

APPENDIX D: DETAILED RESULTS SUMMARY FIGURES

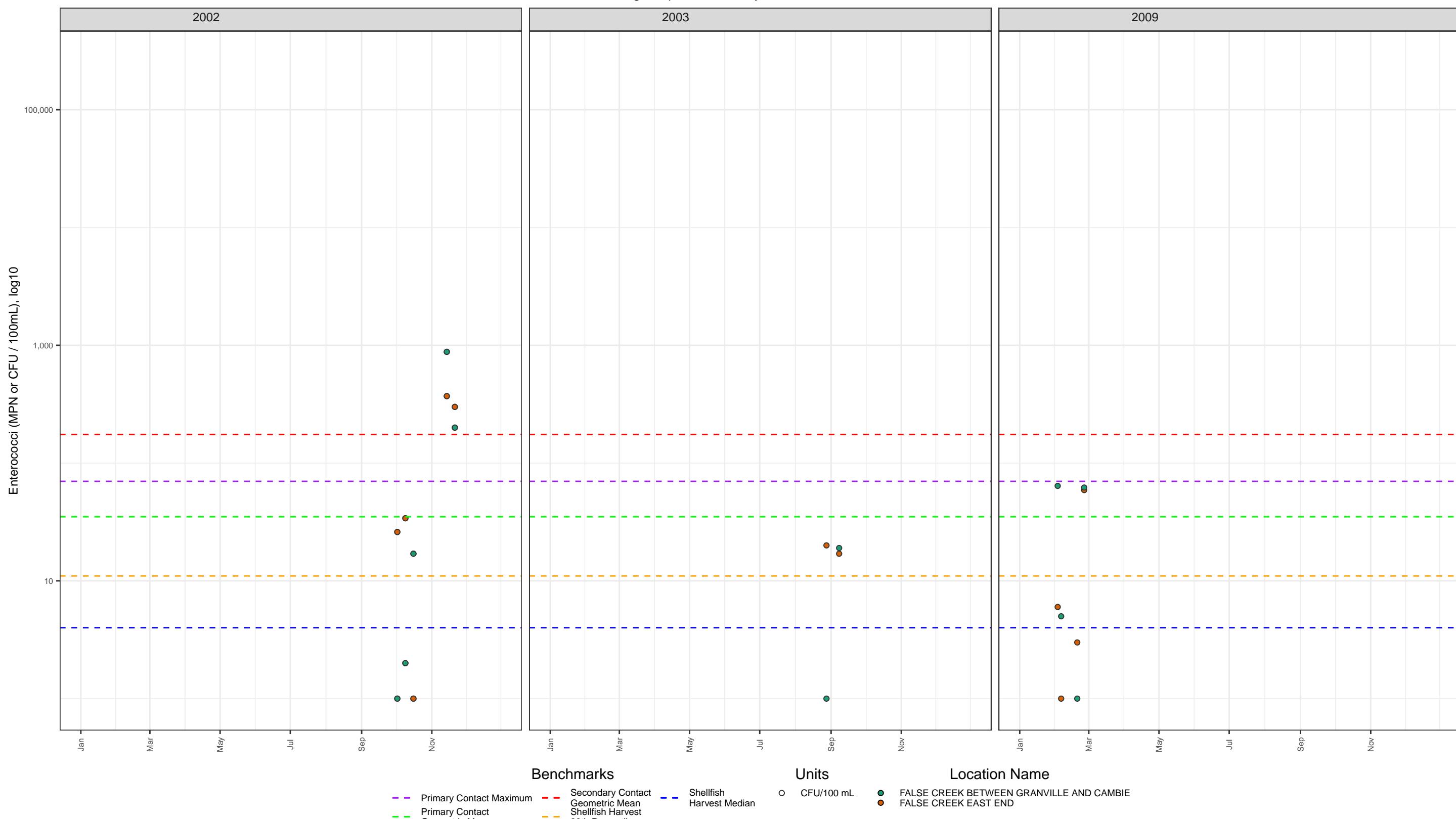
LeNoble, J.L., Lilley, P. and A. Rao. 2021. Water Quality Assessment and Proposed Objectives for Burrard Inlet:
Microbiological Indicators Technical Report Appendix D: Detailed Results Summary Figures.
Prepared for Tsleil-Waututh Nation and the Province of B.C.

- D.1 False Creek**
 - Provincial Water Quality Objectives (WQOs) Attainment Monitoring
 - Metro Vancouver's Recreational Water Quality Monitoring
- D.2 Outer Harbour**
 - Metro Vancouver's Burrard Inlet Ambient Monitoring Program
 - Provincial WQOs Attainment Monitoring
 - Metro Vancouver's Recreational Water Quality Monitoring Program
- D.3 Inner Harbour**
 - Metro Vancouver's Burrard Inlet Ambient Monitoring Program
 - Provincial WQOs Attainment Monitoring
 - Metro Vancouver's Recreational Water Quality Monitoring Program
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 - Metro Vancouver's Burrard Inlet Ambient Monitoring Program
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 - Metro Vancouver's Burrard Inlet Ambient Monitoring Program
 - Provincial WQOs Attainment Monitoring
 - Metro Vancouver's Recreational Water Quality Monitoring Program
 - Canadian Shellfish Sanitation Program

D.1 False Creek

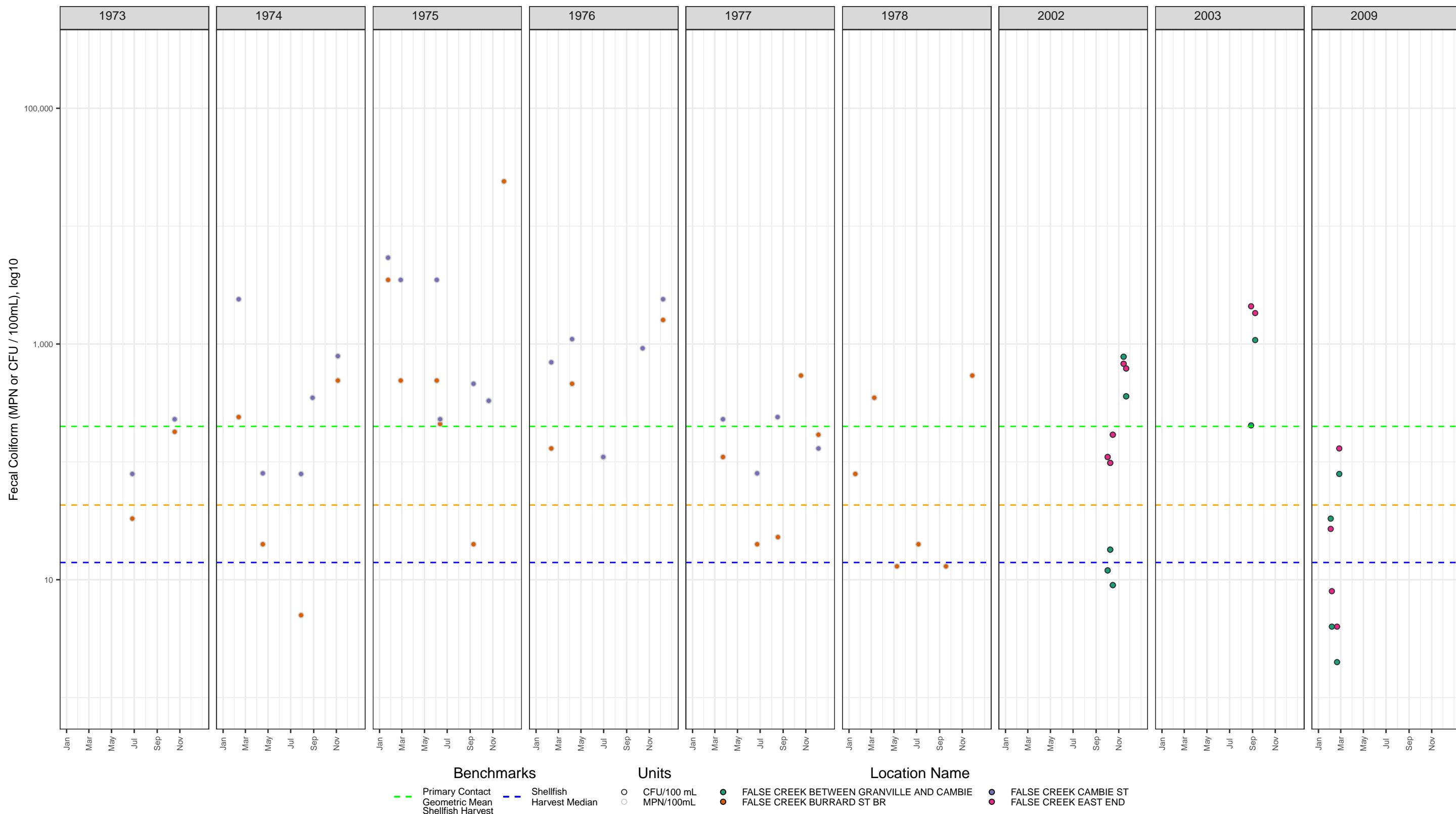
Provincial Water Quality Objectives (WQOs) Attainment Monitoring

Comparison of Individual Samples for Enterococci to Recreation and Cultural Practices, and Shellfish Harvesting Benchmarks,
using Samples Collected by ENV from FALSE CREEK



Individual values reported where statistics could not be calculated using a minimum of 5 samples calculated over 30 days

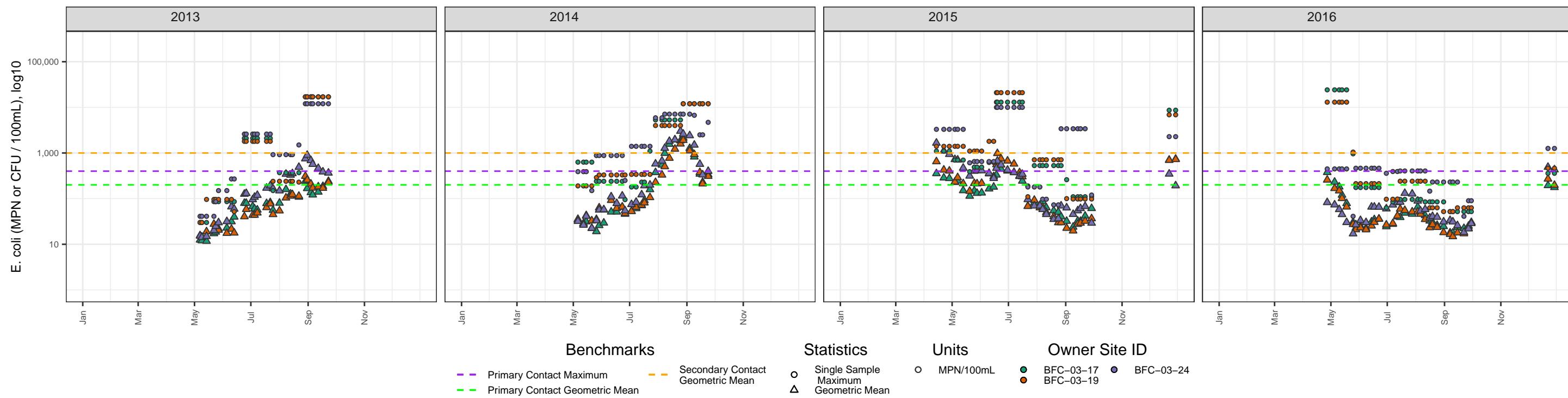
Comparison of Individual Samples for Fecal Coliform to Recreation and Cultural Practices, and Shellfish Harvesting Benchmarks,
using Samples Collected by ENV from FALSE CREEK



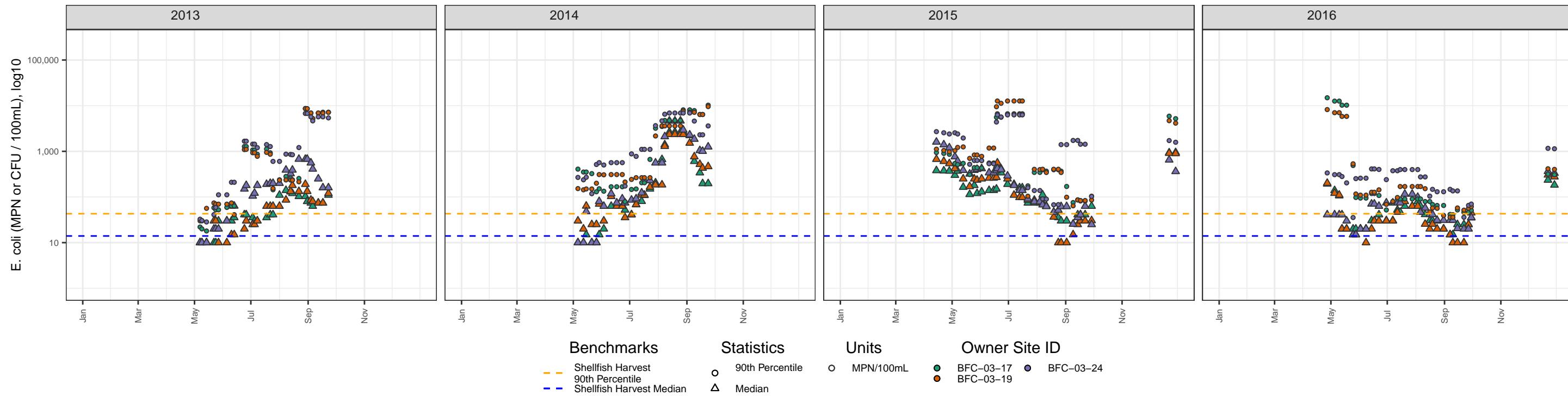
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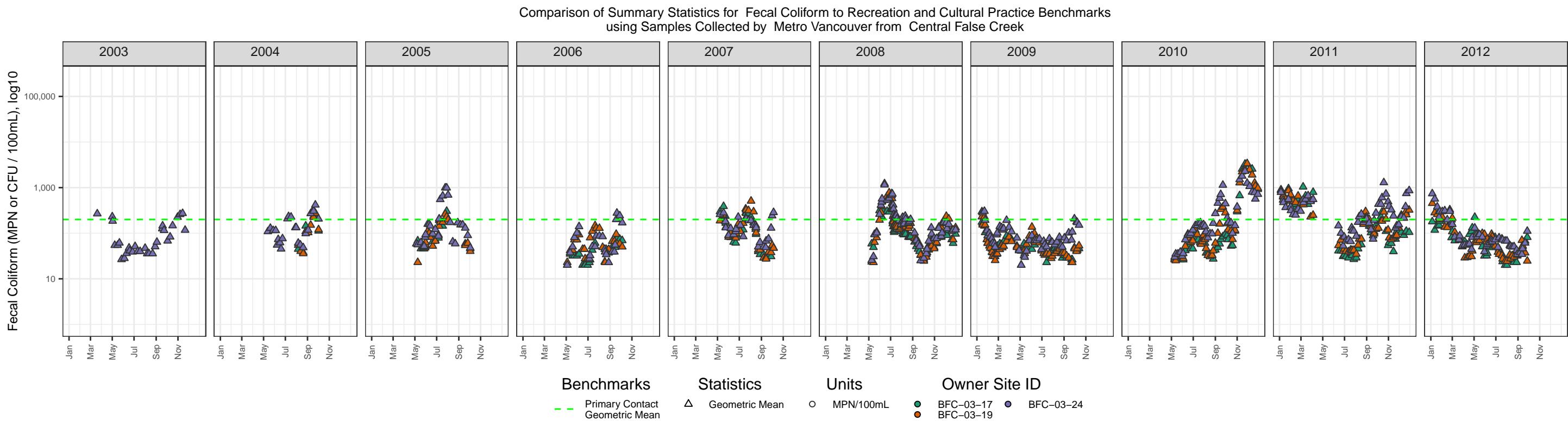
Metro Vancouver's Recreational Water Quality Monitoring

Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Central False Creek

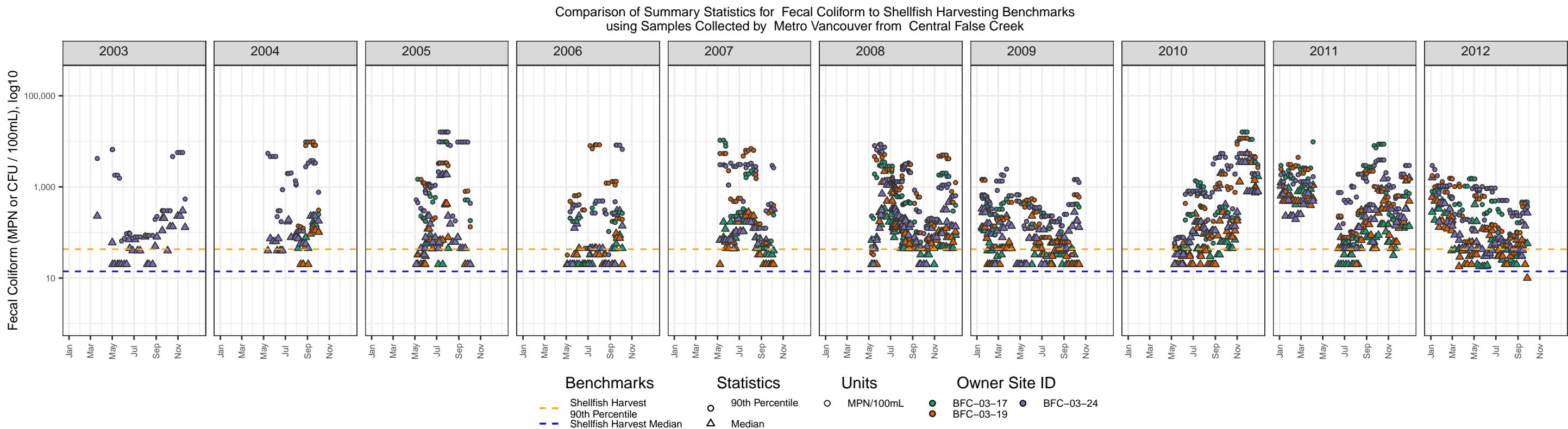


Comparison of Summary Statistics for E. coli to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from Central False Creek



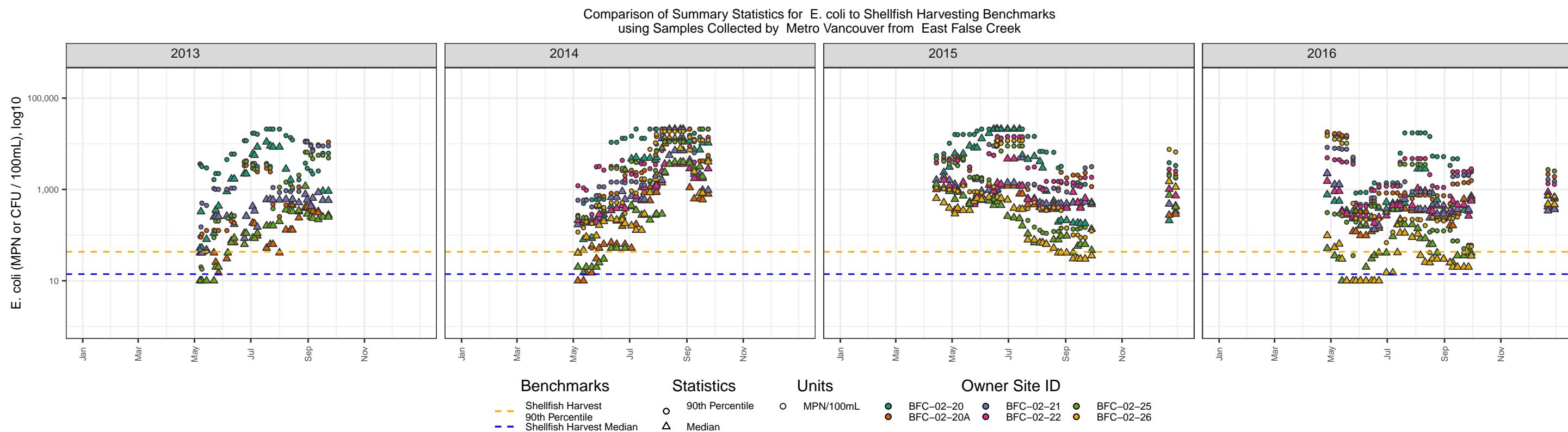
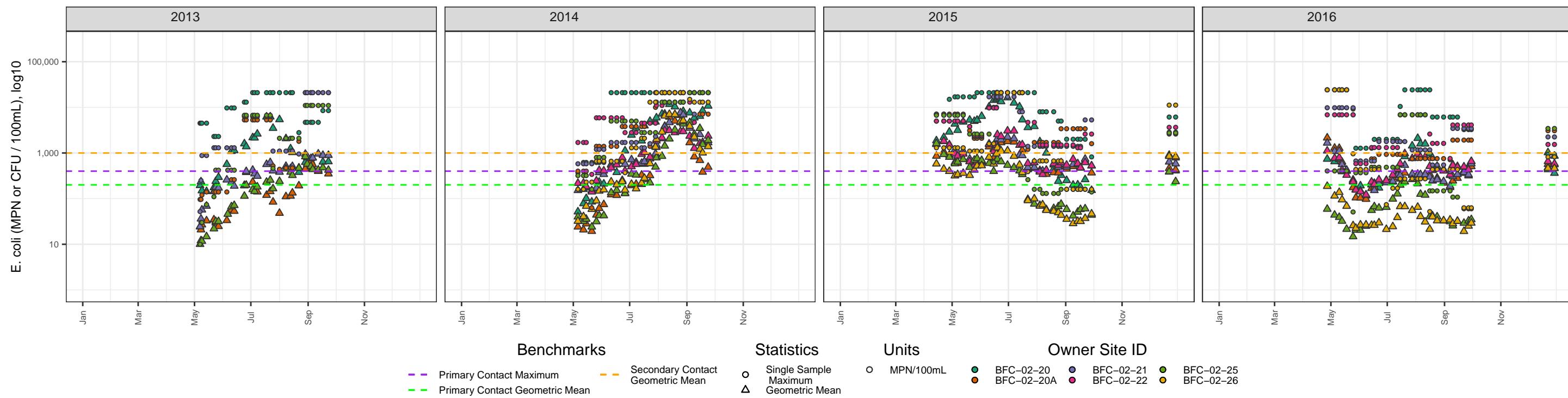


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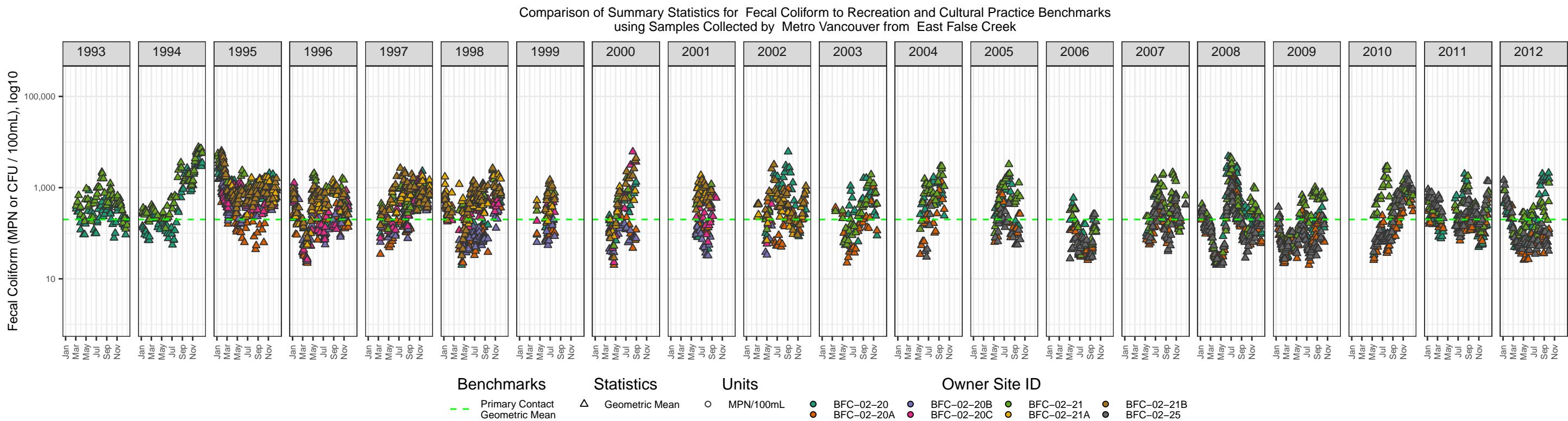


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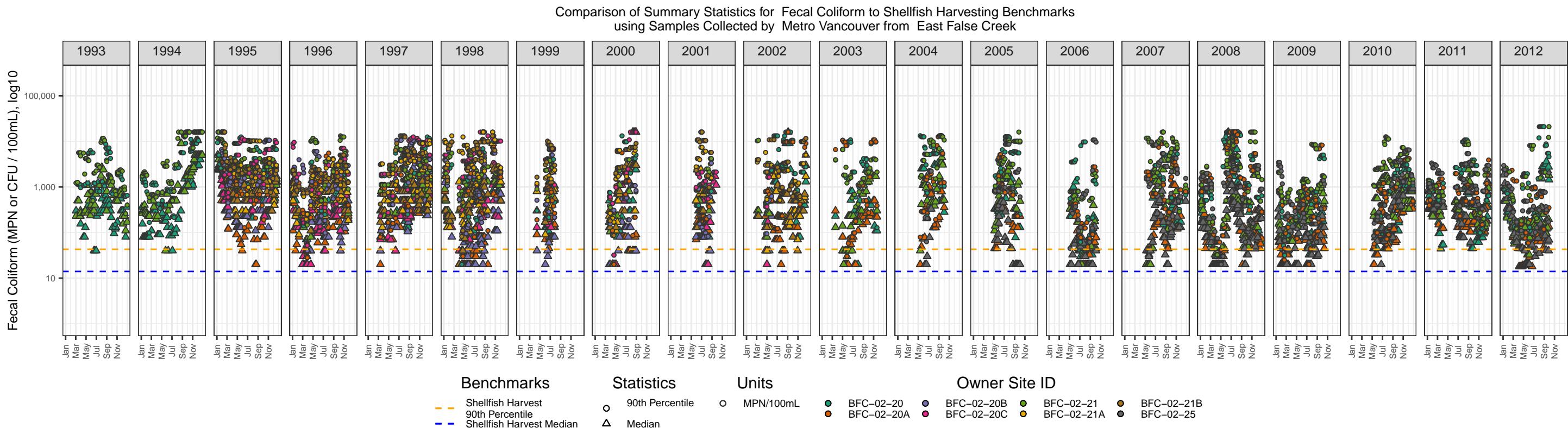
Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from East False Creek



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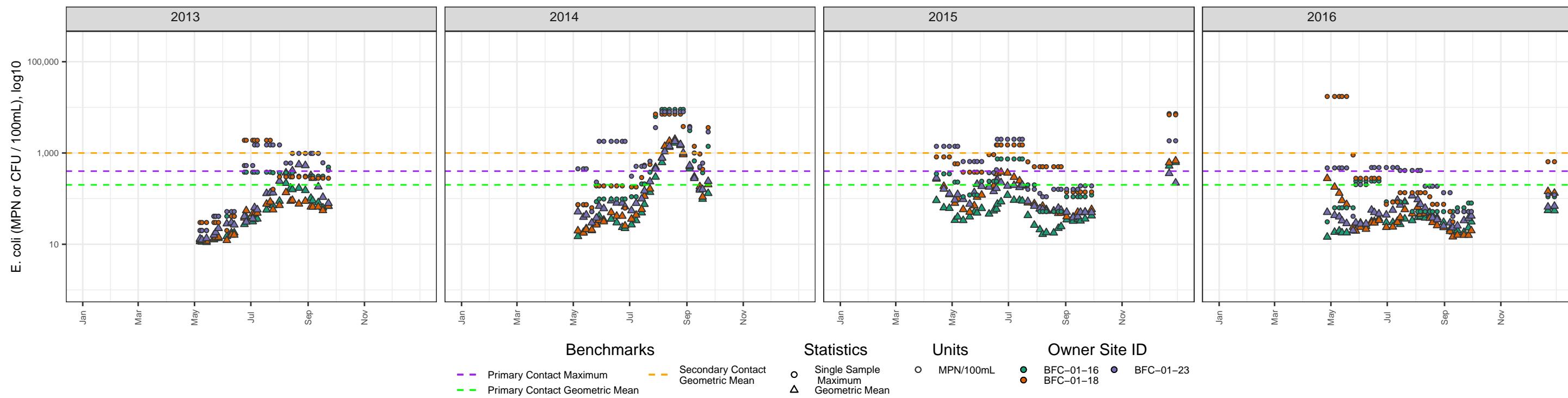


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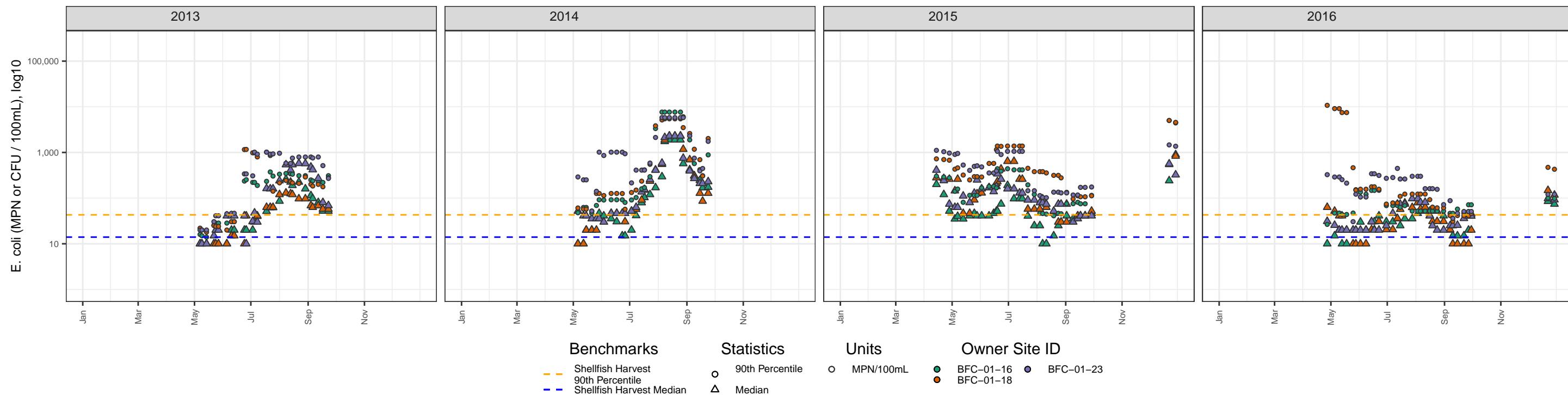


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Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from West False Creek

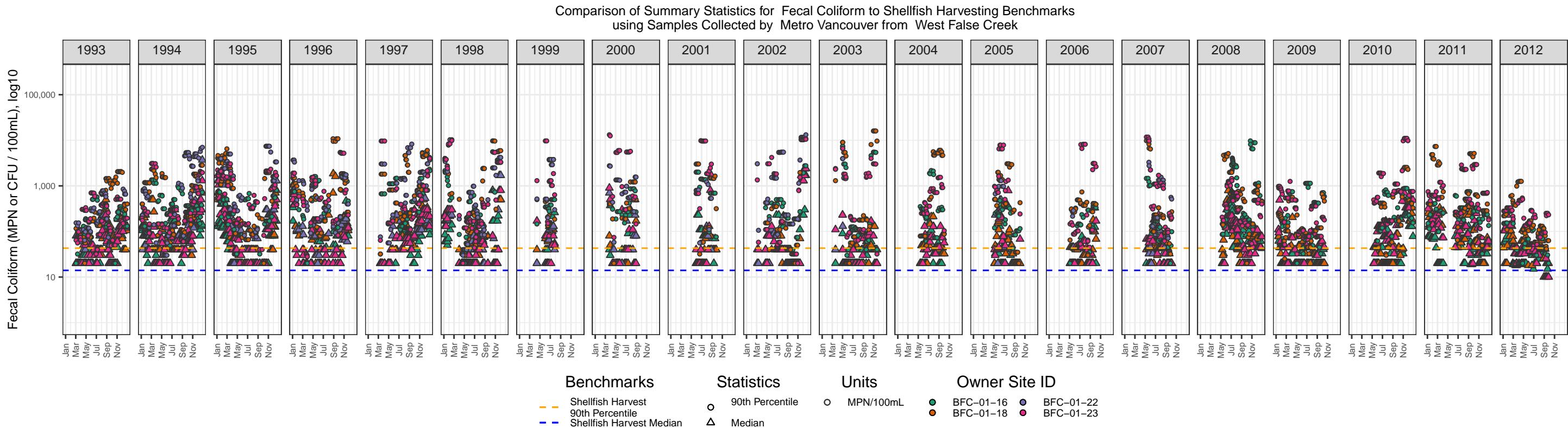


Comparison of Summary Statistics for E. coli to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from West False Creek





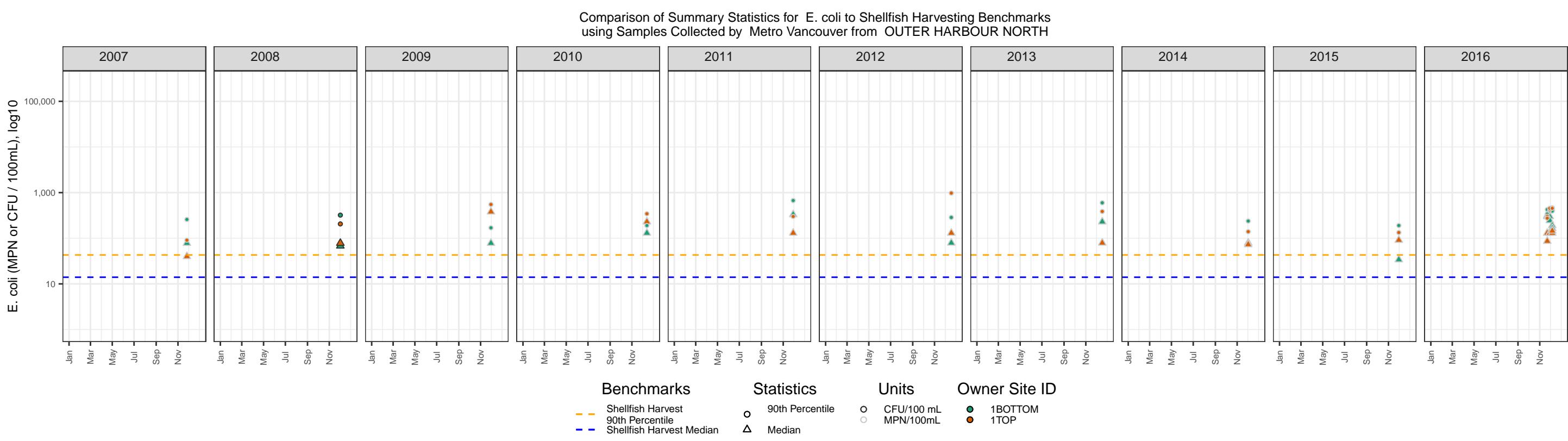
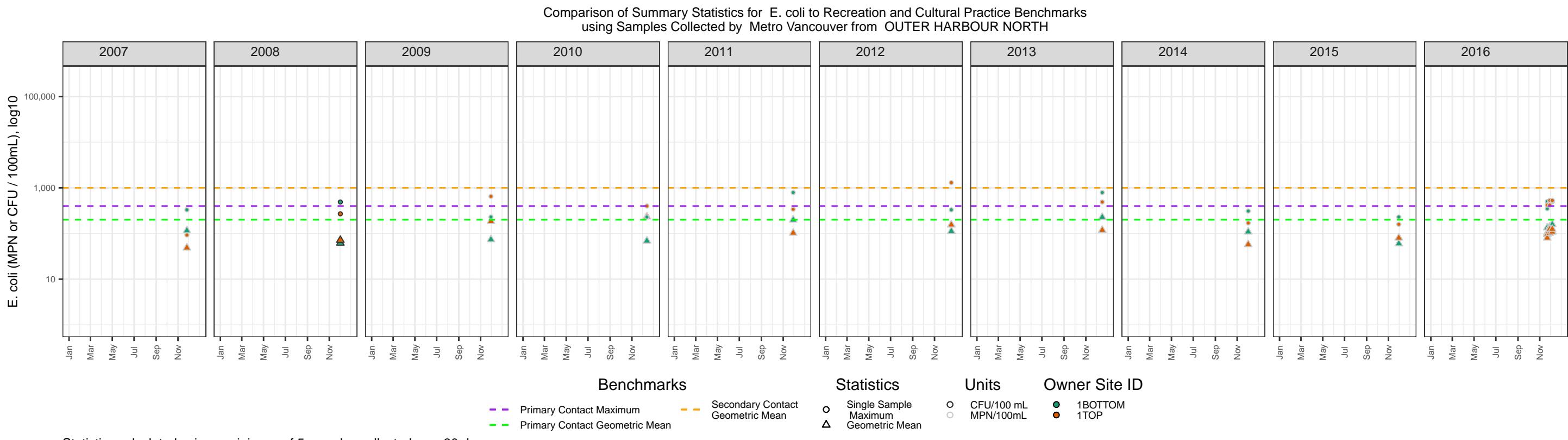
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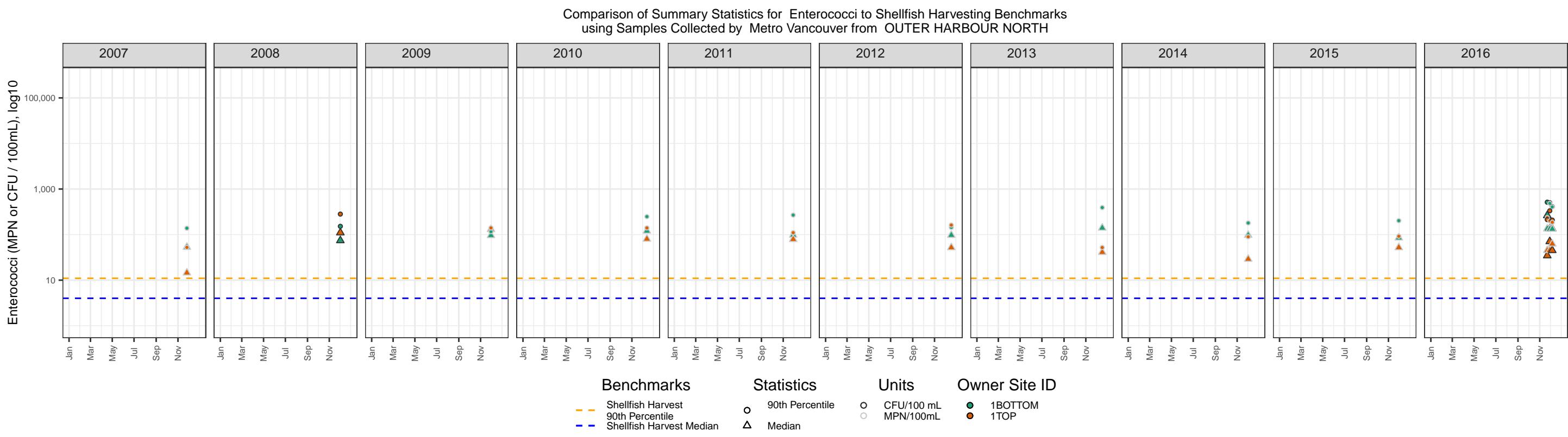
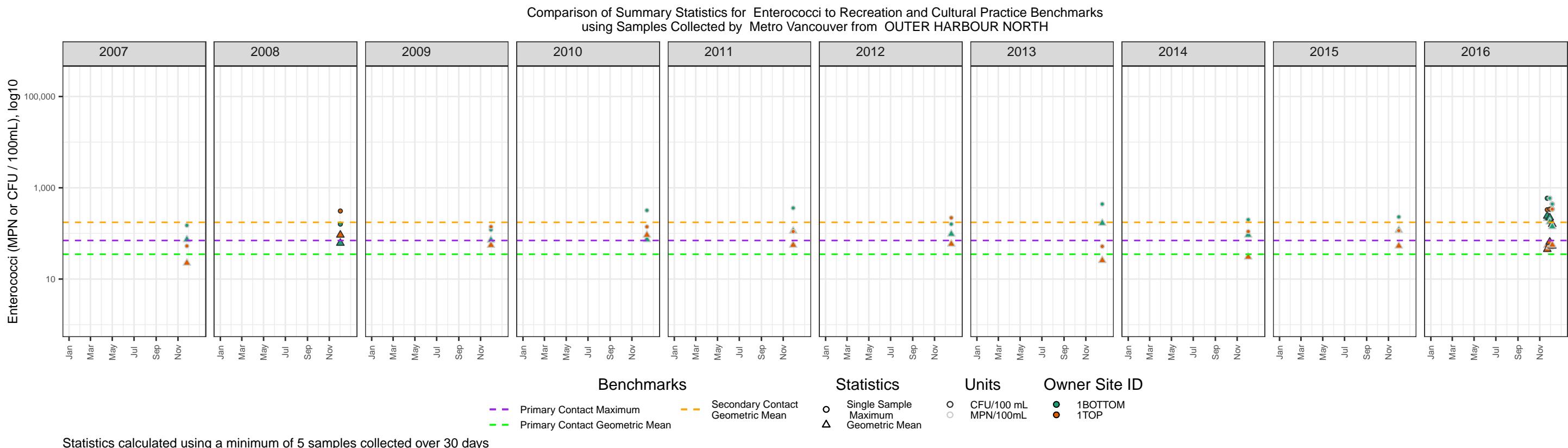


