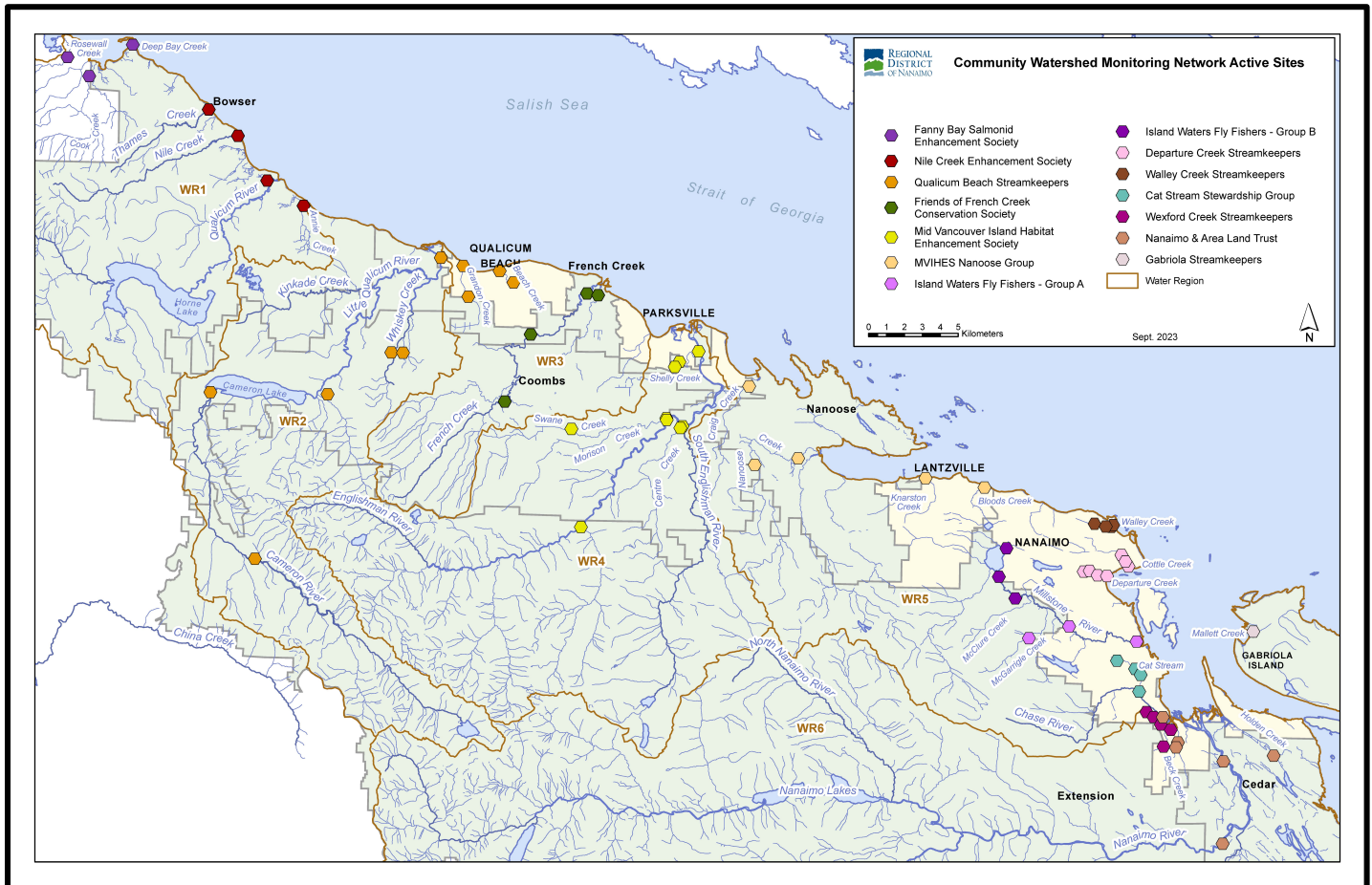


# Community Watershed Monitoring Network 2023 Results by Water Region



Included in Water Region (WR) 3 package:

1. CWMN WR3 sample sites
2. How to interpret a box plot
3. Box Plot Comparison – 2023 data to previous years: *displayed by parameter (Turbidity, Dissolved Oxygen, Temperature, Conductivity) & sample period (summer, fall)*
4. QBS CWMN map of sample sites
5. FFCCS CWMN map of sample sites



Water Region 3  
sampled by:  
**Qualicum Beach Streamkeepers  
(QBS)  
&  
Friends of French Creek  
Conservation Society  
(FFCCS)**



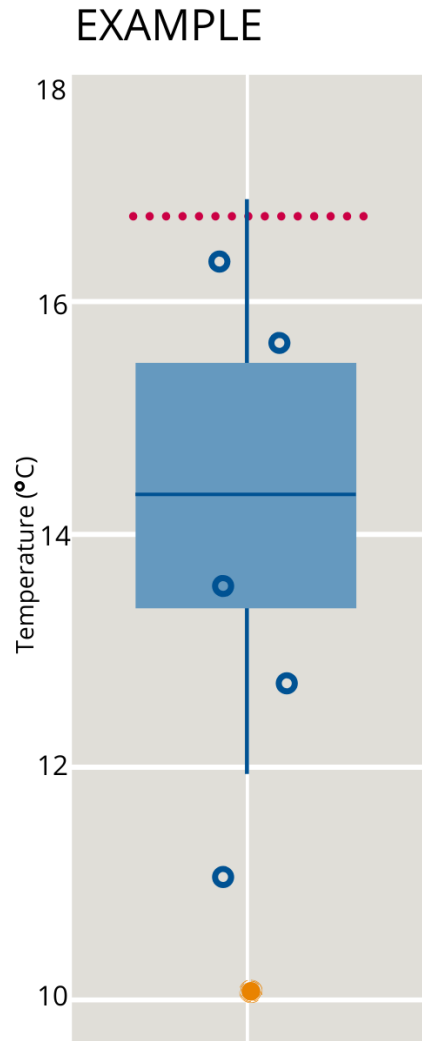
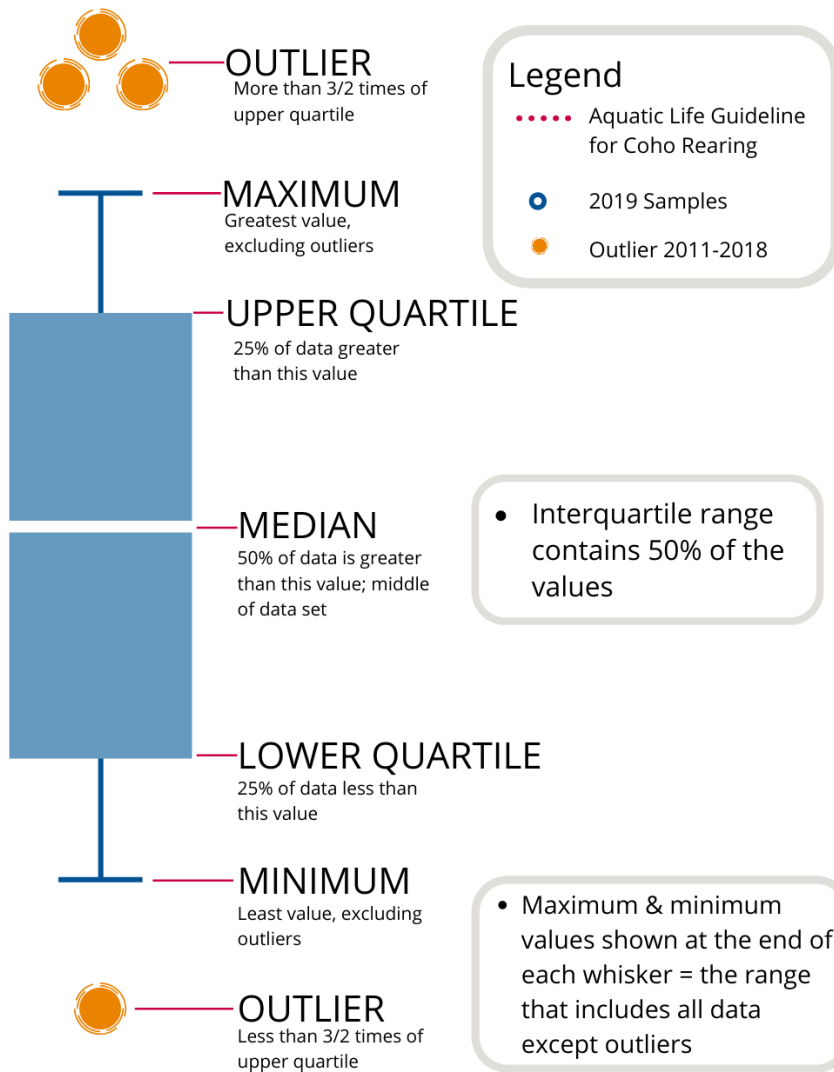
## WR3 CWMN Sample Sites:

