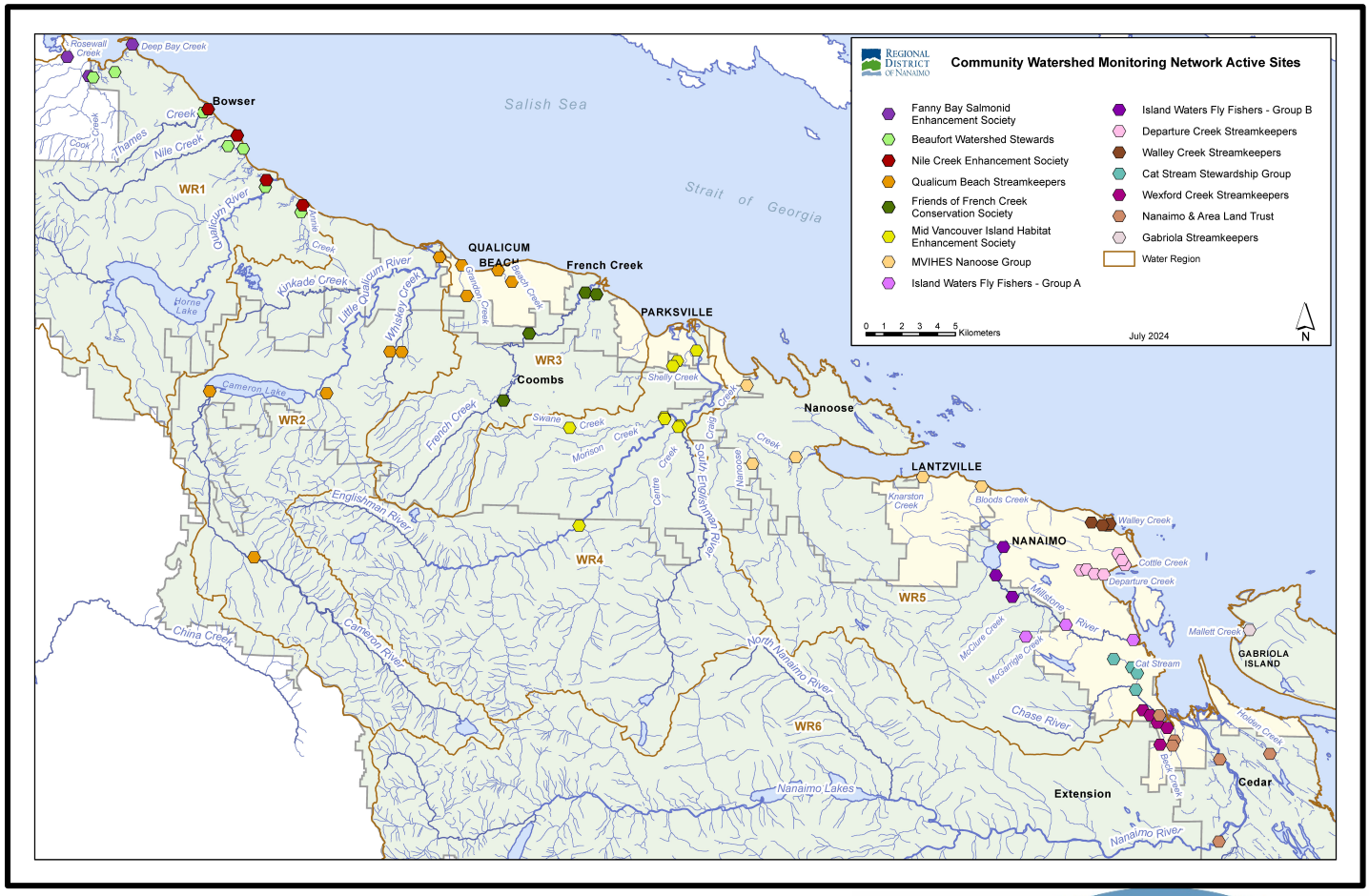
Community Watershed Monitoring Network 2024 Results by Water Region



Included in Water Region (WR) 4 package:

1. CWMN WR4 sample sites
2. How to interpret a box plot
3. Box Plot Comparison – 2024 data to previous years: *displayed by parameter (Turbidity, Dissolved Oxygen, Temperature, Conductivity) & sample period (summer, fall)*
4. Mid Vancouver Island Habitat Enhancement Society (MVIHES)

Water Region 4 sampled by:

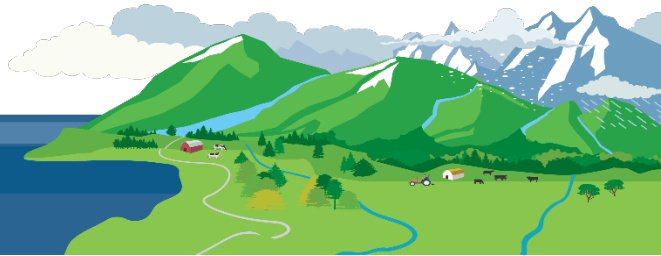
Mid Vancouver Island Habitat Enhancement Society (MVIHES)

WR4 CWMN Sample Sites:

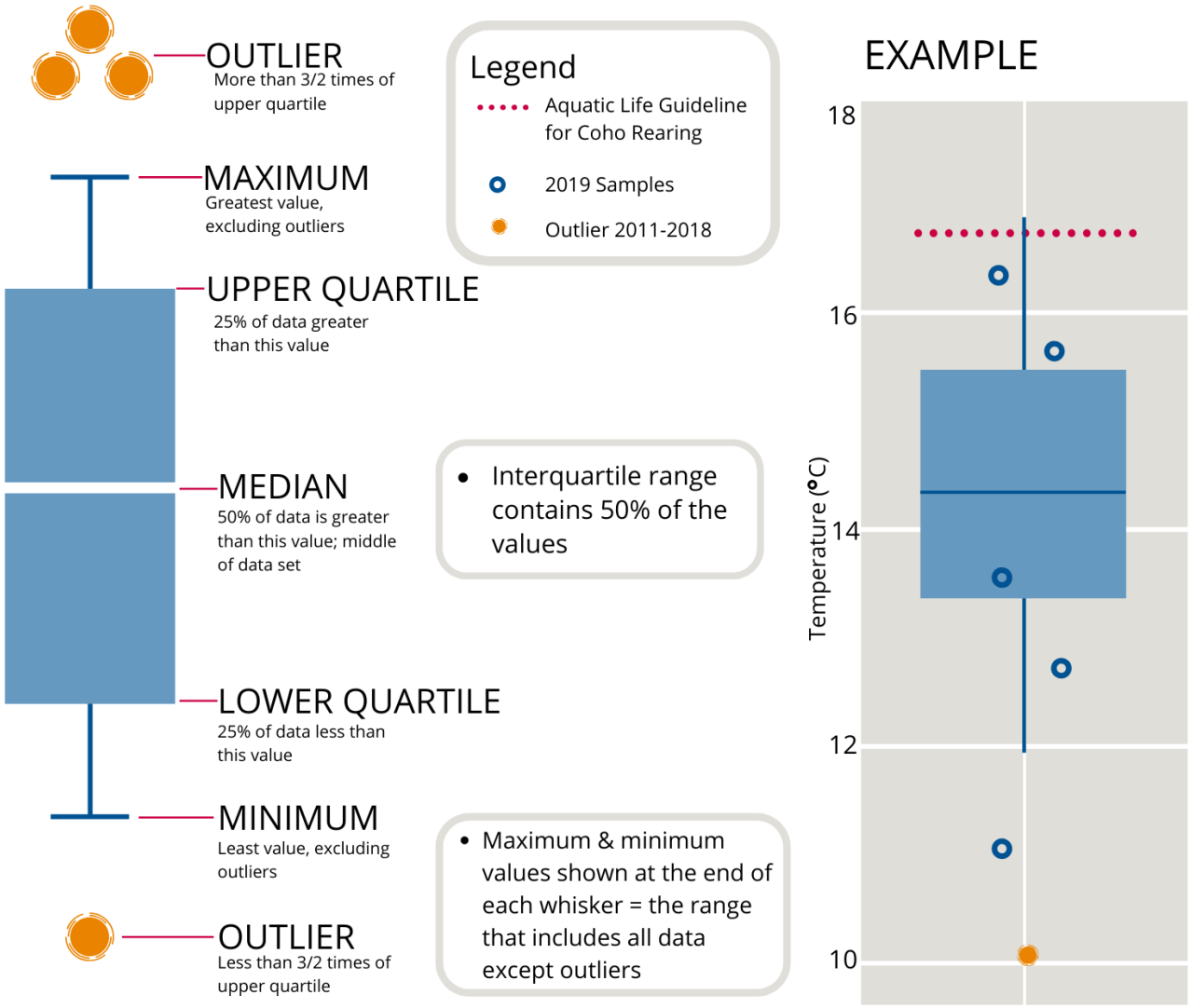
The table below shows the sites monitored by each of the streamkeeper organizations, as well as the number of years and which years a site was sampled. The number of years is important to keep in mind when interpreting the box plots as the plot for each site may contain a slightly different temporal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

