Chemical Water Quality Testing Data

Answer the lab questions on the back of this sheet

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|  | **2013 Kealing Creek Results** | | |
| **Site** | **Test** | **Result** | **Score** |
| **1** | Dissolved Oxygen | 3 ppm; 30% | Poor |
| Nitrates | 5 ppm | Fair |
| pH | 7 | Excellent |
| Phosphates | 2 ppm | Good |
| Temperature | 18 degrees C | excellent |
| Turbidity | 15 JTU | Good |
| **2** | Dissolved Oxygen | 2 ppm; 50% | Poor |
| Nitrates | 5 ppm | Fair |
| pH | 8 | Good |
| Phosphates | 1 ppm | Excellent |
| Temperature | 24 degrees C | (cannot determine) |
| Turbidity | 20 JTU | Good |
| **3** | Dissolved Oxygen | 4 ppm; 42% | Poor |
| Nitrates | 5 ppm | Fair |
| pH | 8 | Good |
| Phosphates | 1 ppm | Excellent |
| Temperature | 18 degrees C | Excellent |
| Turbidity | 20 JTU | Good |
| **4** | Dissolved Oxygen | 5 ppm; 52% | Fair |
| Nitrates | 0 ppm | Excellent |
| pH | 7 | Excellent |
| Phosphates | 2 ppm | Good |
| Temperature | 18 degrees C | Excellent |
| Turbidity | 10 JTU | Good |

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| **Site #** | **Date Collected** | **Notes** |
| 1 | **November 19, 2013** | A2 collected at 9:57am  Sunny, 61 degrees F  Flowing water |
| 2 | A3 collected at 12:15pm  Sunny, 68 degrees F  No Flowing water |
| 3 | **November 20, 2013** | B8 collected at 8:36am  Cloudy, 59 degrees F  Stagnant Water |
| 4 | B7 collected at 10:16am  Cloudy/Breezy, 61 degrees F  Where water drains/drips into creek |