The table below shows the sites monitored by each of the streamkeeper organizations, as well as the number of years and which years a site was sampled. The number of years is important to keep in mind when interpreting the box plots as the plot for each site may contain a slightly different temporal range.

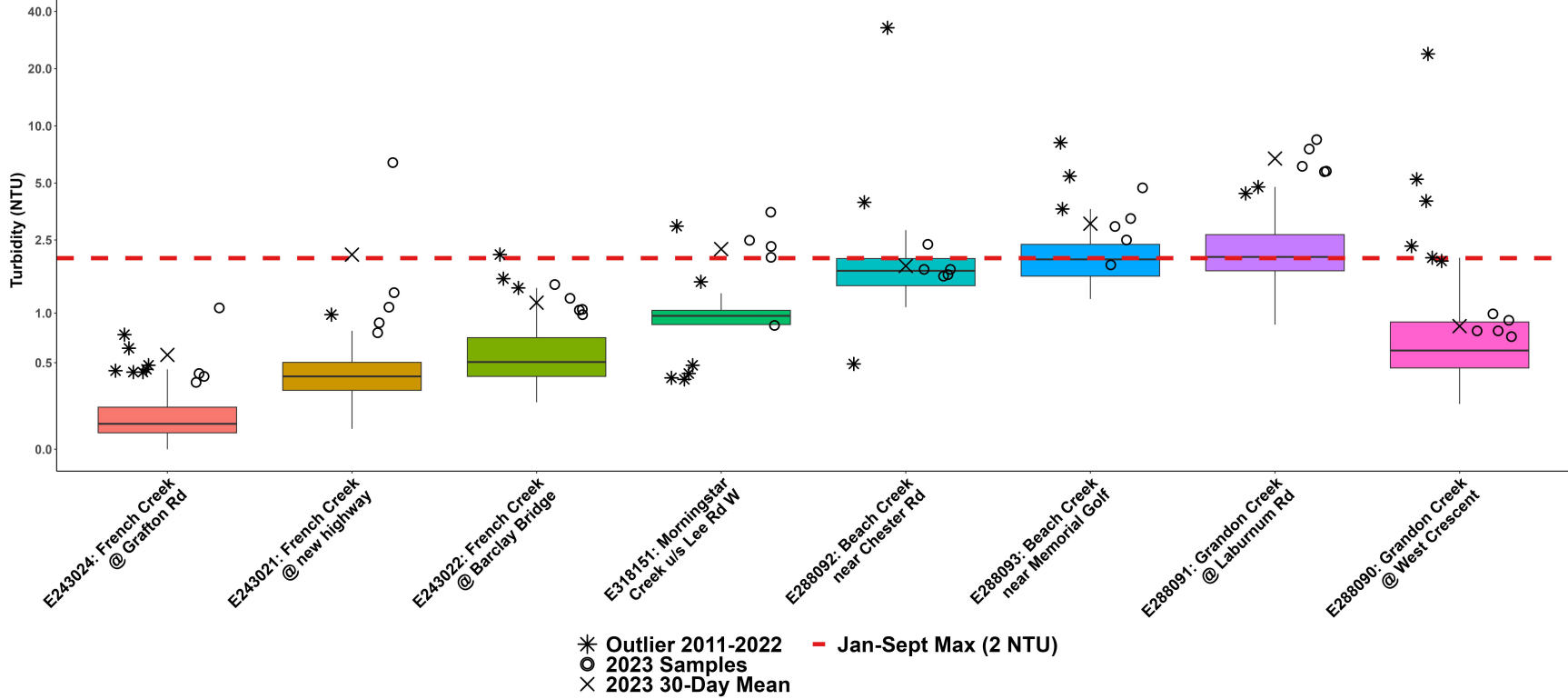
| Group | EMS ID  | Geographic Description                          | Years Sampled | Years Monitored |
|-------|---------|---|---------------|-----------------|
| QBS   | E288091 | Grandon Creek at Laburnum Road                  | 13            | 2011 – present  |
| QBS   | E288090 | Grandon Creek at West Crescent (Caissons)       | 13            | 2011 – present  |
| QBS   | E288092 | Beach Creek near Chester Road at Hemsworth Road | 13            | 2011 – present  |
| QBS   | E288093 | Beach Creek near Memorial Golf Course Pond      | 13            | 2011 – present  |
| FFCCS | E243024 | French Creek at Grafton Road                    | 13            | 2011 – present  |
| FFCCS | E243021 | French Creek at new highway                     | 13            | 2011 – present  |
| FFCCS | E243022 | French Creek at Barclay Bridge                  | 13            | 2011 – present  |
| FFCCS | E318151 | Morningstar Creek 100m u/s Lee Rd W             | 5             | 2019 – present  |