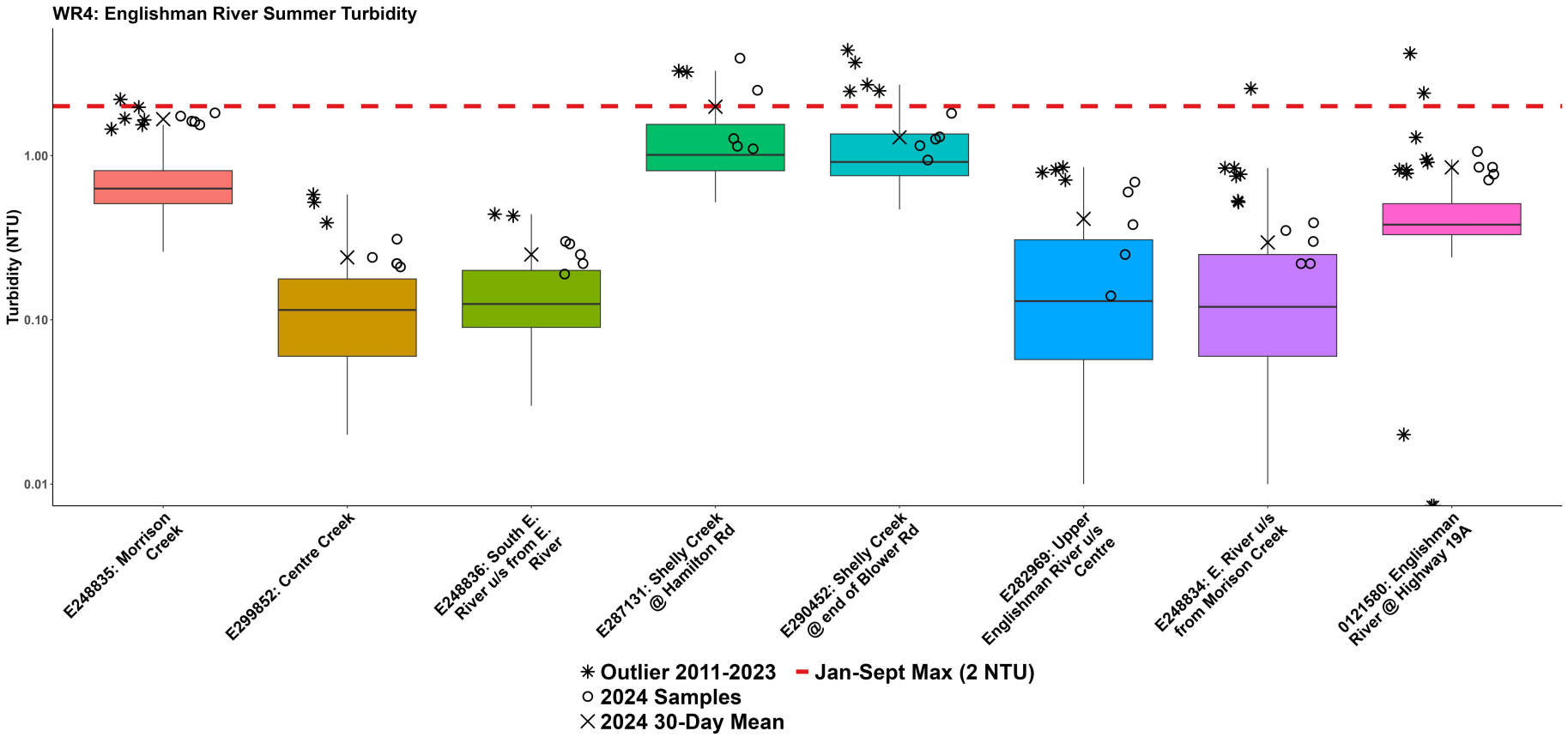
Group	EMS ID	Geographic Description	Years Sampled	Years Monitored
MVIHES	E299852	Centre Creek, just upstream of the confluence with S Englishman	11	2014 – present
MVIHES	E248836	South Englishman River u/s from Englishman River	14	2011 – present
MVIHES	E282969	Upper Englishman River u/s Centre Fork Creek	14	2011 – present
MVIHES	E248834	Englishman River u/s from Morison Creek	14	2011 – present
MVIHES	E308186	Swayne Creek d/s of Errington Road	11	2014 – present
MVIHES	E248835	Morison Creek u/s from Englishman River	14	2011 – present
MVIHES	E287131	Shelly Creek @ Hamilton Road	11	2014 – present
MVIHES	E290452	Shelly Creek at end of Blower Road	10.5	2014 – present*
MVIHES	0121580	Englishman River at Highway 19A	14	2011 – present

