

## GWI Hydraulic Connectivity Determination Descriptive Statistics Form

System Name:  
System ID#:

Source #:  
Date:

| Descriptive Statistics             | Water Temperature (°C) | Conductivity (µmho/cm) | pH | Turbidity (NTU) |
|------------------------------------|------------------------|------------------------|----|-----------------|
| Number of Data                     |                        |                        |    |                 |
| Conf Limit (U)                     |                        |                        |    |                 |
| Mean (95% CI)                      |                        |                        |    |                 |
| Conf Limit (L)                     |                        |                        |    |                 |
| Standard Error Mean                |                        |                        |    |                 |
| Standard Deviation                 |                        |                        |    |                 |
| Coefficient of Variation           |                        |                        |    |                 |
| Coefficient of Skewness            |                        |                        |    |                 |
| n-Kurtosis                         |                        |                        |    |                 |
| Geometric Mean                     |                        |                        |    |                 |
| Maximum                            |                        |                        |    |                 |
| 0.750 Percentile                   |                        |                        |    |                 |
| Median                             |                        |                        |    |                 |
| 0.250 Percentile                   |                        |                        |    |                 |
| Minimum                            |                        |                        |    |                 |
| IQR                                |                        |                        |    |                 |
| Standardized Range (Max -Min)/ Min |                        |                        |    |                 |
| TM Conf Limit (U)                  |                        |                        |    |                 |
| Trim. Mean (2 x 10%)               |                        |                        |    |                 |
| TM Conf Limit (L)                  |                        |                        |    |                 |
| Trim. Mean Standard Error          |                        |                        |    |                 |
| Winsored Mean (2 x 10%)            |                        |                        |    |                 |
| Winsored Standard Deviation        |                        |                        |    |                 |
| Tukey Trimean                      |                        |                        |    |                 |
| MedAD * 1.483                      |                        |                        |    |                 |
| MnAD * 1.483                       |                        |                        |    |                 |

|                    |   |     |             |
|--------------------|---|-----|-------------|
|                    |   |     | n =         |
| Kendall Tau        |   |     |             |
| Tau                | Z | 2xP | Significant |
|                    |   |     |             |
| Spearman Rank      |   |     |             |
| Rho                | Z | 2xP | Significant |
|                    |   |     |             |
| Normal Scores PP-M |   |     |             |
| Rho                | Z | 2xP | Significant |
|                    |   |     |             |

|                    |   |     |             |
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|                    |   |     |             |
| Normal Scores PP-M |   |     |             |
| Rho                | Z | 2xP | Significant |
|                    |   |     |             |

Return completed form to:  
 GWI Program Lead  
 Department of Health  
 Office of Drinking Water  
 P.O. Box 47822  
 Olympia, WA 98504-7822

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