# How to Interpret a Box Plot:

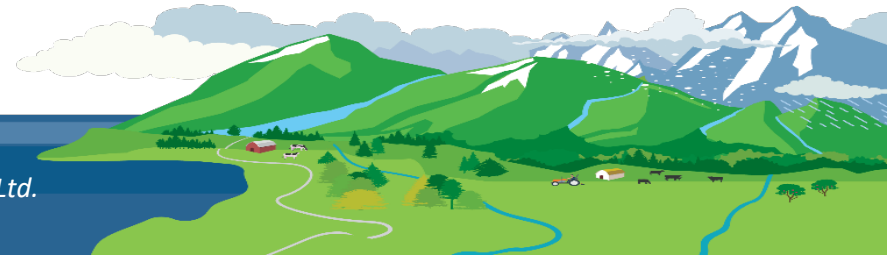
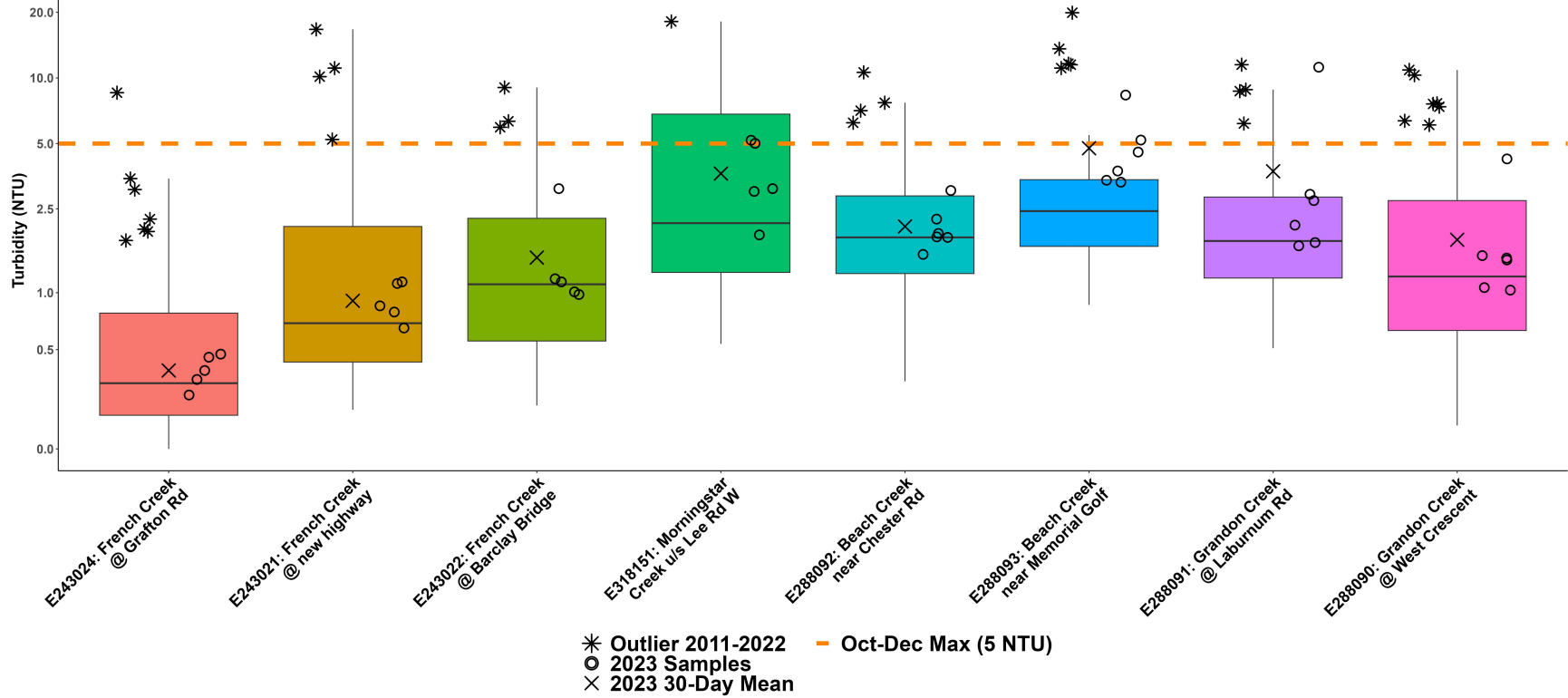


**WR3: French Creek Summer Turbidity**

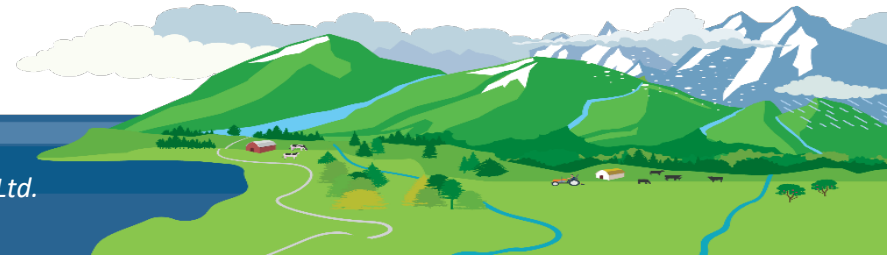
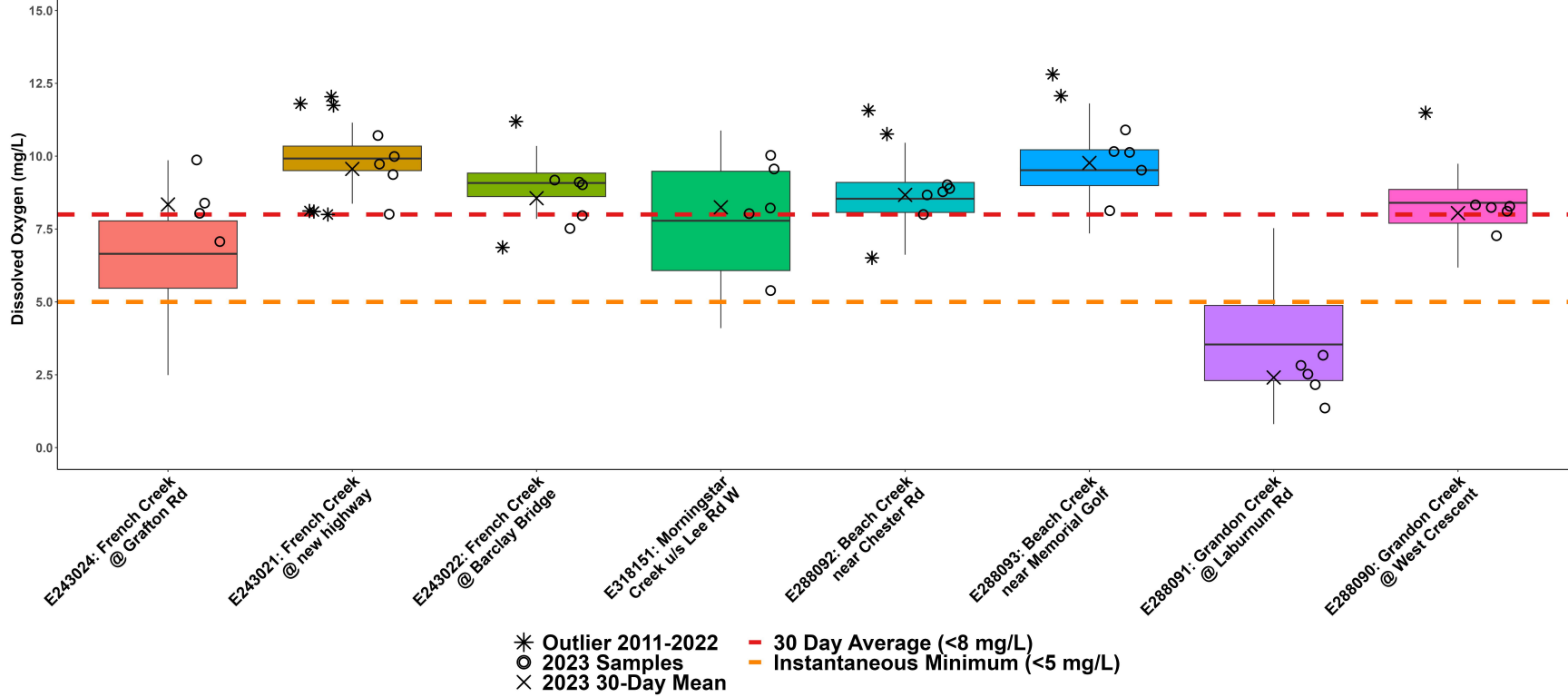