**Fall 2015 was not monitored to complete restoration work.*

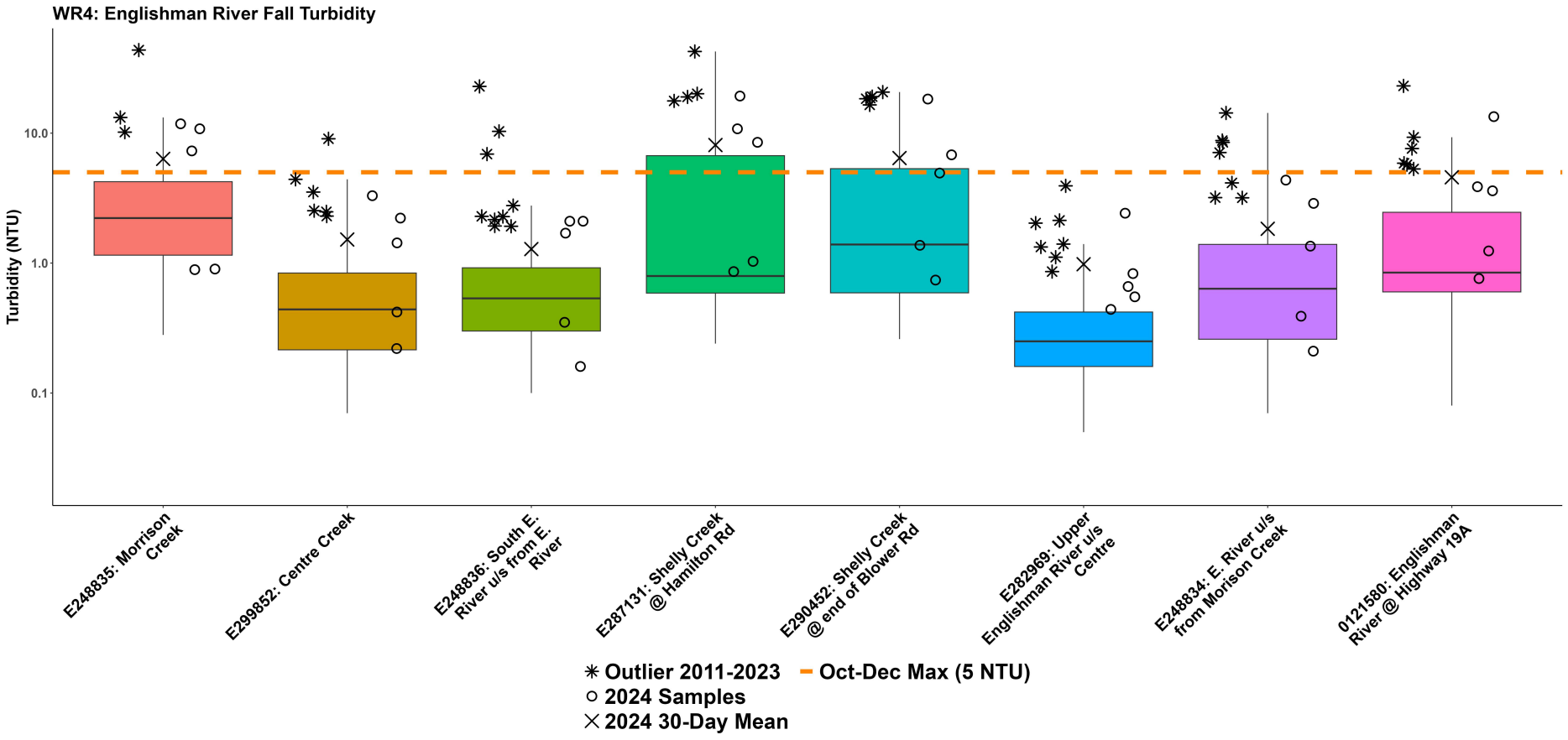


How to Interpret a Box Plot:





Created for the RDN's Community Watershed Monitoring Network using 2024 data collected by local Streamkeepers. Charts produced by Ecoscape Environmental Consultants Ltd.
Question? Call 250-390-6560 or email watermonitoring@rdn.bc.ca



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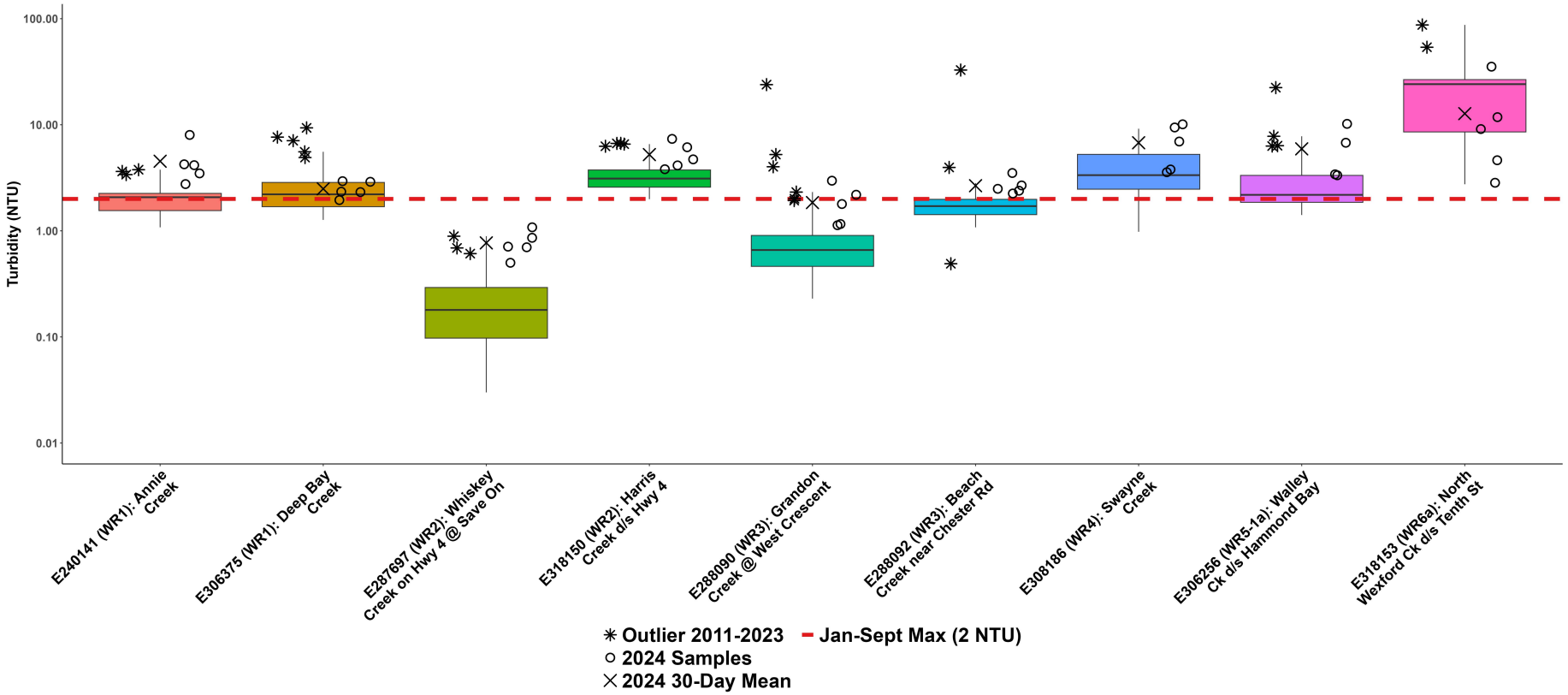
Sites with High Summer Turbidity Values