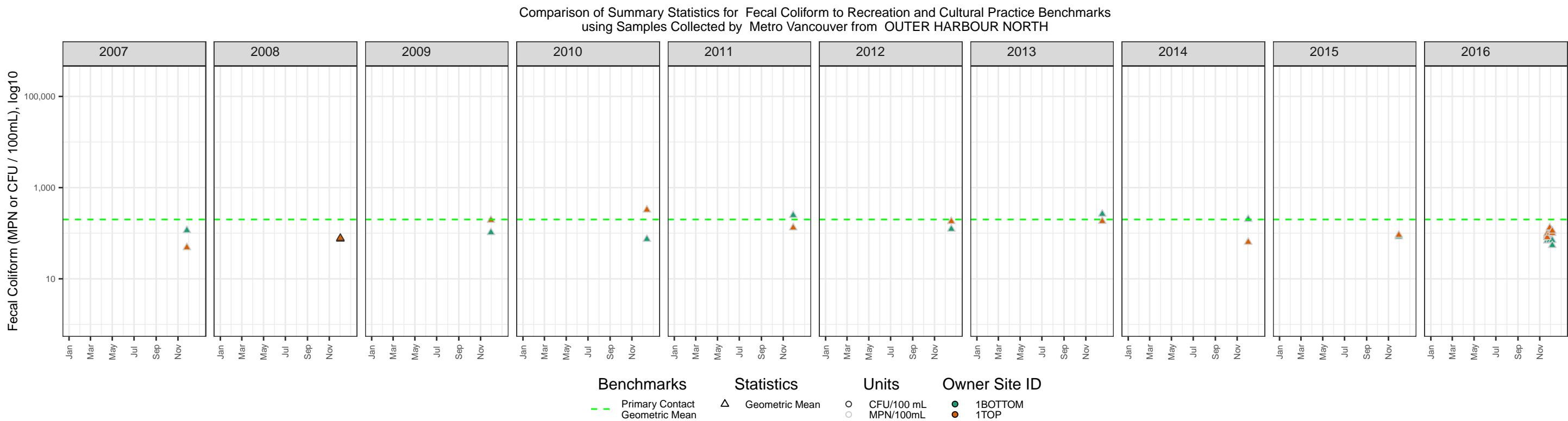
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D.2 Outer Harbour

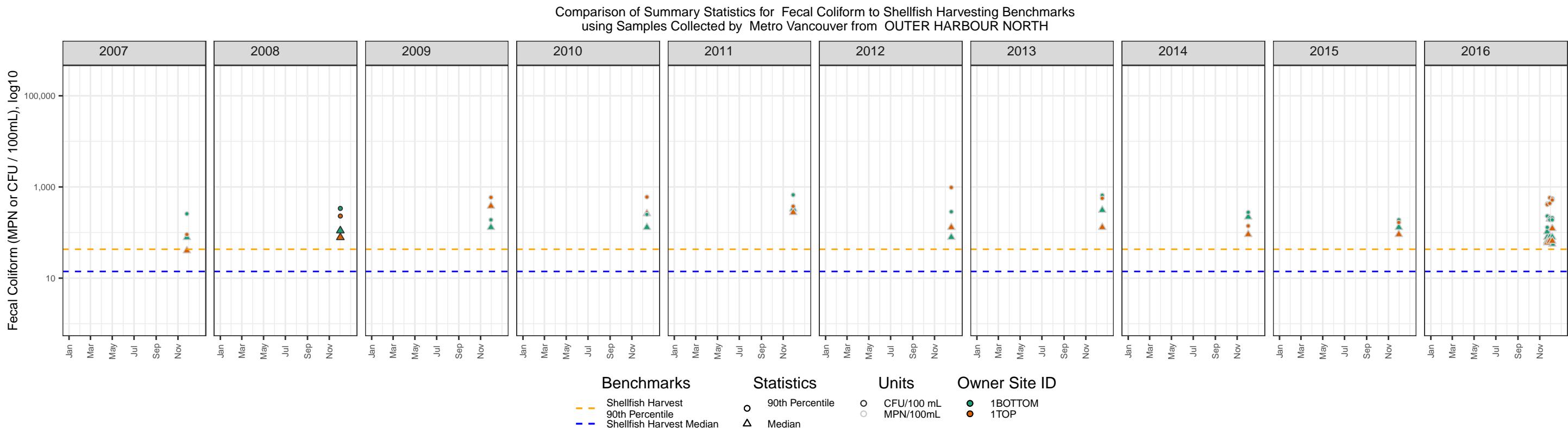
Metro Vancouver's Burrard Inlet Ambient Monitoring Program



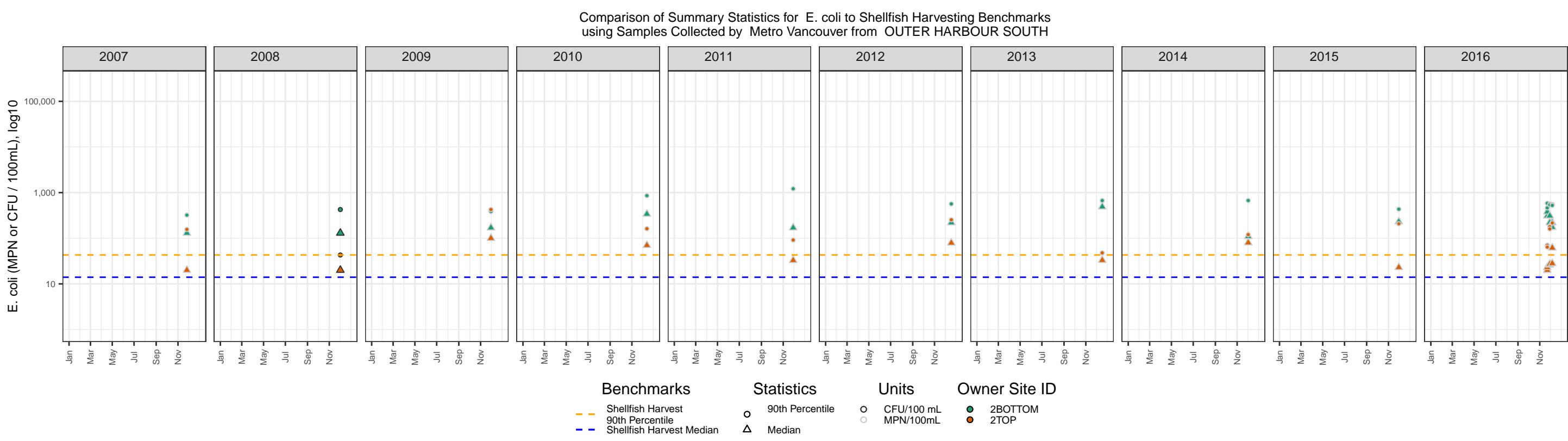
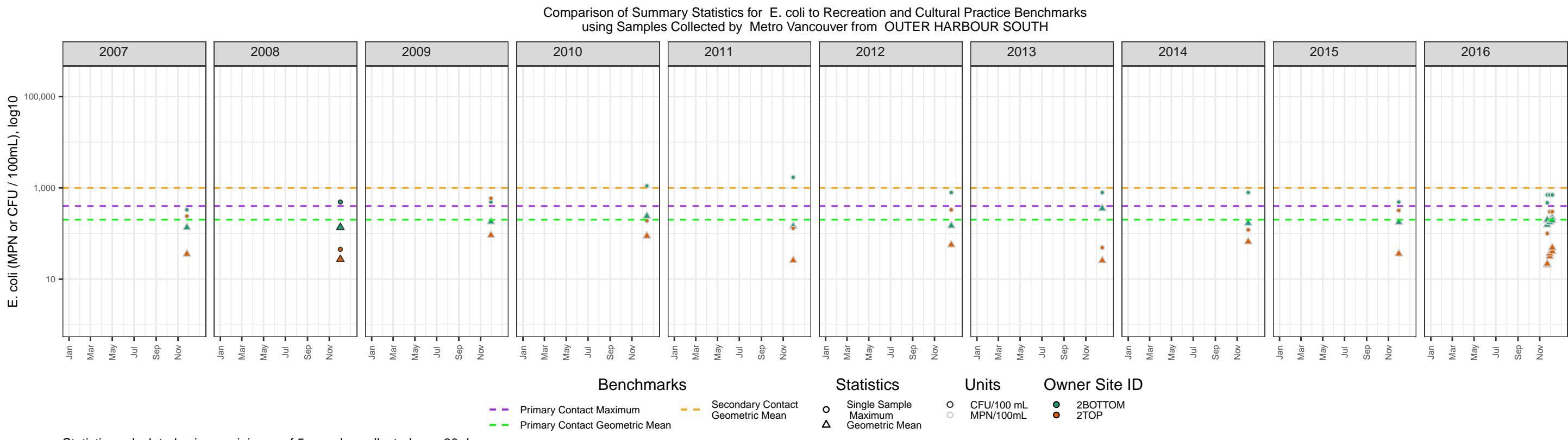


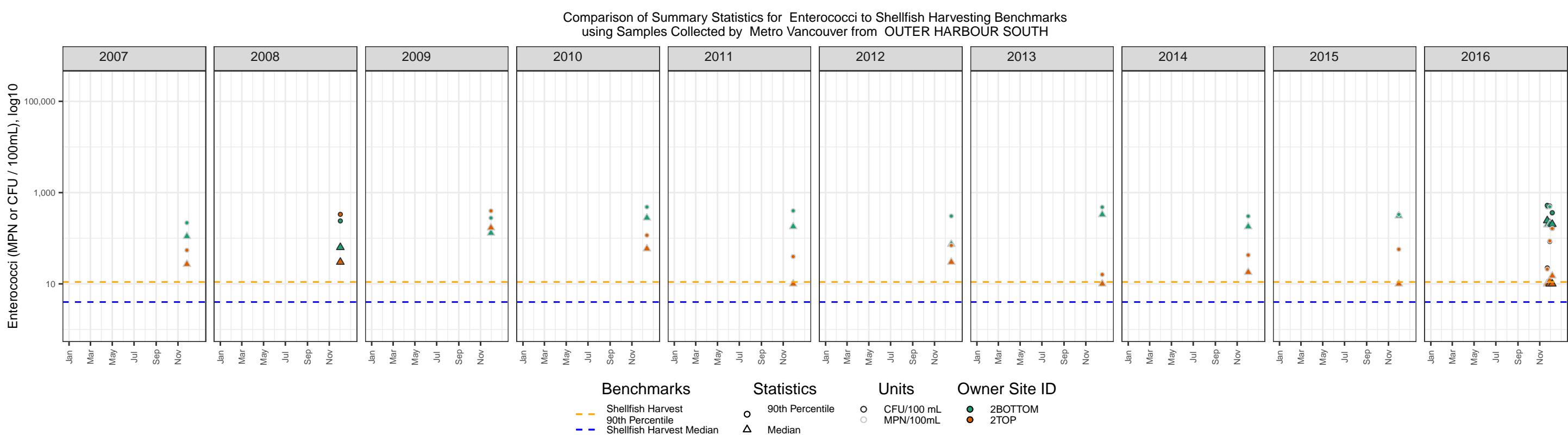
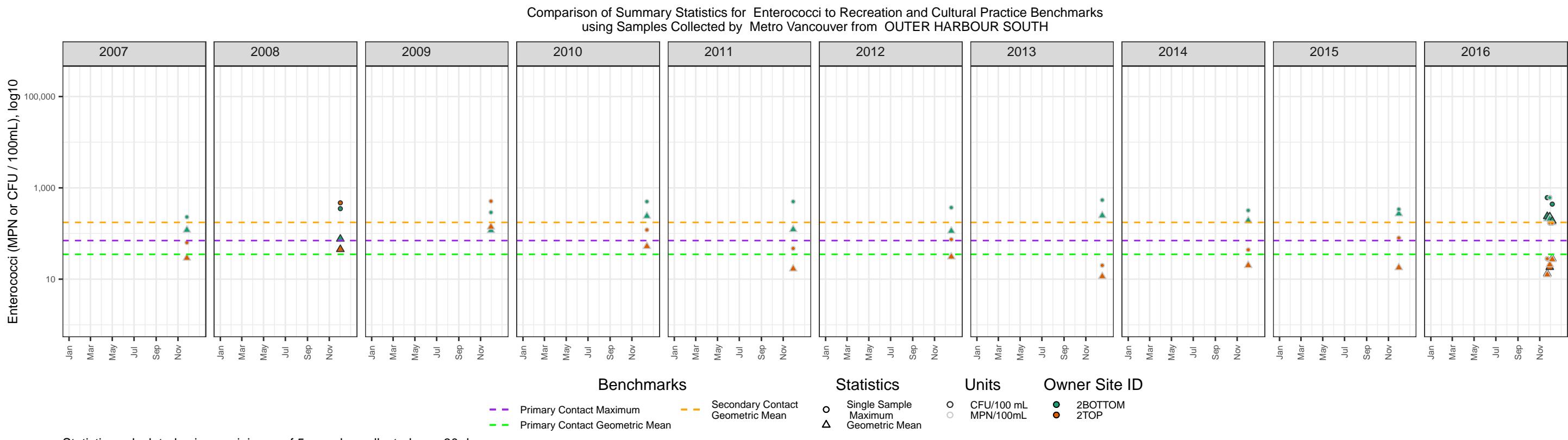


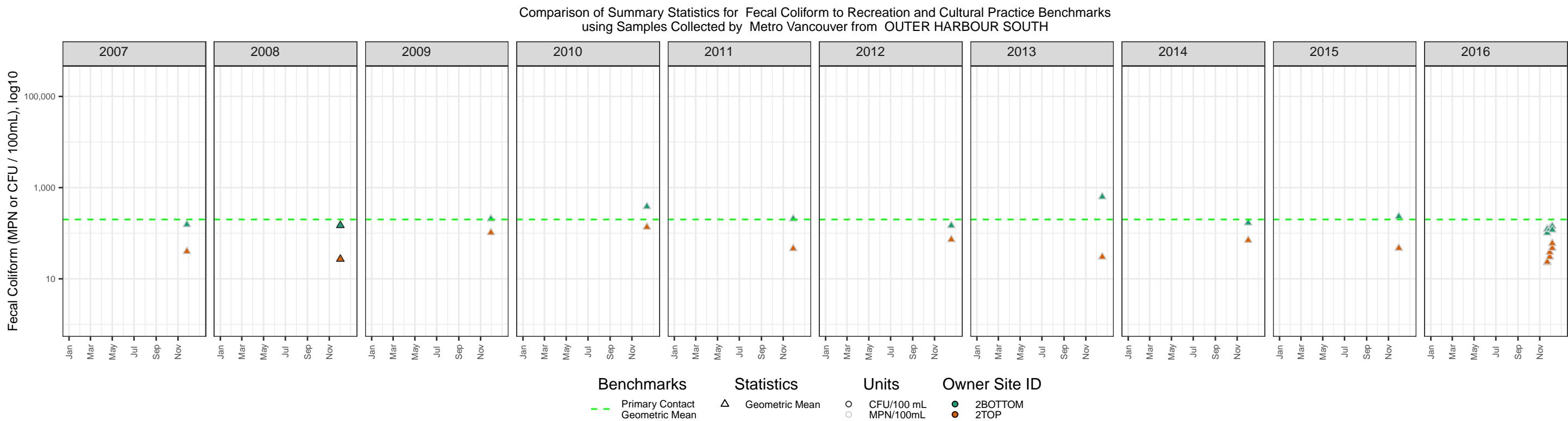
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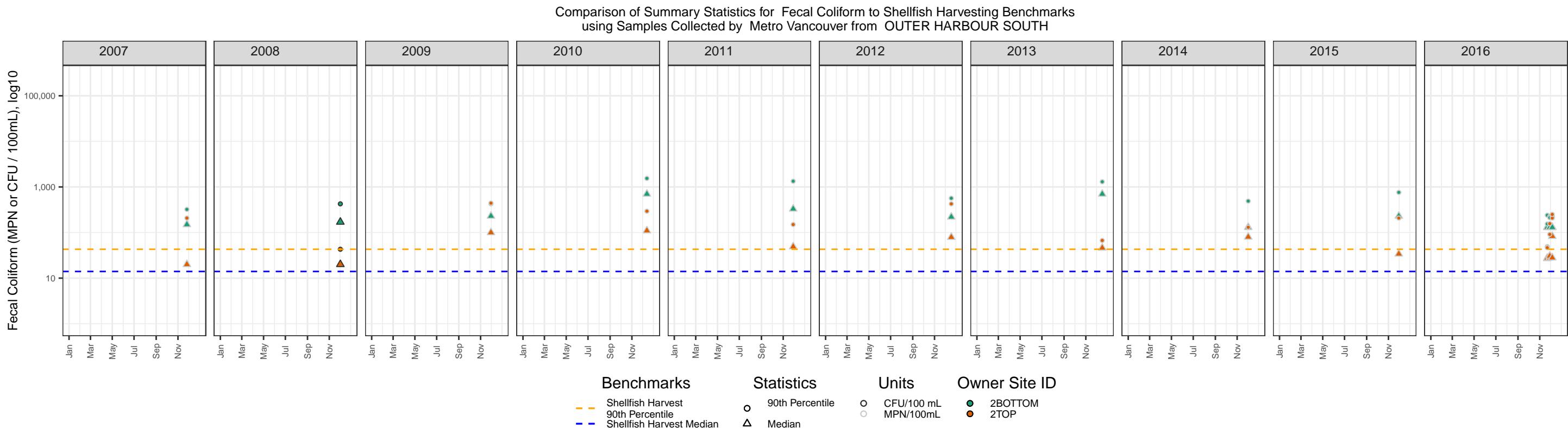
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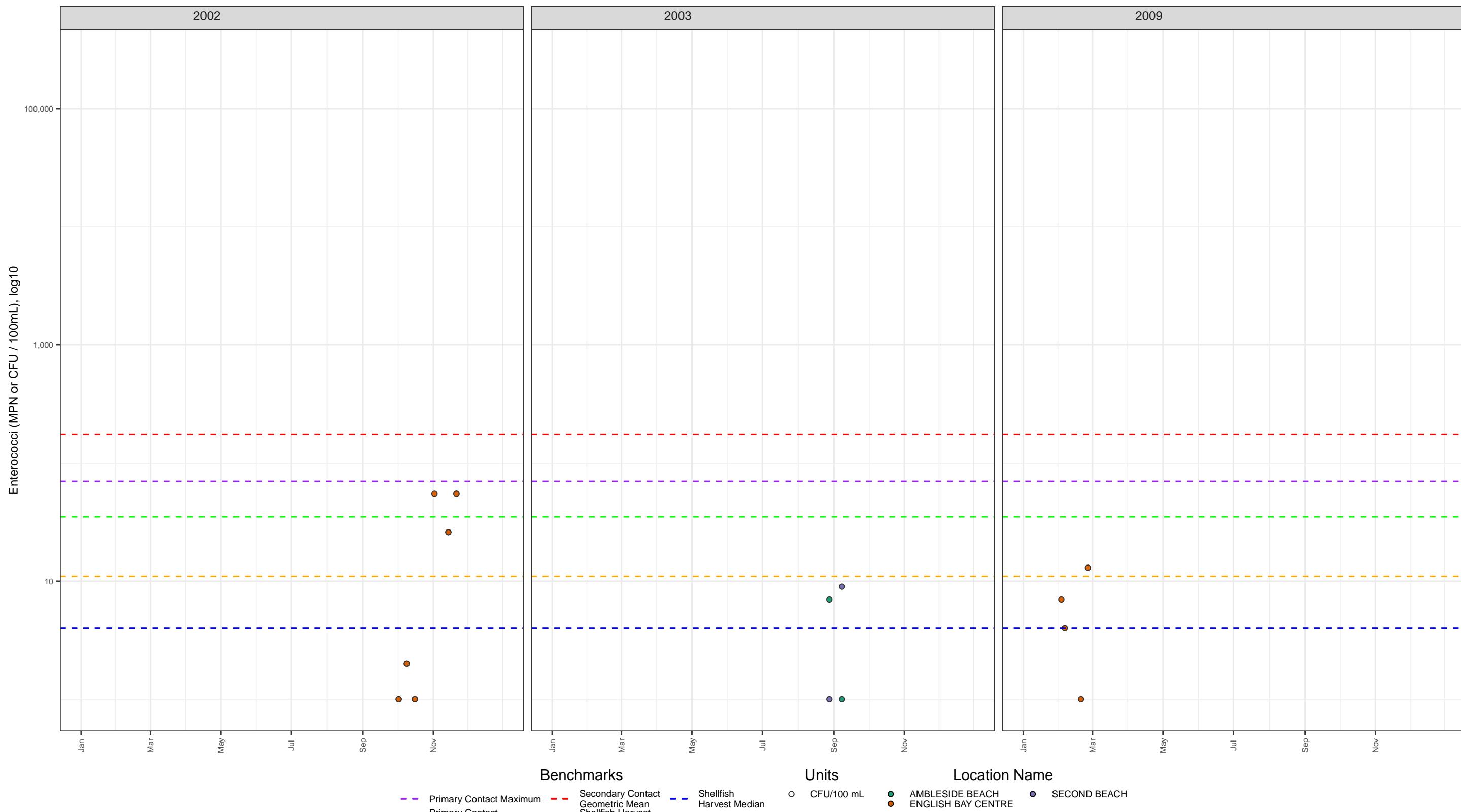
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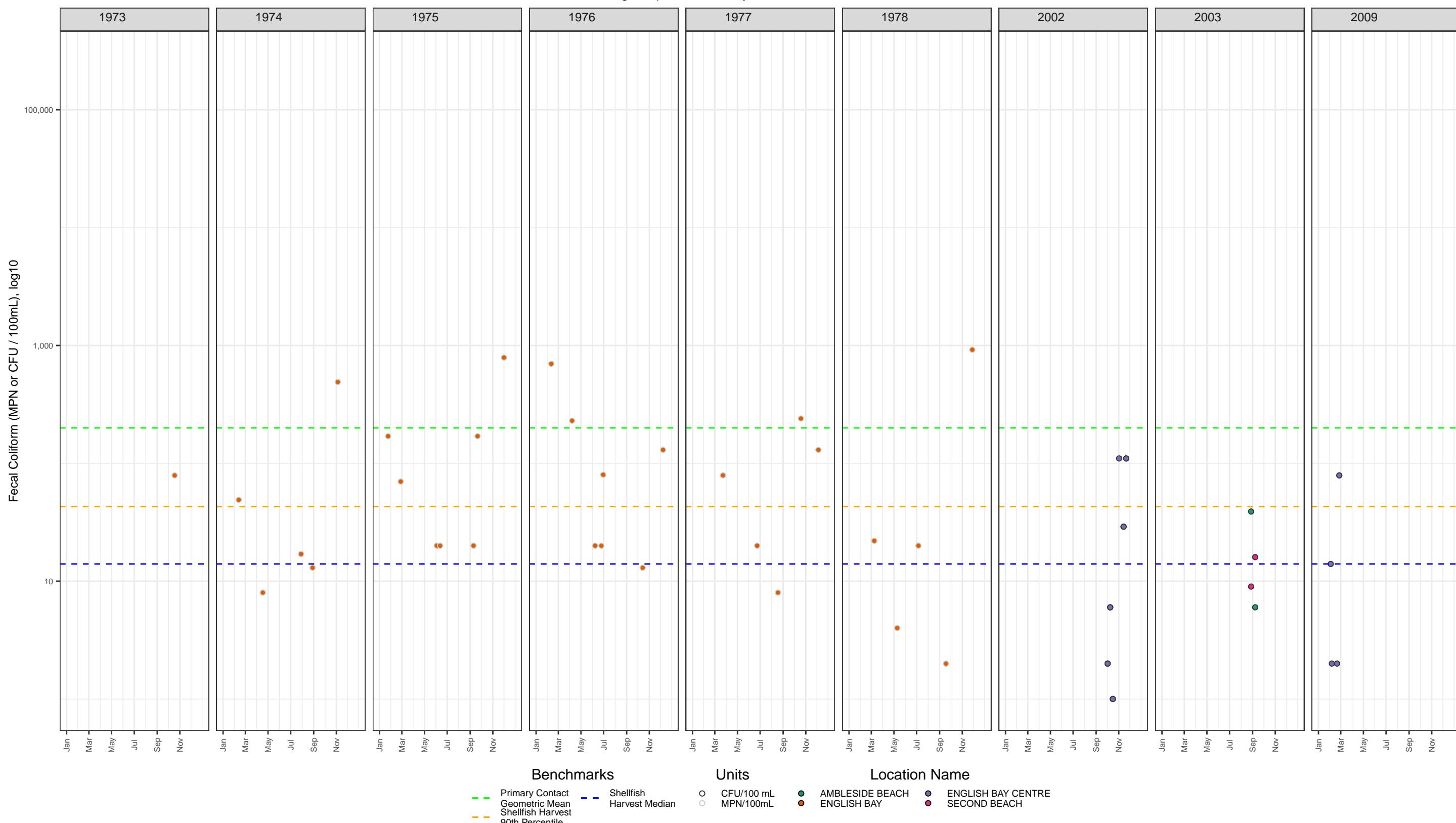
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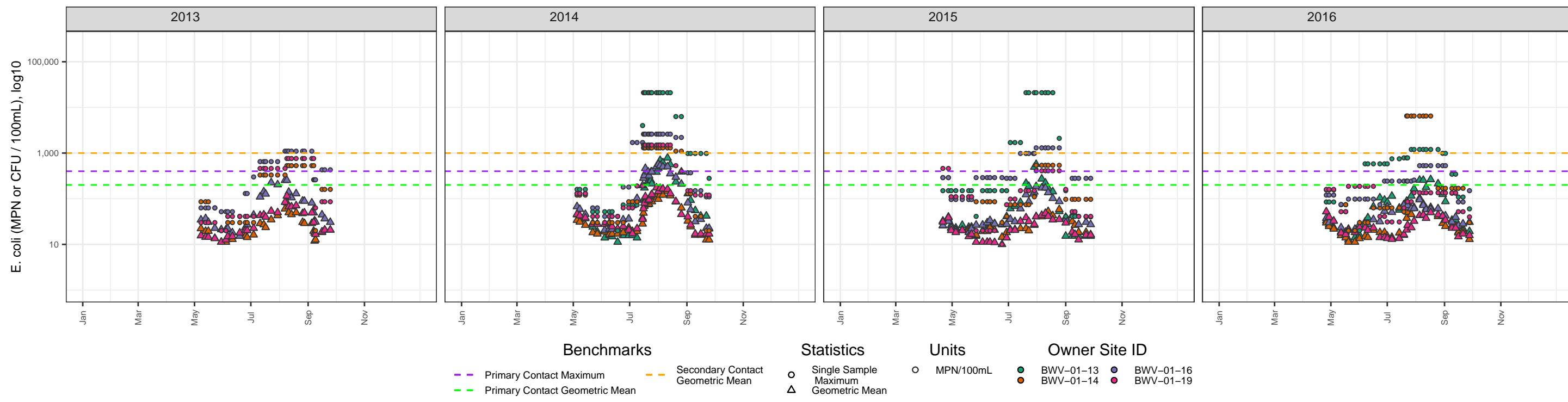
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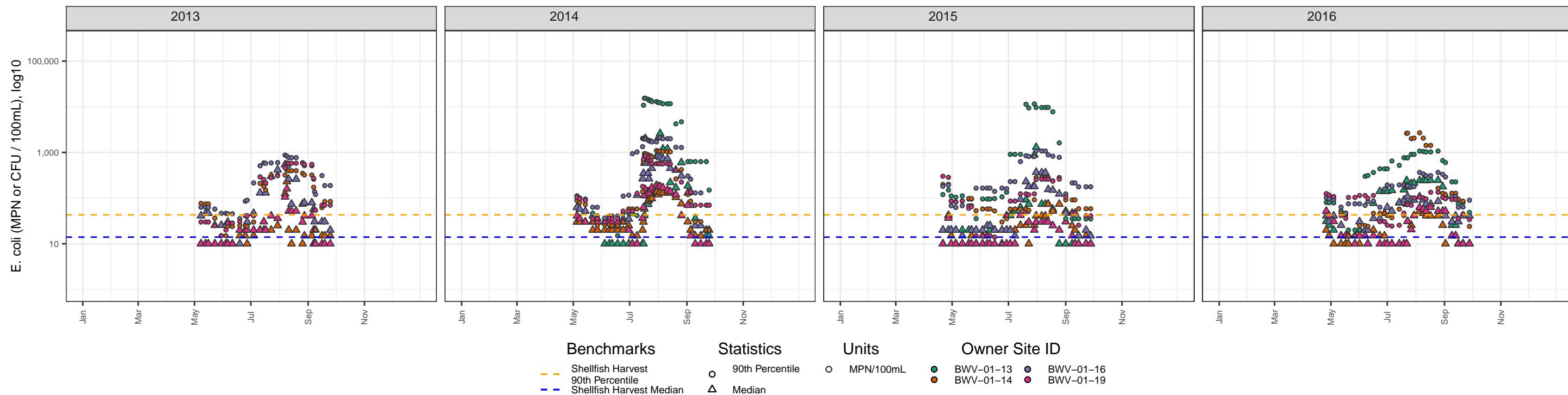
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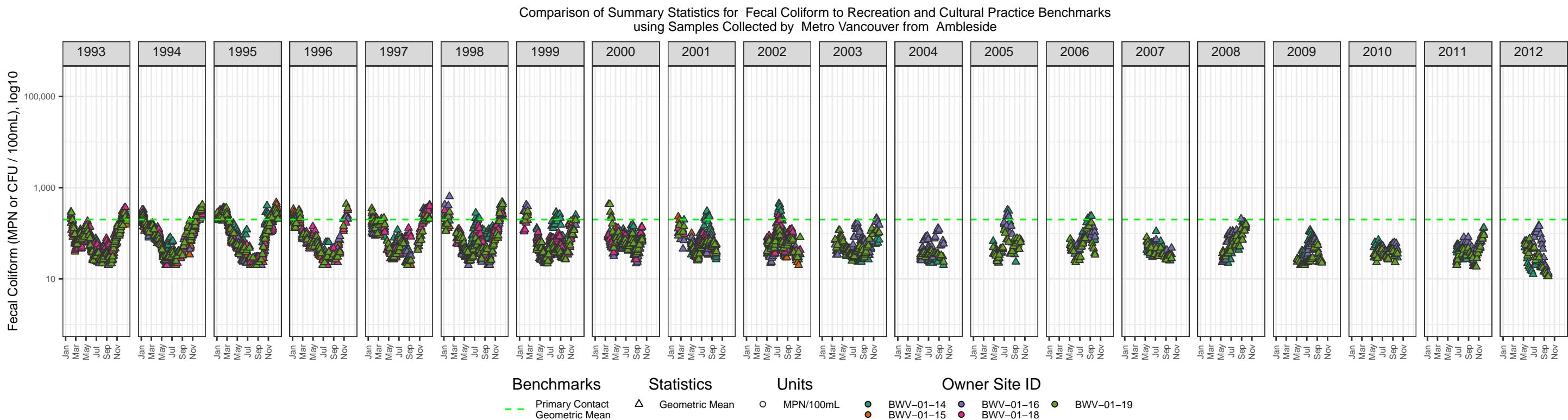
Metro Vancouver's Recreational Water Quality Monitoring Program

Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Ambleside

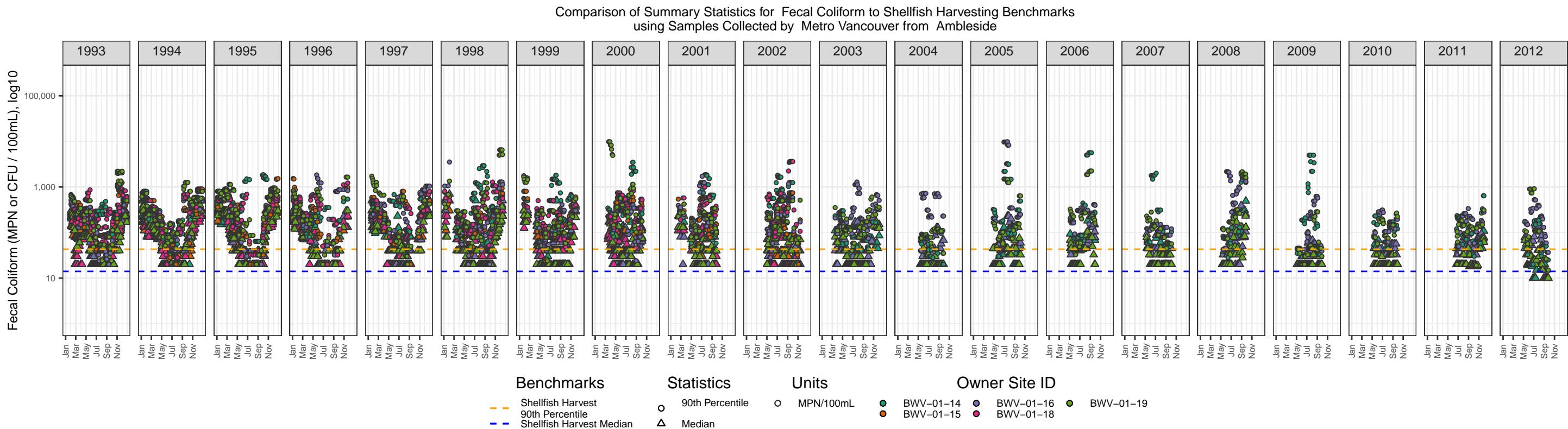


Comparison of Summary Statistics for E. coli to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from Ambleside



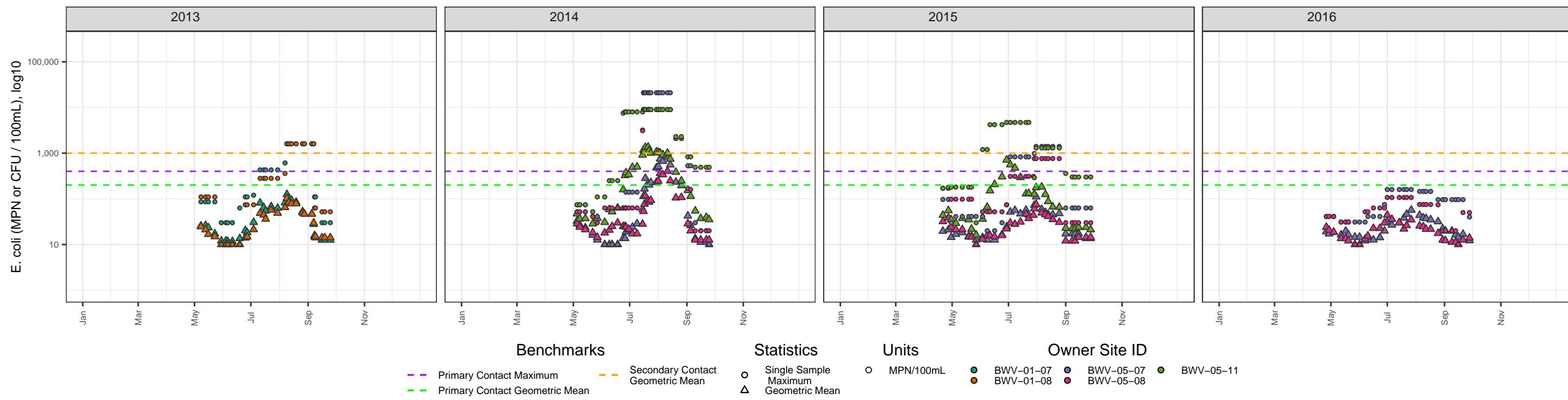


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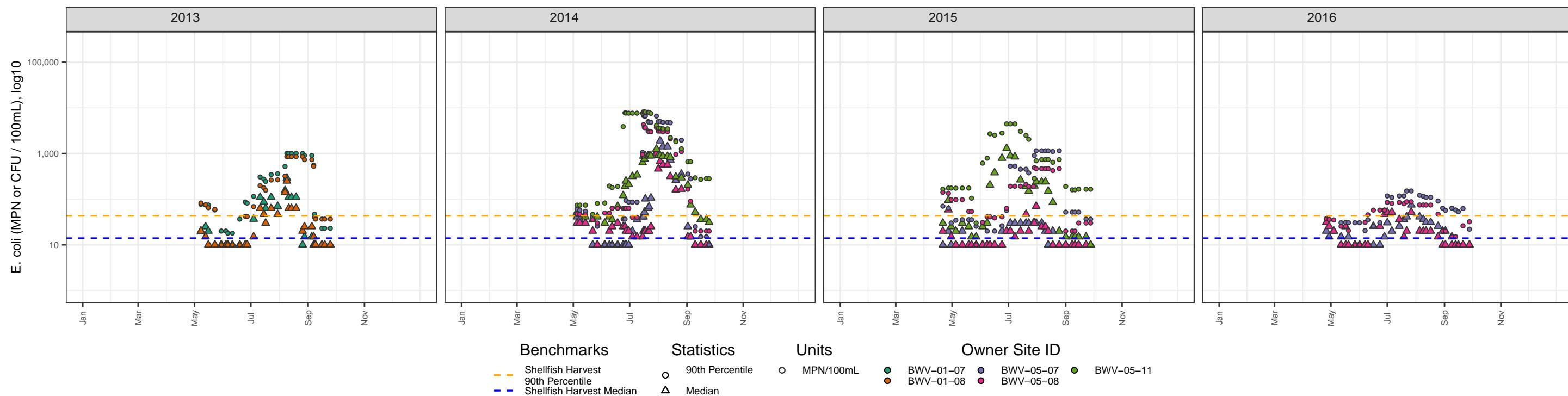