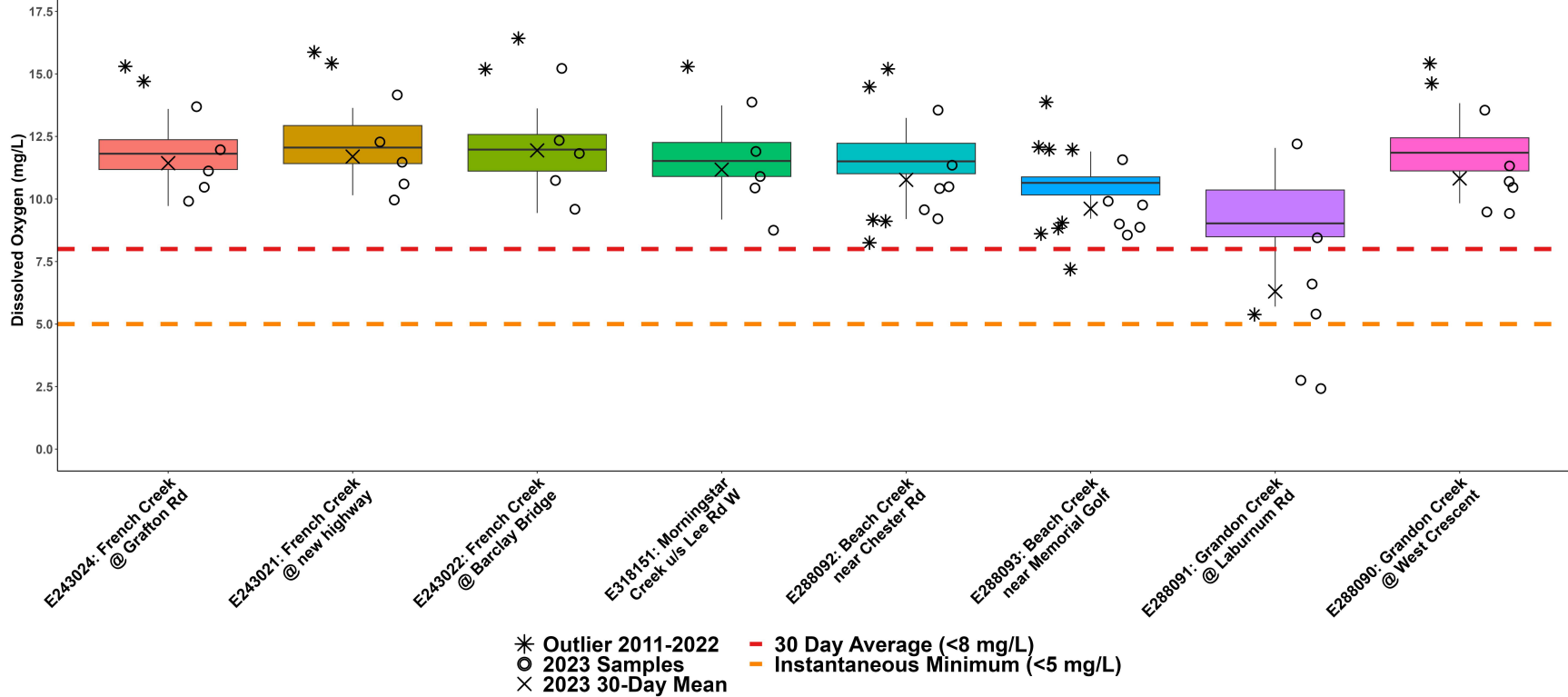
**WR3: French Creek Fall Turbidity**



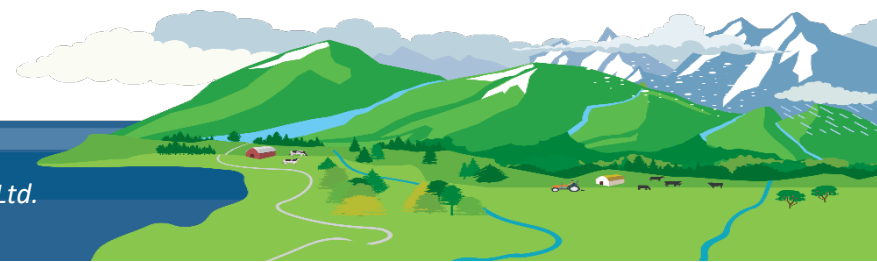
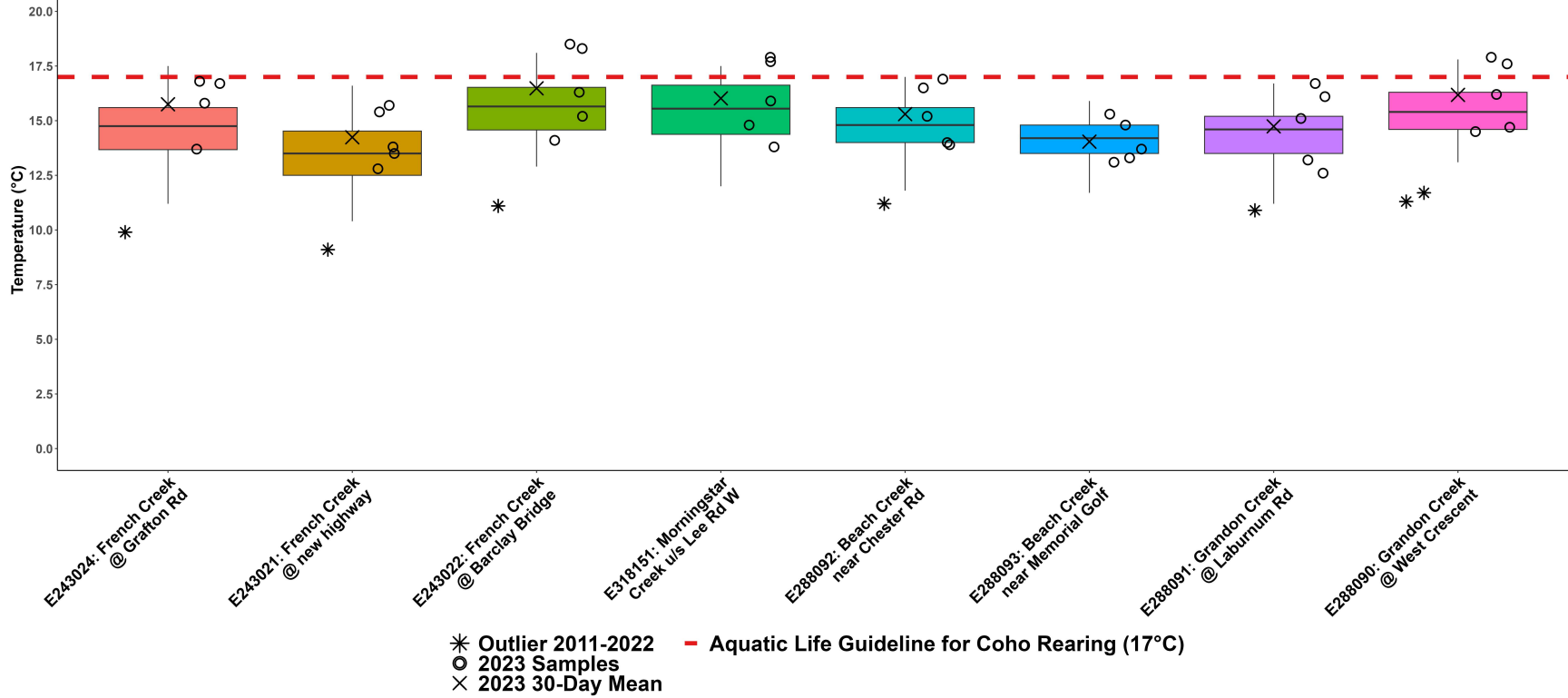
**WR3: French Creek Summer Dissolved Oxygen**