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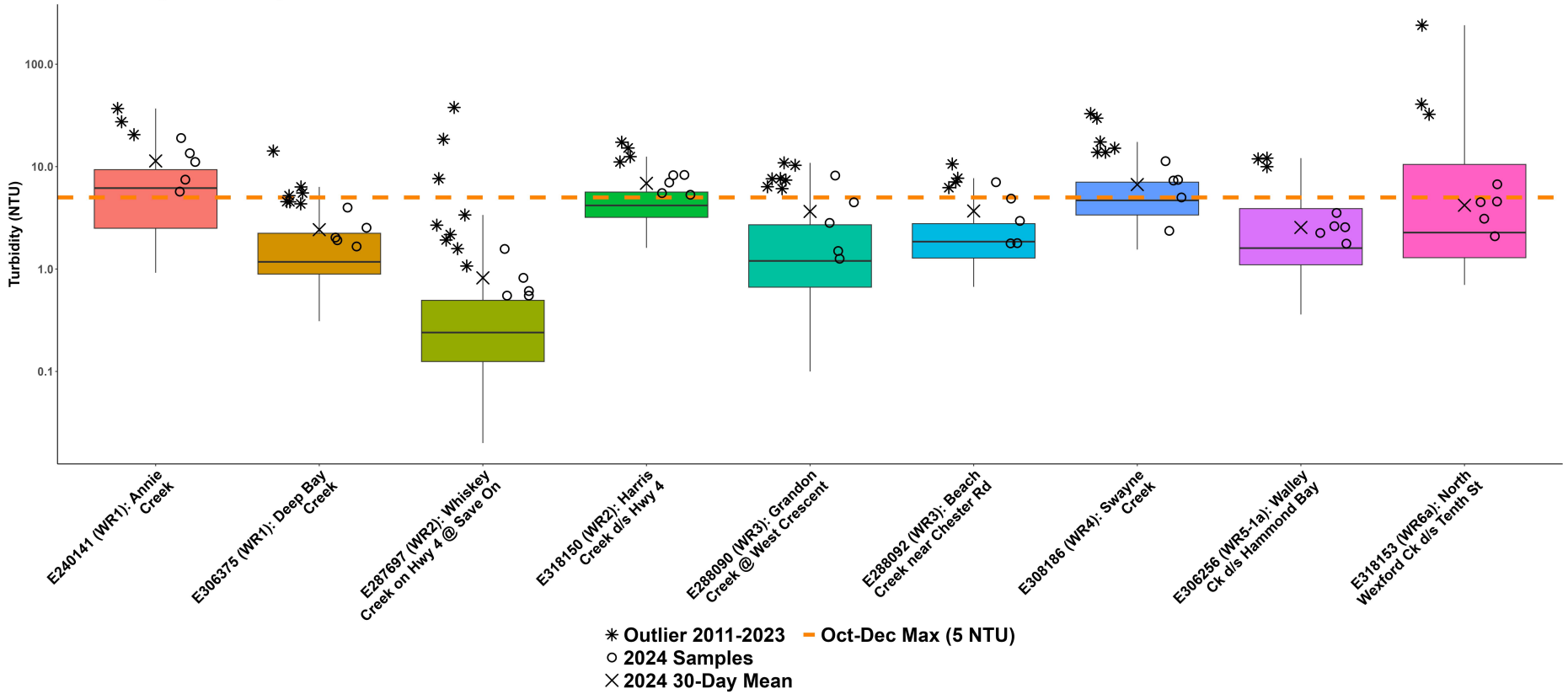
Sites with High Fall Turbidity Values



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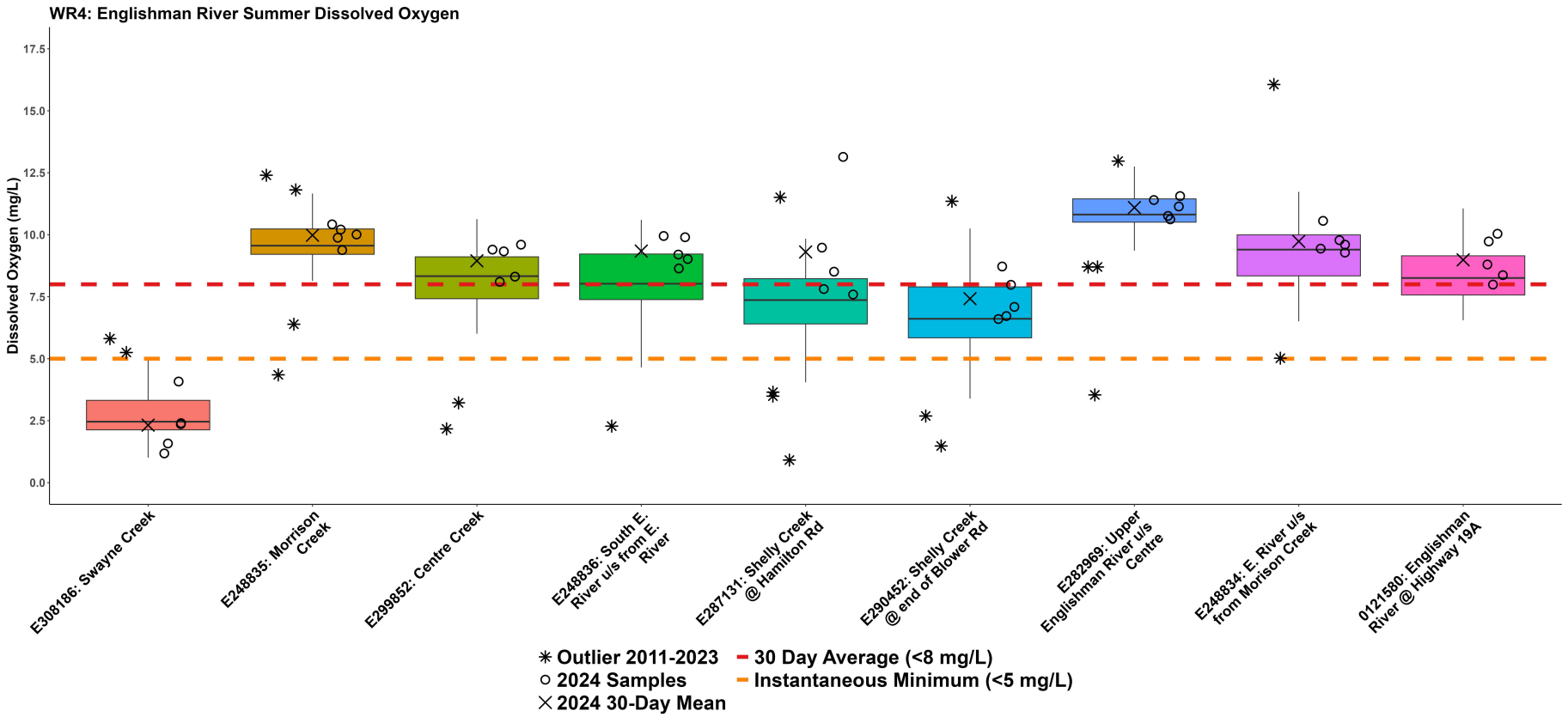