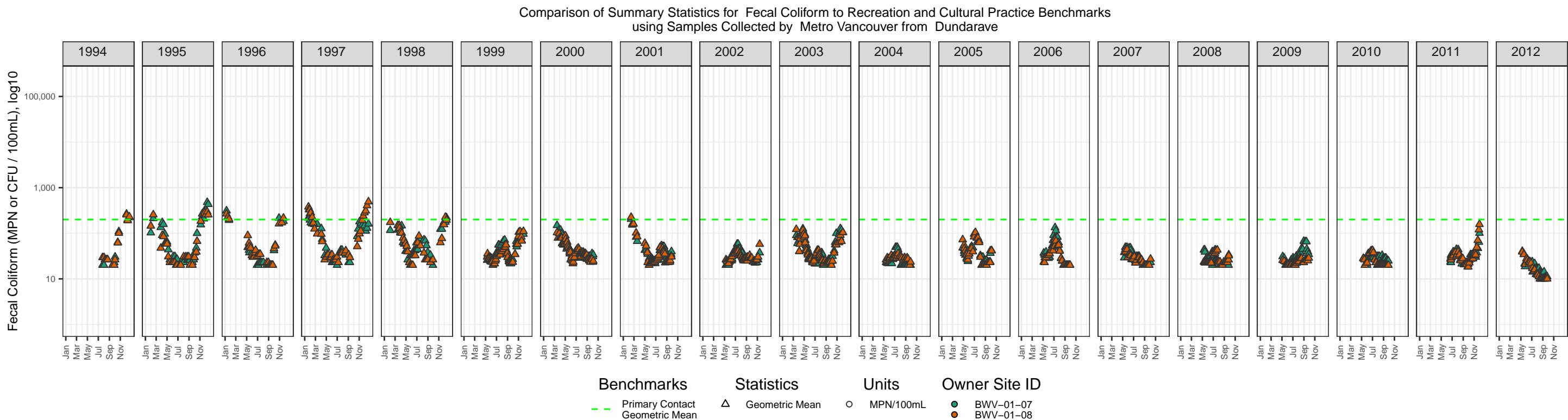
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Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Dundarave

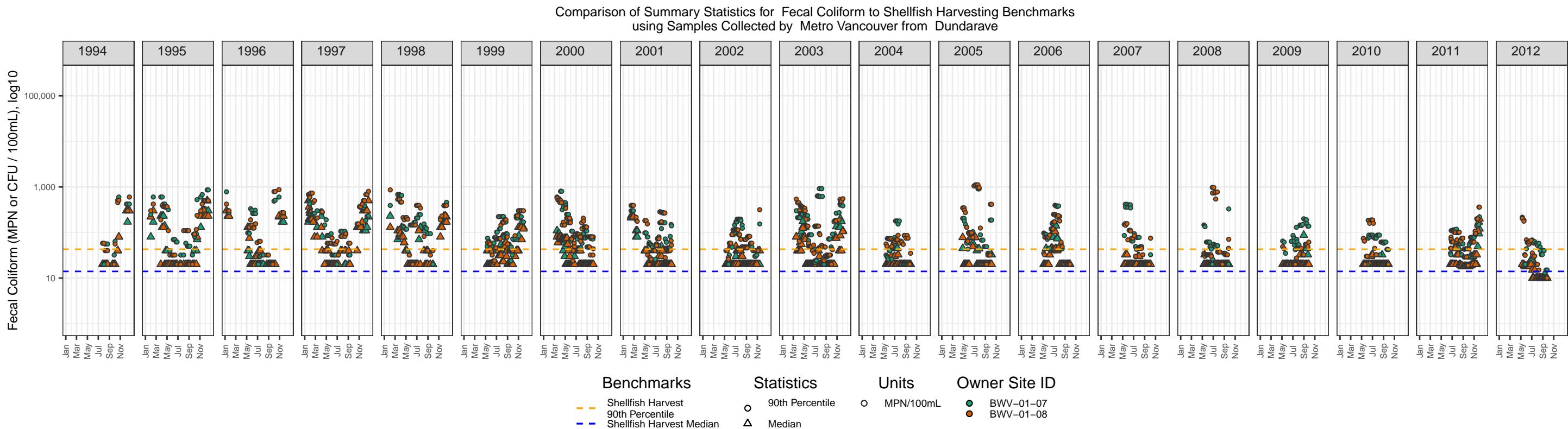


Comparison of Summary Statistics for E. coli to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from Dundarave



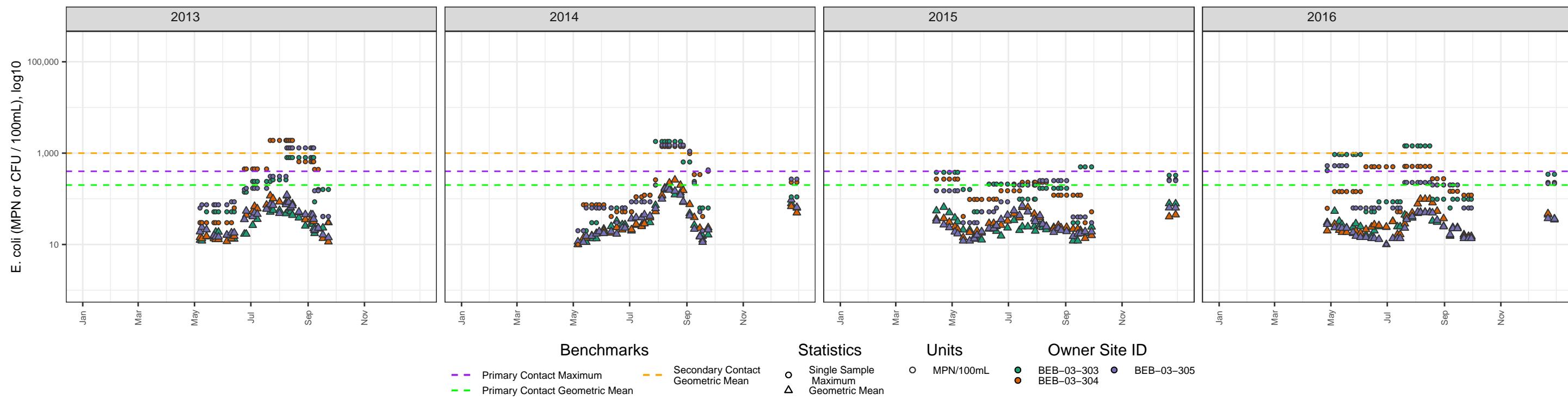


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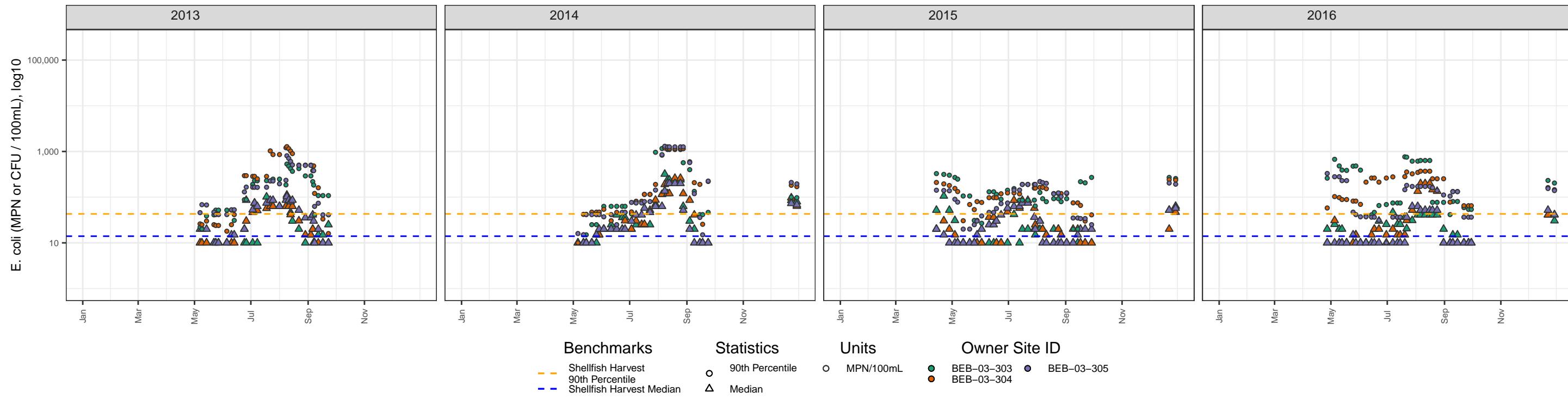


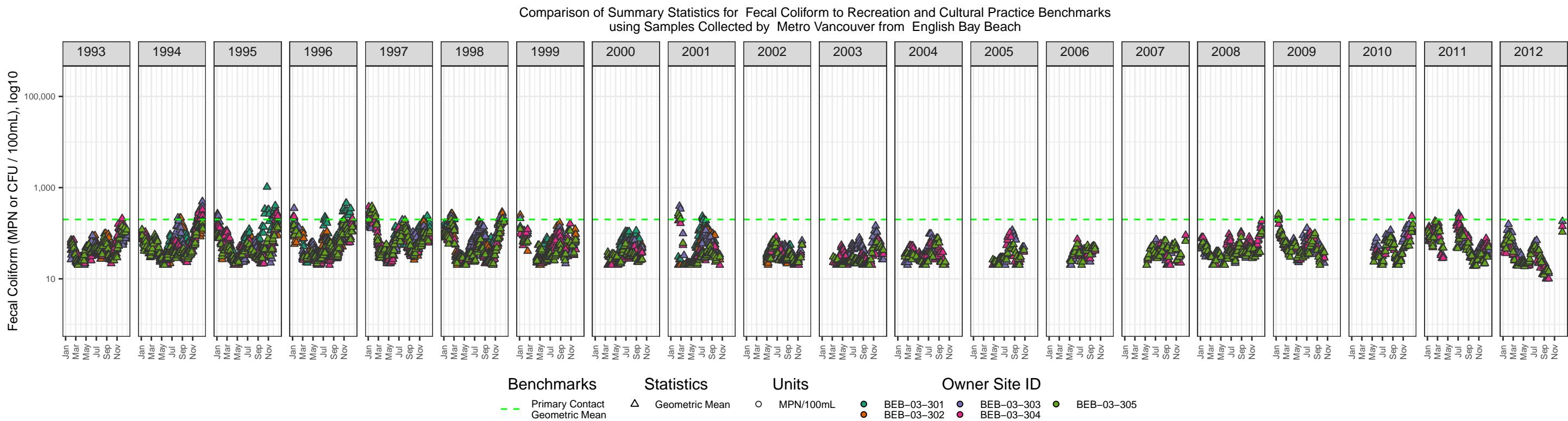
Statistics calculated using a minimum of 5 samples collected over 30 days

Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from English Bay Beach

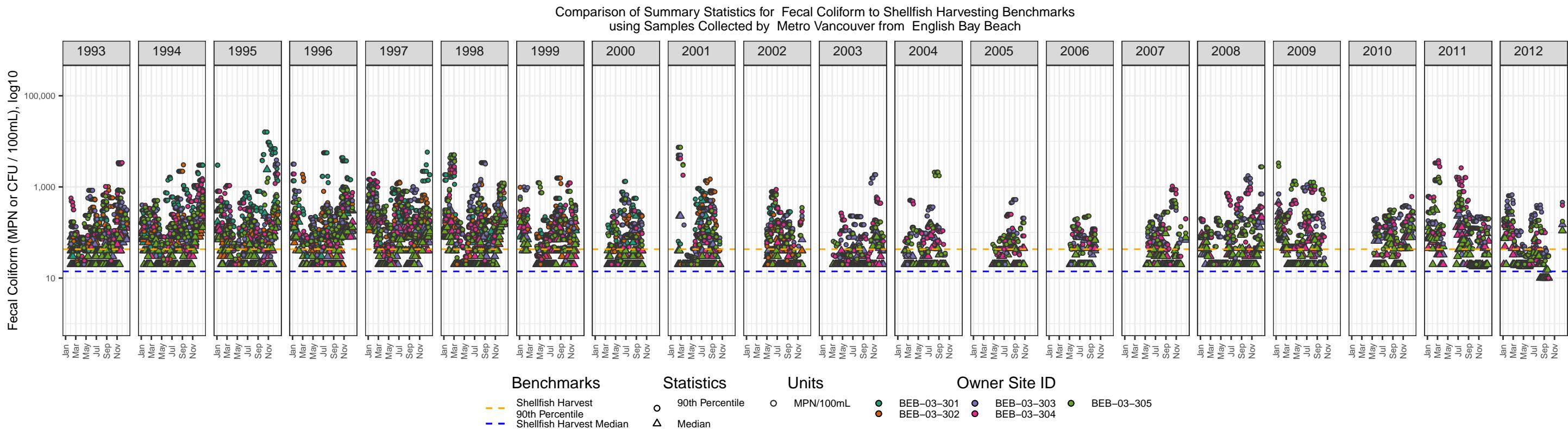


Comparison of Summary Statistics for E. coli to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from English Bay Beach



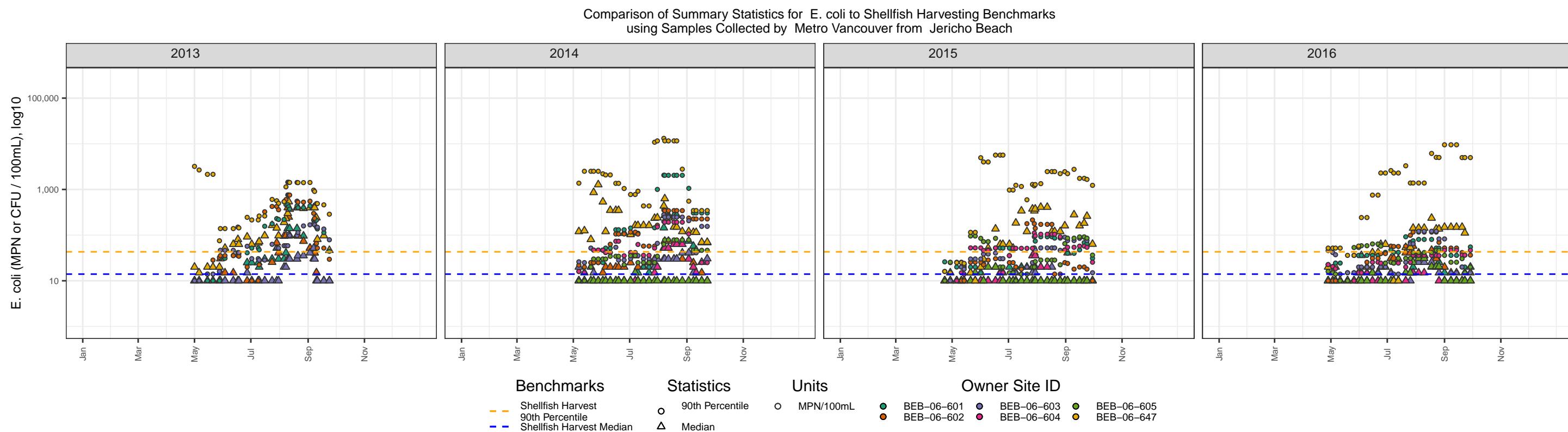
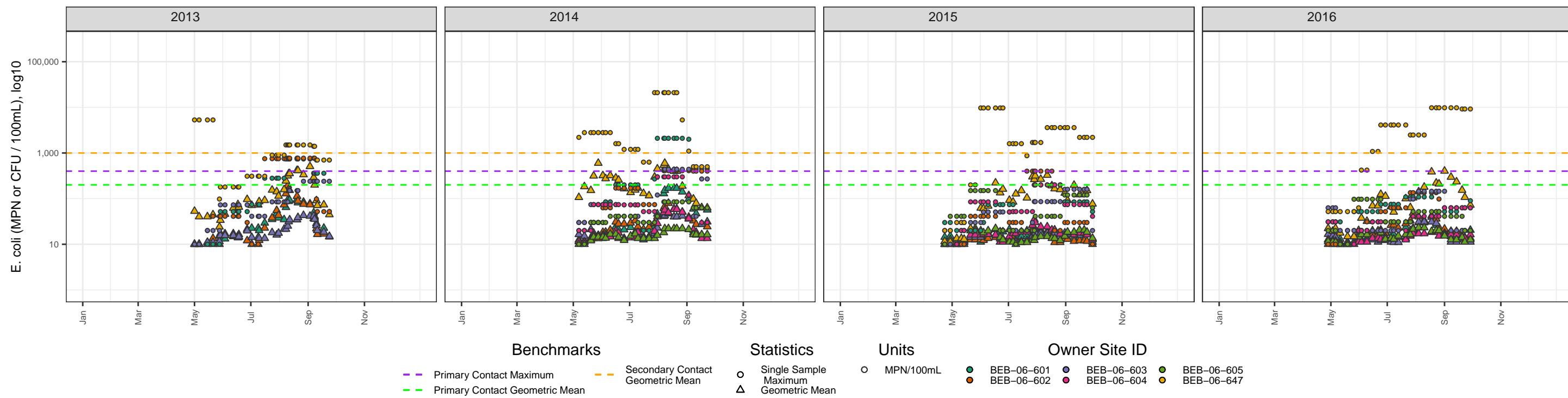


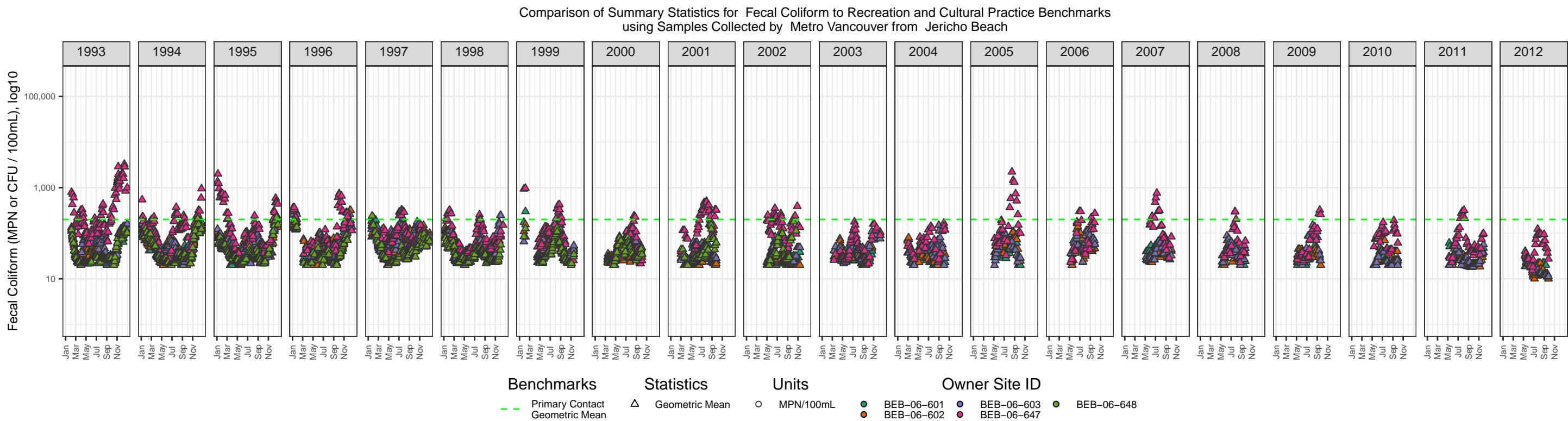
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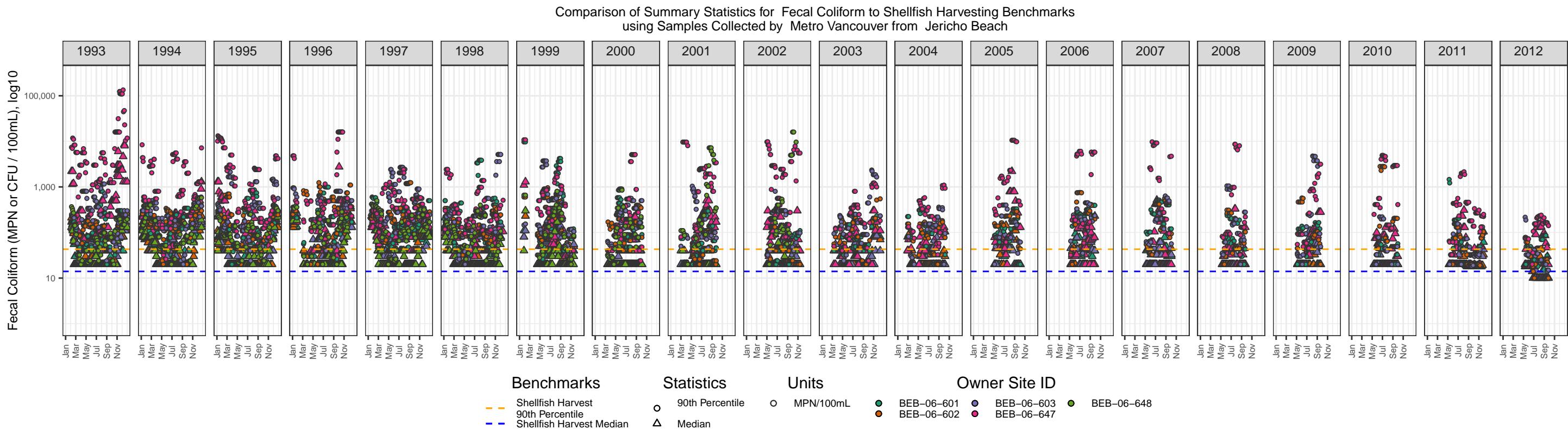
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Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Jericho Beach



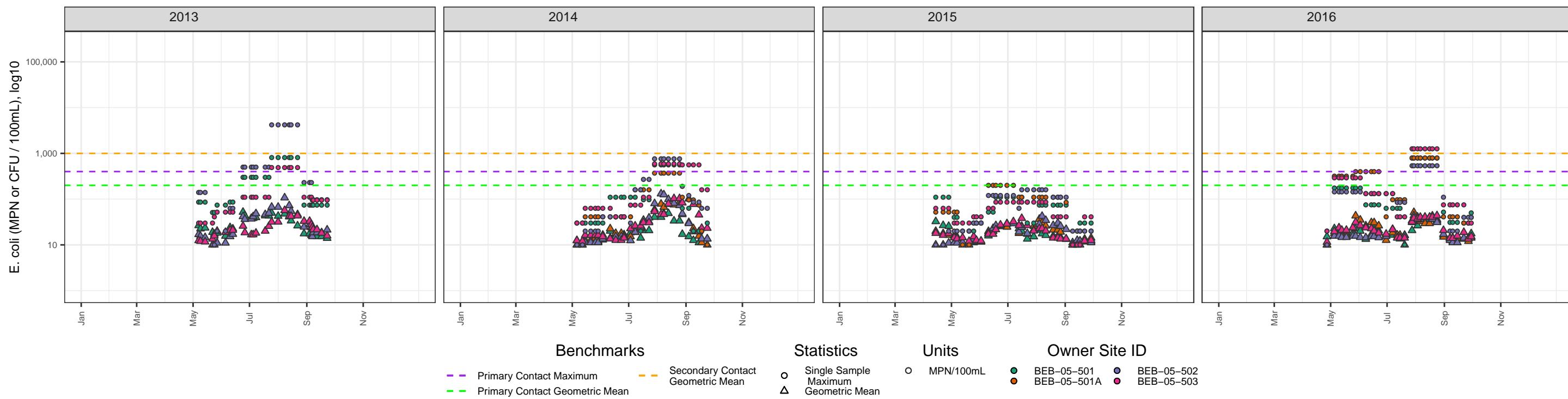


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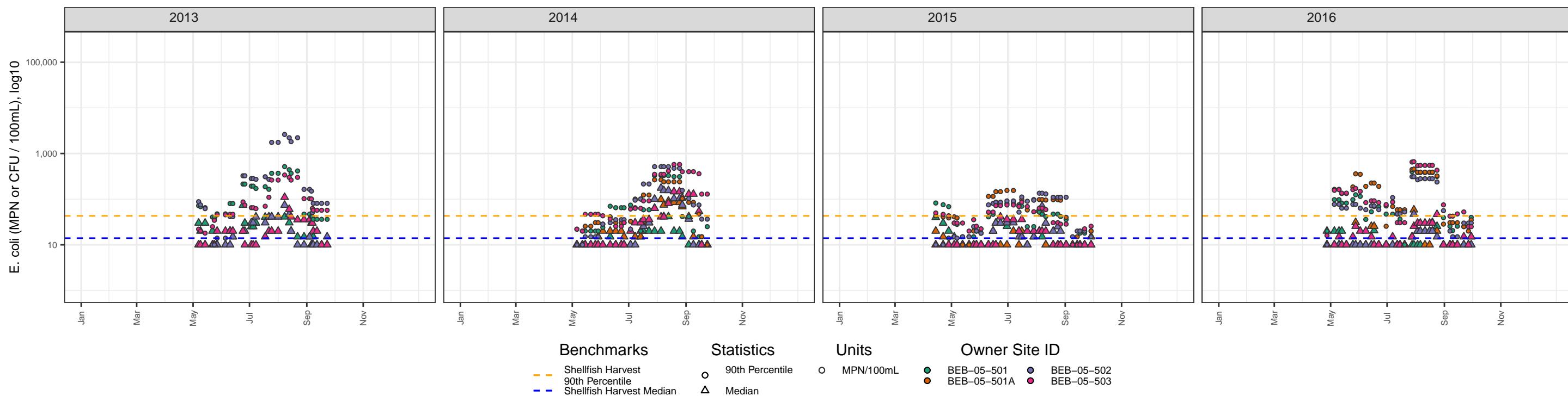


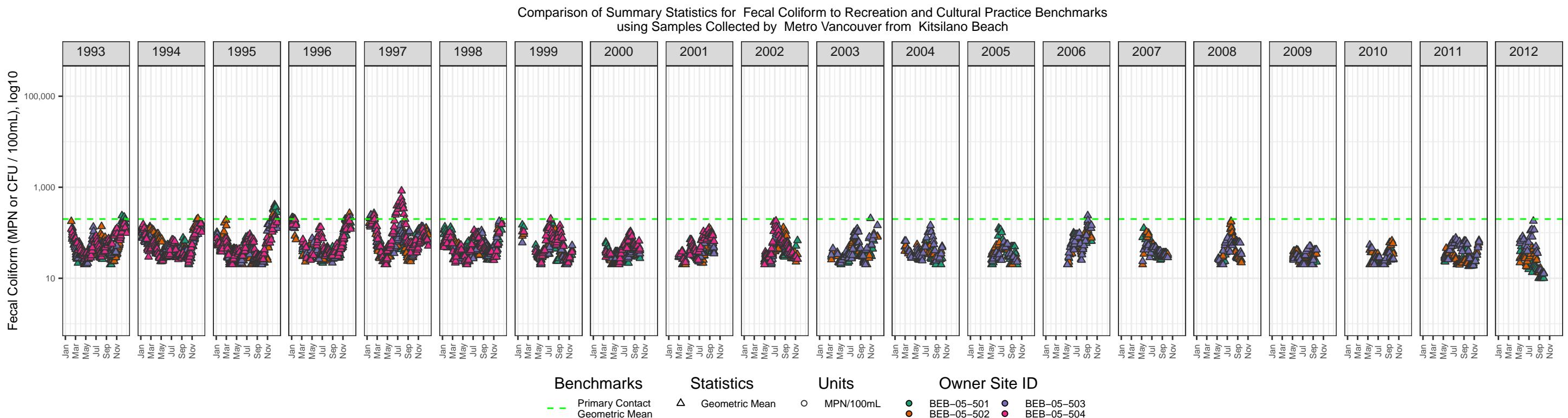
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Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Kitsilano Beach

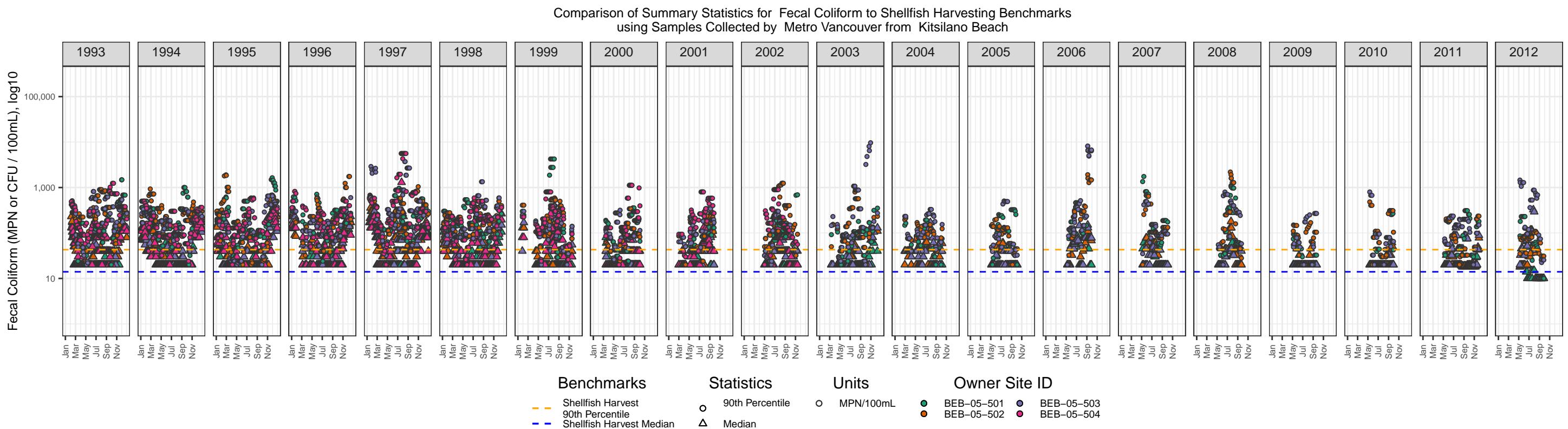


Comparison of Summary Statistics for E. coli to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from Kitsilano Beach



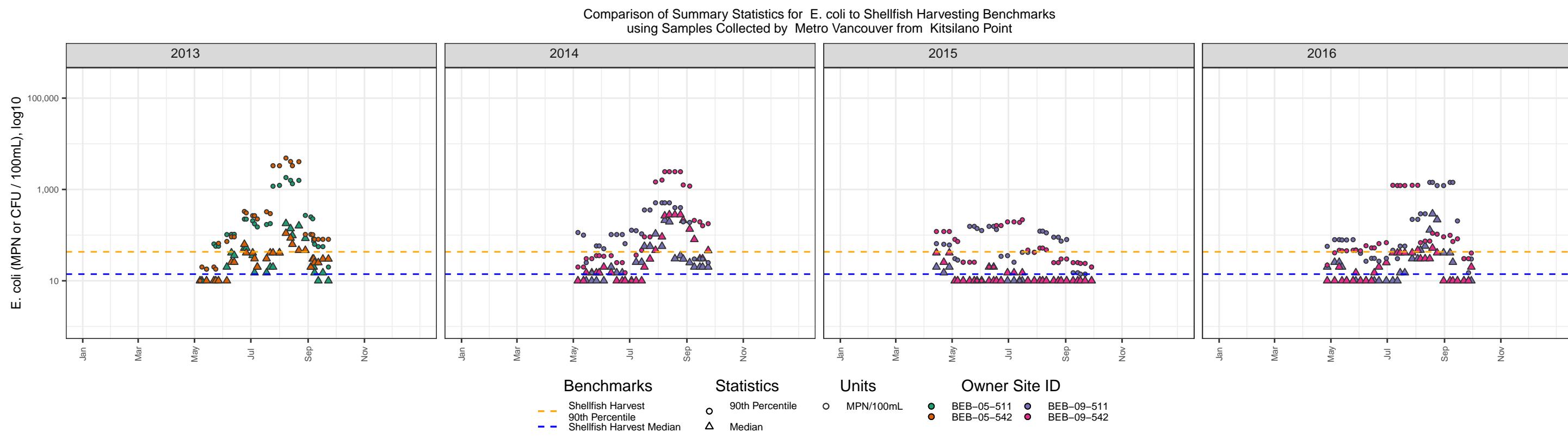
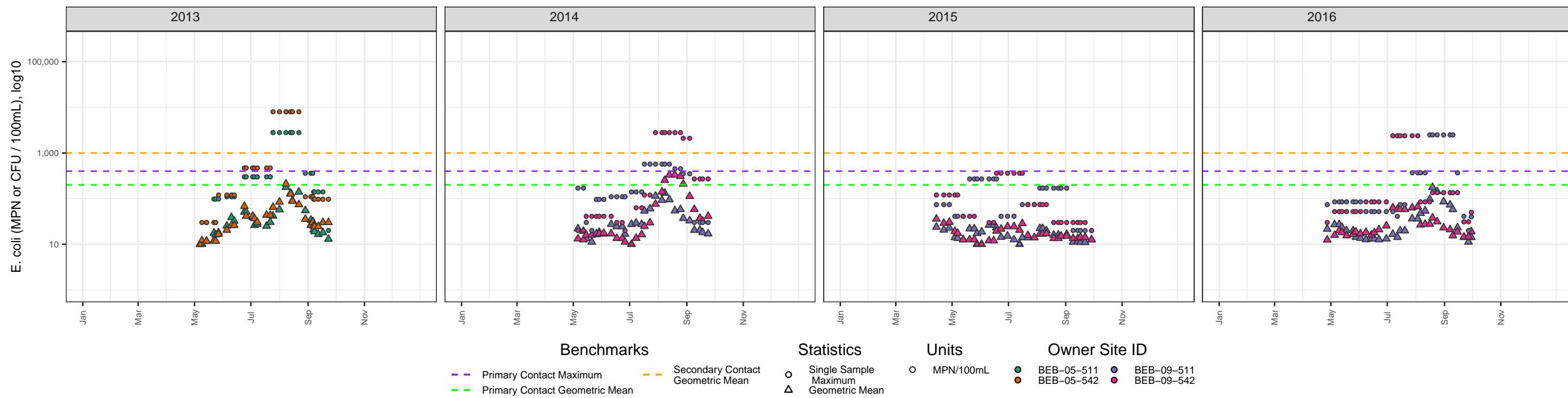


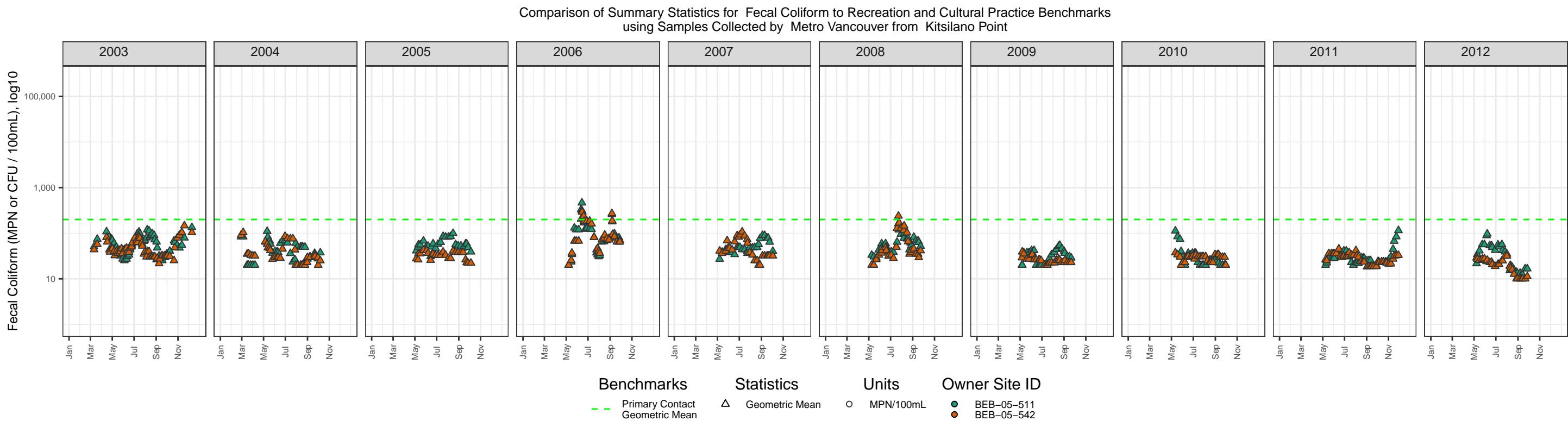
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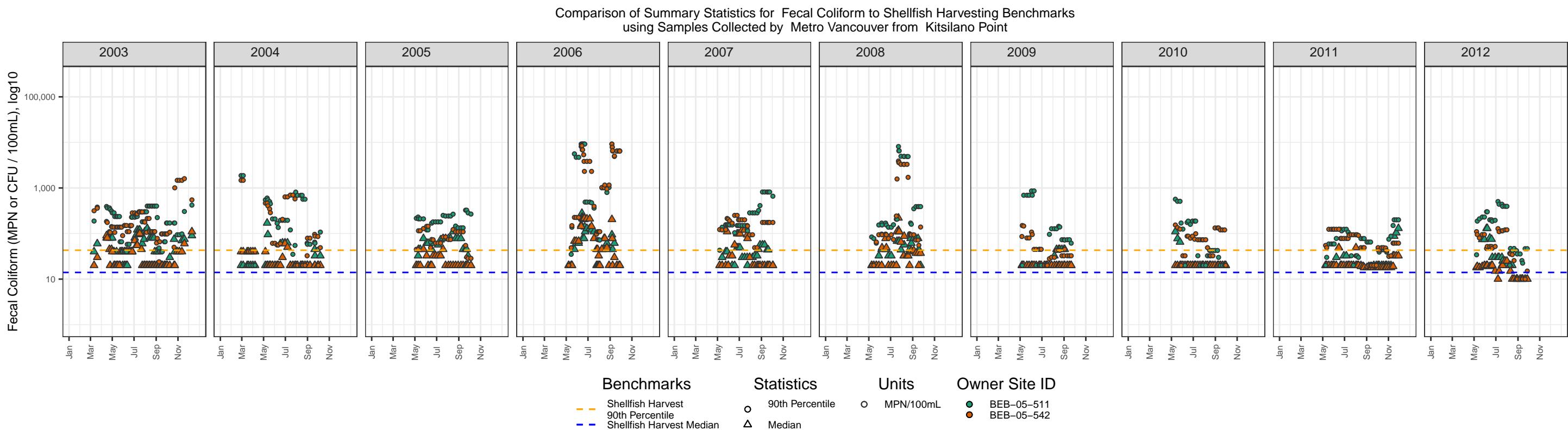
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Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Kitsilano Point