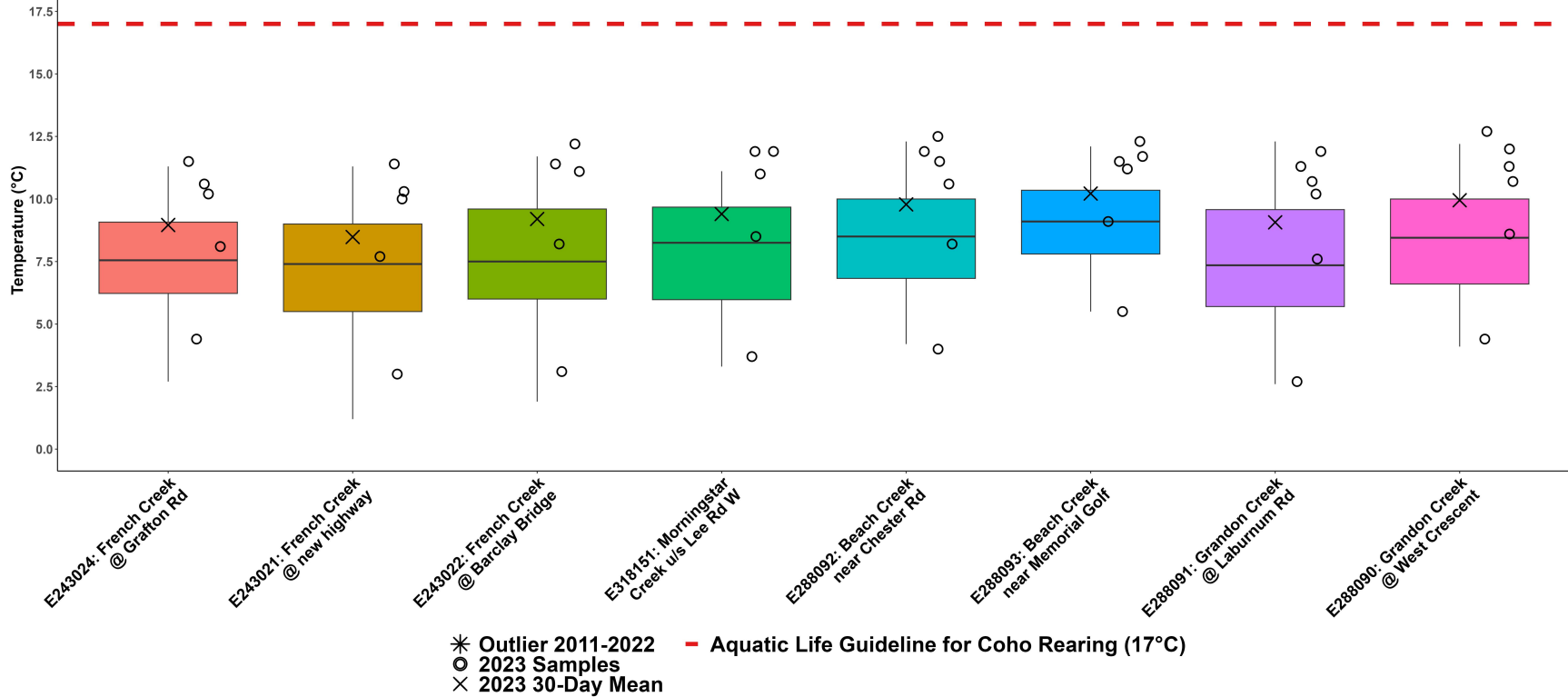
WR3: French Creek Fall Dissolved Oxygen



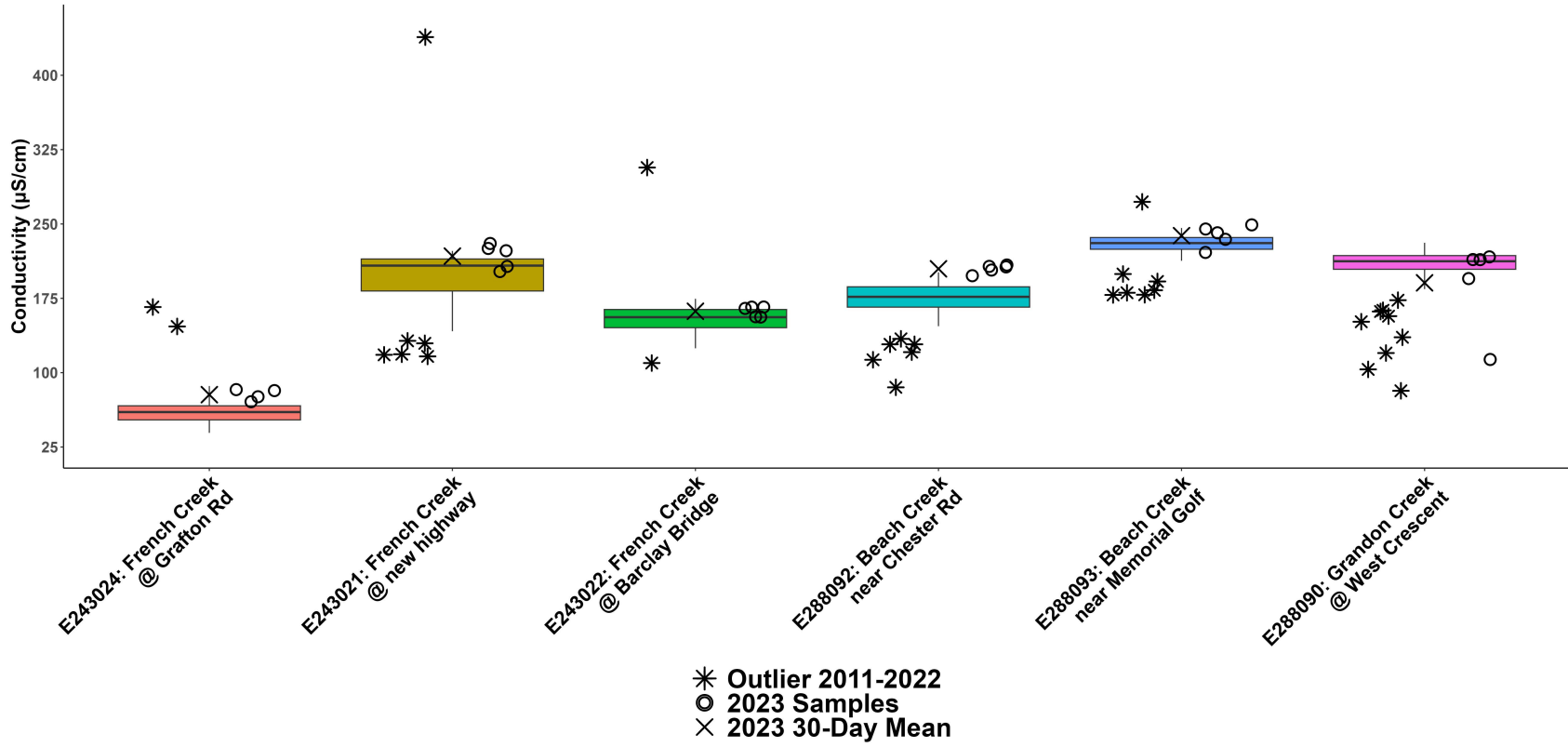