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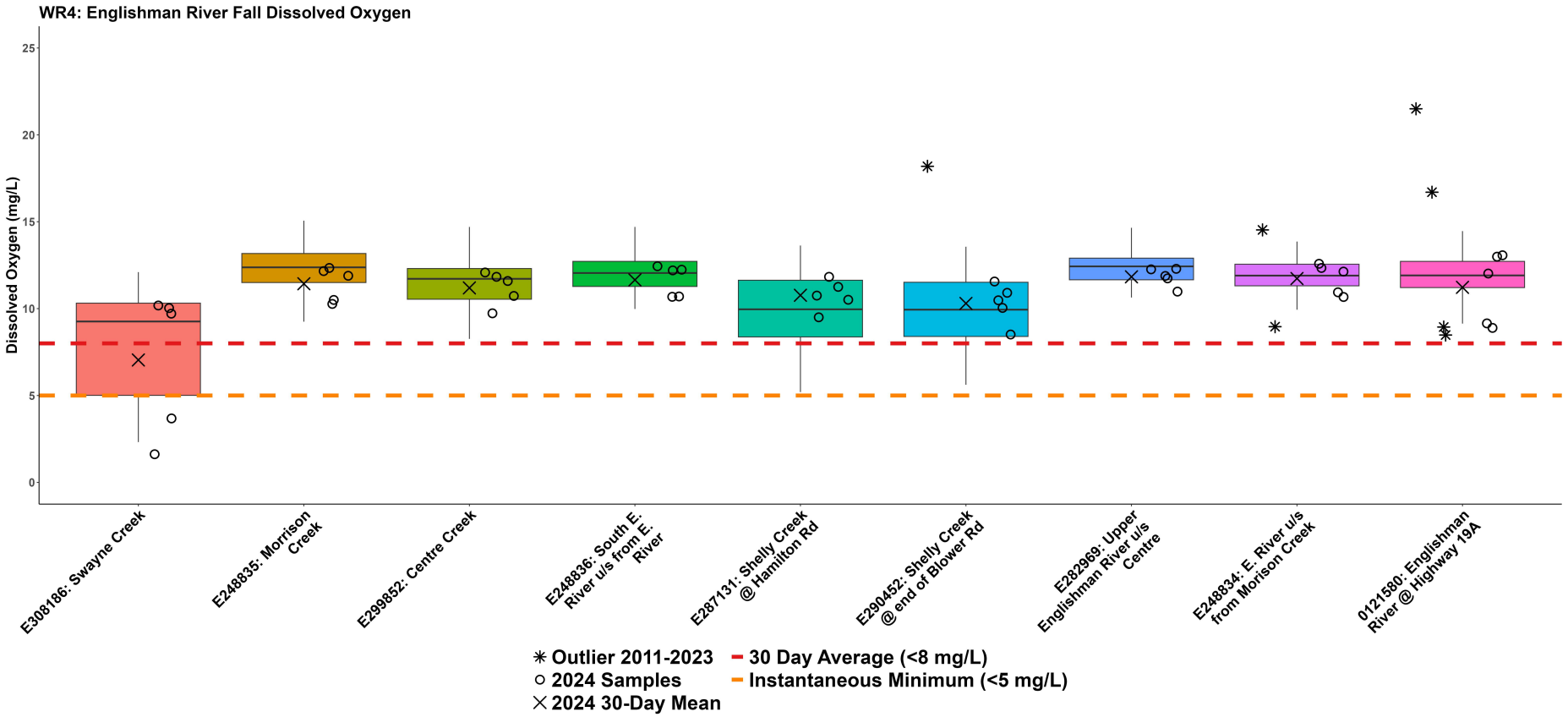

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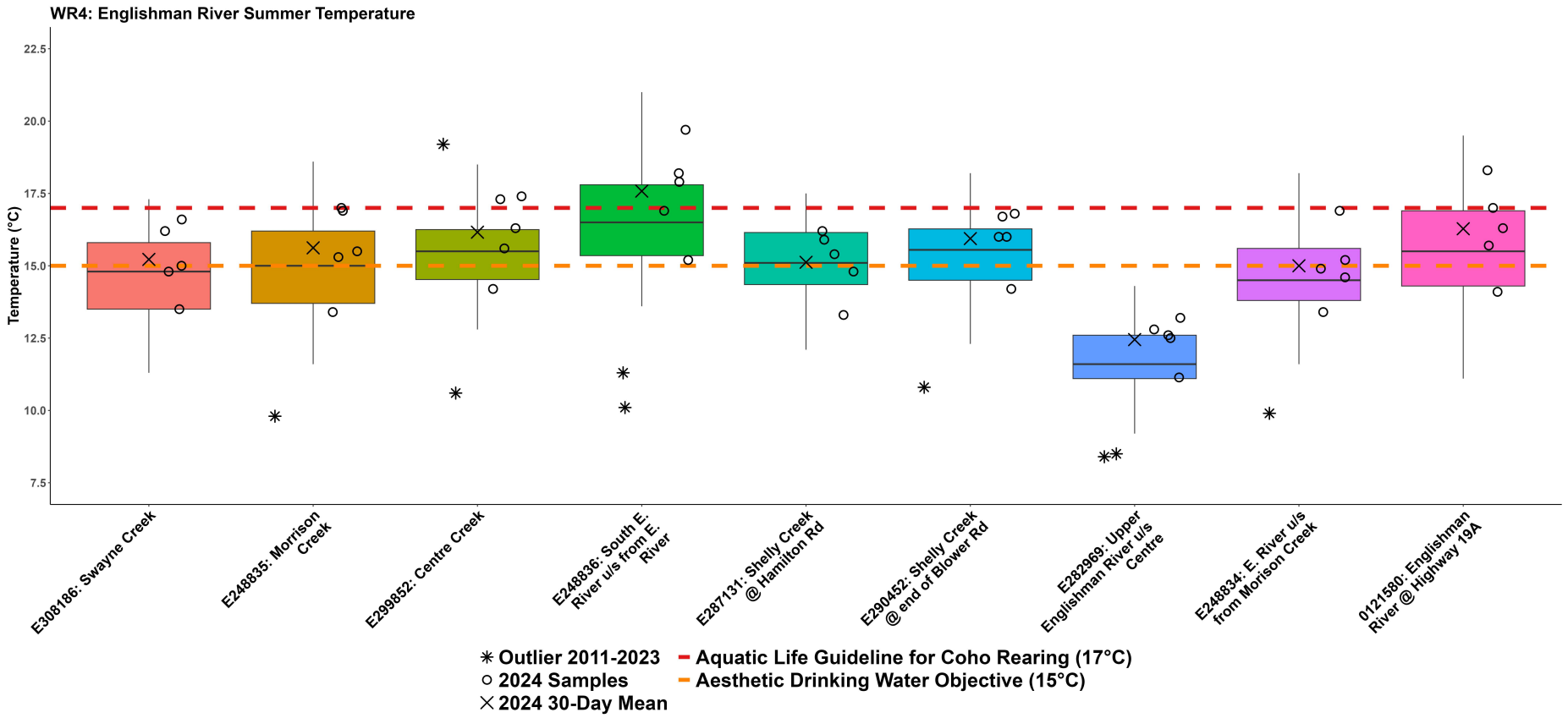