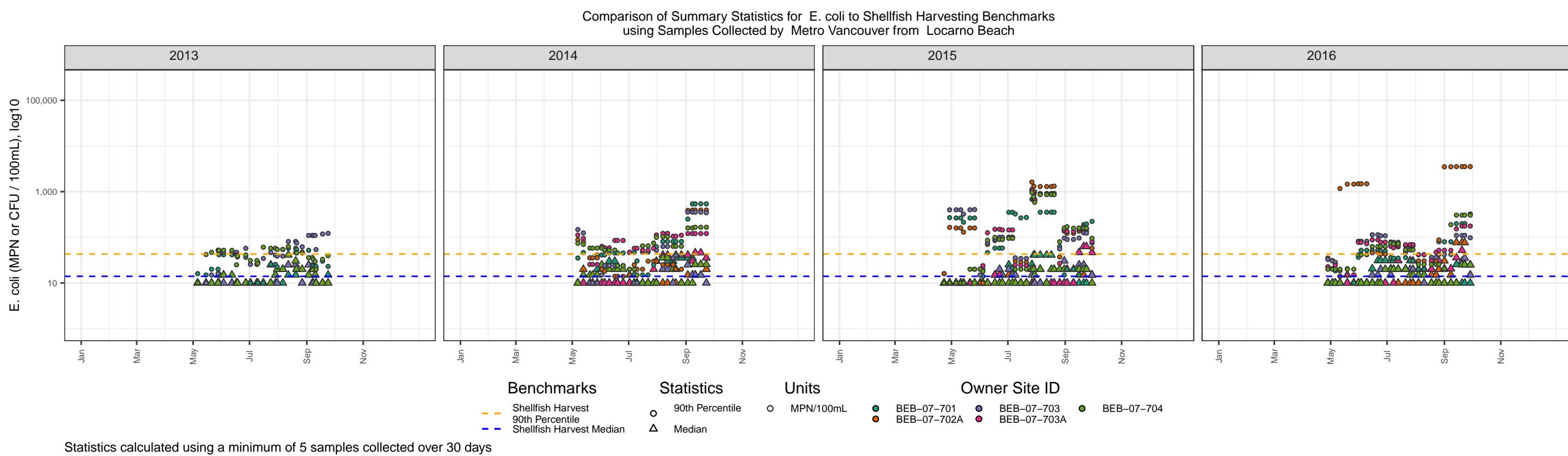
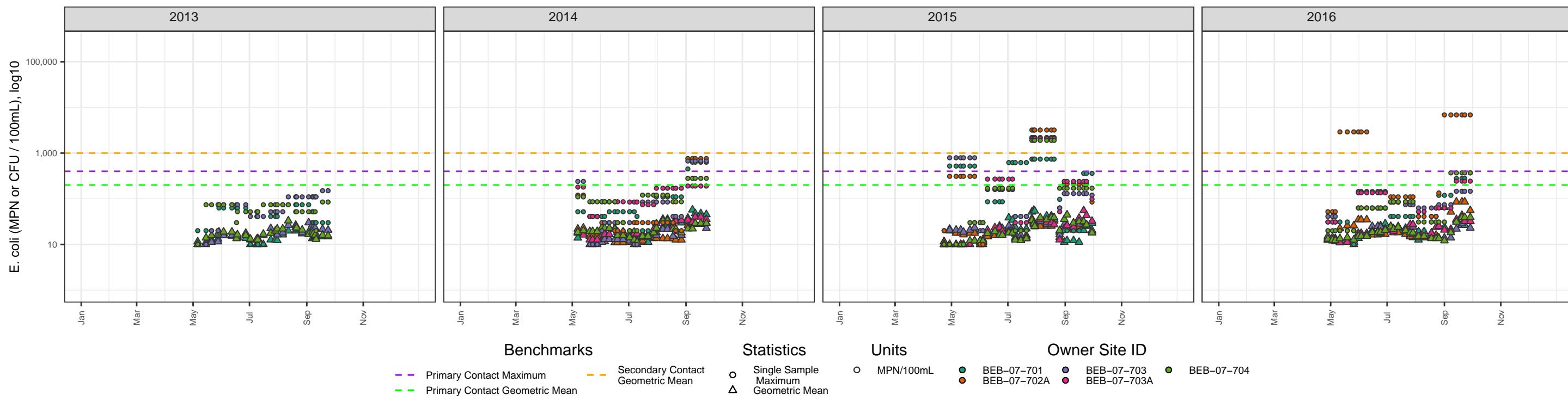


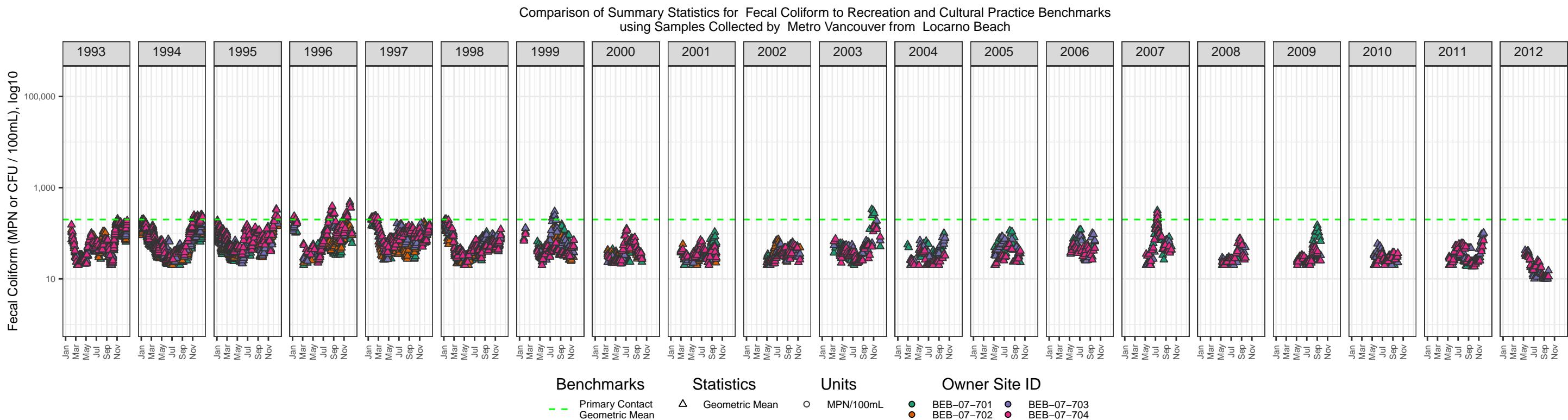
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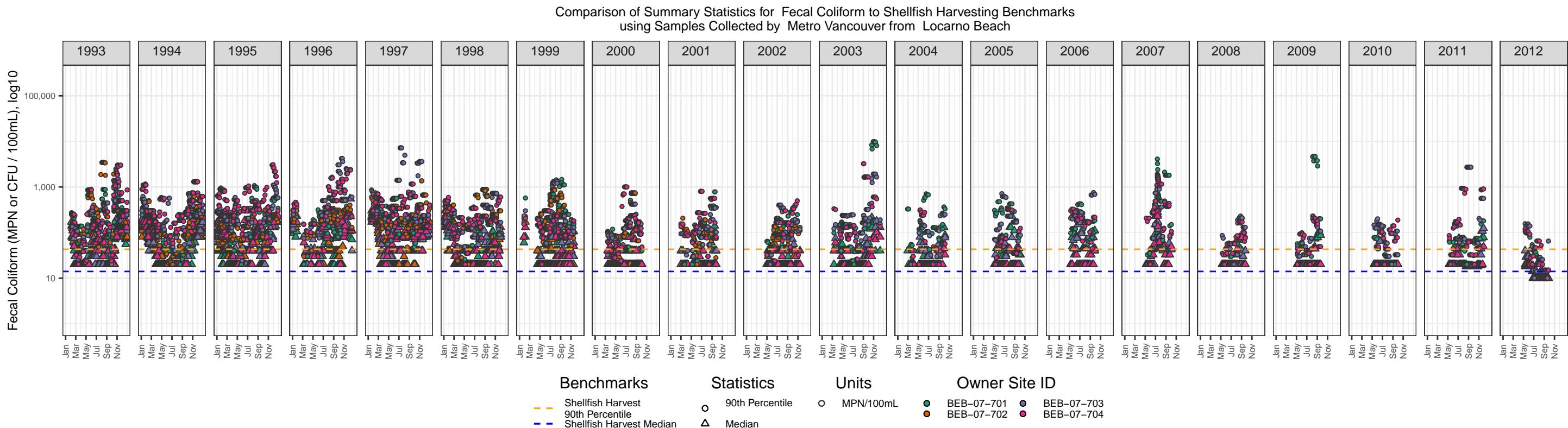
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Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Locarno Beach



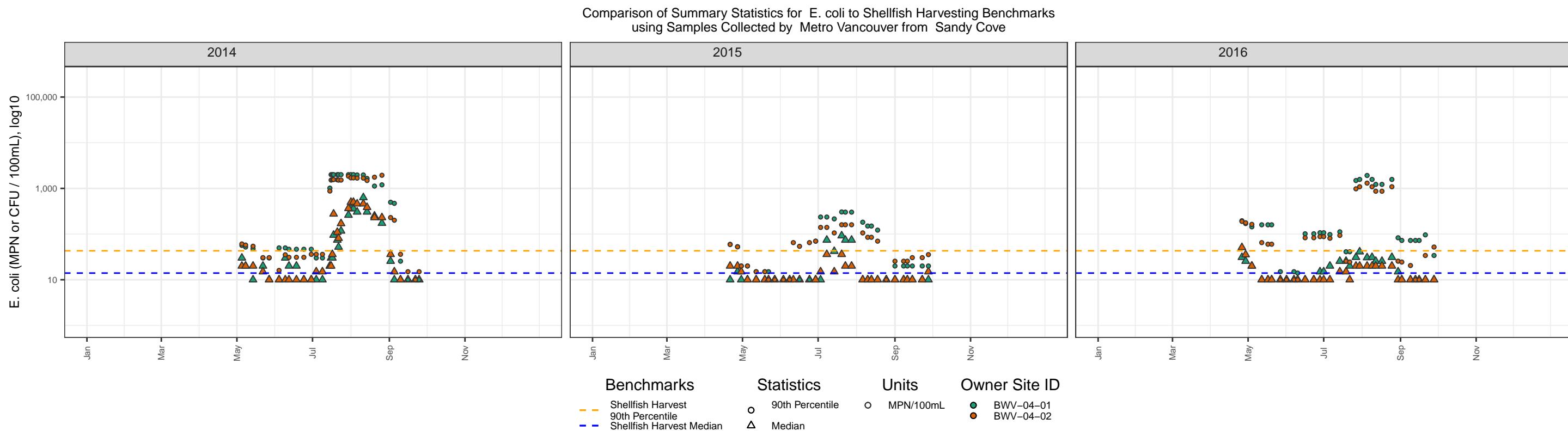
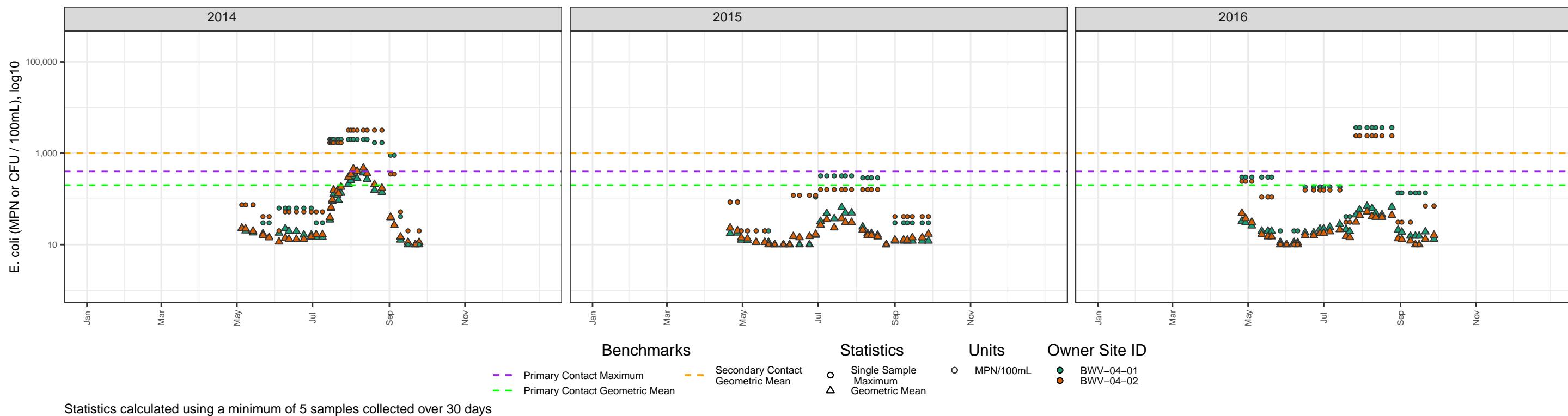


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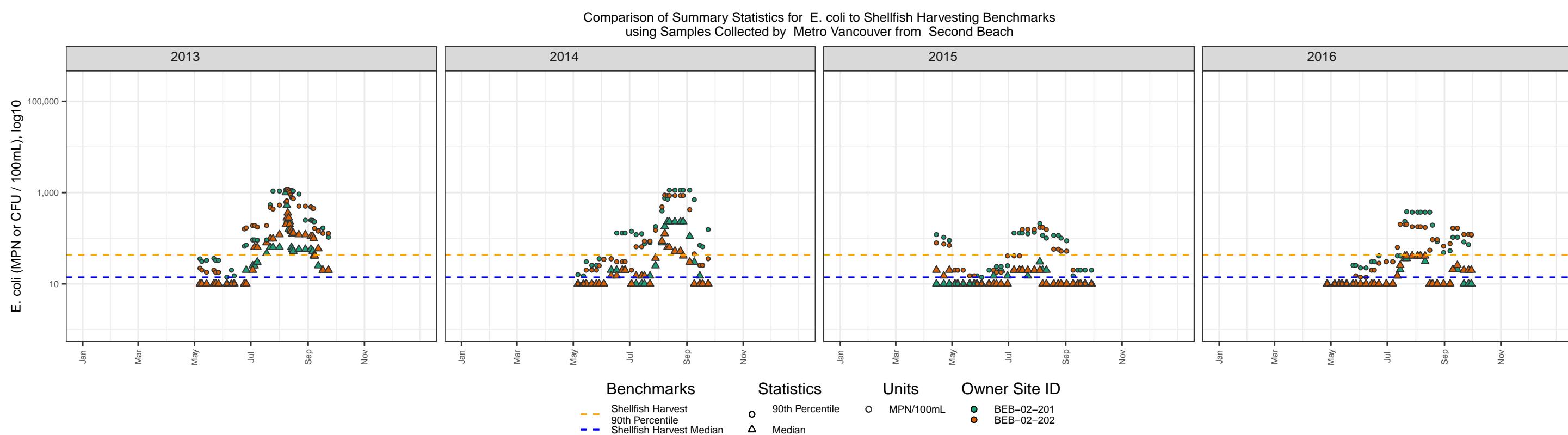
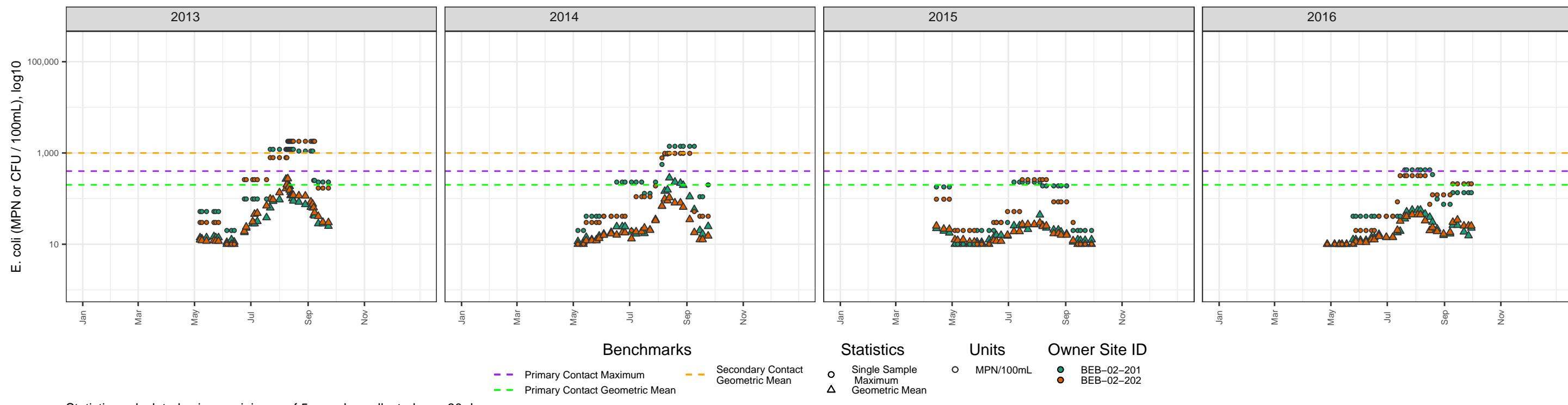


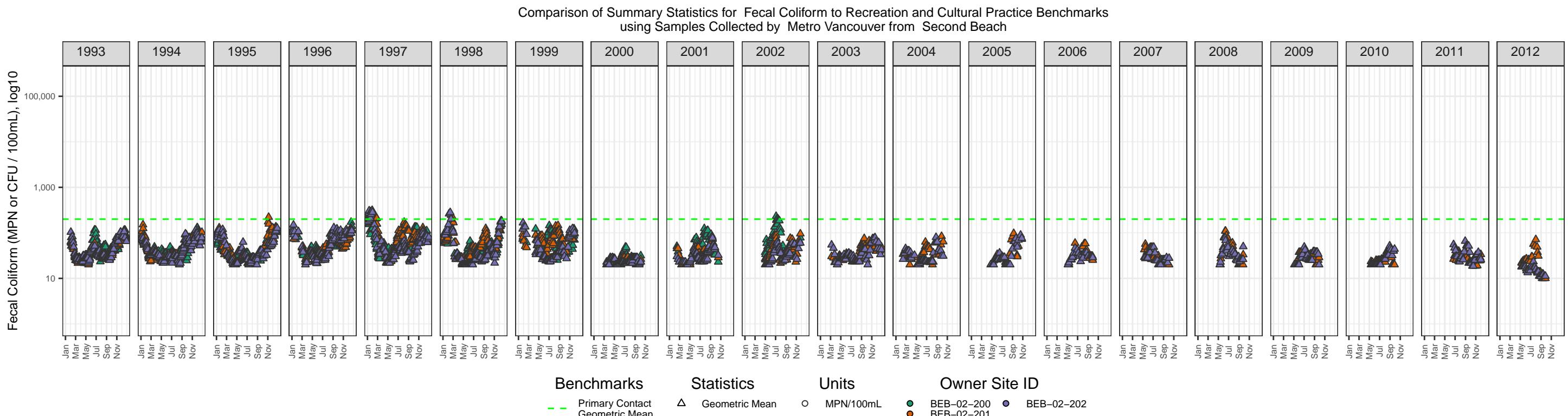
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Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Sandy Cove

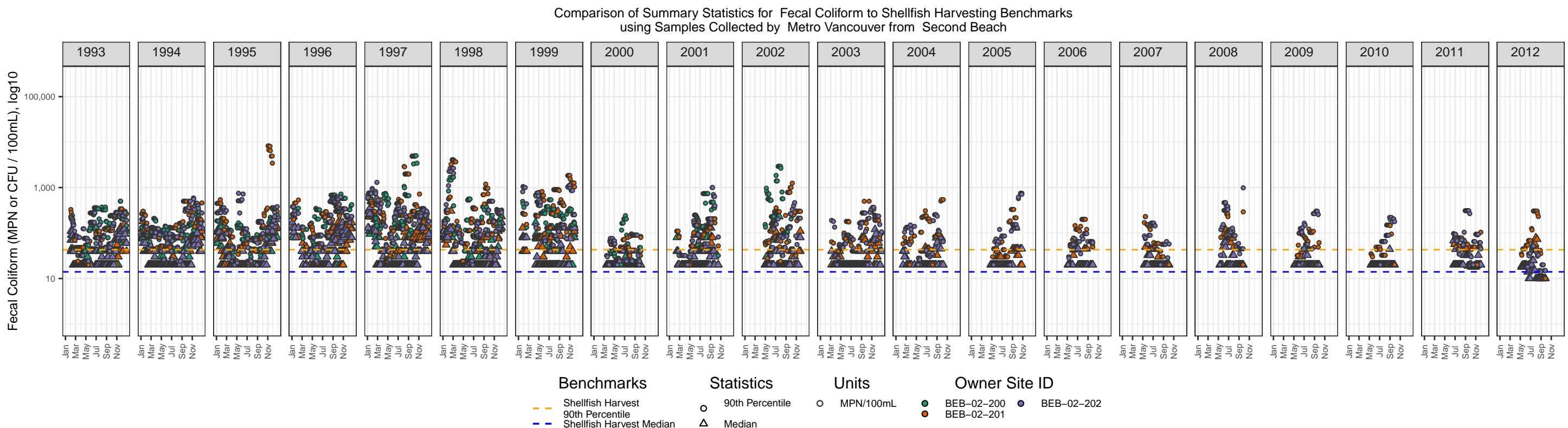


Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
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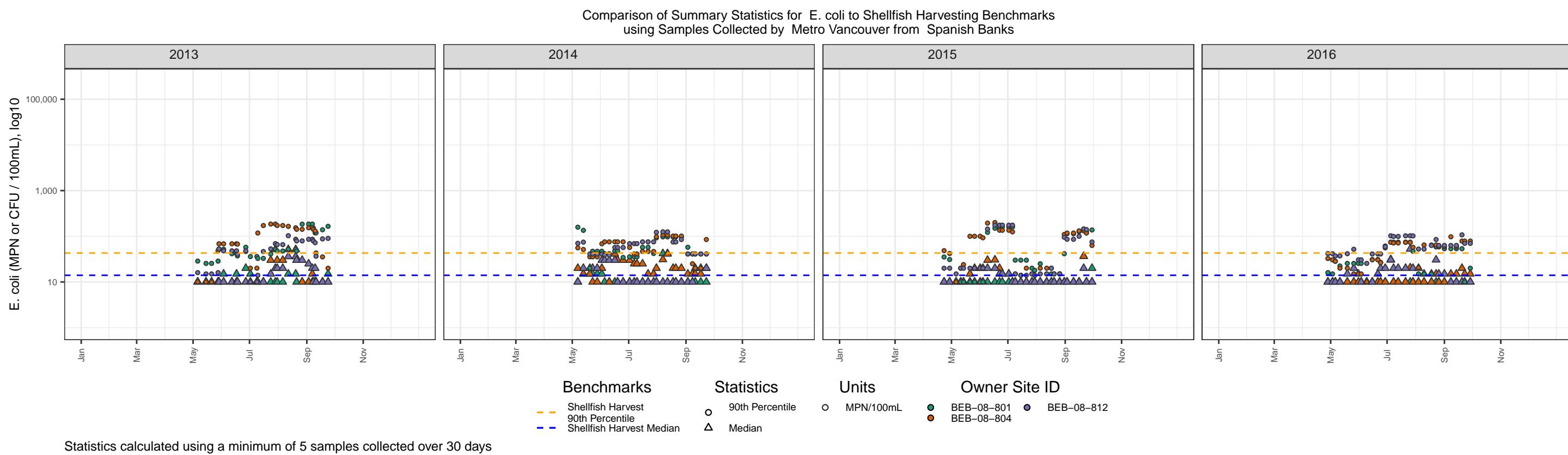
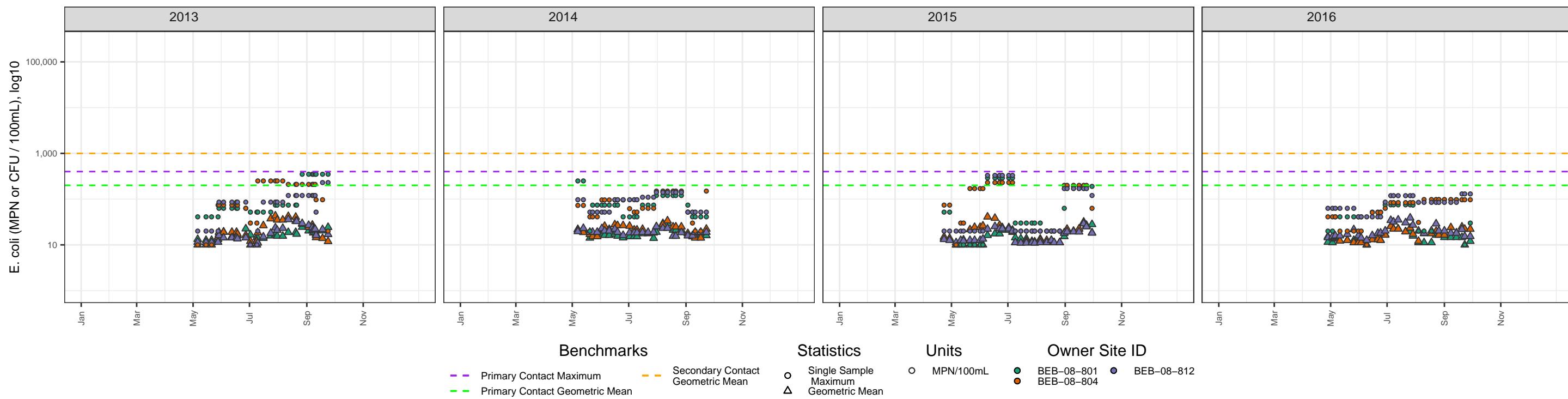


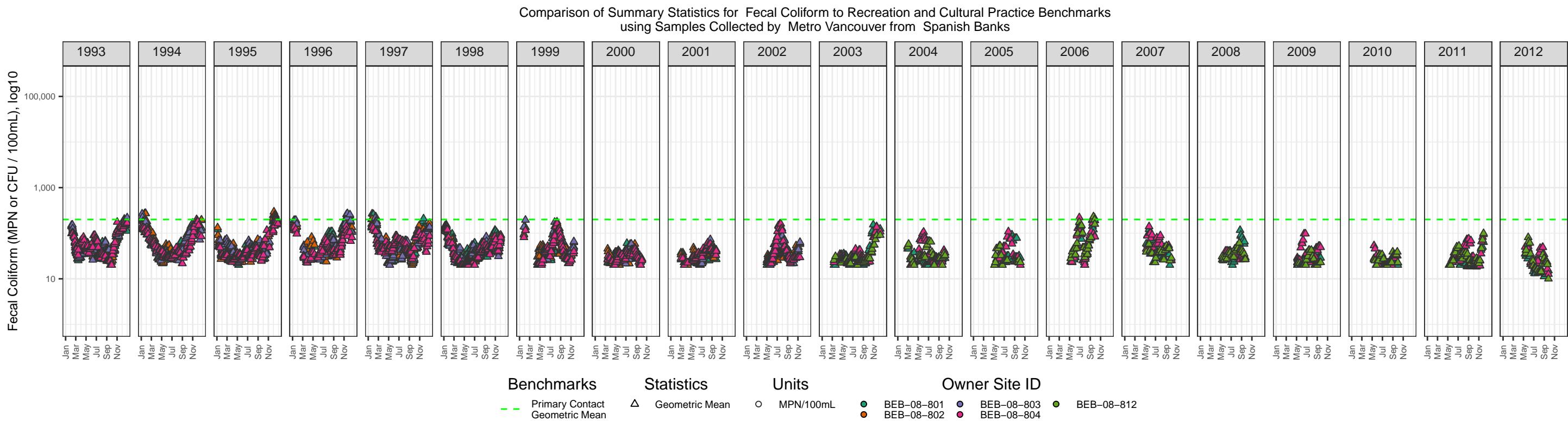
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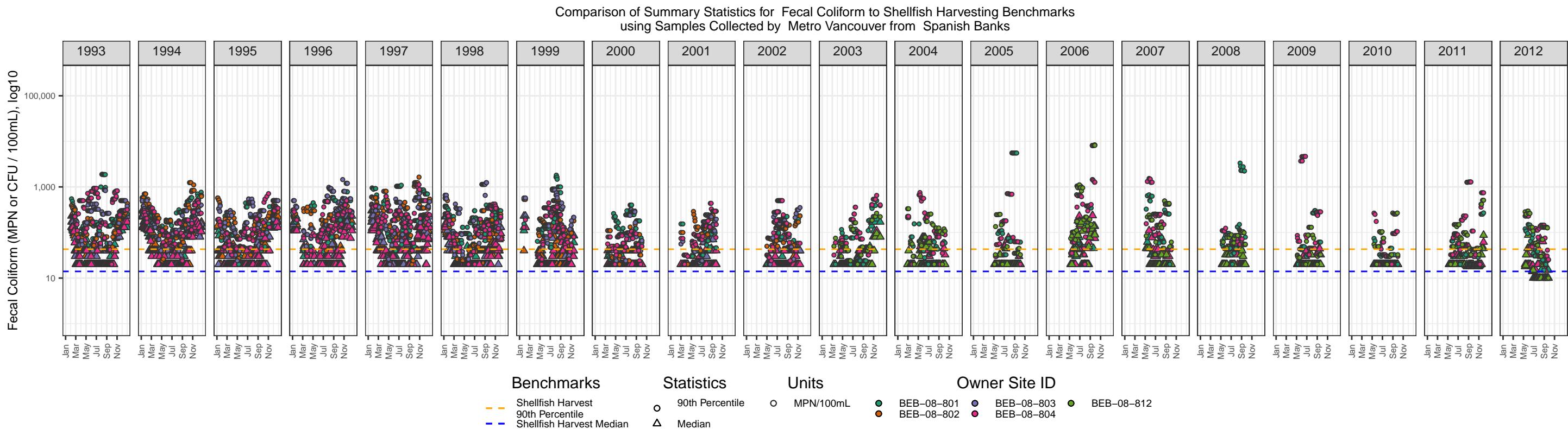
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Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Spanish Banks



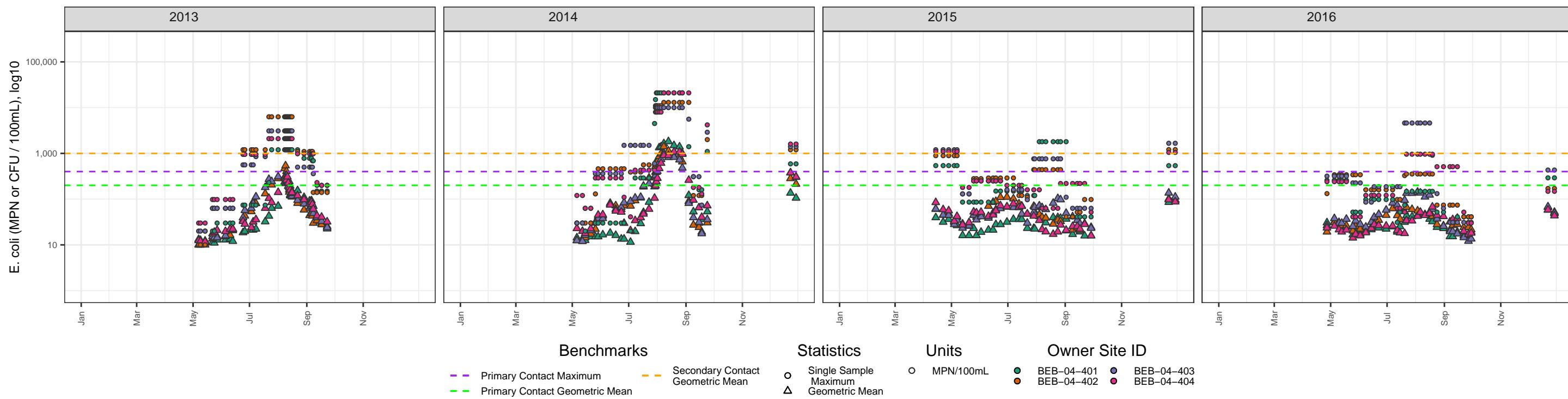


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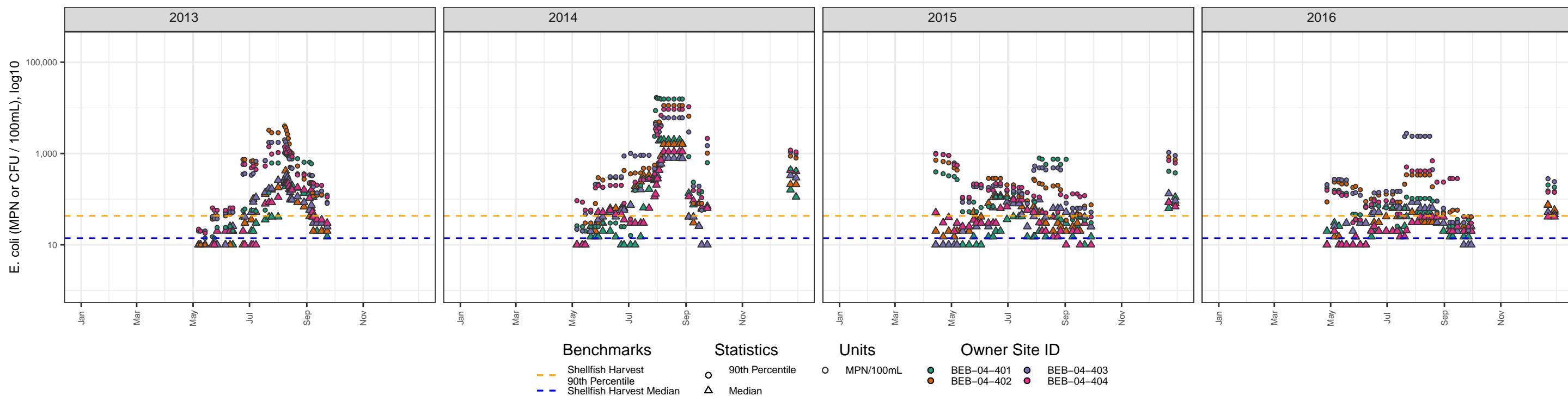


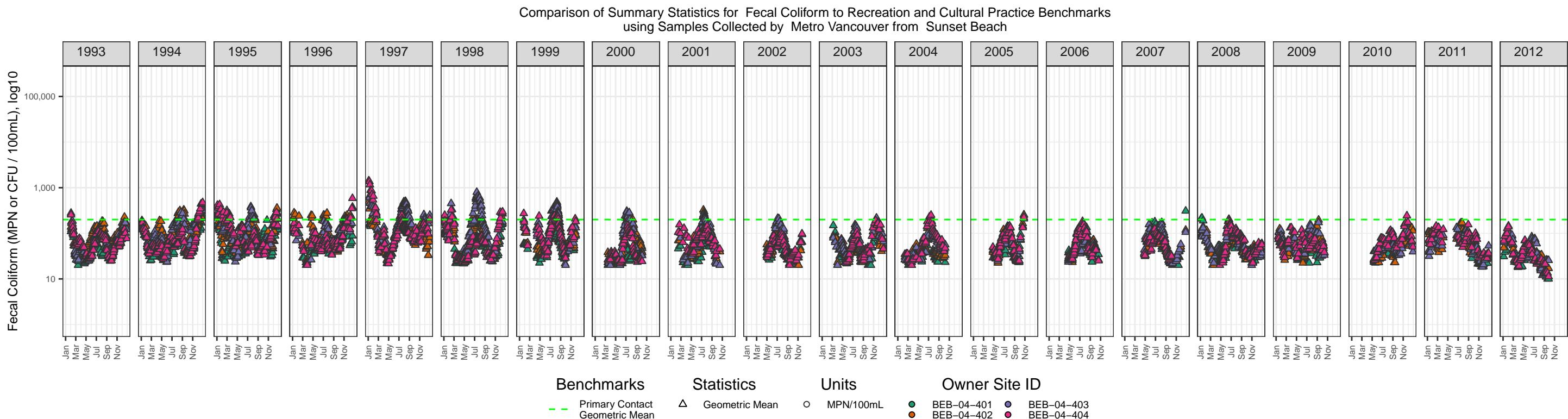
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Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
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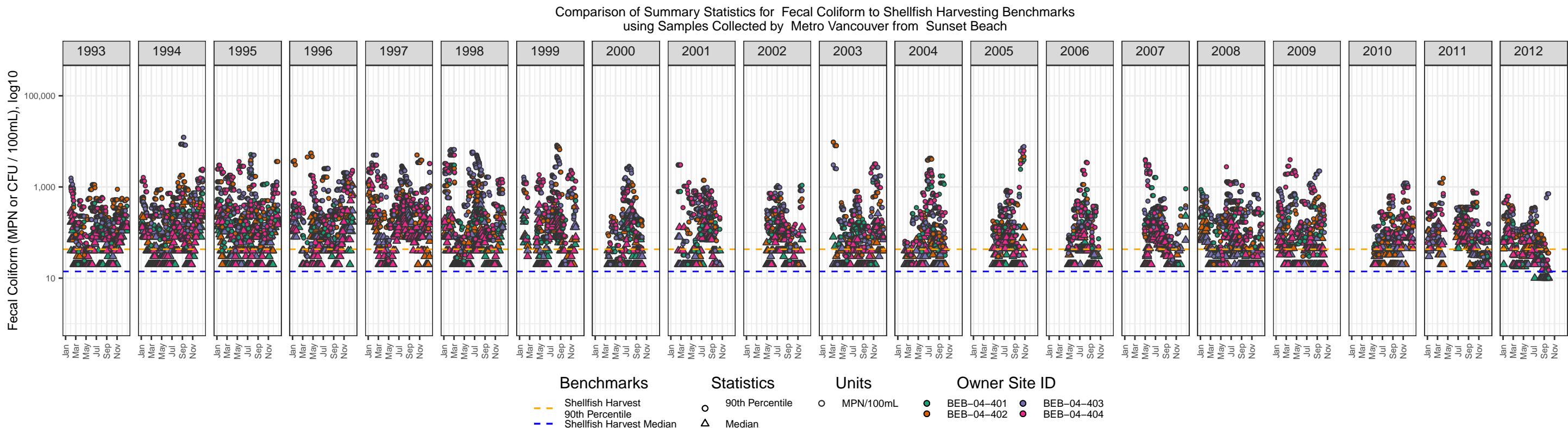


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using Samples Collected by Metro Vancouver from Sunset Beach