WR3: French Creek Summer Temperature



WR3: French Creek Fall Temperature

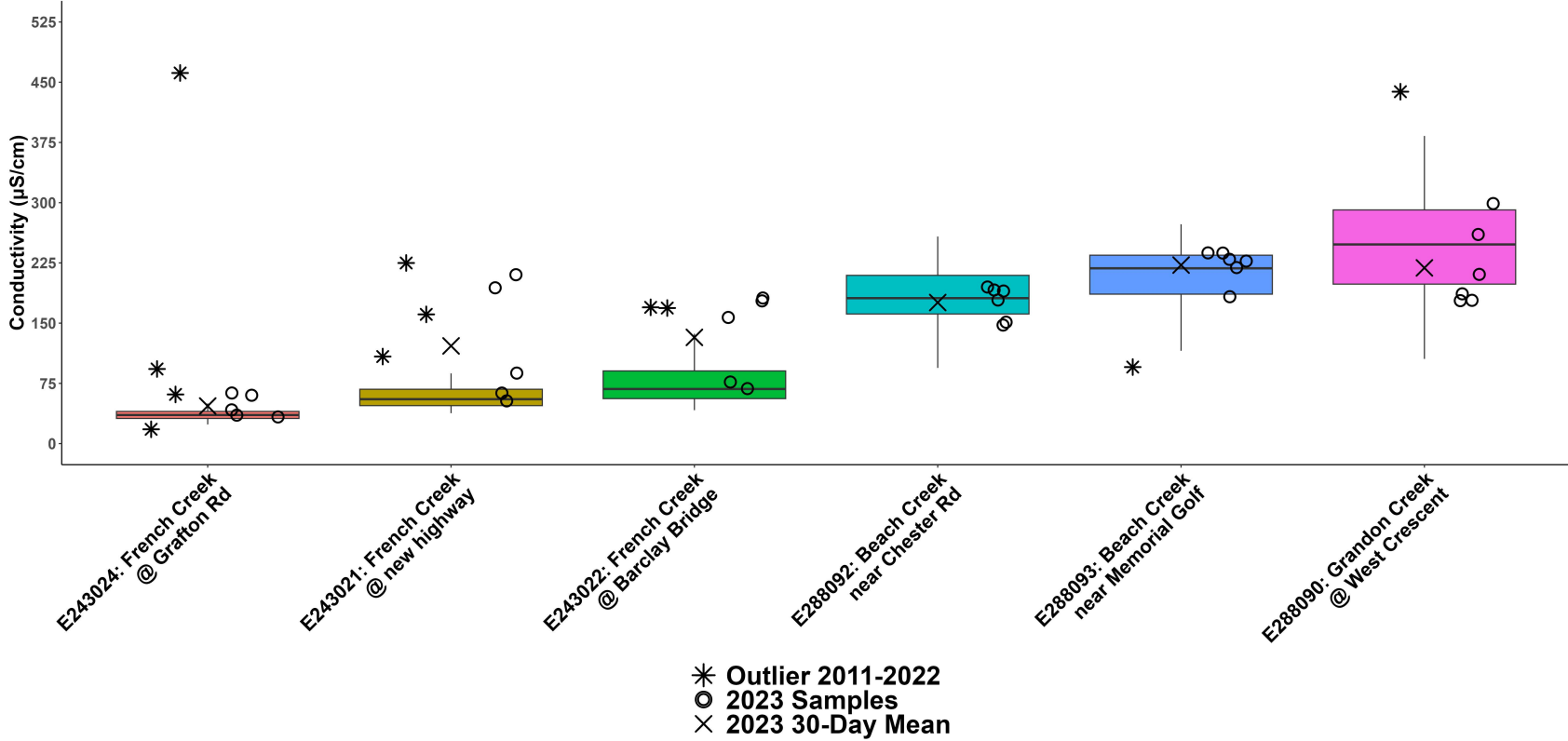