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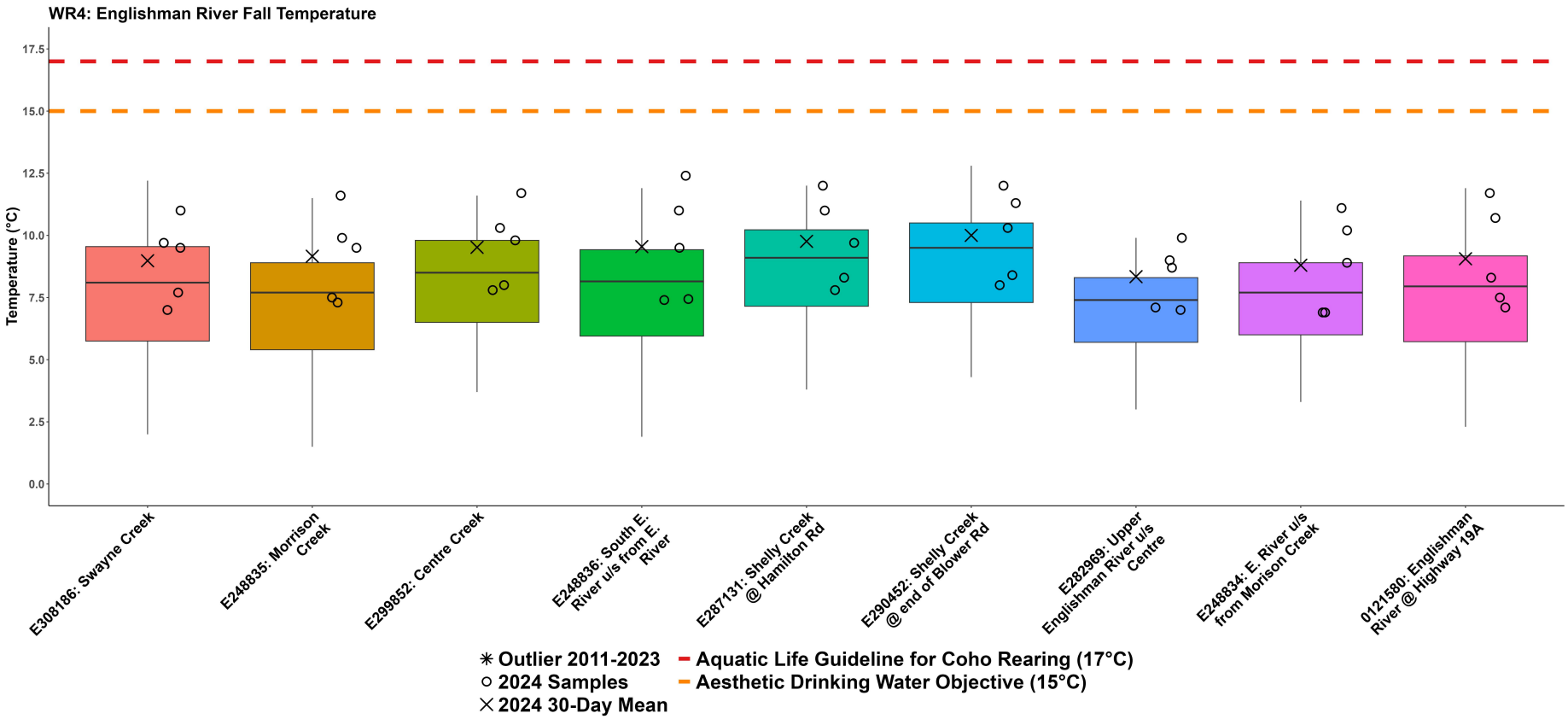

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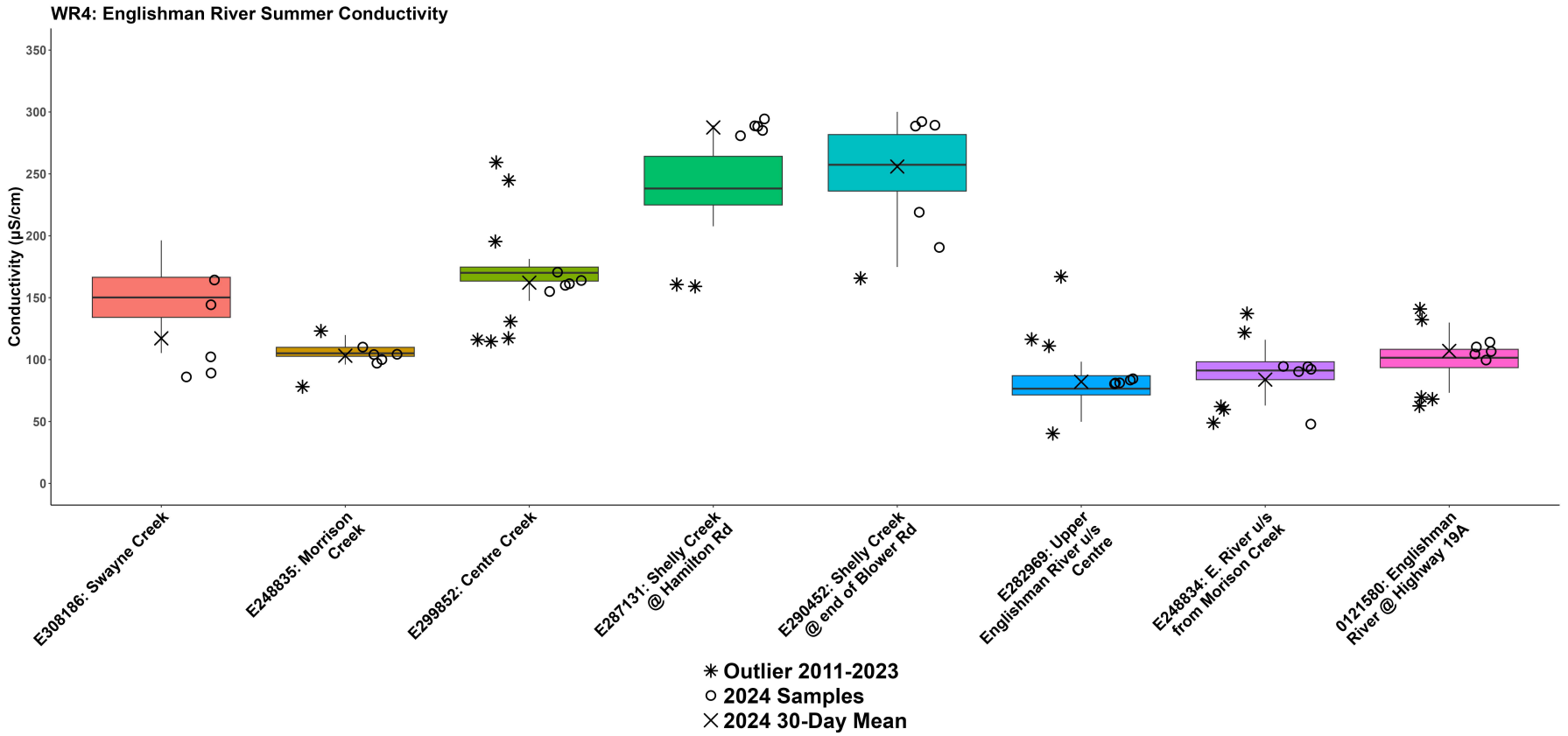