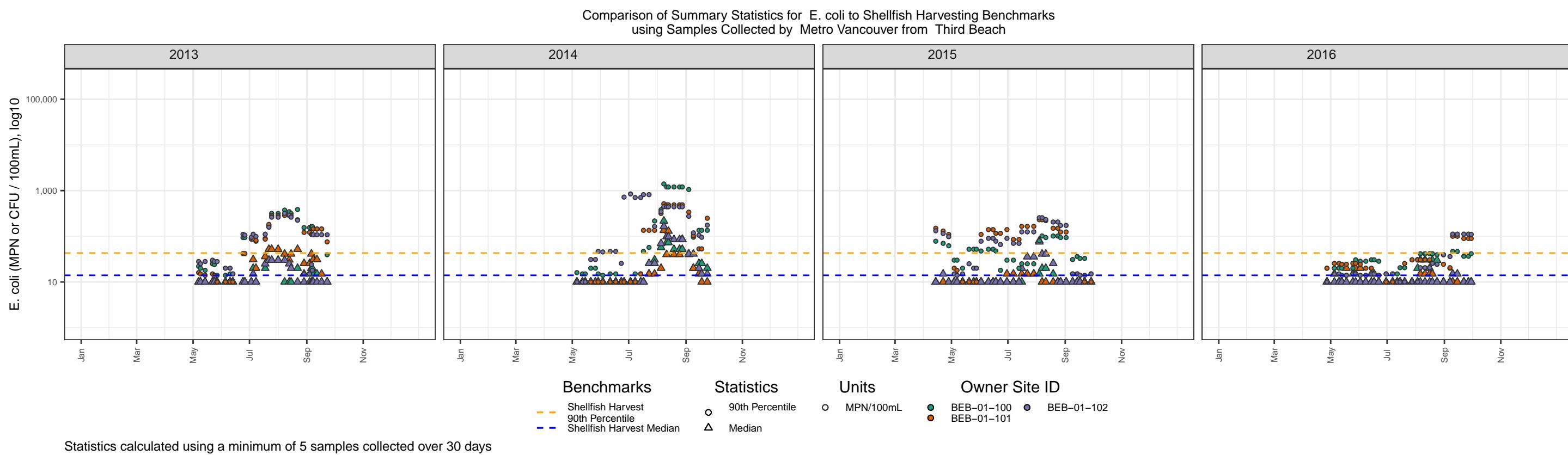
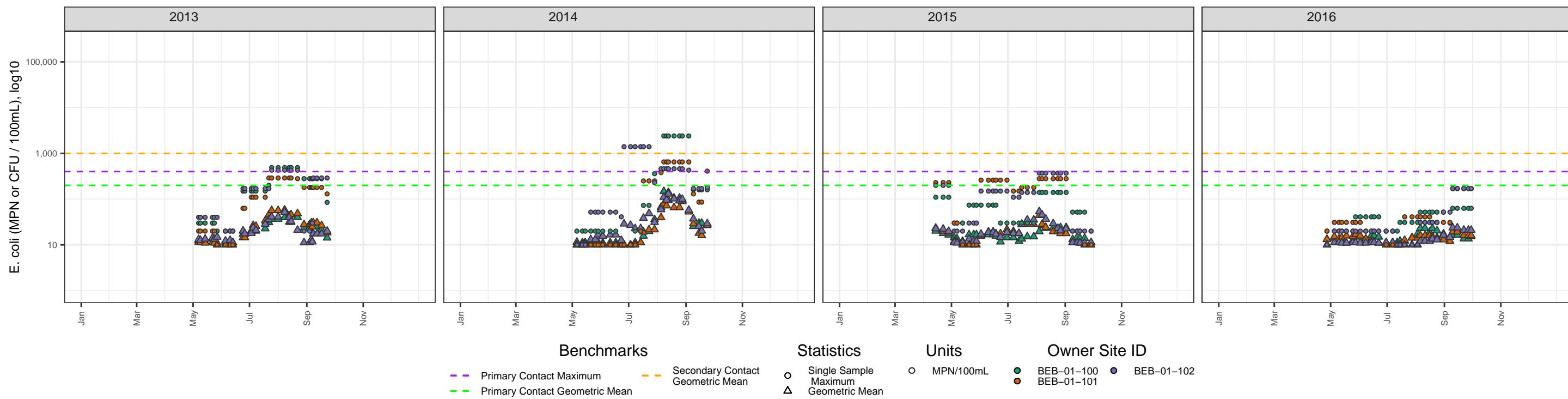


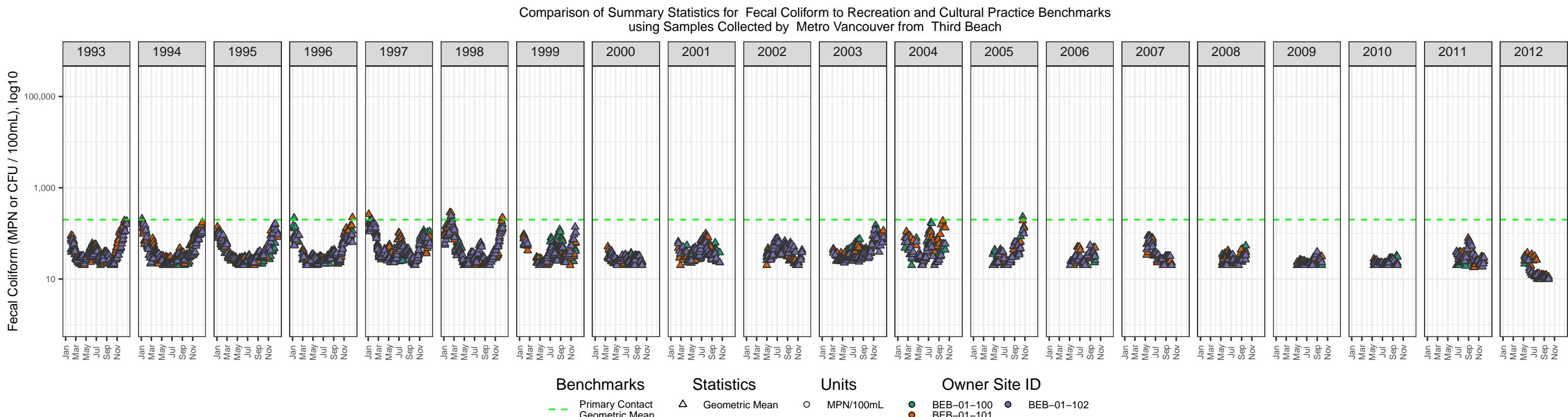
Statistics calculated using a minimum of 5 samples collected over 30 days



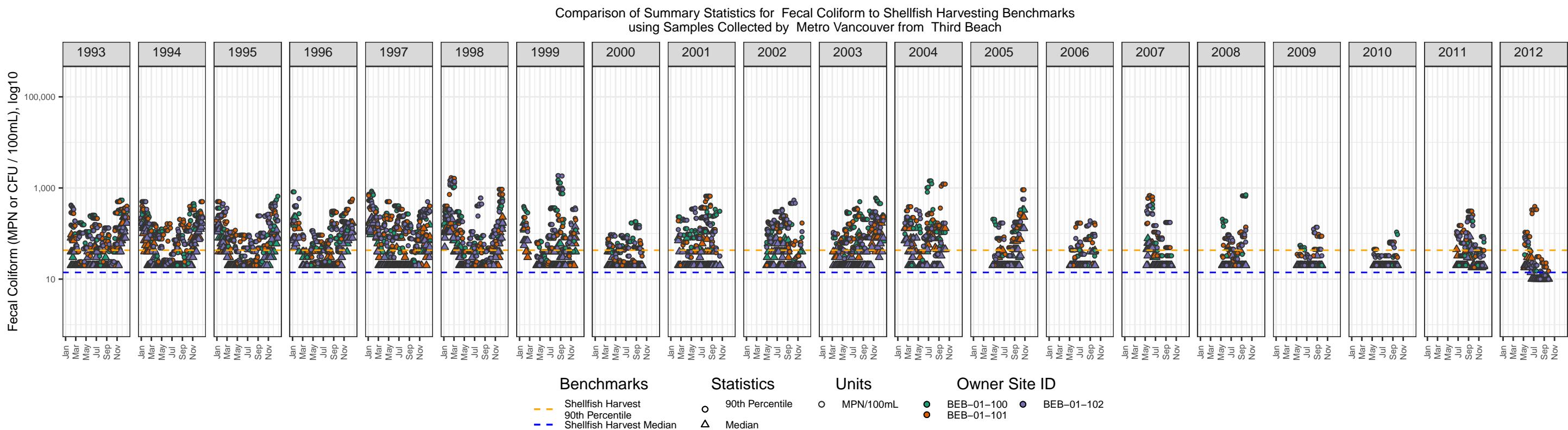
Statistics calculated using a minimum of 5 samples collected over 30 days

Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Third Beach





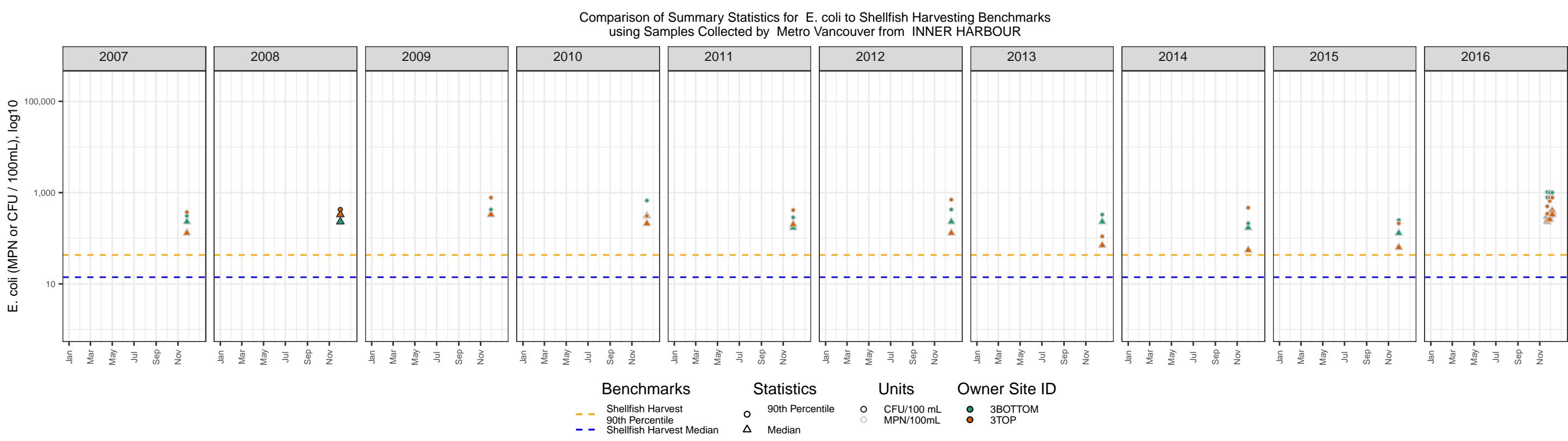
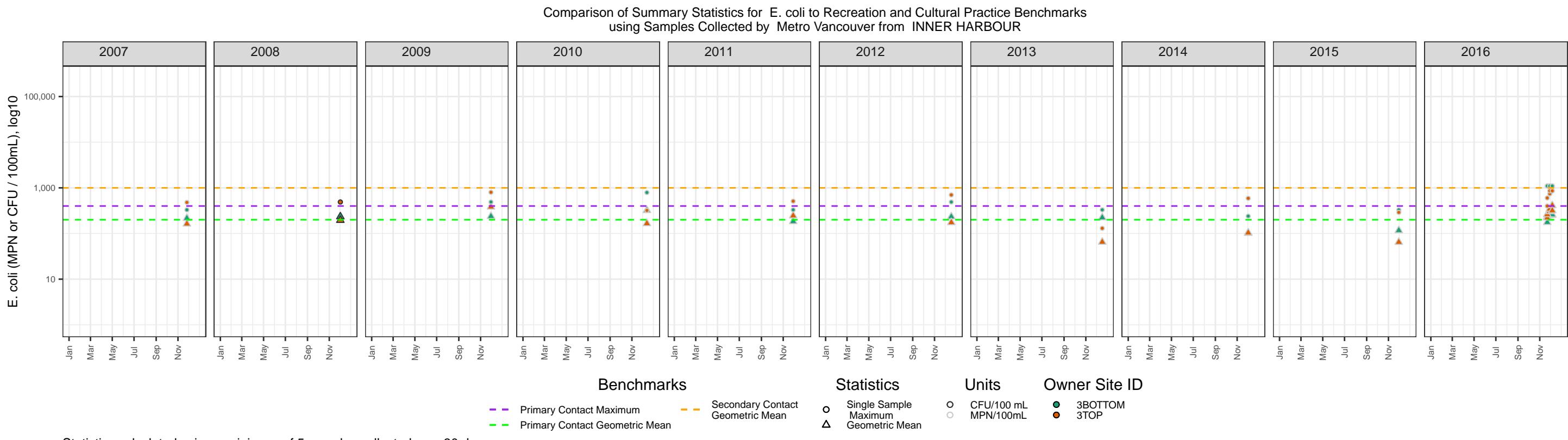
Statistics calculated using a minimum of 5 samples collected over 30 days

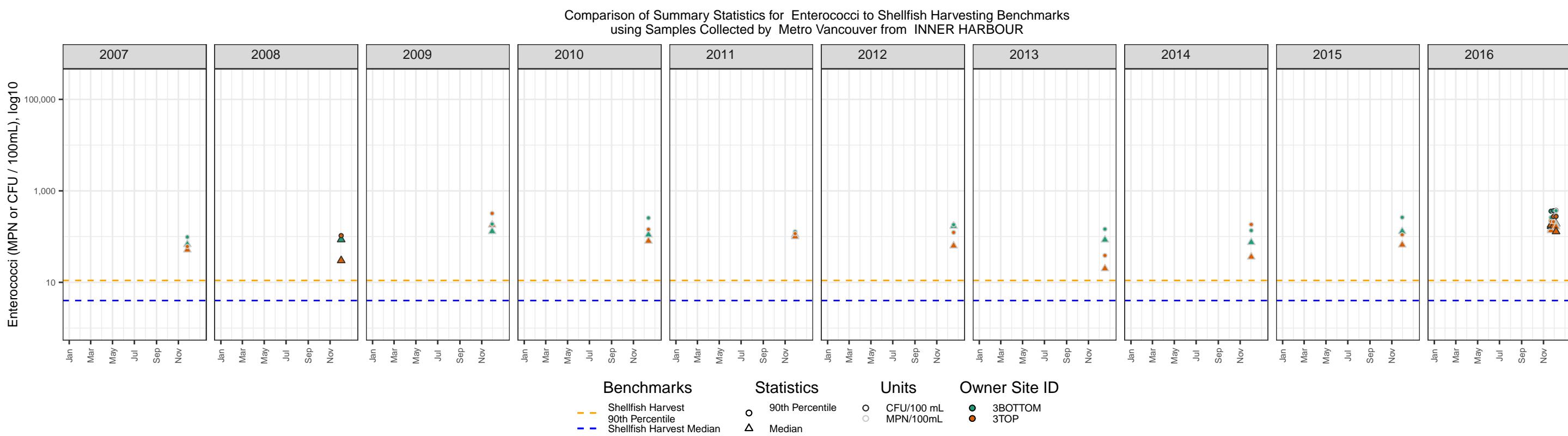
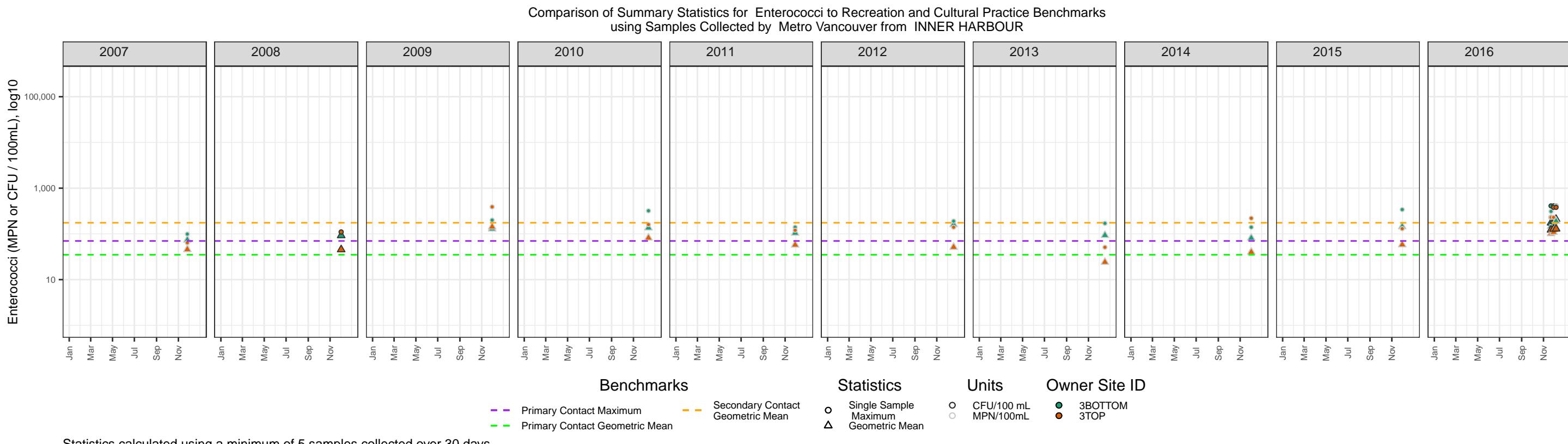


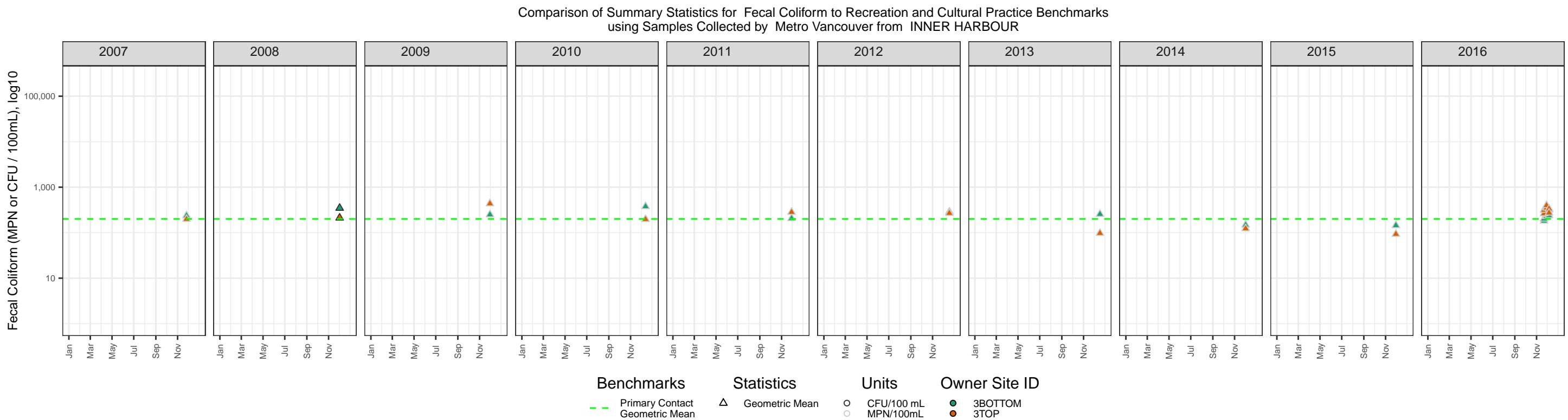
Statistics calculated using a minimum of 5 samples collected over 30 days

D.3 Inner Harbour

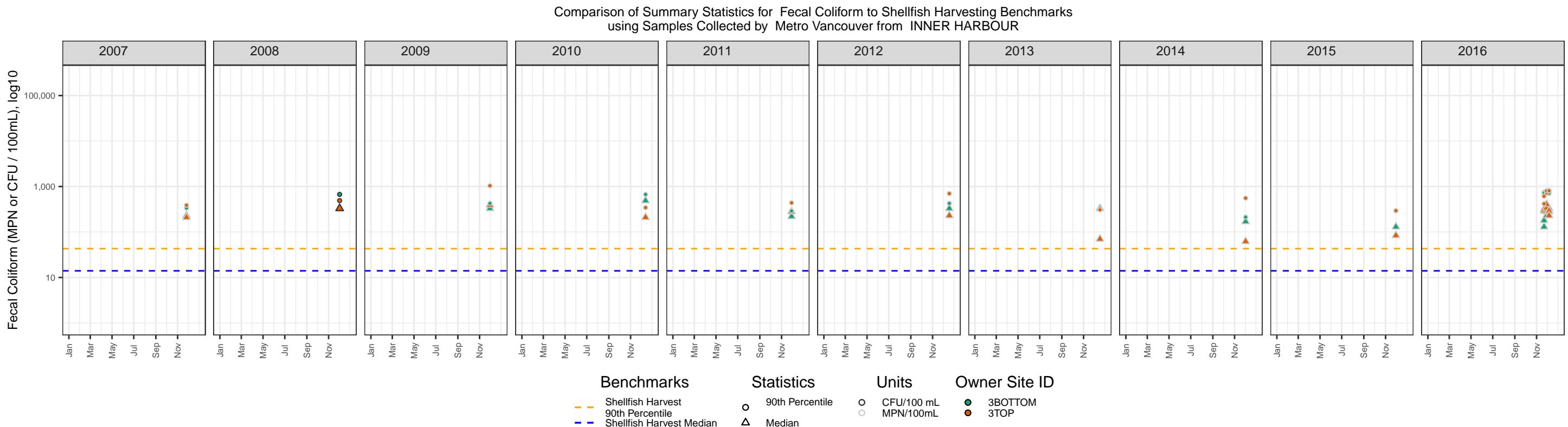
Metro Vancouver's Burrard Inlet Ambient Monitoring Program







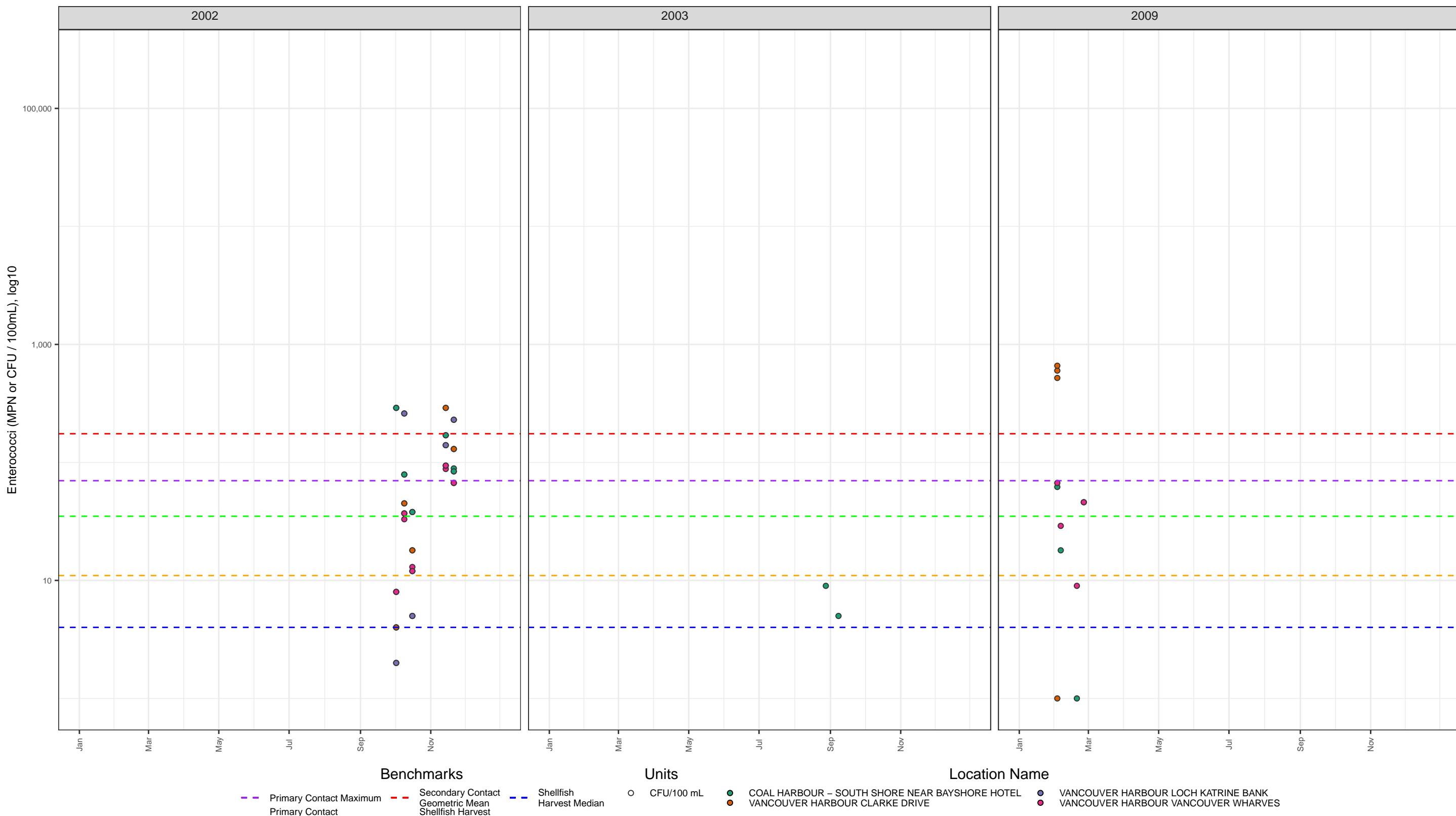
Statistics calculated using a minimum of 5 samples collected over 30 days



Statistics calculated using a minimum of 5 samples collected over 30 days

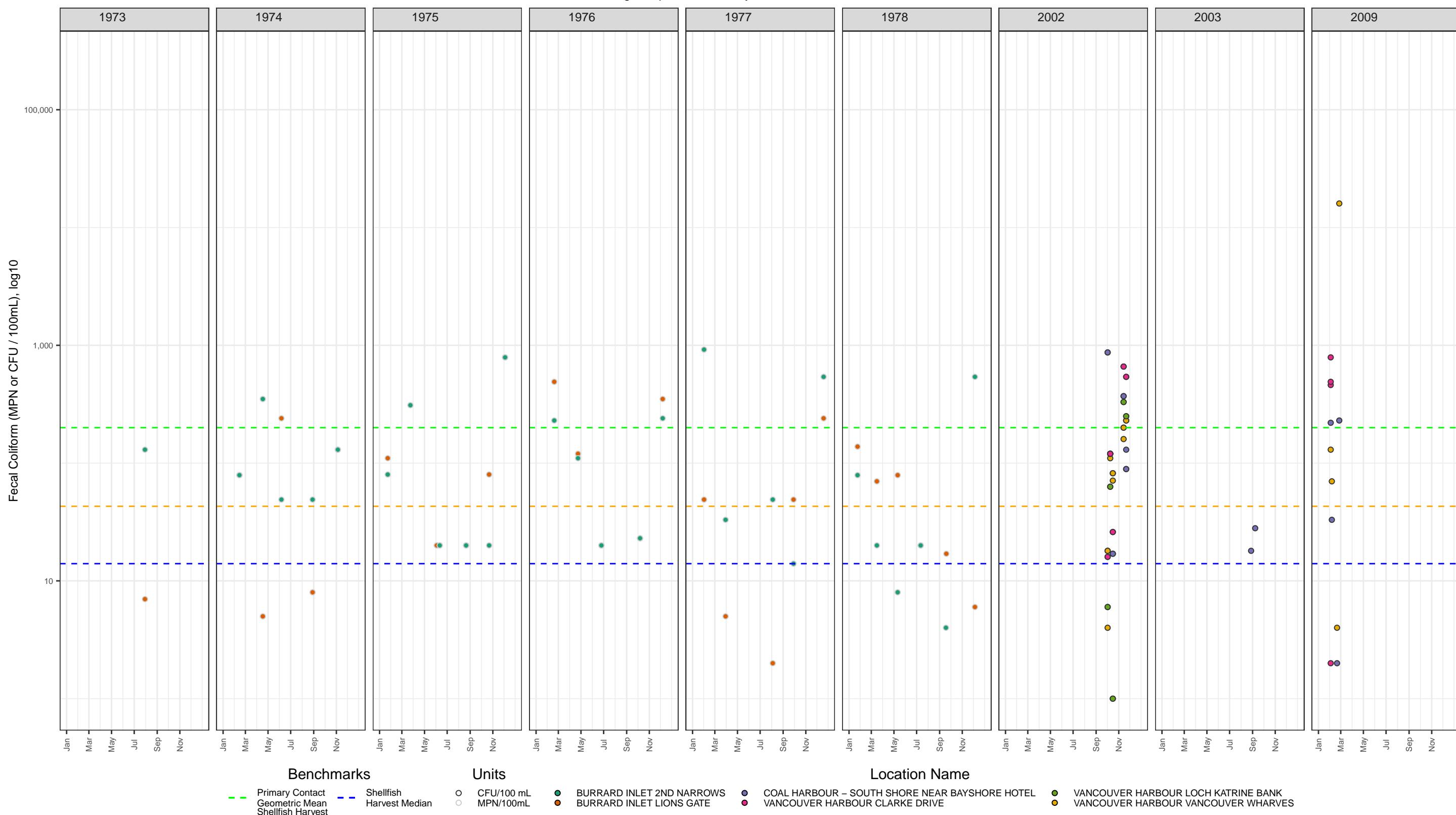
Provincial WQOs Attainment Monitoring

Comparison of Individual Samples for Enterococci to Recreation and Cultural Practices, and Shellfish Harvesting Benchmarks,
using Samples Collected by ENV from INNER HARBOUR



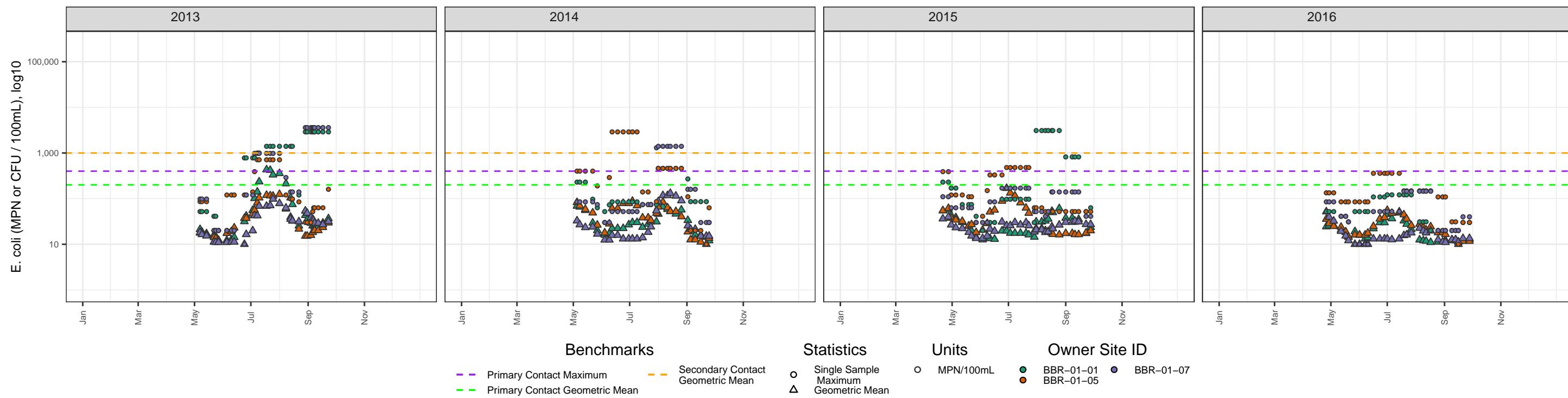
Individual values reported where statistics could not be calculated using a minimum of 5 samples calculated over 30 days

Comparison of Individual Samples for Fecal Coliform to Recreation and Cultural Practices, and Shellfish Harvesting Benchmarks,
using Samples Collected by ENV from INNER HARBOUR

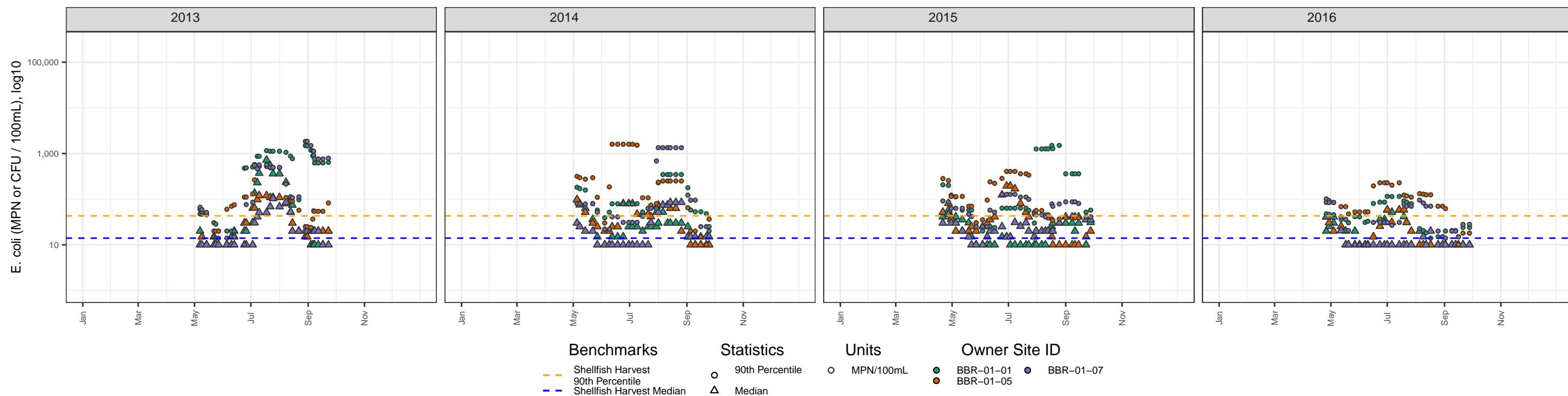


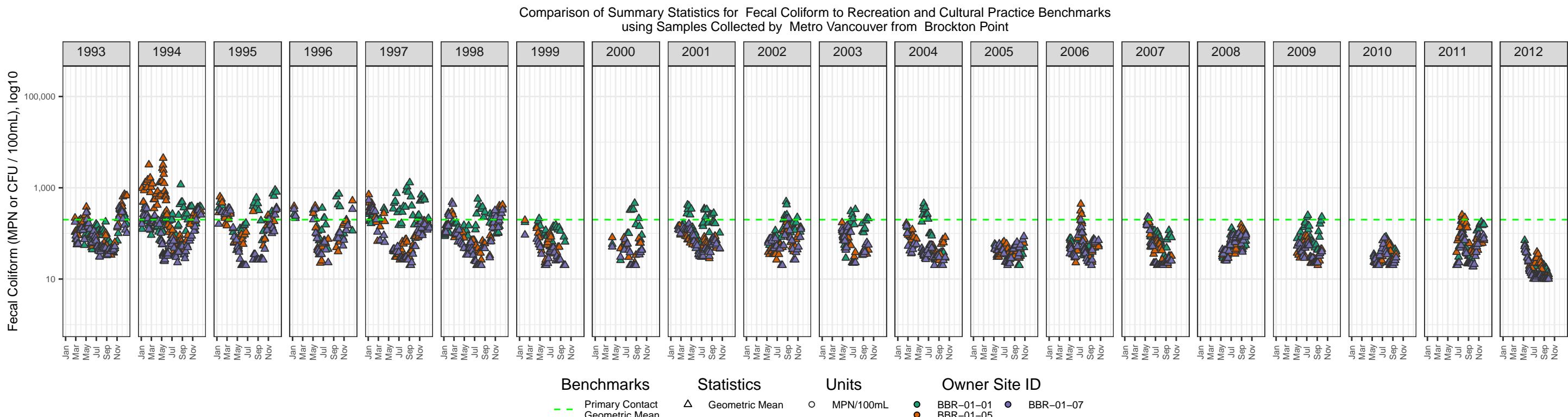
Metro Vancouver's Recreational Water Quality Monitoring Program

Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Brockton Point

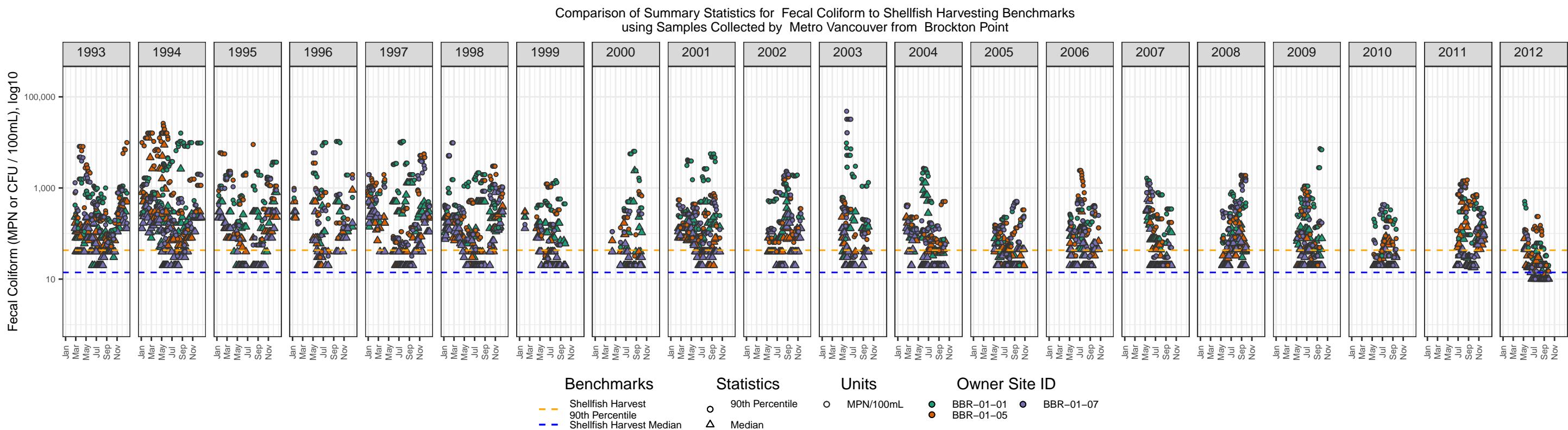


Comparison of Summary Statistics for E. coli to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from Brockton Point