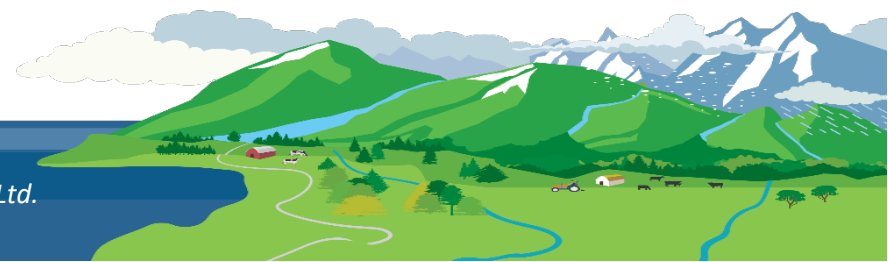
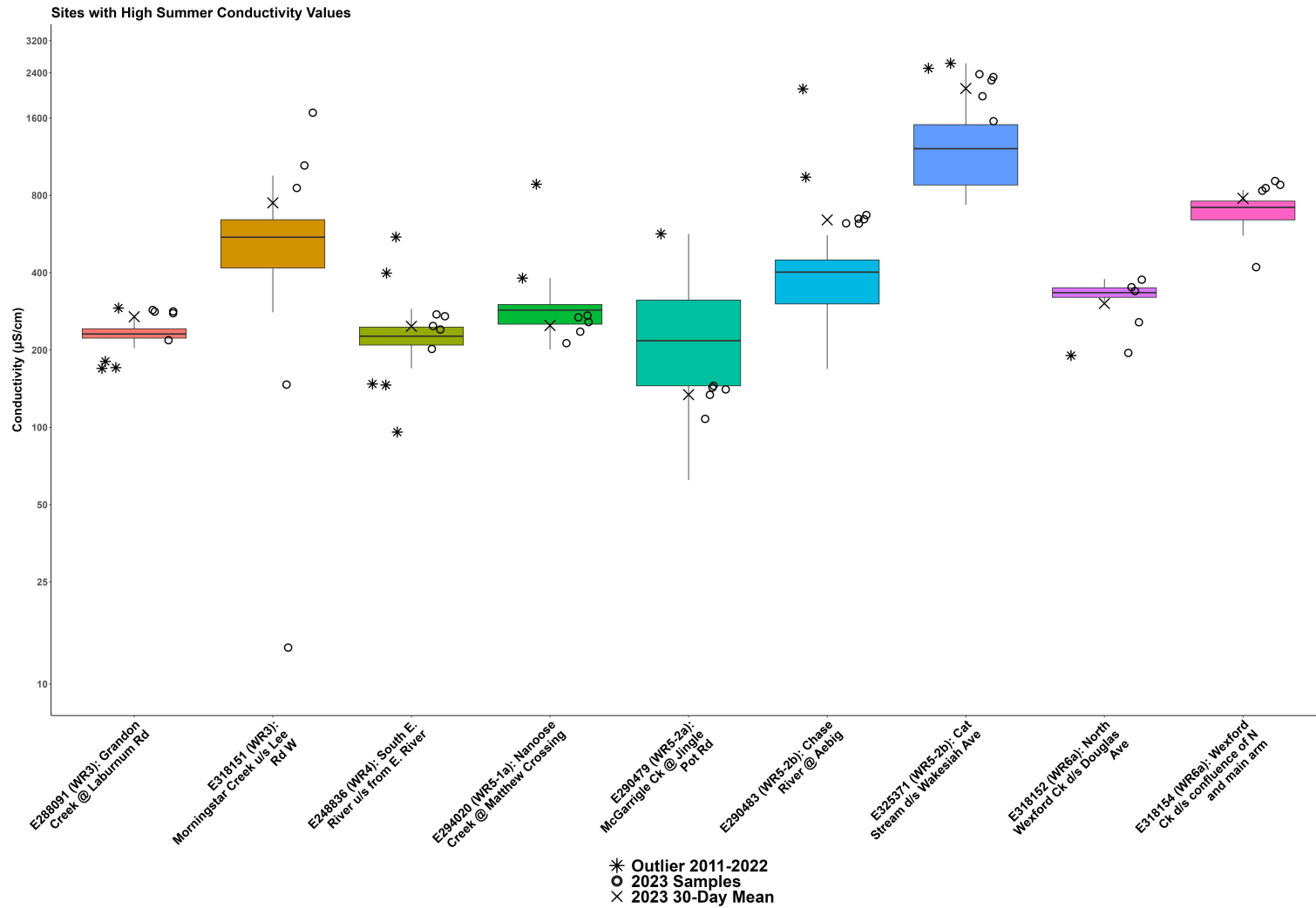
**WR3: French Creek Summer Conductivity**