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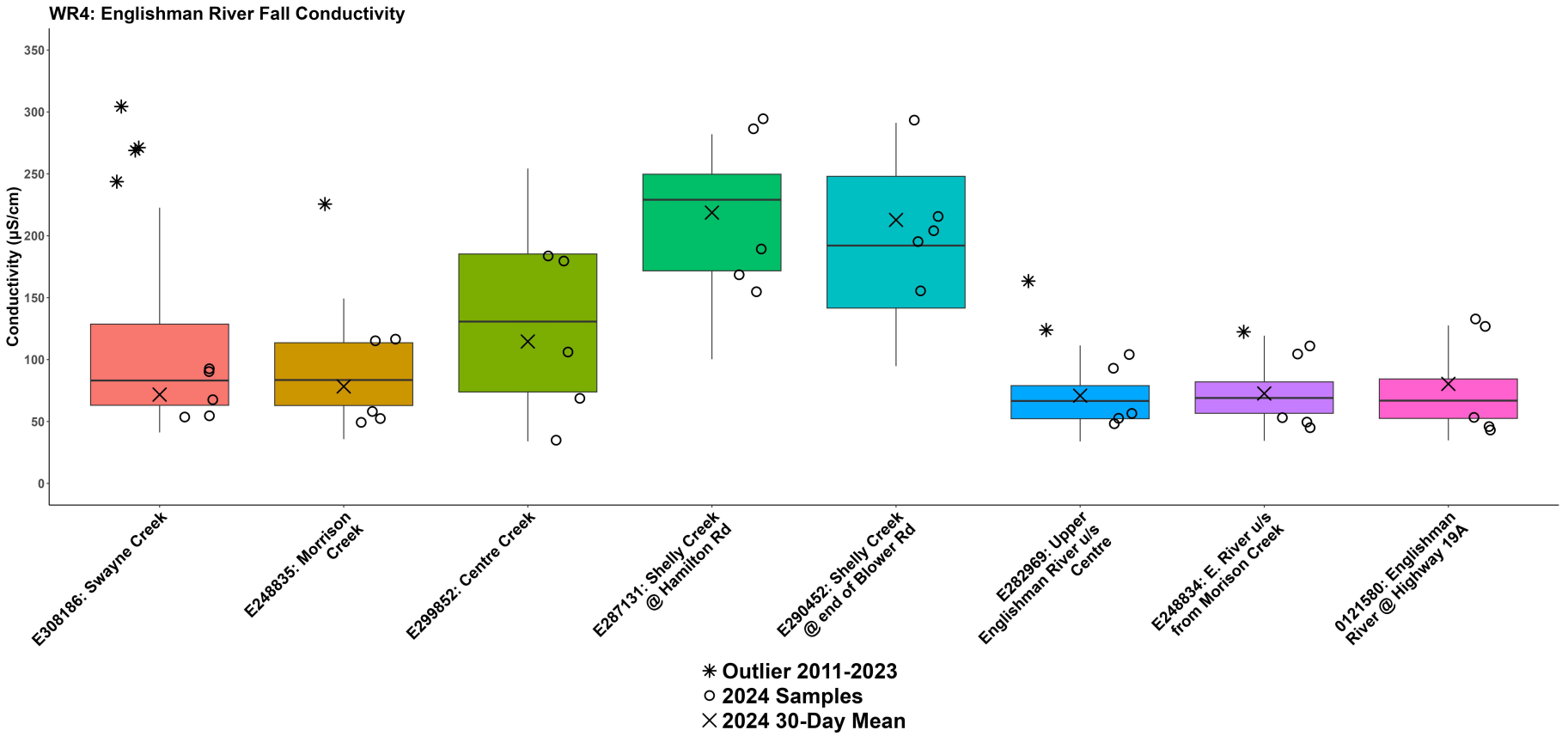

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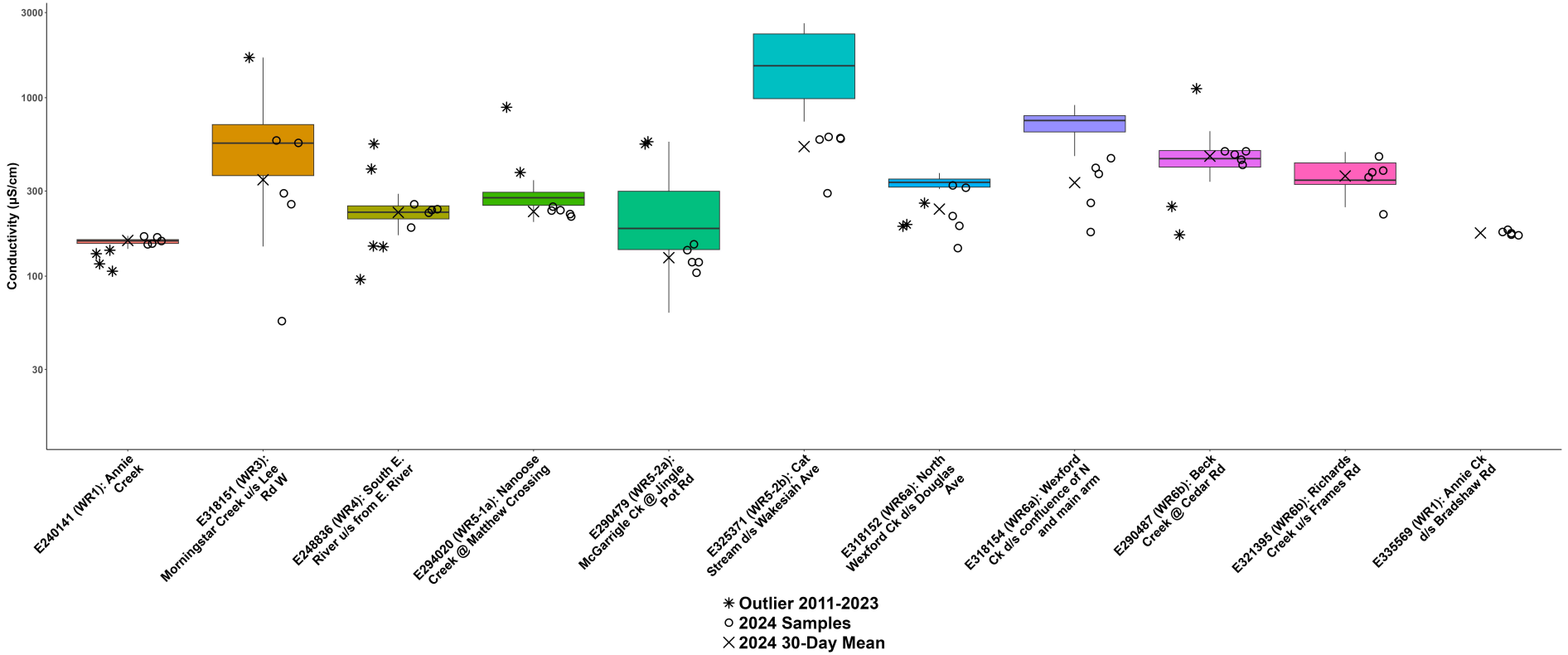
Sites with High Summer Conductivity Values



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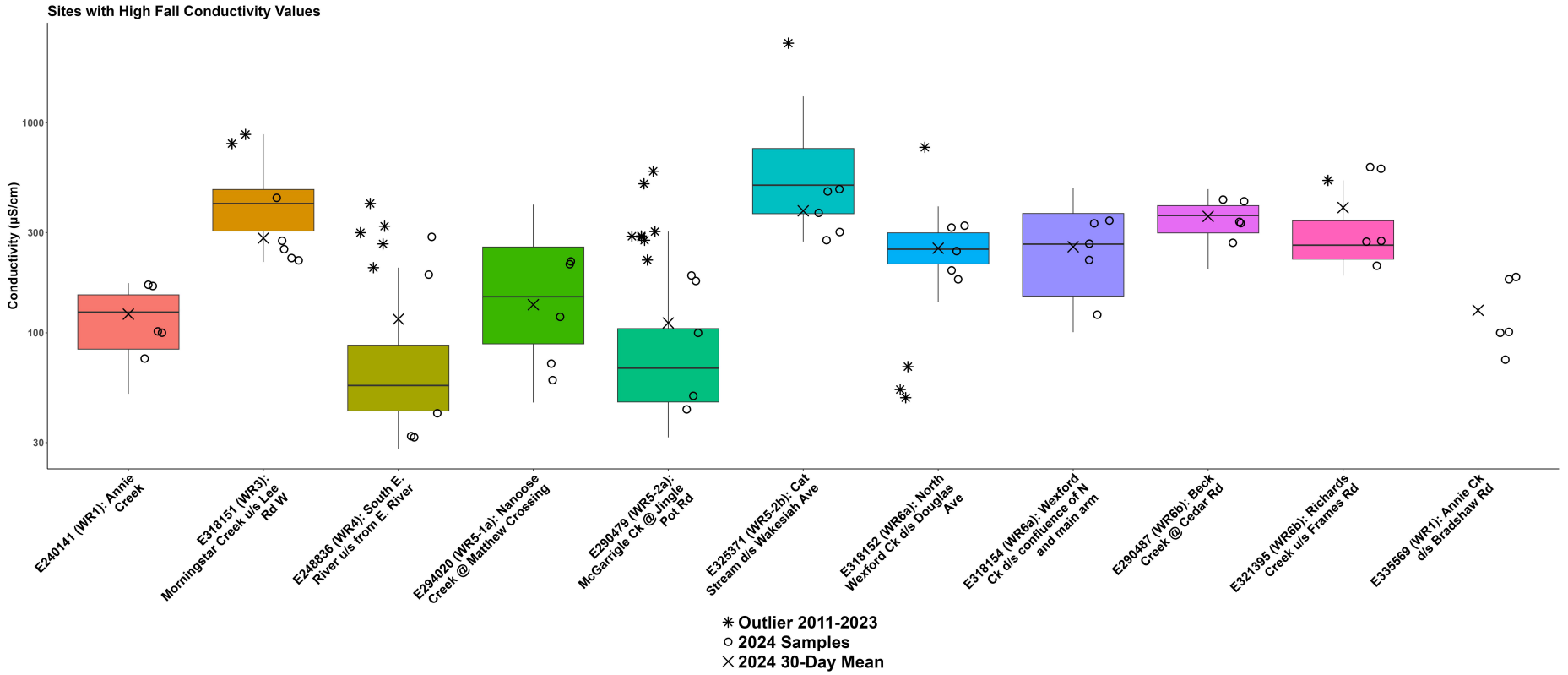