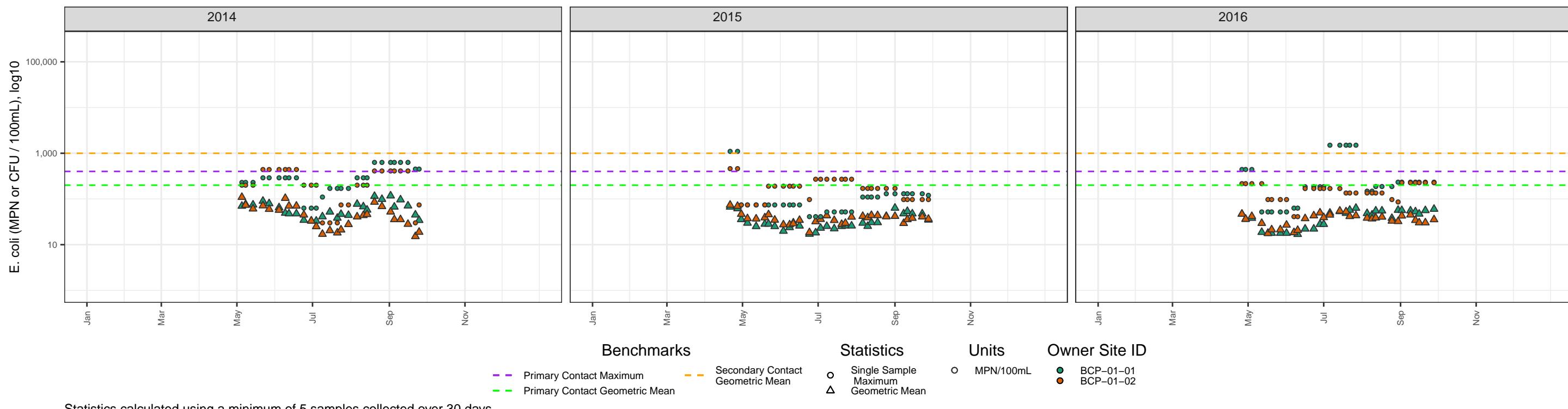


Statistics calculated using a minimum of 5 samples collected over 30 days

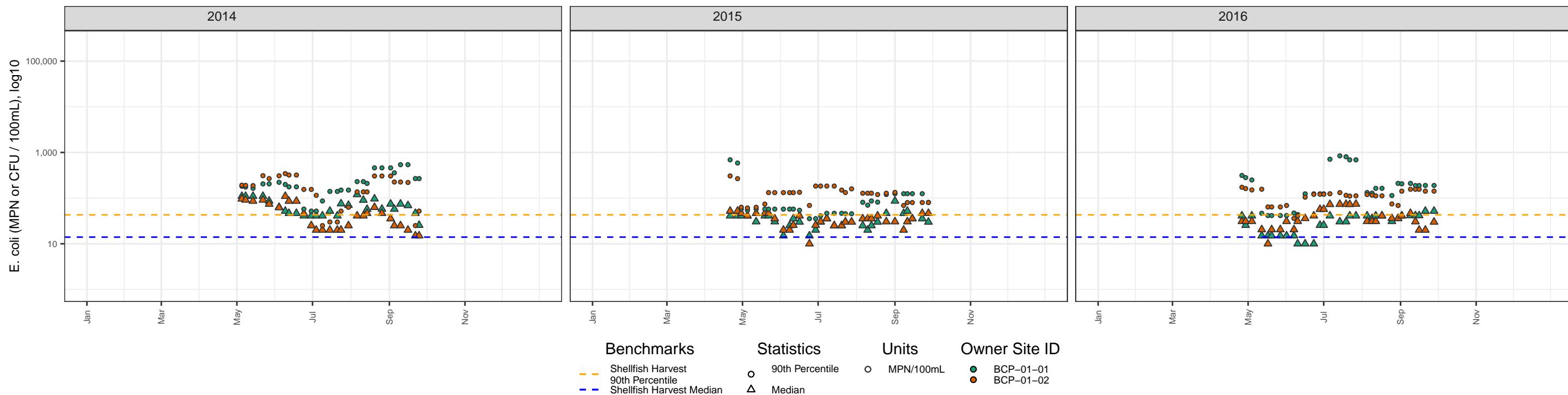


Statistics calculated using a minimum of 5 samples collected over 30 days

Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from C R A B Park

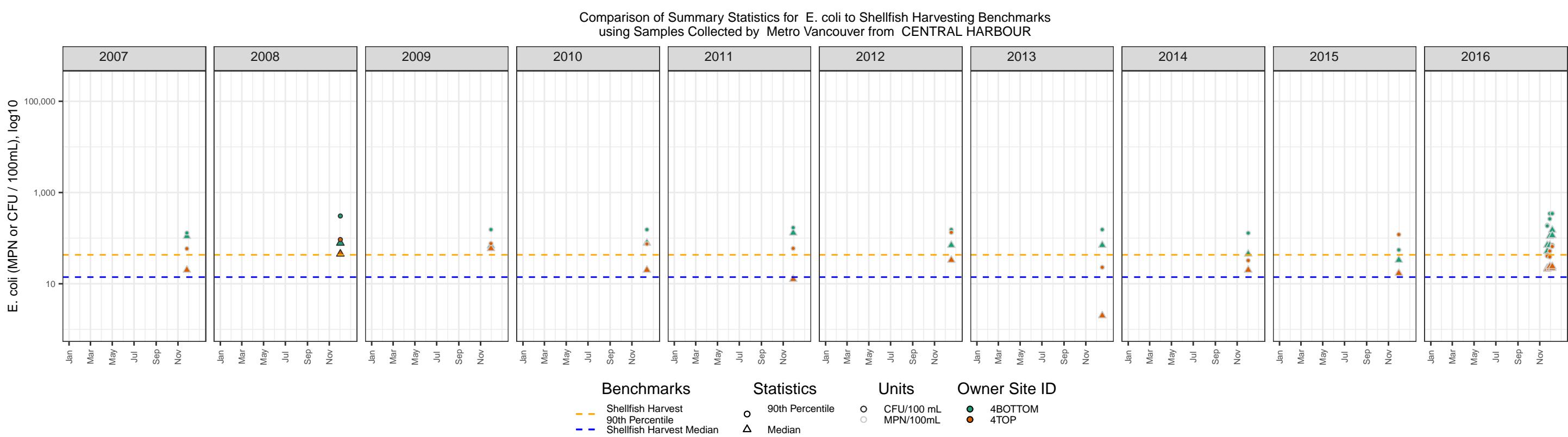
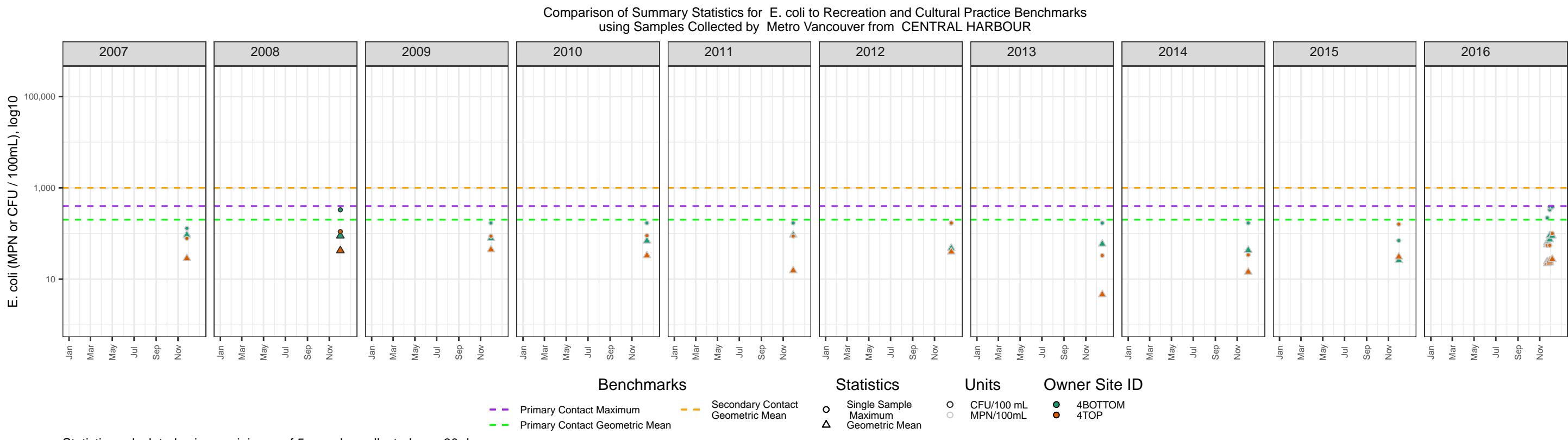


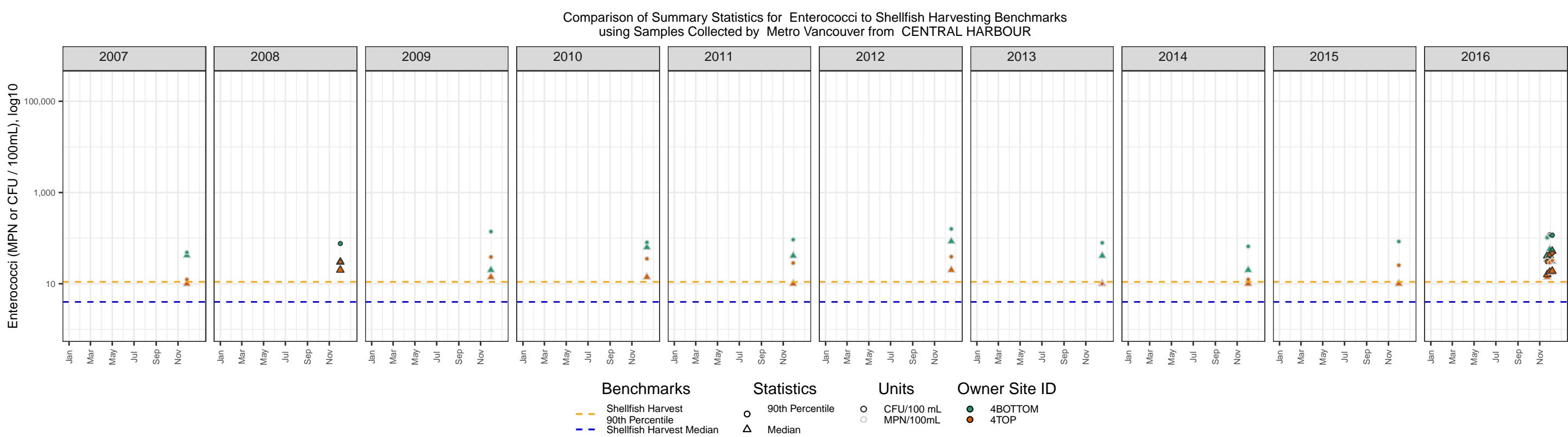
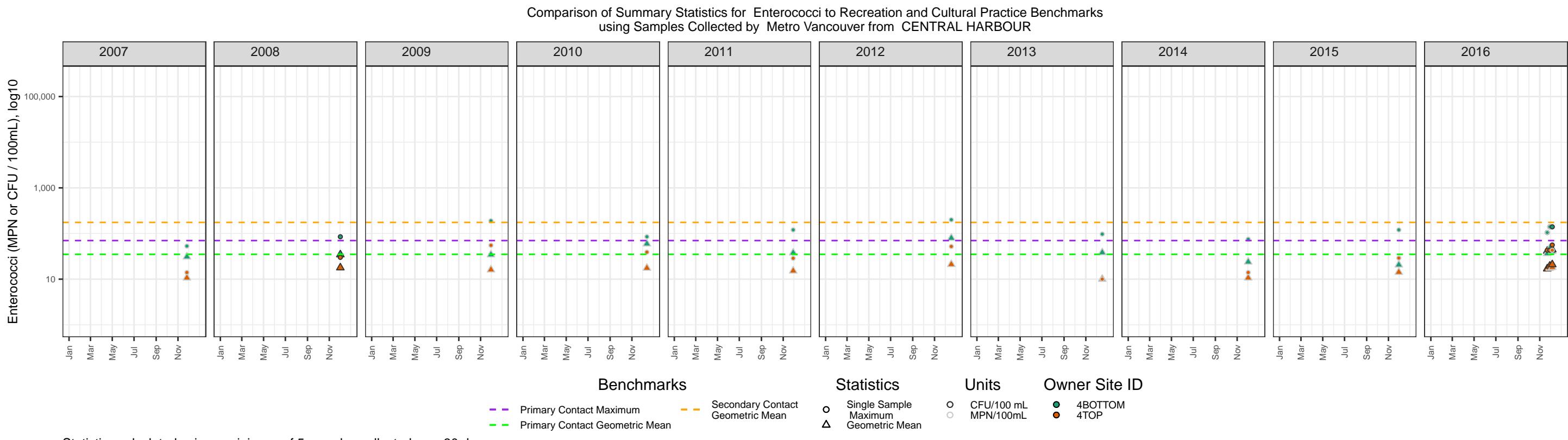
Comparison of Summary Statistics for E. coli to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from C R A B Park

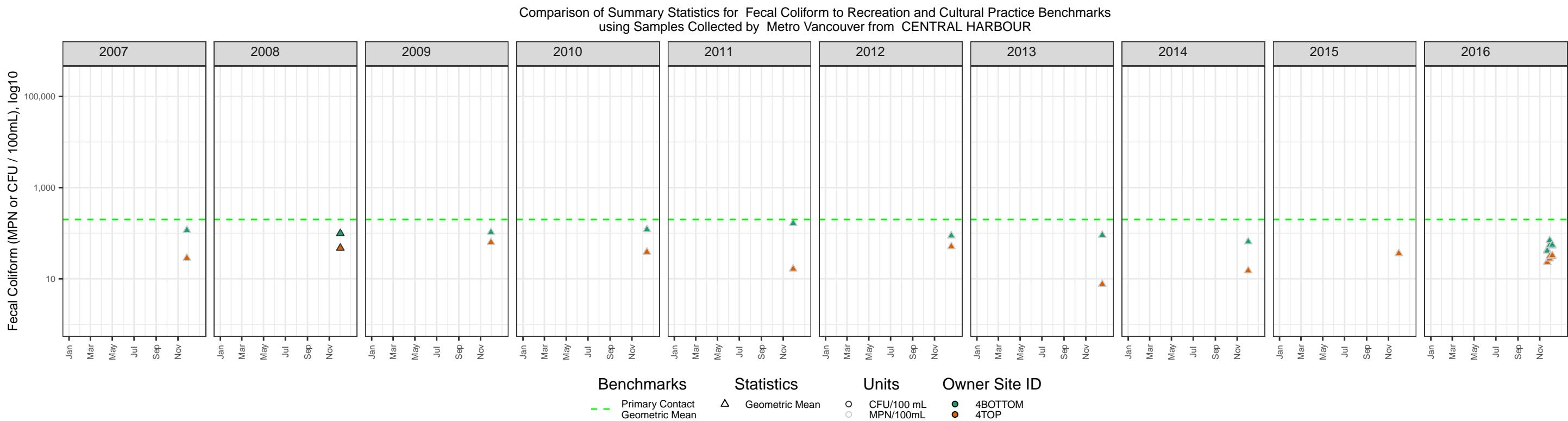


D.4 Central Harbour

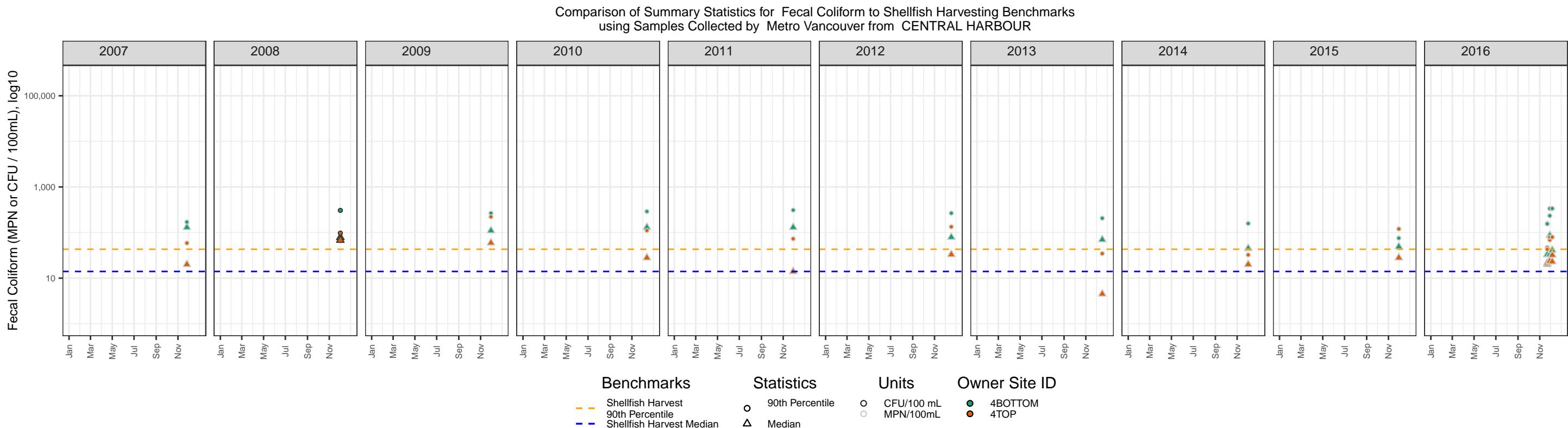
Metro Vancouver's Burrard Inlet Ambient Monitoring Program







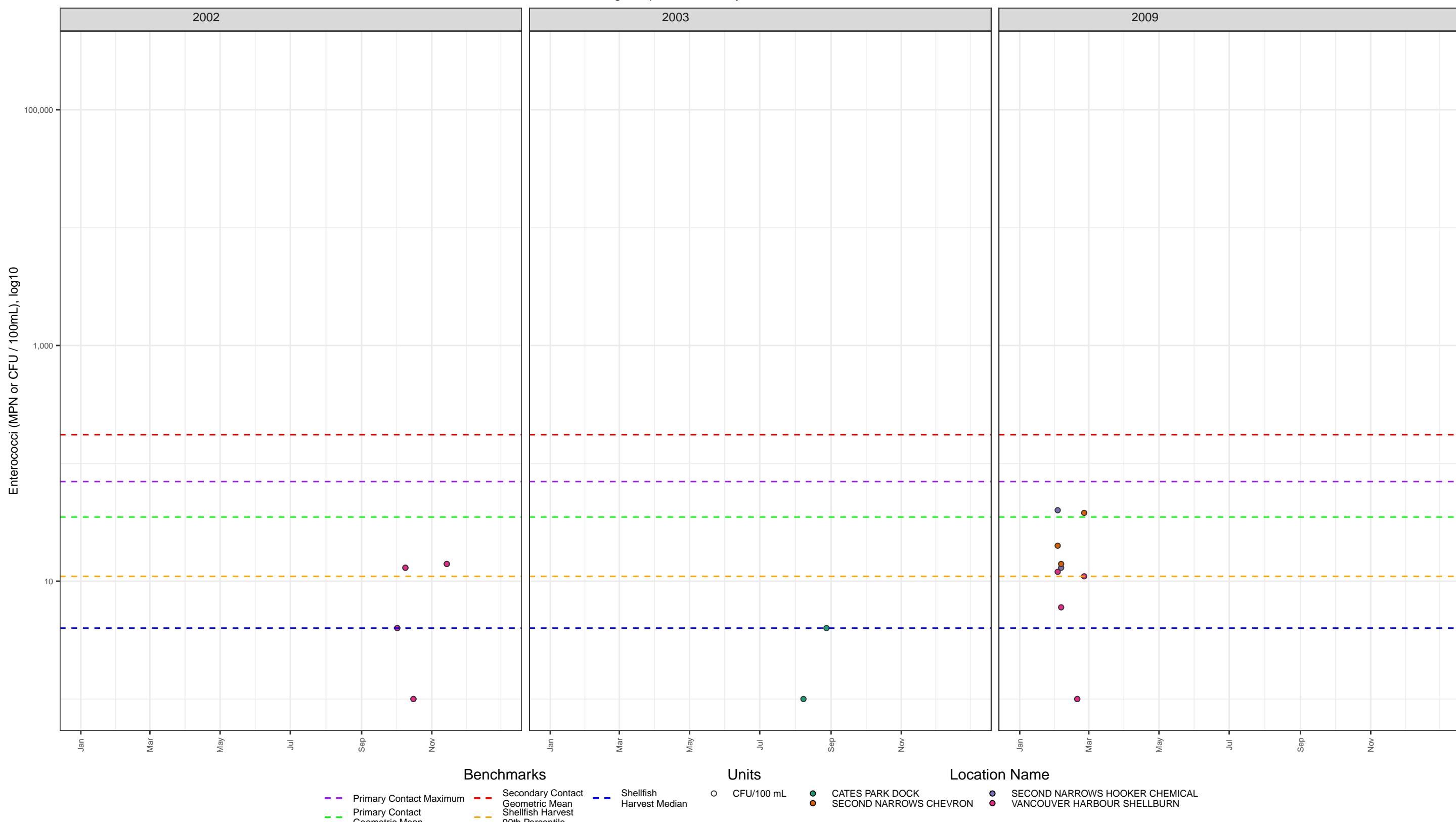
Statistics calculated using a minimum of 5 samples collected over 30 days



Statistics calculated using a minimum of 5 samples collected over 30 days

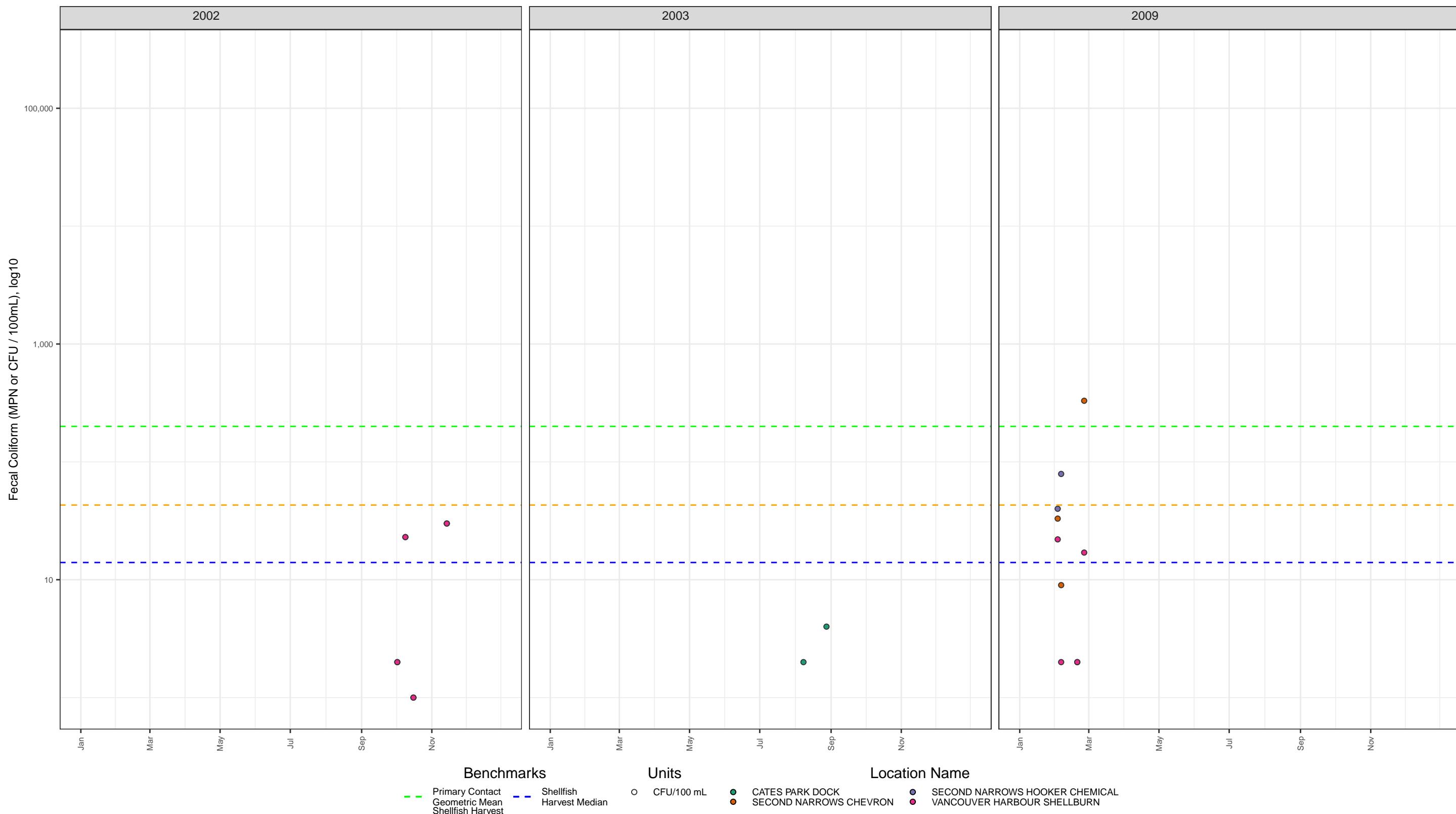
Provincial WQOs Attainment Monitoring

Comparison of Individual Samples for Enterococci to Recreation and Cultural Practices, and Shellfish Harvesting Benchmarks,
using Samples Collected by ENV from CENTRAL HARBOUR



Individual values reported where statistics could not be calculated using a minimum of 5 samples calculated over 30 days

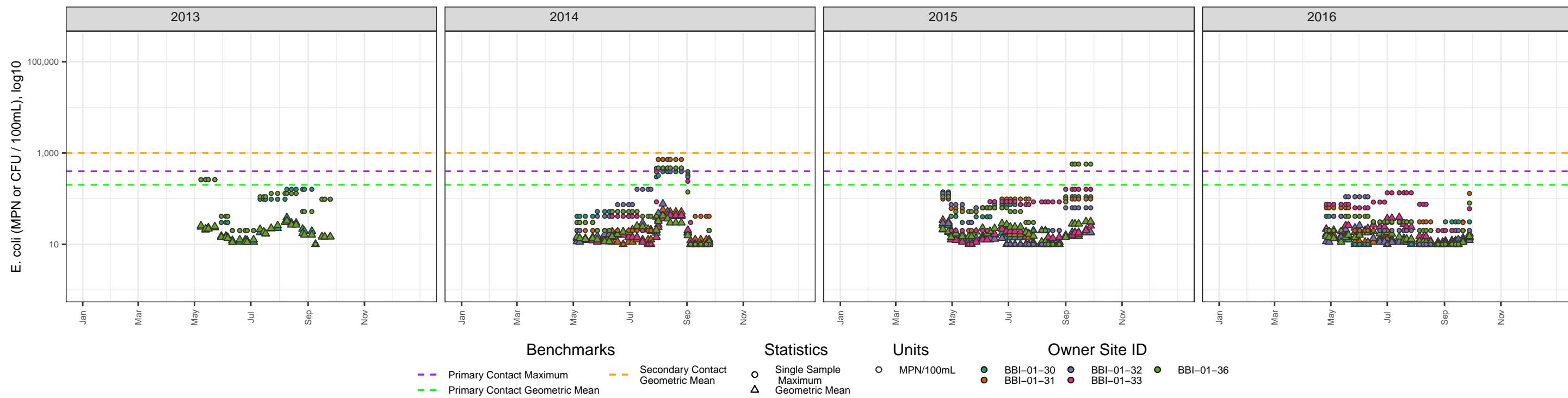
Comparison of Individual Samples for Fecal Coliform to Recreation and Cultural Practices, and Shellfish Harvesting Benchmarks,
using Samples Collected by ENV from CENTRAL HARBOUR



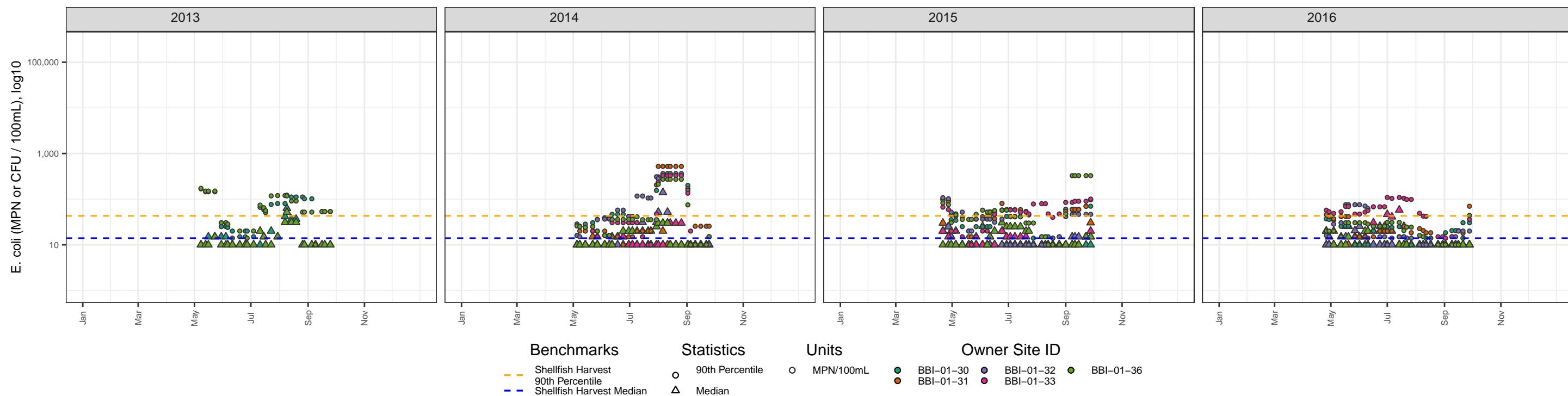
Individual values reported where statistics could not be calculated using a minimum of 5 samples calculated over 30 days

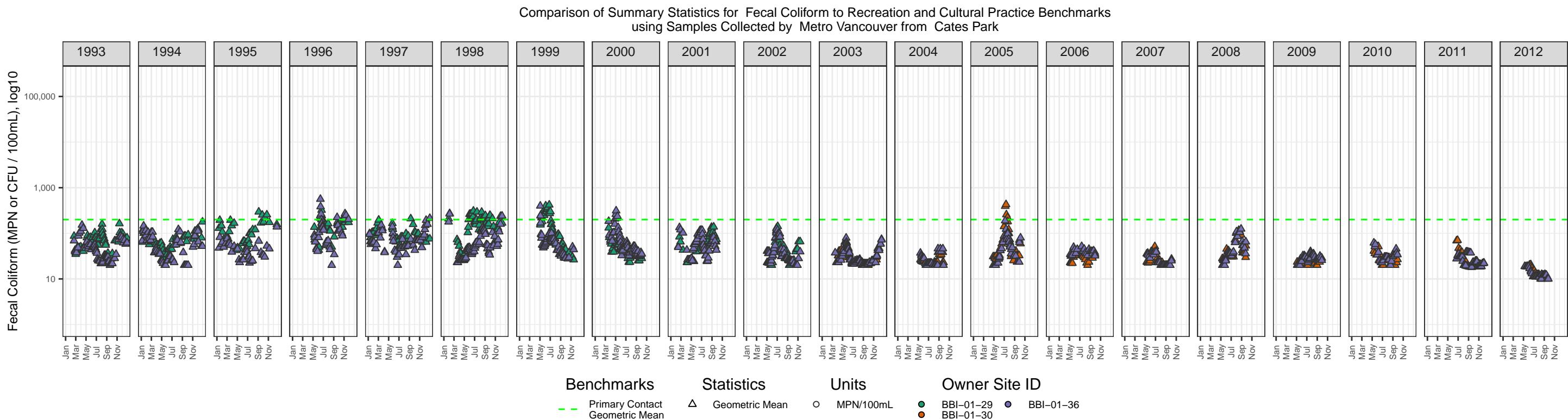
Metro Vancouver's Recreational Water Quality Monitoring Program

Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Cates Park

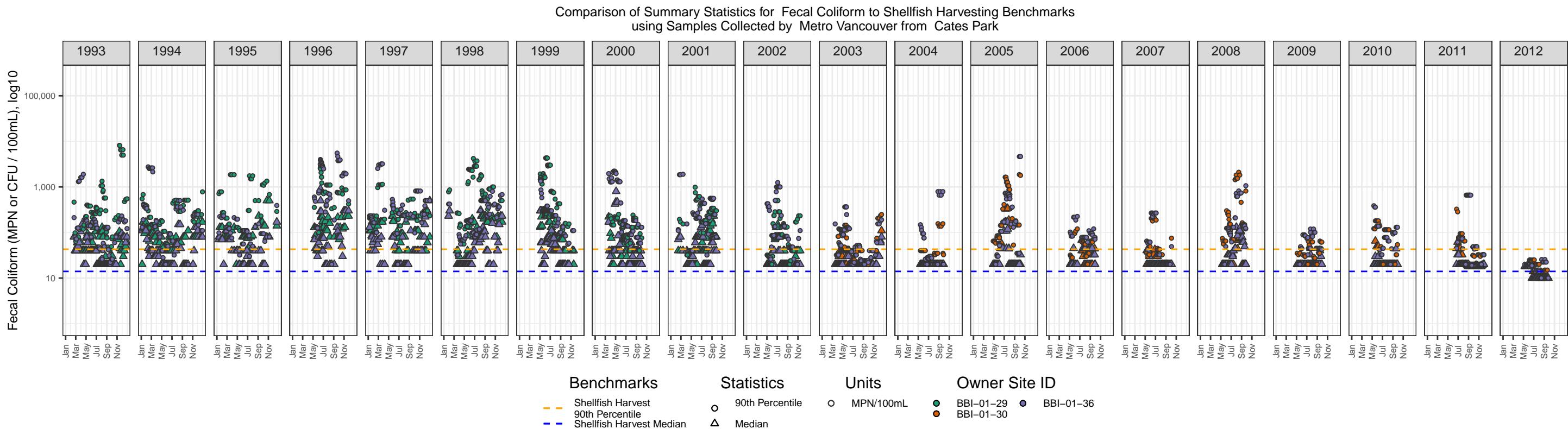


Comparison of Summary Statistics for E. coli to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from Cates Park





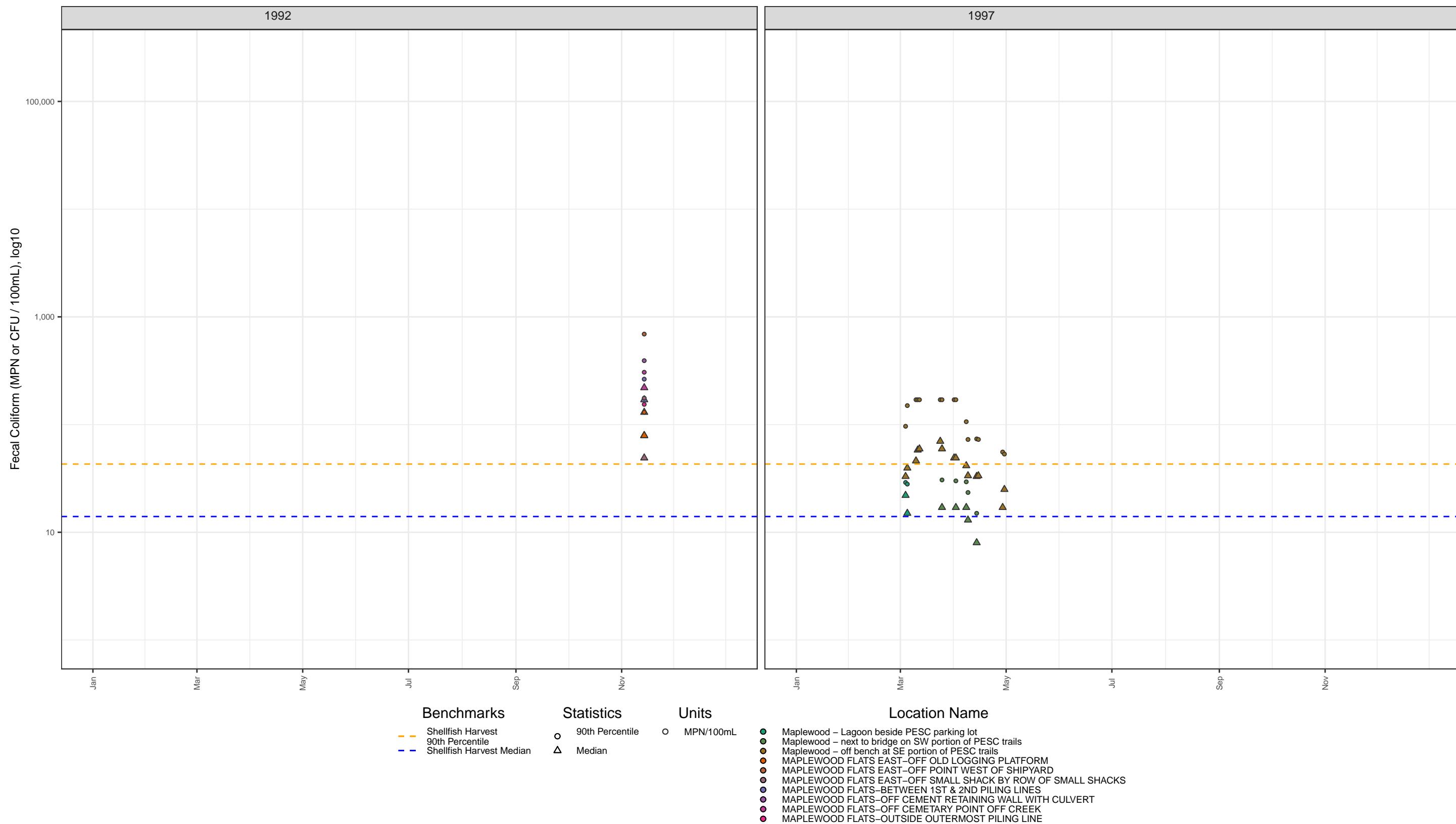
Statistics calculated using a minimum of 5 samples collected over 30 days



Statistics calculated using a minimum of 5 samples collected over 30 days

Canadian Shellfish Sanitation Program

Comparison of Summary Statistics for Fecal Coliform to Shellfish Harvesting Benchmarks
using Samples Collected by ECCC from CENTRAL HARBOUR

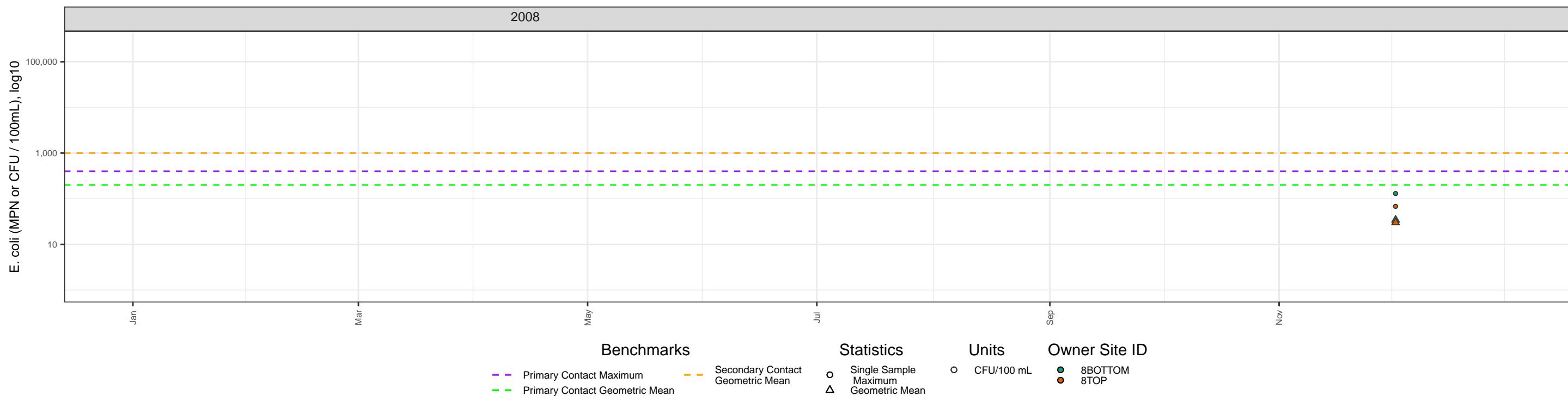


Statistics calculated using a minimum of 5 samples collected over 30 days

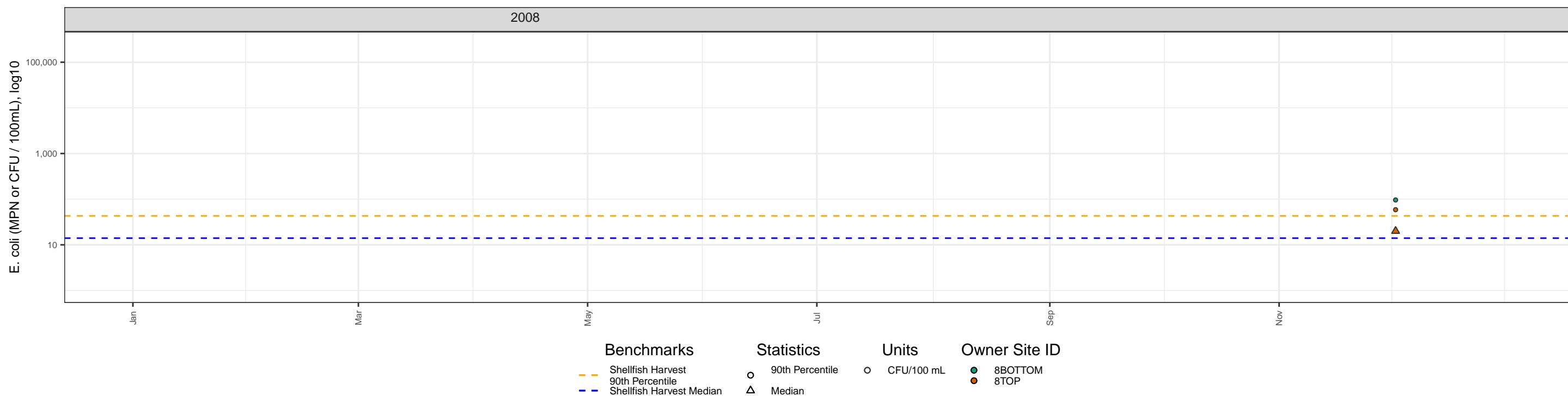
D.5 Port Moody Arm

Metro Vancouver's Burrard Inlet Ambient Monitoring Program

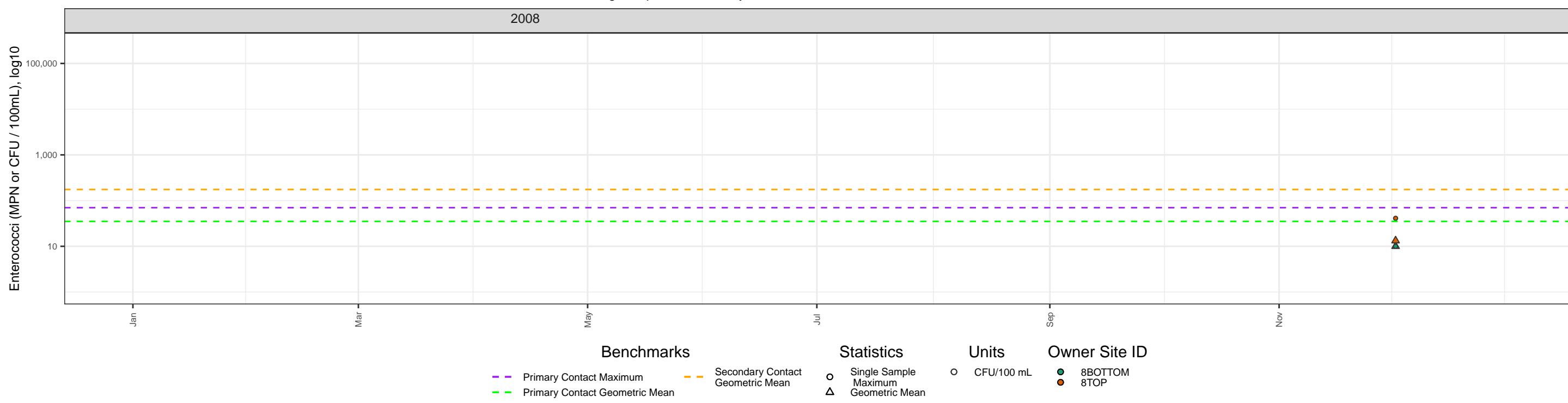
Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from INNER PORT MOODY ARM



