet		S10-Wet		S13-Wet		S14-Wet		S28-Wet		S29-Wet	
Sample Size or Correlation Coefficient	**N**	**CORR**	**N**	**CORR**	**N**	**CORR**	**N**	**CORR**	**N**	**CORR**	**N**	**CORR**
2-4-D	0	NA	0	NA	0	NA	0	NA	4	0.949*	0	NA
Alkalinity as CaCO3	4	-0.2	4	0.8	4	-0.4	3	-1	4	-0.4	3	-1
Aluminum	4	0.6	4	0.8	4	0.4	3	0.5	4	0.4	3	1
Ammonia	4	-0.8	4	-0.4	4	-0.2	3	0	4	-1	3	-0.5
Antimony	4	-0.8	4	0.6	4	-0.4	3	0.5	4	0	3	1
Arsenic	4	-0.211	4	0.8	4	-0.2	3	1	4	0	3	0.5
Barium	4	0.8	4	0.8	4	0.4	3	0.5	4	0.2	3	1
Bio Chemical Oxygen Demand	4	-0.4	4	0.8	4	-0.2	3	-1	4	0.4	3	0.5
Bis(2-Ethylhexyl) phthalate	0	NA	0	NA	0	NA	0	NA	0	NA	0	NA
Cadmium	4	0.8	4	0.8	4	0.2	0	NA	4	0	0	NA
Chemical Oxygen Demand	4	-0.4	4	0.4	4	-0.211	3	-0.5	4	0.2	3	1
Chloride	4	-0.2	4	0.6	4	-0.2	3	-1	4	-0.2	3	-1
Chromium	4	0.8	4	0.8	4	0.2	3	1	4	0.8	3	1
Copper	4	-0.2	4	0.8	4	0.2	3	1	4	0	3	1
Cyanide	0	NA	4	0.8	0	NA	3	-0.5	0	NA	0	NA
Dissolved Aluminum	4	0.8	4	0.8	4	0.4	3	1	4	0.4	3	1
Dissolved Antimony	4	-1	4	-0.2	4	-0.2	3	-0.5	4	0	3	1
Dissolved Arsenic	4	-0.2	4	0.8	4	-0.2	3	1	4	-0.6	0	NA
Dissolved Barium	4	0.4	4	0.8	4	0.4	3	0	4	0.2	3	0.5
Dissolved Cadmium	4	0.8	4	0.8	4	0.2	0	NA	4	0	0	NA
Dissolved Chromium	4	0.8	4	0.8	4	-0.2	3	-0.5	4	-0.4	3	1
Dissolved Copper	4	-0.2	4	0.8	4	-0.4	3	0.5	4	0.4	3	1
Dissolved Iron	4	0.8	4	0.8	4	0.4	3	1	4	0.4	3	1
Dissolved Lead	4	1	4	0.8	4	0.2	3	1	4	0.632	3	1
Dissolved Nickel	4	-0.2	4	0.8	4	-0.2	3	-0.5	4	0.2	3	0.5
Dissolved Oxygen	5	0.8	4	-0.2	4	-0.8	3	0.5	5	-0.4	3	-0.5
Dissolved Phosphorus	4	-0.211	4	-0.2	4	-0.4	3	0.5	4	-0.8	3	0.866
Dissolved Selenium	0	NA	0	NA	0	NA	3	-0.5	0	NA	3	-0.5
Dissolved Zinc	4	0.4	4	0.8	4	0.2	3	1	4	0.4	3	1
E. coli	5	-0.4	4	0.2	4	-0.4	3	-1	5	0.6	3	0.5
Fecal Coliform	5	-0.6	4	0.2	4	-0.2	3	-0.5	5	0.7	3	0.866
Fecal Enterococcus	5	0	4	-0.4	4	-0.4	3	-1	5	0.1	3	0.5
Fecal Streptococcus	5	0	4	-0.4	4	-0.4	3	-1	5	0.1	3	0.5
Fluoride	4	-0.4	4	0.6	4	-0.2	3	-0.5	4	-0.4	3	0.5
Glyphosate	0	NA	0	NA	4	-0.632	0	NA	0	NA	0	NA
Hardness as CaCO3	4	-0.2	4	0.8	4	-0.2	3	-1	4	-0.4	3	-1
Iron	4	0.6	4	0.8	4	0.4	3	0.5	4	0.4	3	1
Kjeldahl N	4	-1	4	-0.2	4	-0.4	3	-0.5	4	-0.6	3	0
Lead	4	1	4	0.8	4	0.2	3	1	4	0.4	3	1
Methylene Blue Active Substances	4	-0.6	4	-0.632	4	0.4	3	-0.5	4	1	0	NA
NH3-N	4	-0.8	4	-0.4	4	-0.2	3	0	4	-1	3	-0.5
Nickel	4	0.8	4	0.8	4	0.4	3	1	4	0.4	3	1
Nitrate (NO3)	4	-0.4	4	0.6	4	-0.2	3	-0.5	4	-0.4	3	1
Nitrate-N	4	-0.4	4	0.6	4	-0.2	3	-0.5	4	-0.4	3	1
Nitrite-N	4	-0.4	4	0.8	4	-0.2	3	-1	4	-0.6	3	1
pH	4	0.8	4	0.8	4	0.8	3	-1	4	-0.4	3	-0.5
Phosphorus, Total (as P)	4	-0.4	4	0.4	4	-0.4	3	0.5	4	-0.8	3	1
Selenium	4	-0.2	4	0.949*	4	0.105	3	-0.5	0	NA	3	-0.5
Silver	4	-0.8	4	0.8	4	0.2	0	NA	0	NA	0	NA
Specific Conductance	4	-0.2	4	0.6	4	-0.2	3	-1	4	-0.2	3	0.5
Sulfate	4	-0.2	4	0.6	4	-0.2	3	-1	4	-0.2	3	-1
Total Coliform	5	-0.224	4	0.2	4	0.632	3	-0.5	5	0.154	3	-0.5
Total Dissolved Solids	4	-0.2	4	0.6	4	-0.2	3	-1	4	-0.4	3	-1
Total Organic Carbon	4	-0.8	4	0.8	4	-0.2	3	-1	4	0.2	3	1
Turbidity	4	-0.6	4	0.4	4	0.632	3	1	4	0.316	3	1
Volatile Suspended Solids	4	0.8	4	1	4	0.2	3	1	4	0.8	3	1
Zinc	4	-0.2	4	0.8	4	-0.4	3	1	4	0.4	3	1

NA = Not included in the analysis.

Significant correlation determined with p value < 0.05 unless otherwise noted.

* Significant with p value <0.10

Significantly correlated.

Likely correlated but indeterminate due to small sample size.