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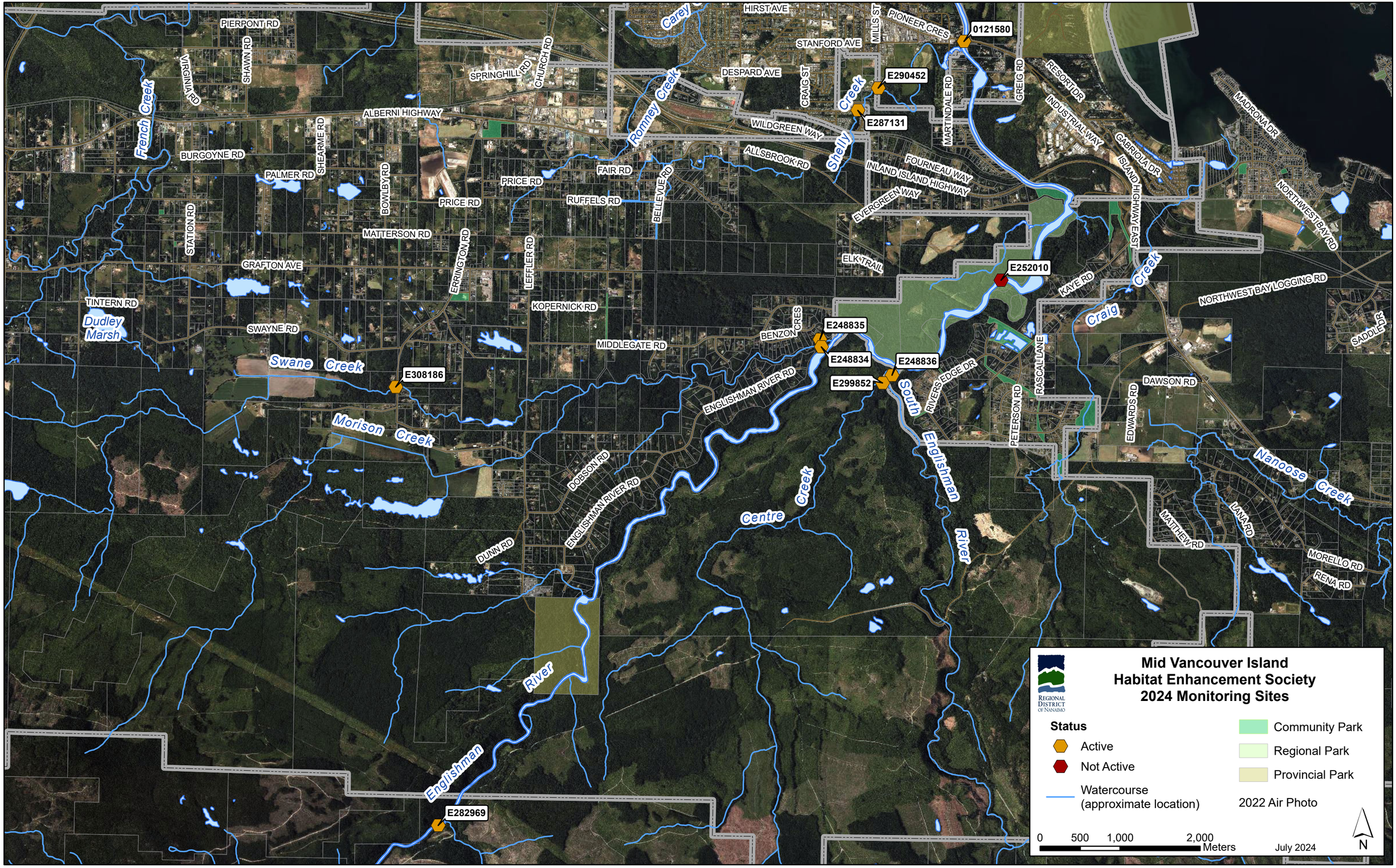
0121580
E290452
E287131
E252010
E248835
E248834
E248836
E299852
E308186
E282969
PIERPONT RD
VIRGINIA RD
SHAWN RD
SPRINGHILL RD
CHURCH RD
HIRST AVE
PIONEER CRES
MILLS ST
STANFORD AVE
DESPARD AVE
CRAIG ST
MARTINDALE RD
GREIG RD
RESORT DR
INDUSTRIAL WAY
MADRONA DR
GABRIOLA DR
ISLAND HIGHWAY EAST
NORTHWEST BAY RD
NORTHWEST BAY LOGGING RD
SADDLE DR
ALBERNI HIGHWAY
WILDGREEN WAY
ALLSBROOK RD
FOURNEAU WAY
INLAND ISLAND HIGHWAY
EVERGREEN WAY
ELK TRAIL
KAYE RD
BURGOYNE RD
PALMER RD
SHEARME RD
BOWLBY RD
FAIR RD
PRICE RD
RUFFELS RD
BELLEVUE RD
STATION RD
MATTERSON RD
ERRINGTON RD
LEFFLER RD
GRAFTON AVE
TINTERN RD
KOPERNICK RD
SWAYNE RD
MIDDLEGATE RD
BENZON CRES
ENGLISHMAN RIVER RD
RIVERS EDGE DR
RASCAL LANE
PETERSON RD
EDWARDS RD
DAWSON RD
DOBSON RD
DUNN RD
MATTHEW RD
LANA RD
MORELLO RD
RENA RD
French Creek
Carey Creek
Romney Creek
Shelly Creek
Craig Creek
Dudley Marsh
Swane Creek
Morison Creek
Centre Creek
South Englishman River
Nanoose Creek
English River
English
Mid Vancouver Island
Habitat Enhancement Society
2024 Monitoring Sites
Regional District of Nanaimo
Status
Active
Not Active
Watercourse
(approximate location)
Community Park
Regional Park
Provincial Park
2022 Air Photo
0 500 1,000 2,000
Meters
July 2024
N