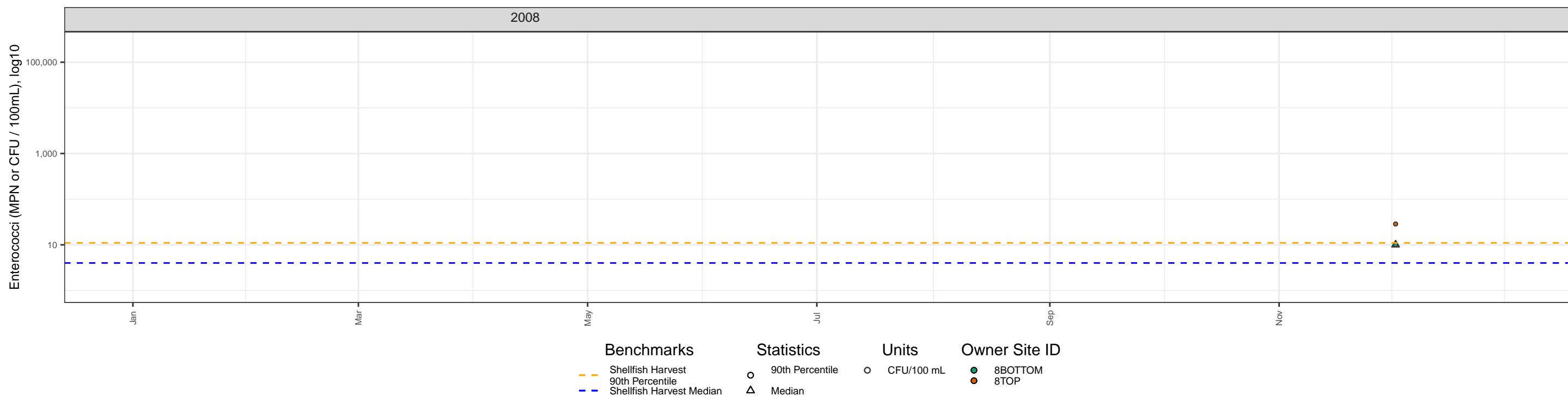
Comparison of Summary Statistics for E. coli to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from INNER PORT MOODY ARM



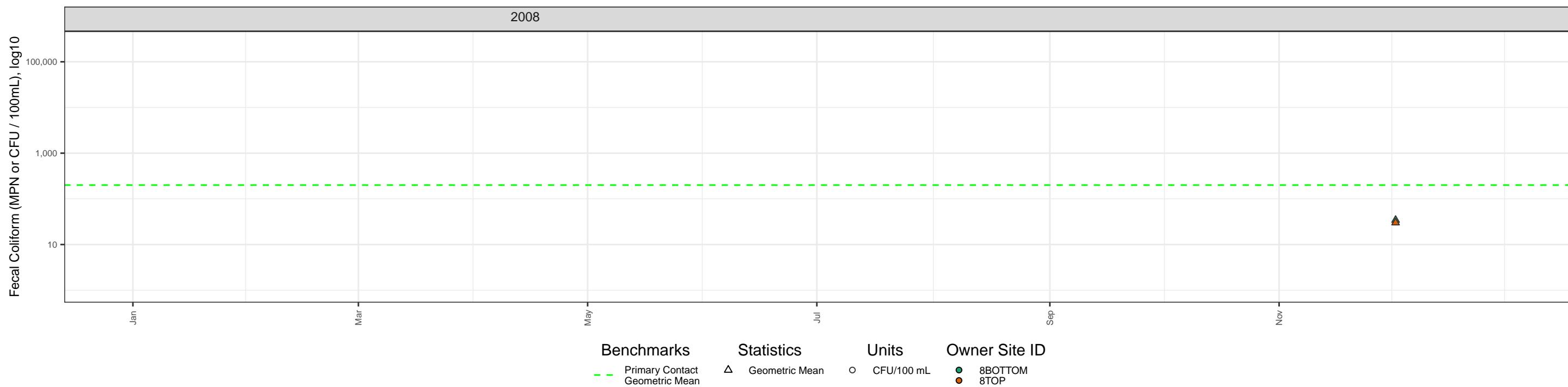
Comparison of Summary Statistics for Enterococci to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from INNER PORT MOODY ARM



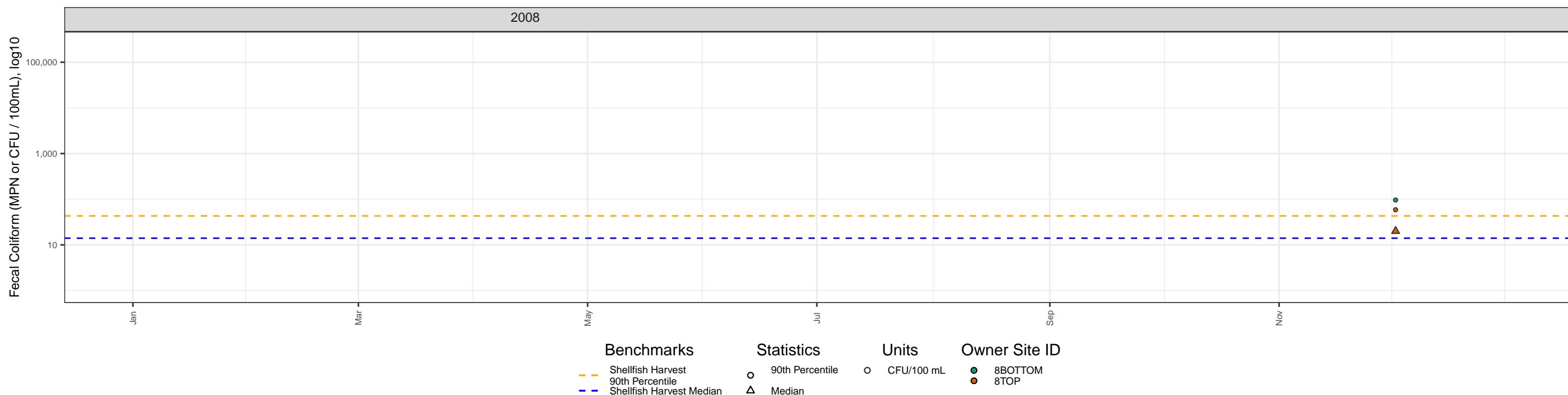
Comparison of Summary Statistics for Enterococci to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from INNER PORT MOODY ARM



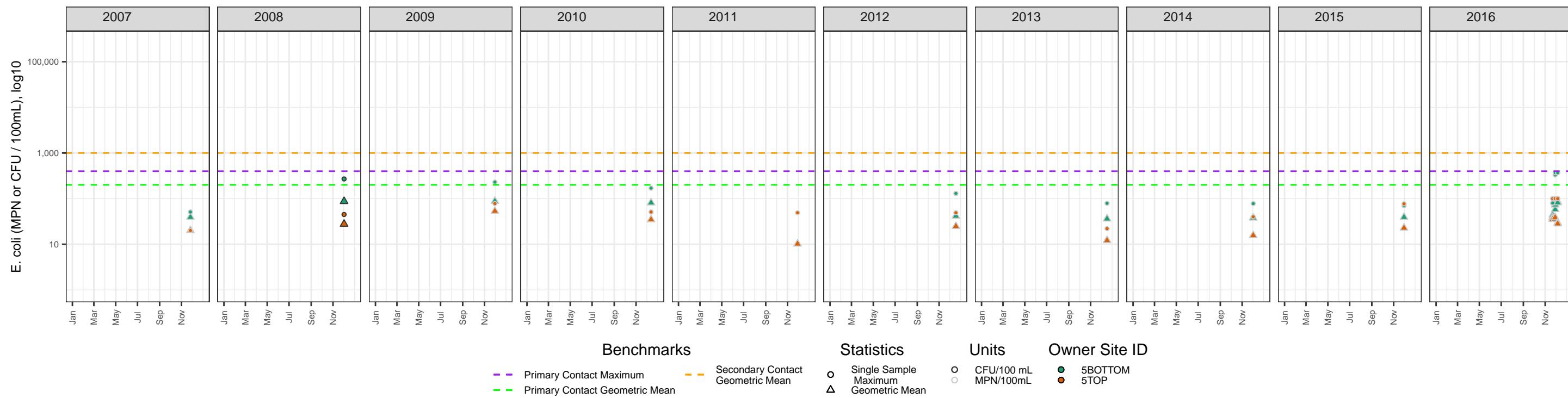
Comparison of Summary Statistics for Fecal Coliform to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from INNER PORT MOODY ARM



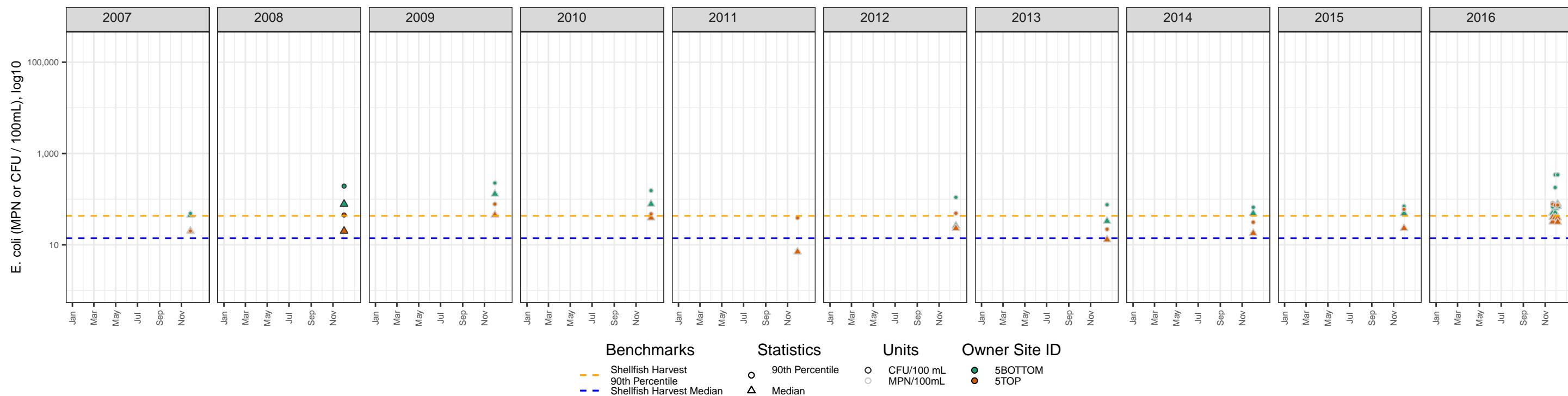
Comparison of Summary Statistics for Fecal Coliform to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from INNER PORT MOODY ARM

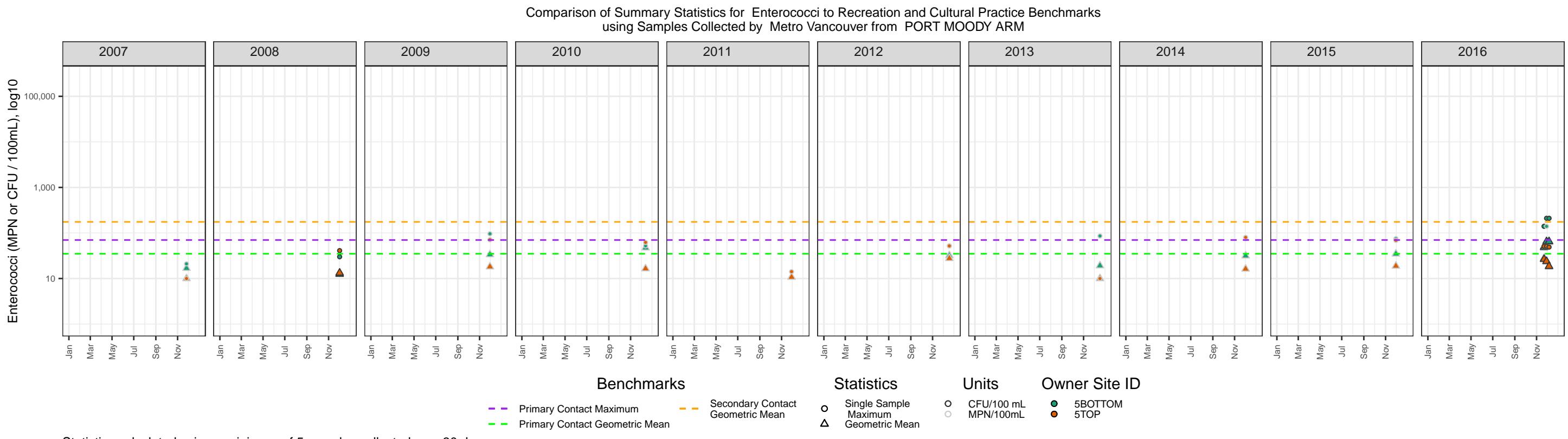


Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from PORT MOODY ARM

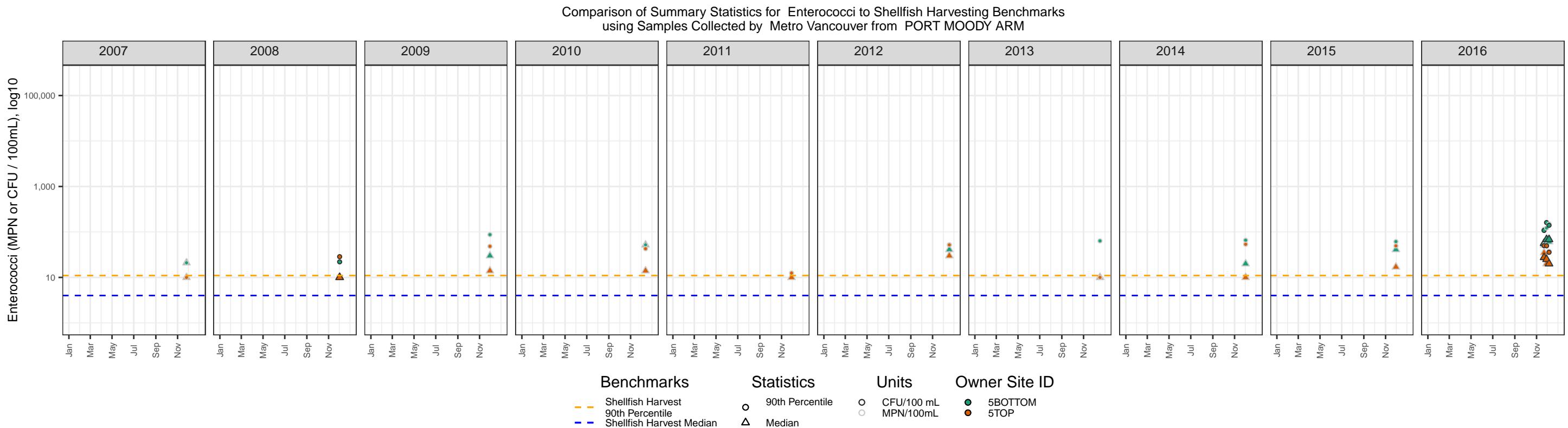


Comparison of Summary Statistics for E. coli to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from PORT MOODY ARM

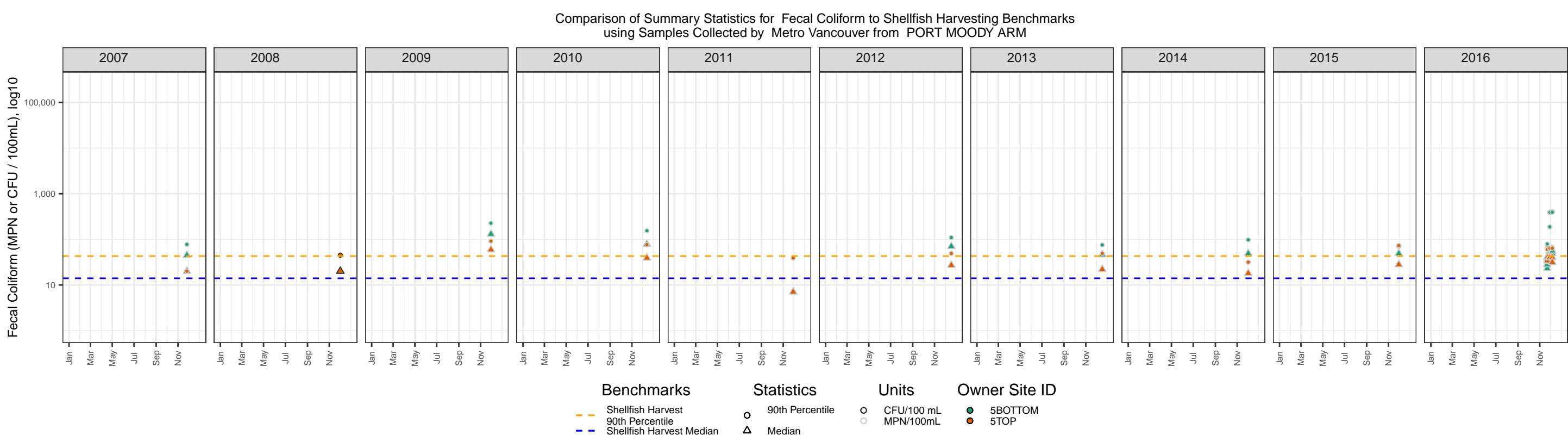
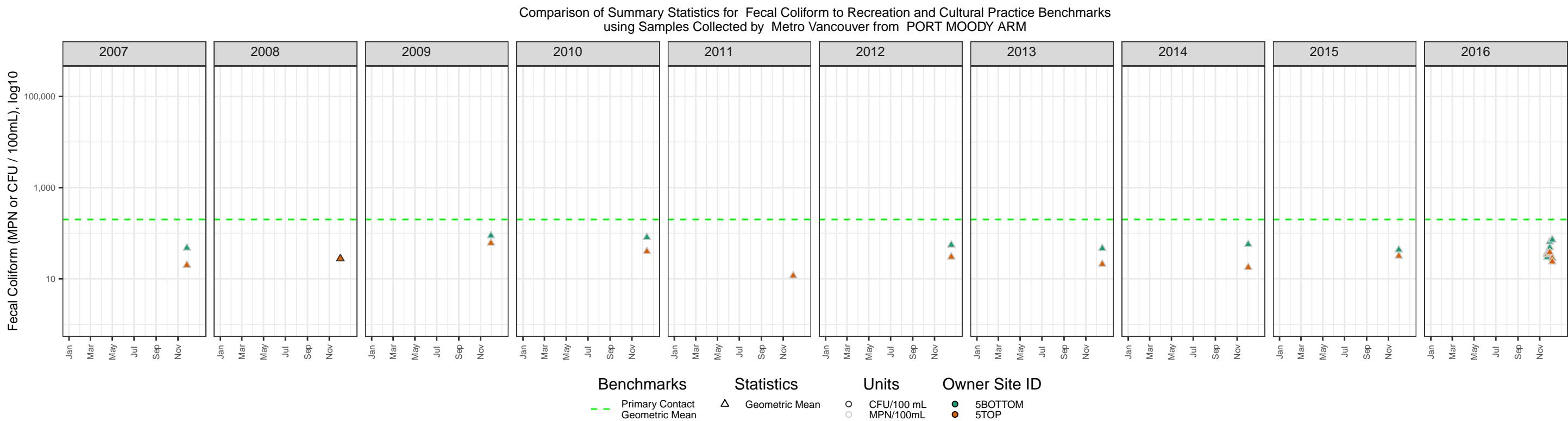




Statistics calculated using a minimum of 5 samples collected over 30 days

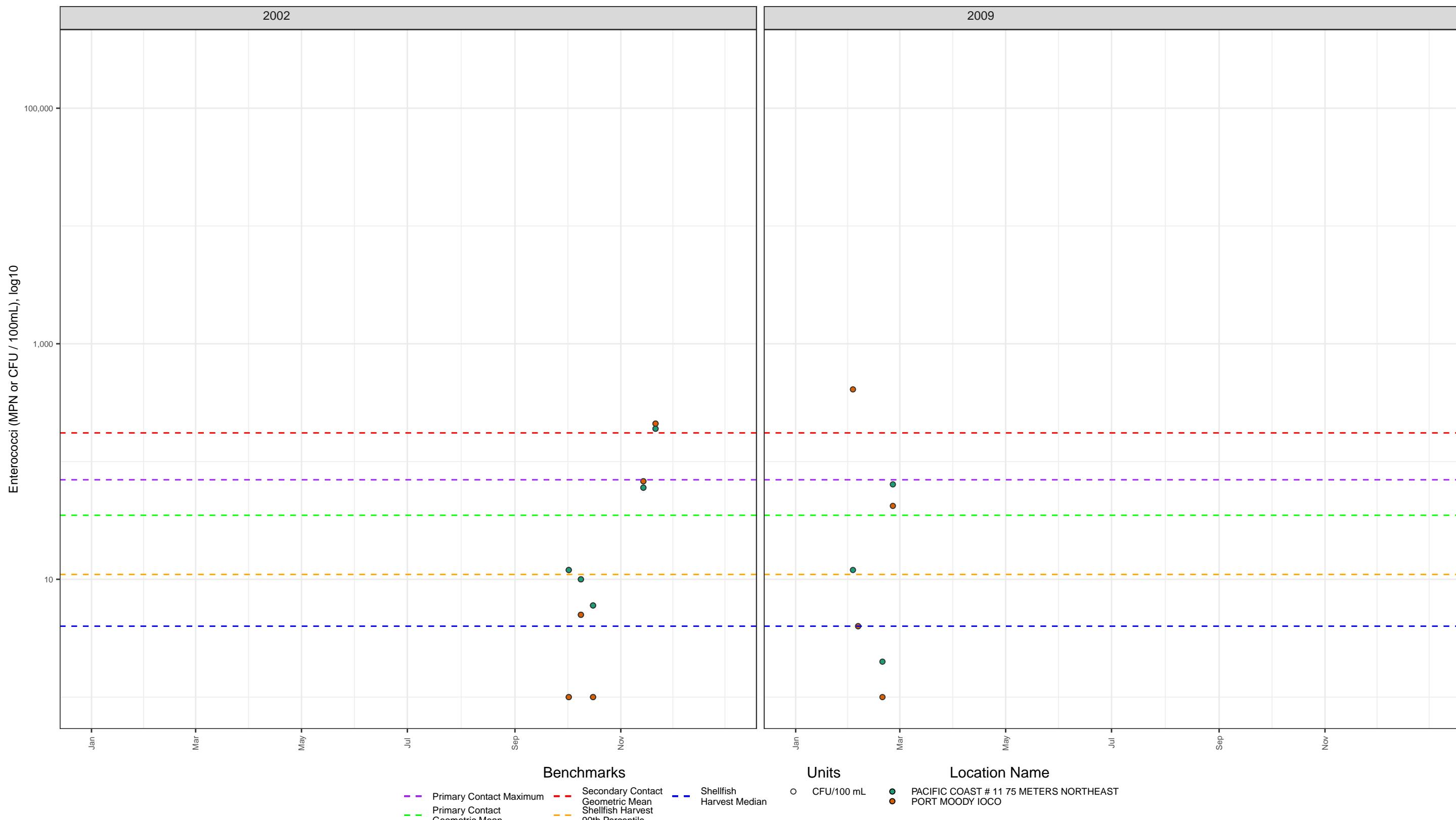


Statistics calculated using a minimum of 5 samples collected over 30 days



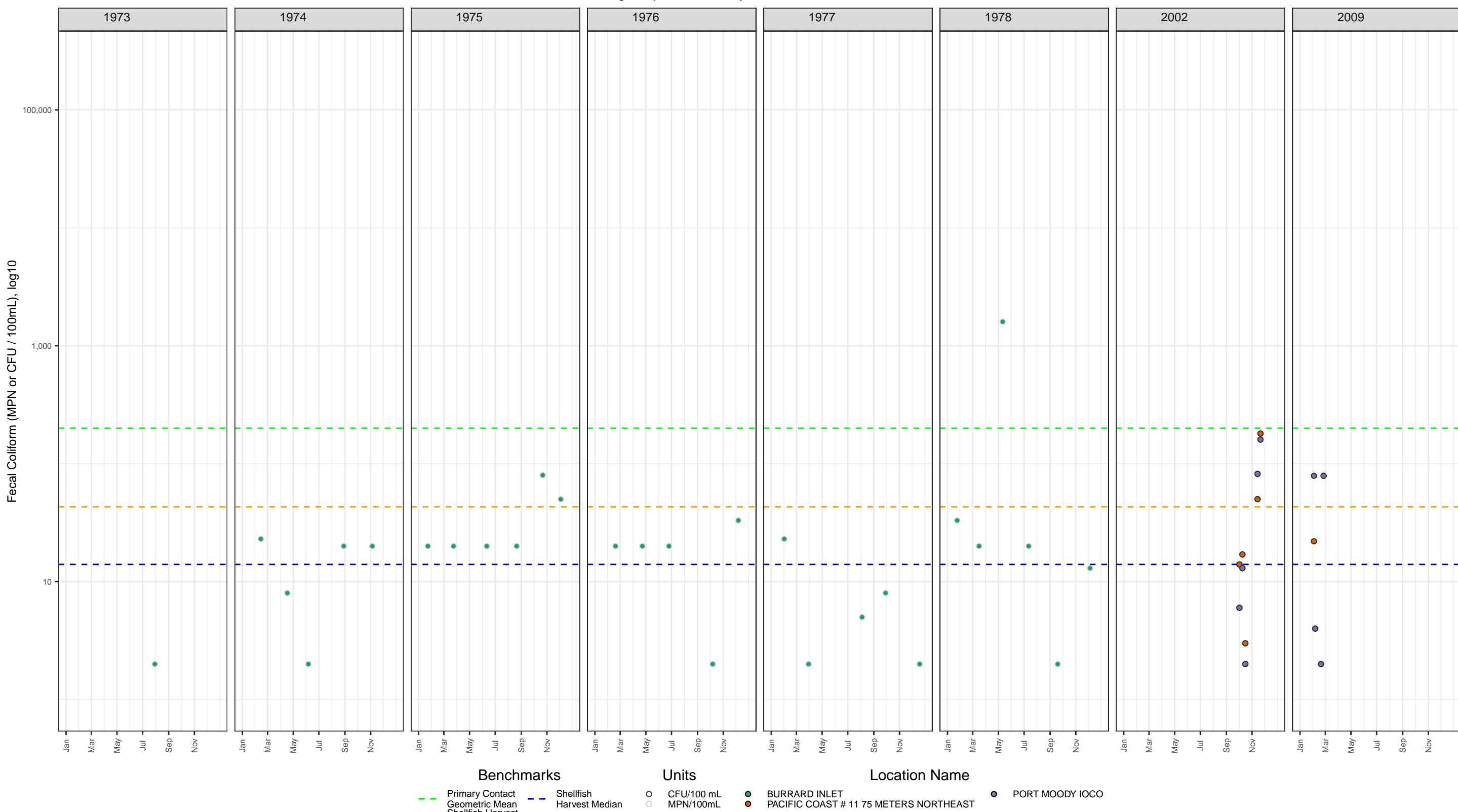
Provincial WQOs Attainment Monitoring

Comparison of Individual Samples for Enterococci to Recreation and Cultural Practices, and Shellfish Harvesting Benchmarks,
using Samples Collected by ENV from PORT MOODY ARM



Individual values reported where statistics could not be calculated using a minimum of 5 samples calculated over 30 days

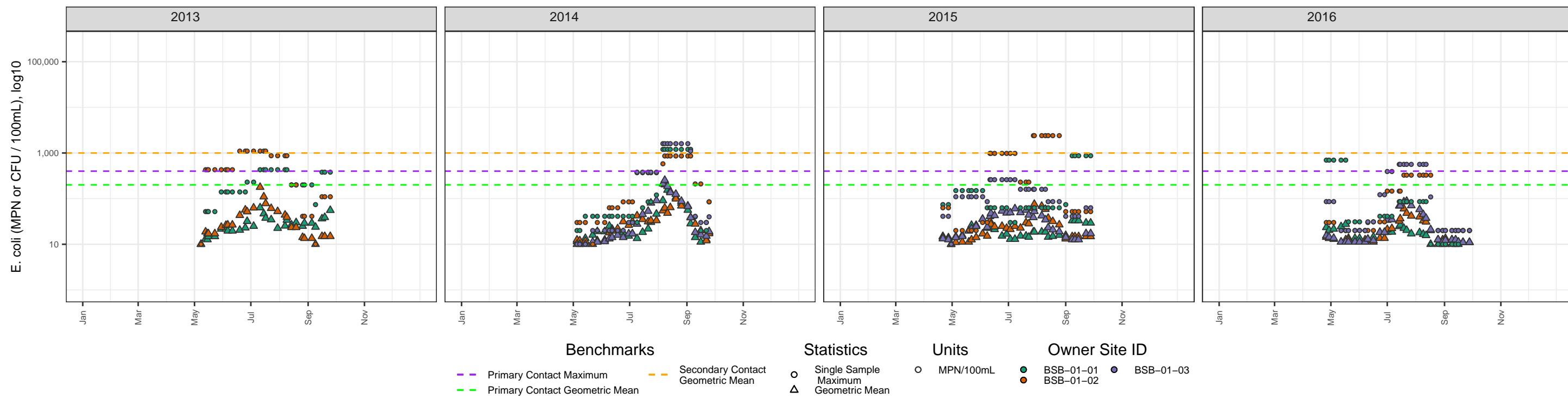
Comparison of Individual Samples for Fecal Coliform to Recreation and Cultural Practices, and Shellfish Harvesting Benchmarks,
using Samples Collected by ENV from PORT MOODY ARM



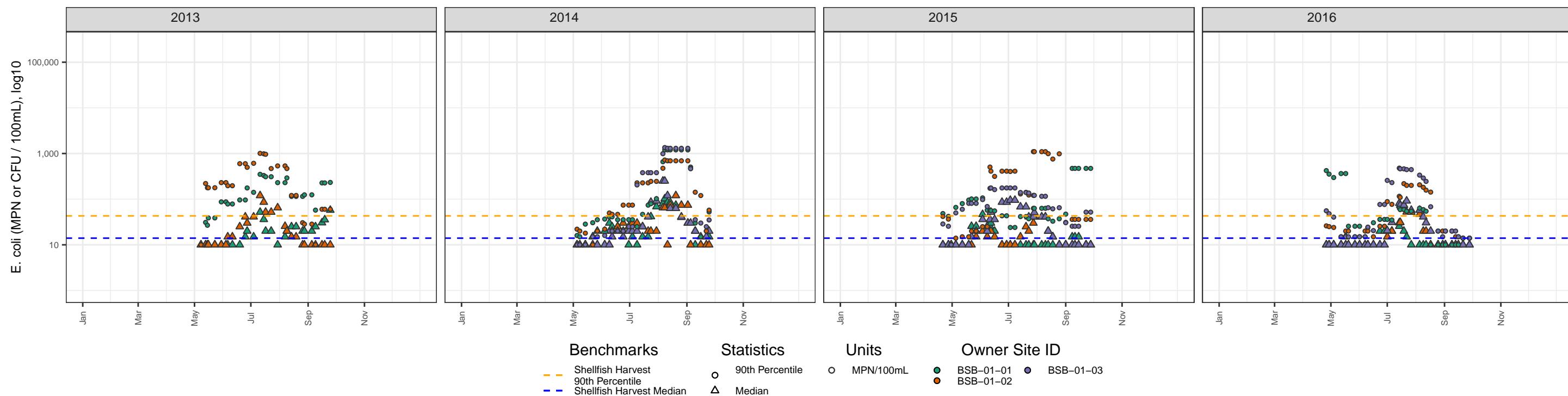
Individual values reported where statistics could not be calculated using a minimum of 5 samples calculated over 30 days

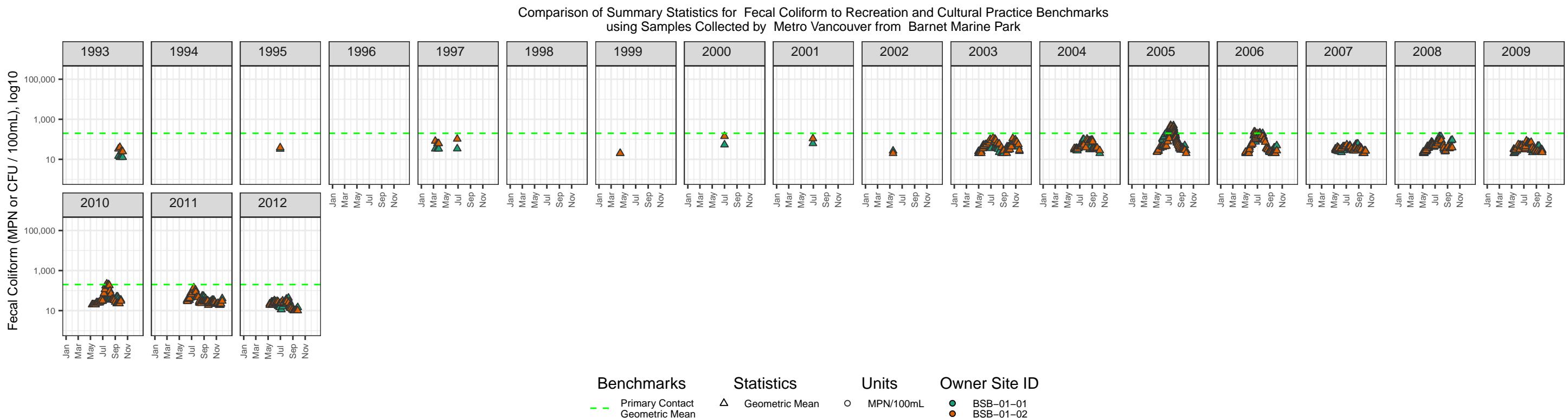
Metro Vancouver's Recreational Water Quality Monitoring Program

Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Barnet Marine Park

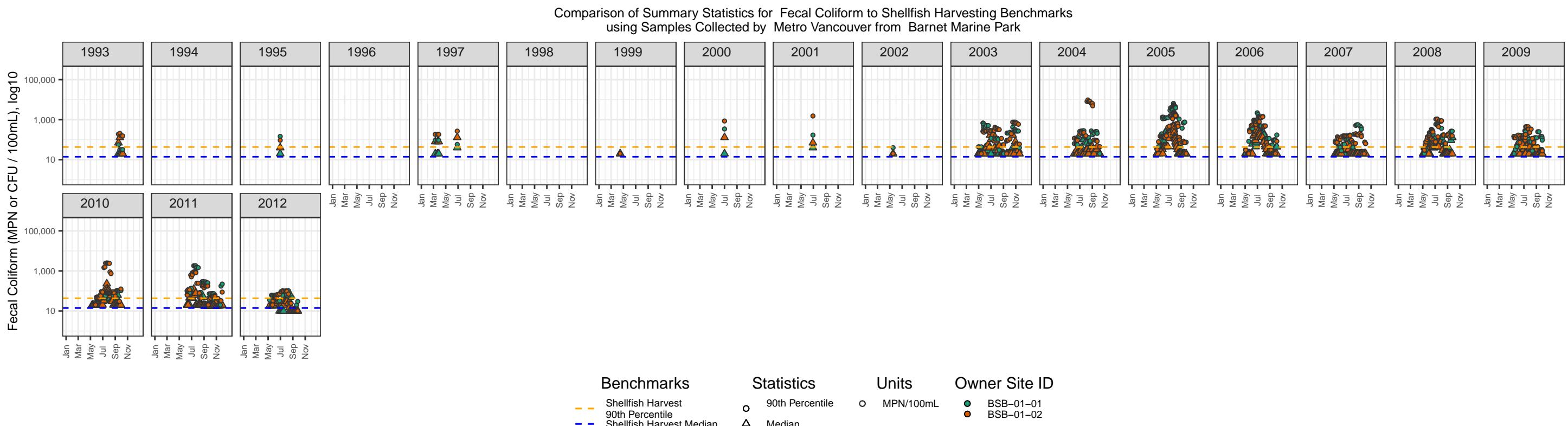


Comparison of Summary Statistics for E. coli to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from Barnet Marine Park



