**🧪 Stream Water Quality Assessment – Summary Report**

* **Vallon Nord Stream (May 6, 2025)** The water is fairly cool at 12.3°C. A pH of 7.2 indicates a near-neutral, slightly basic state. The conductivity of 180 µS/cm suggests a moderate level of mineralization. Dissolved oxygen at 9.1 mg/L reflects good aeration. **Overall, this site shows good water quality** with no apparent anomalies.
* **Pré aux Saules Stream (May 8, 2025)** Slightly warmer at 14.7°C but still within a cool range. The pH of 6.8 shows a mildly acidic character. Conductivity is higher at 220 µS/cm, which may indicate dissolved substances, possibly from human or natural sources. Oxygen levels at 8.5 mg/L are acceptable but may hint at biological activity or organic matter. **In summary: generally acceptable quality**, but **high conductivity suggests monitoring is needed**.
* **Bois de la Fée Spring (May 10, 2025)** The coldest site at 11°C. A pH of 7.5 suggests slightly basic water. Conductivity is low at 90 µS/cm, indicating very low mineral content and potentially high purity. With oxygen concentration at 10.4 mg/L, aeration is excellent and the site appears environmentally stable. **This is the site with the highest water quality.**

**General Interpretation:** The three sites display natural variability in temperature, pH, conductivity, and oxygenation. While all maintain respectable ecological standards, the **Bois de la Fée Spring emerges as the healthiest aquatic environment**, while **Pré aux Saules merits closer attention** due to its elevated conductivity.