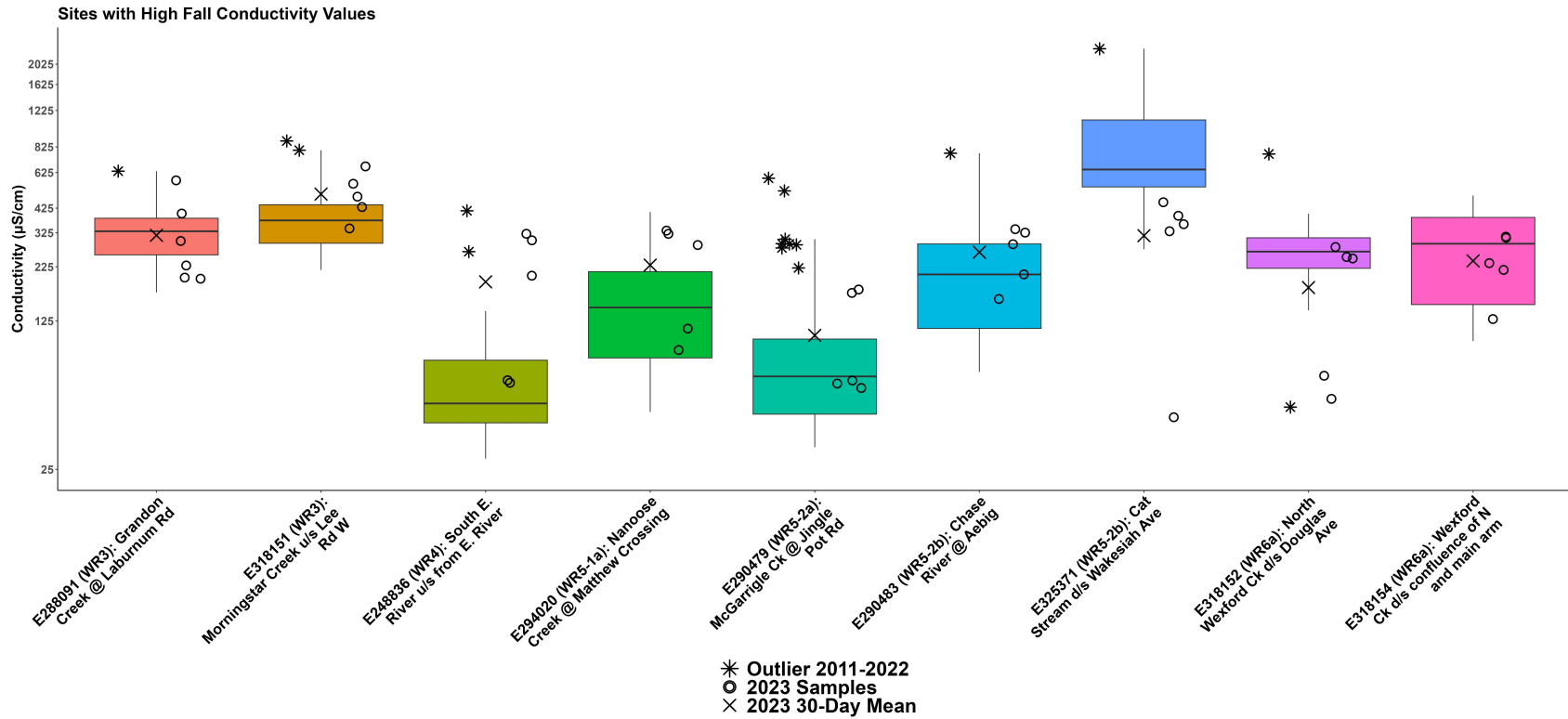




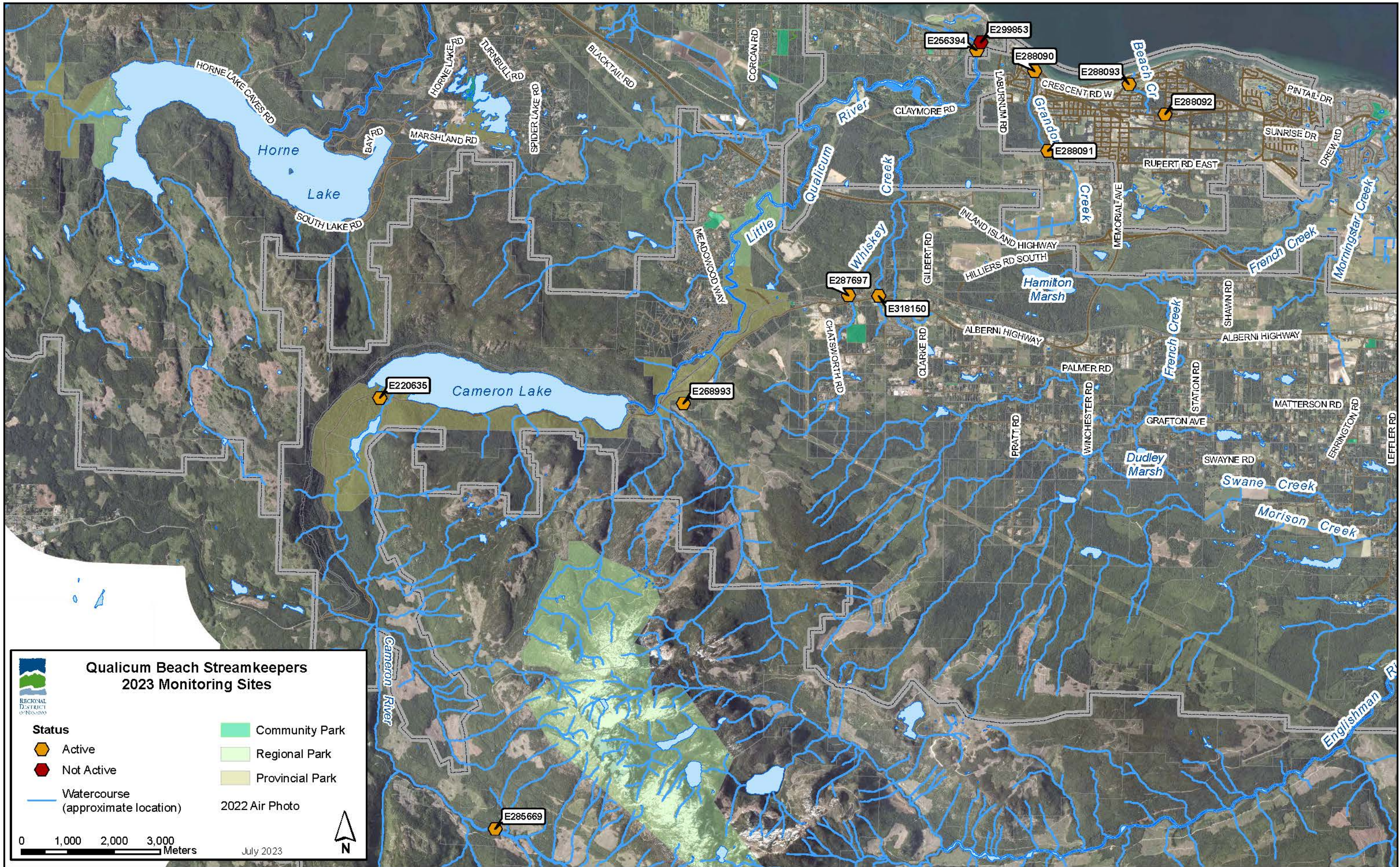
**WR3: French Creek Fall Conductivity**











**Qualicum Beach Streamkeepers  
2023 Monitoring Sites**

**Status**

- Active (Orange hexagon)
- Not Active (Red hexagon)
- Watercourse (approximate location) (Blue line)
- Community Park (Light Green square)
- Regional Park (Light Green square)
- Provincial Park (Yellow square)

2022 Air Photo

0 1,000 2,000 3,000 Meters

July 2023





**Friends of French Creek  
Conservation Society  
2023 Monitoring Sites**

REGIONAL DISTRICT OF NANAIMO

|                                    |                |
|------------------------------------|----------------|
| <b>Status</b>                      | Community Park |
| Active                             | Regional Park  |
| Not Active                         |                |
| Watercourse (approximate location) | 2022 Air Photo |

0 250 500 1,000 Meters

July 2023

N