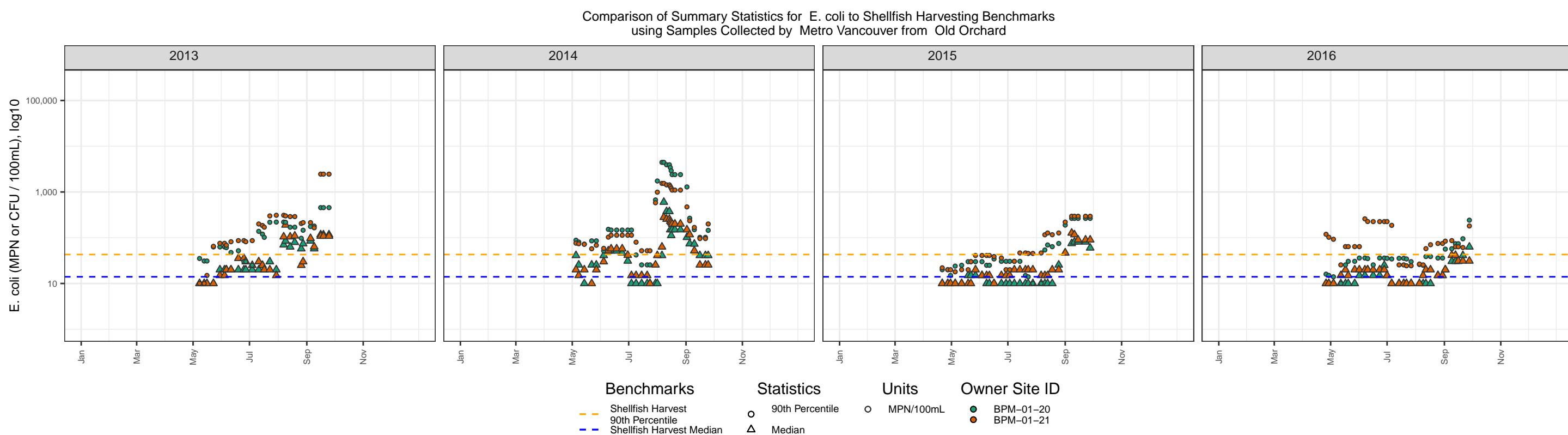
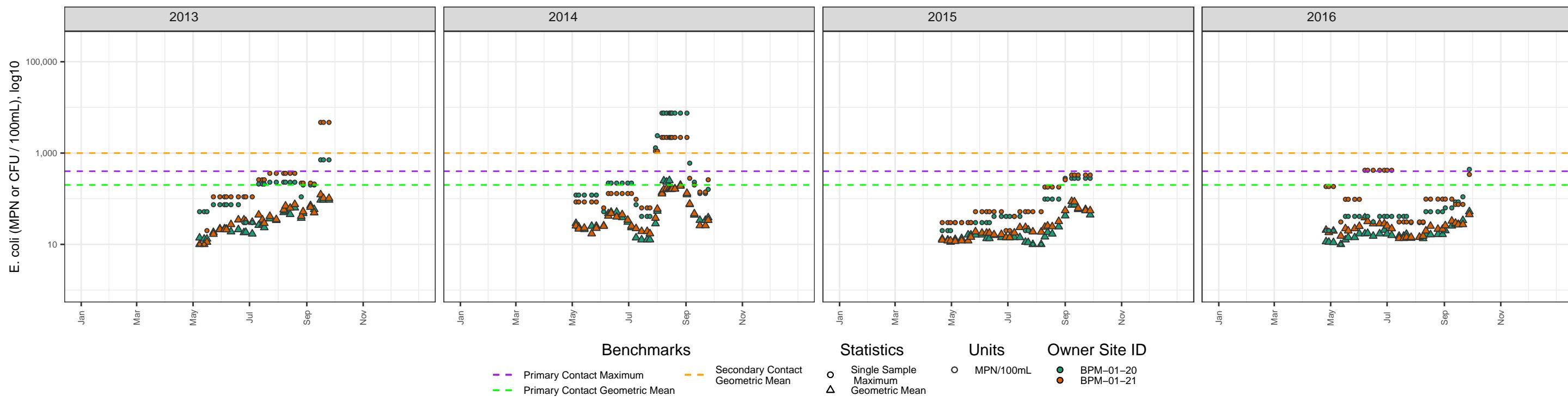


Statistics calculated using a minimum of 5 samples collected over 30 days

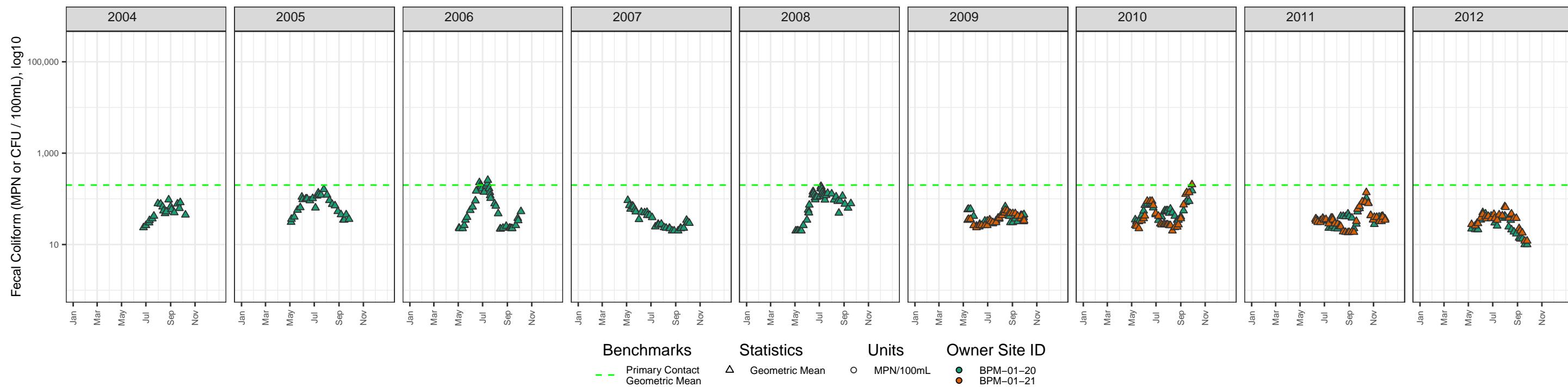


Statistics calculated using a minimum of 5 samples collected over 30 days

Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Old Orchard

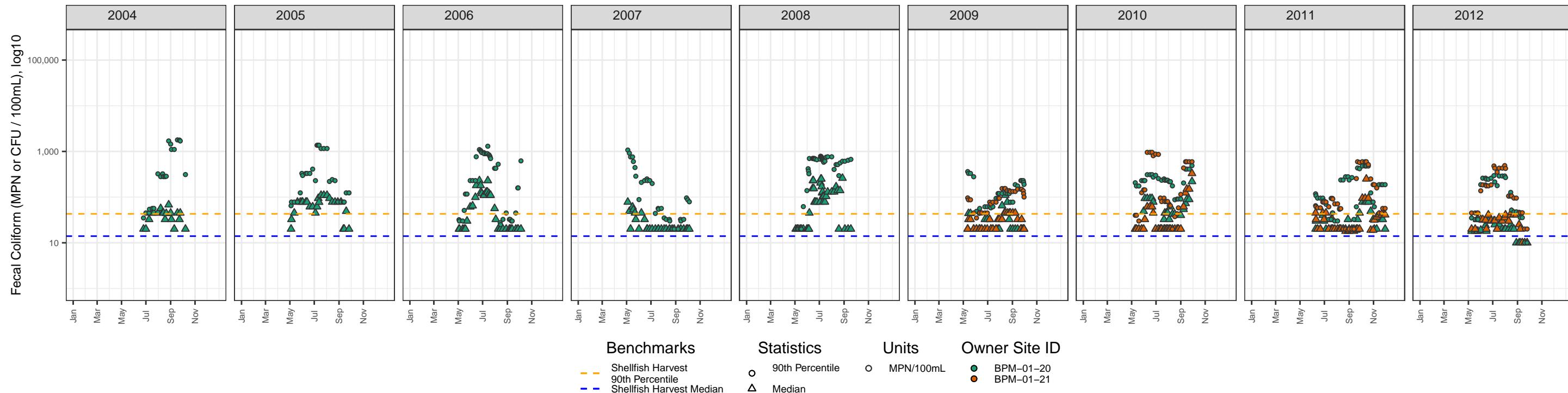


Comparison of Summary Statistics for Fecal Coliform to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Old Orchard



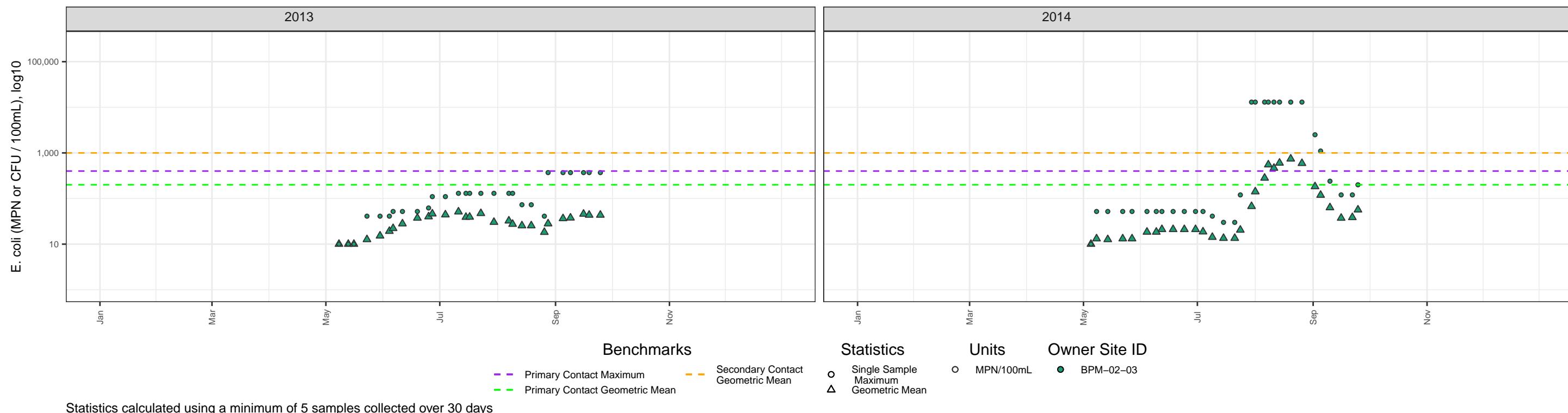
Statistics calculated using a minimum of 5 samples collected over 30 days

Comparison of Summary Statistics for Fecal Coliform to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from Old Orchard

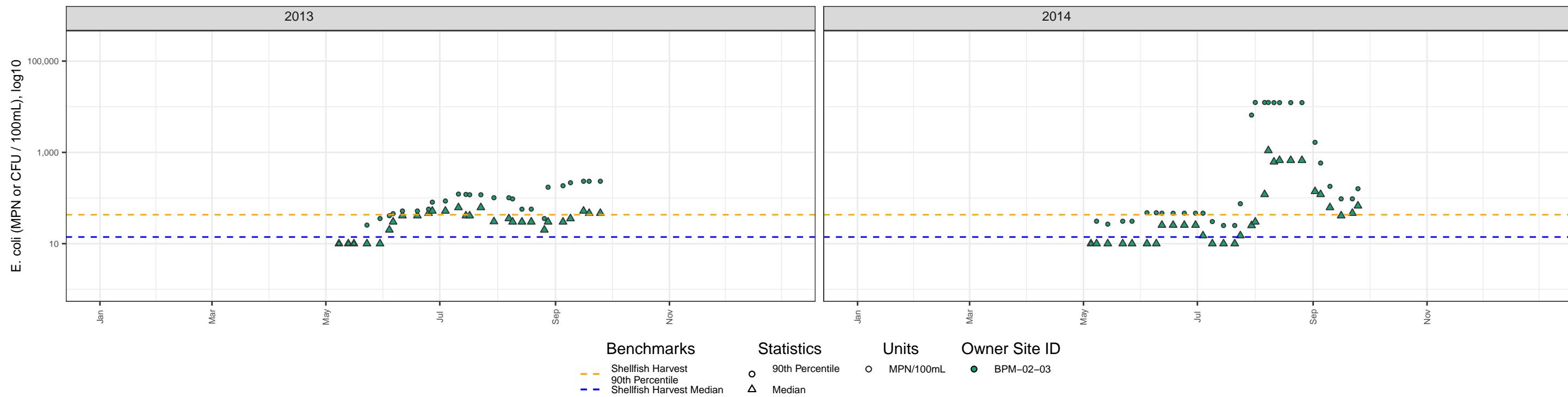


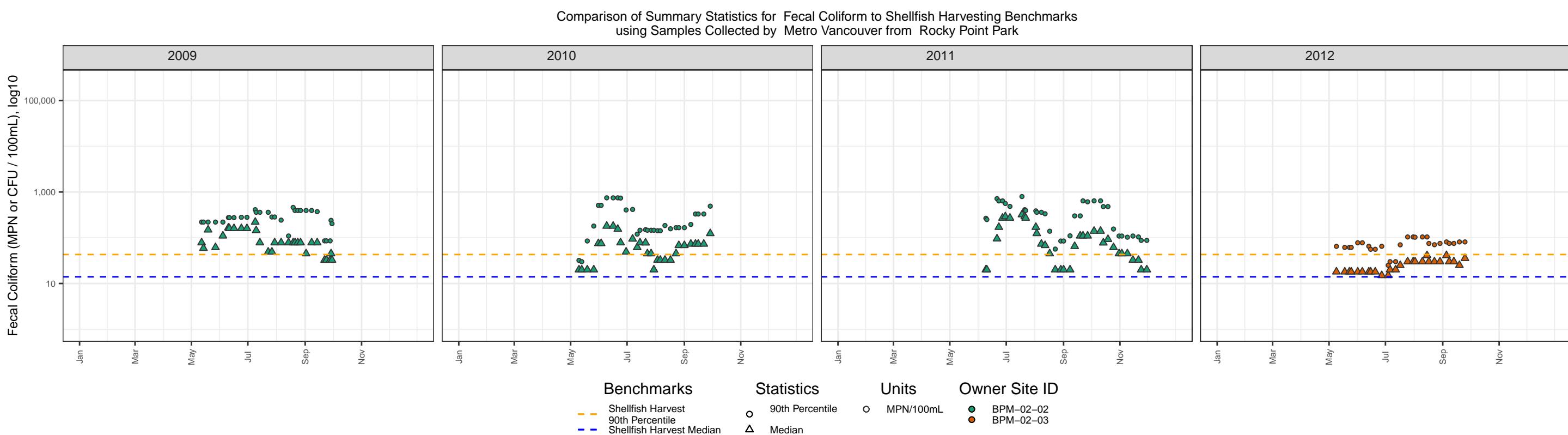
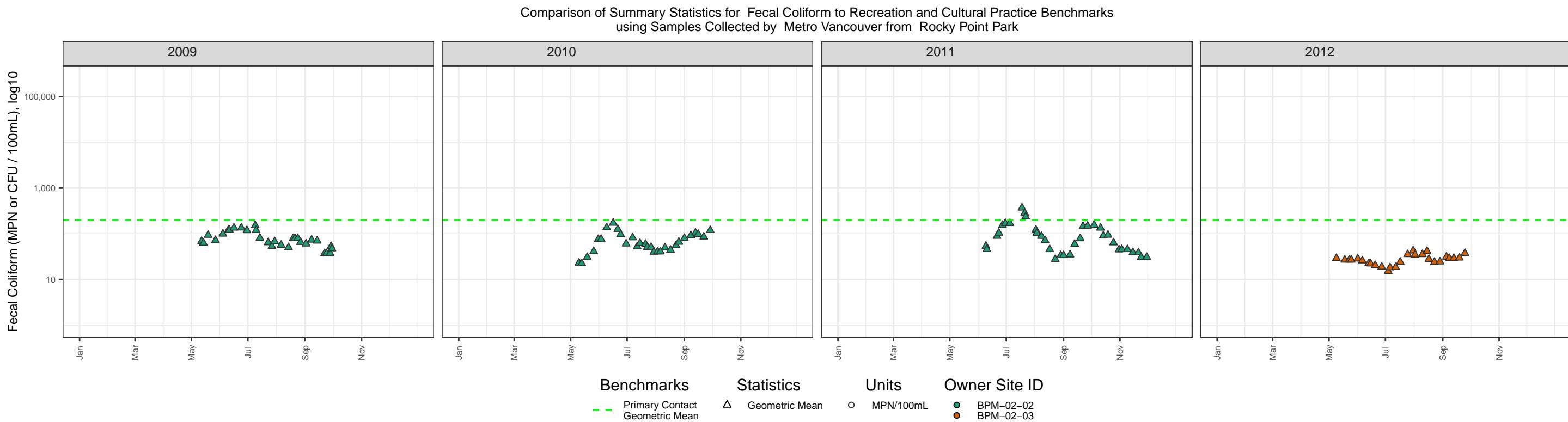
Statistics calculated using a minimum of 5 samples collected over 30 days

Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Rocky Point Park



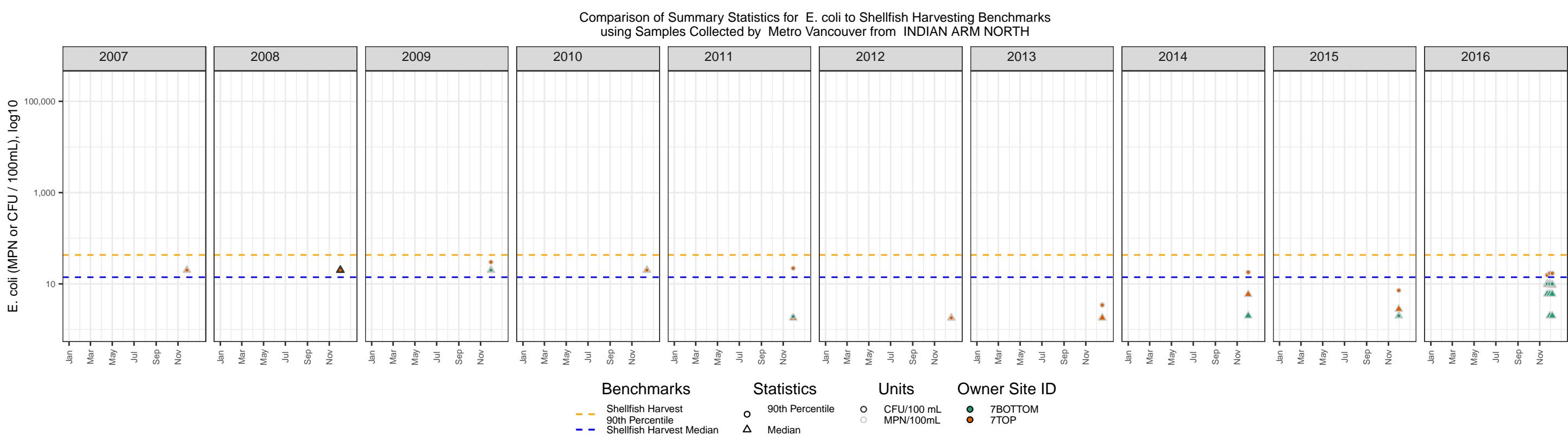
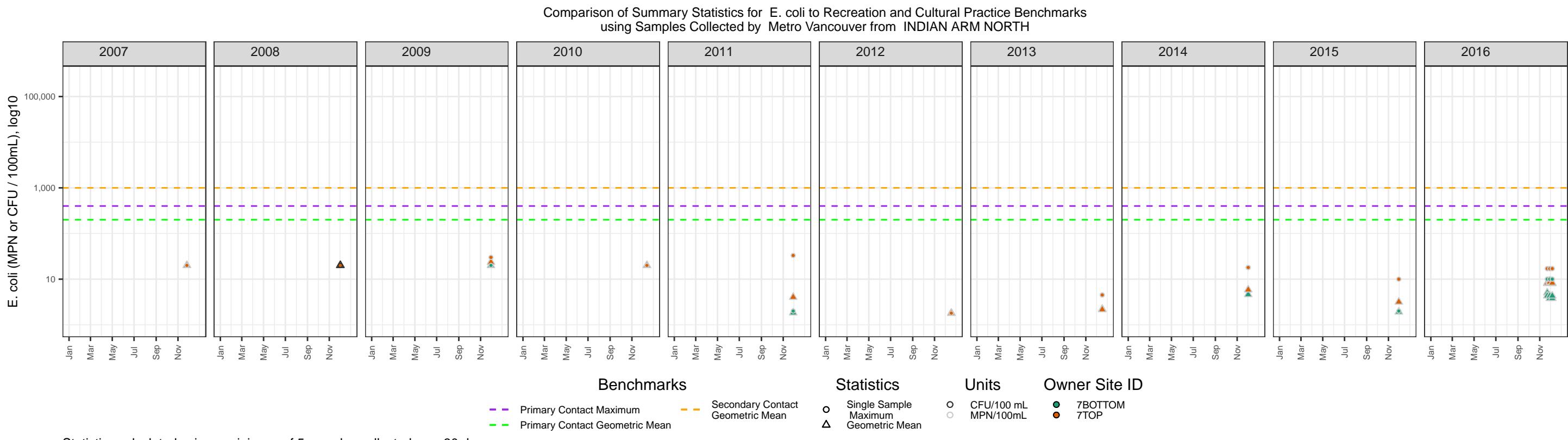
Comparison of Summary Statistics for E. coli to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from Rocky Point Park

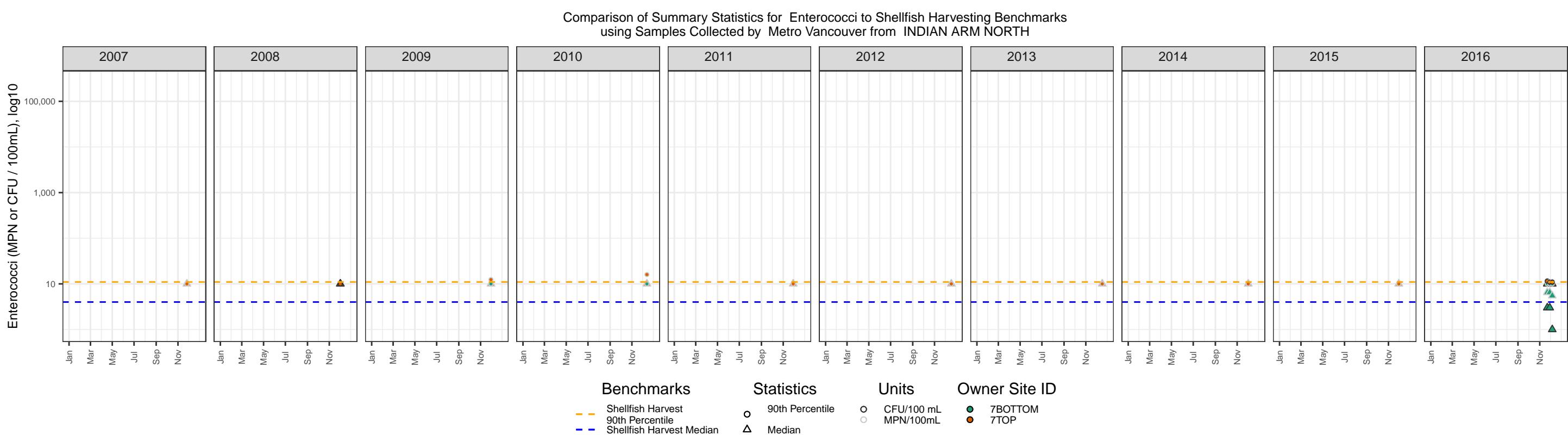
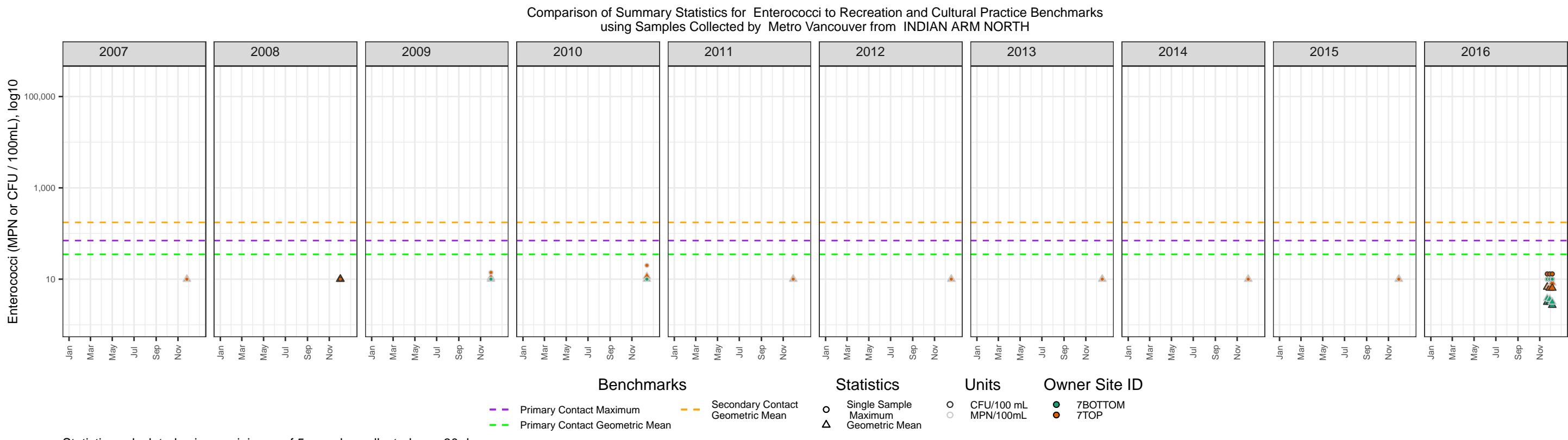


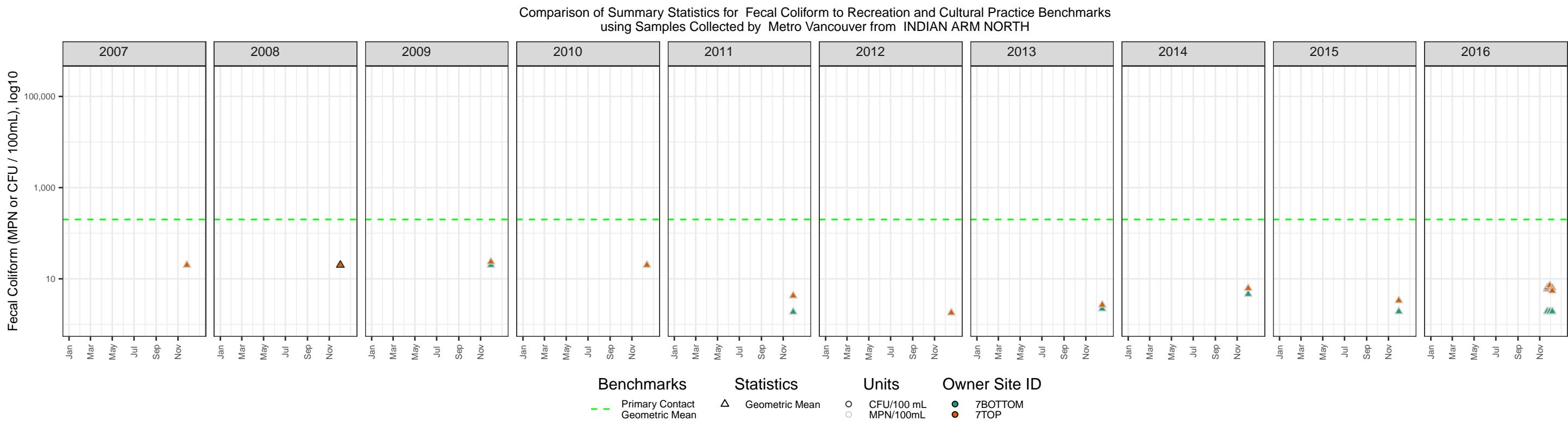


D.6 Indian Arm

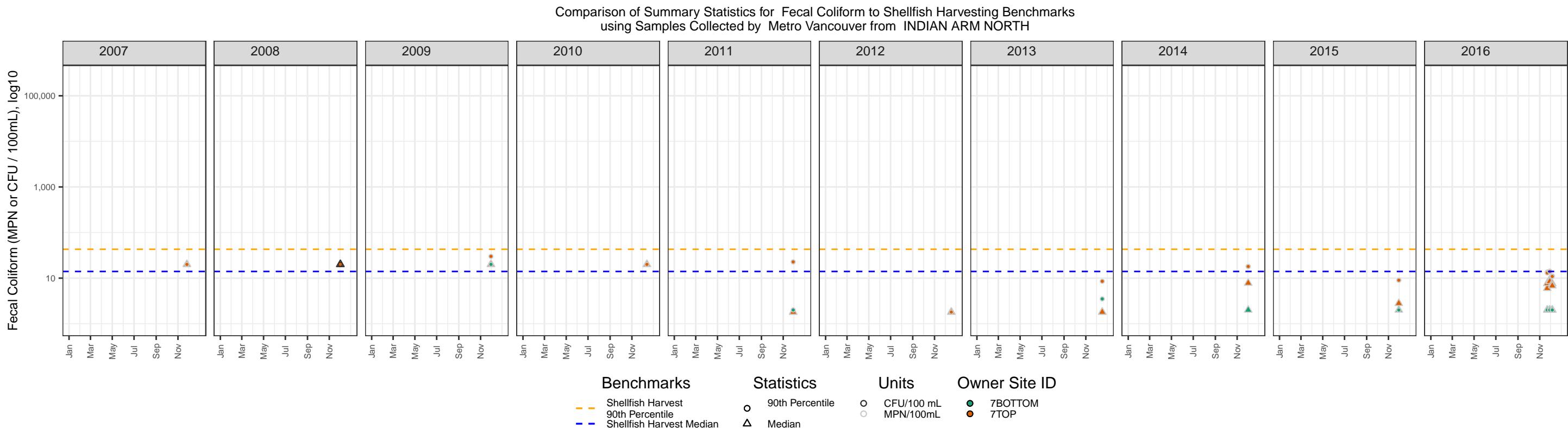
Metro Vancouver's Burrard Inlet Ambient Monitoring Program



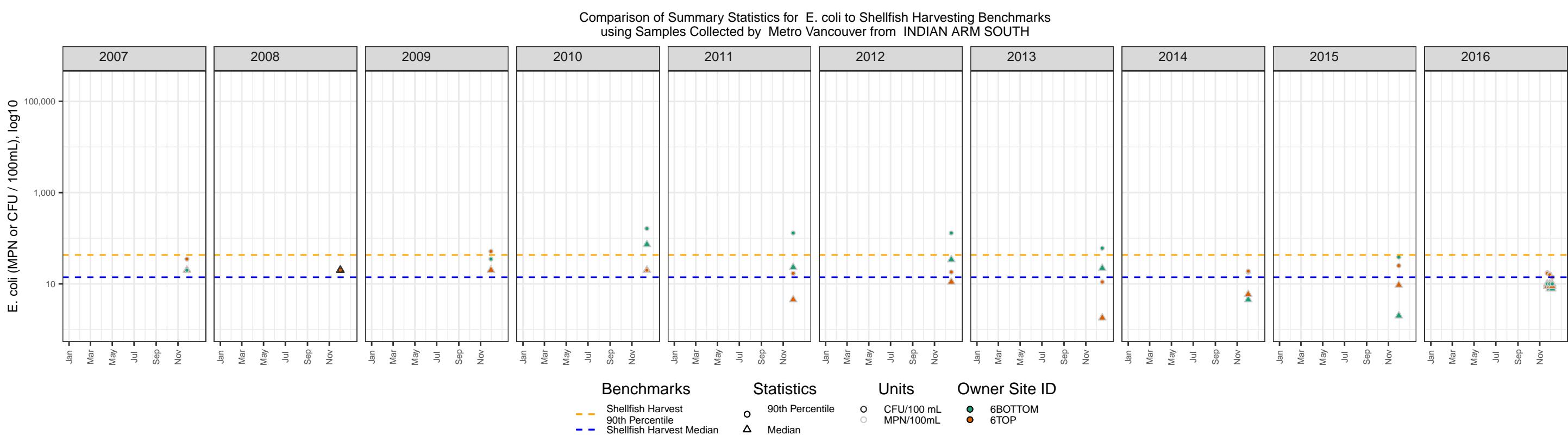
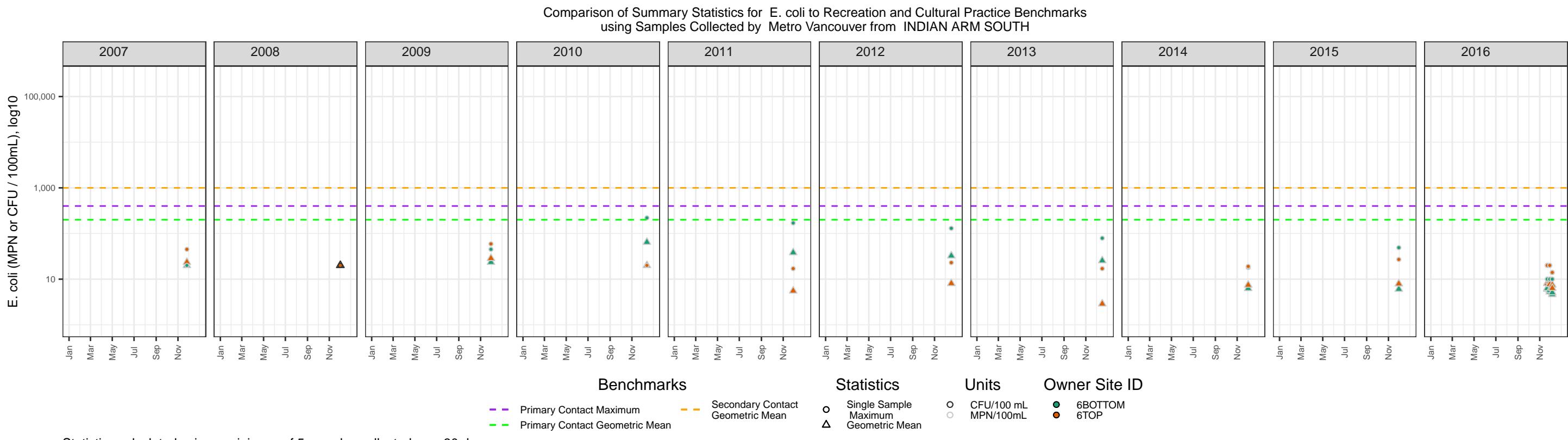


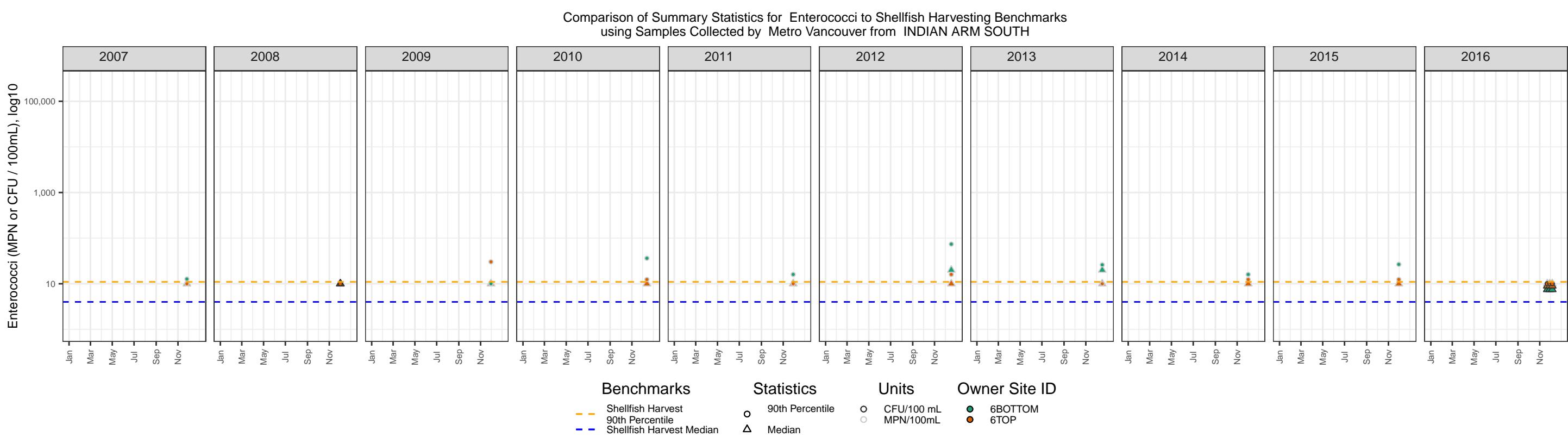
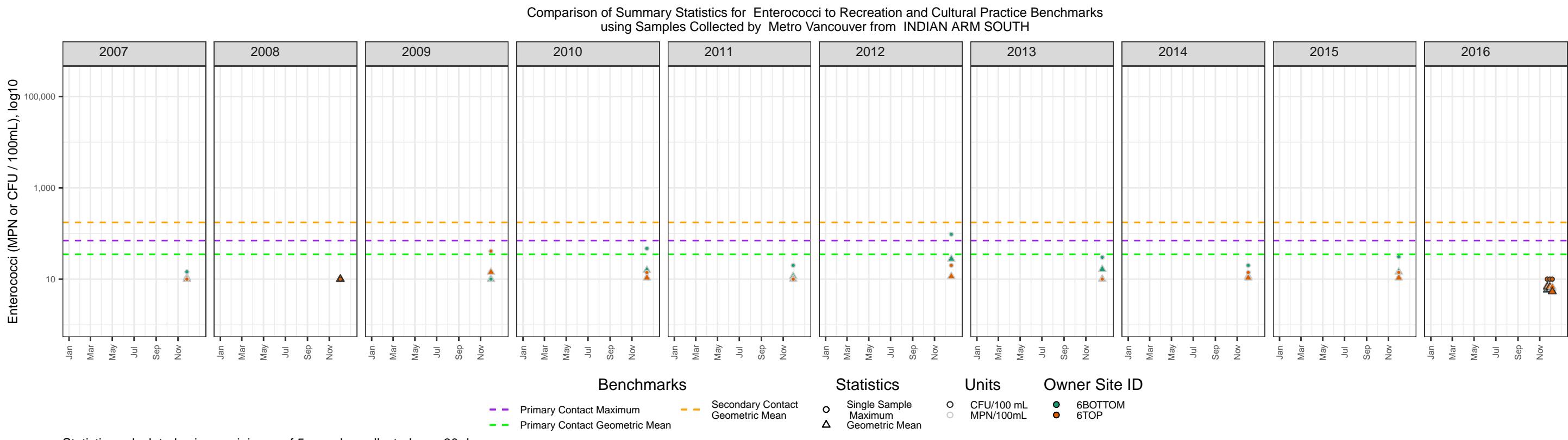


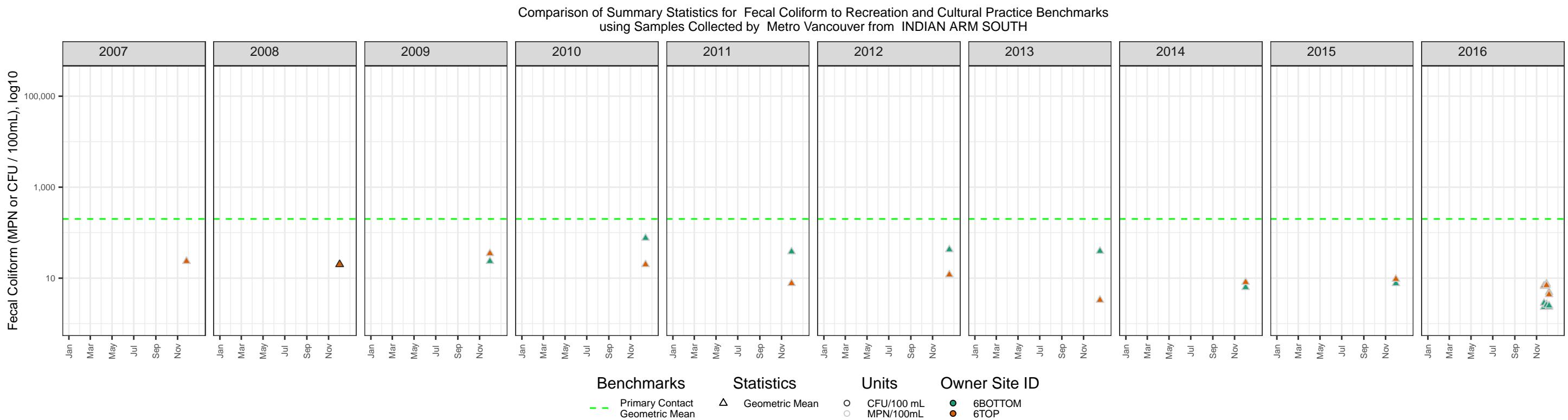
Statistics calculated using a minimum of 5 samples collected over 30 days



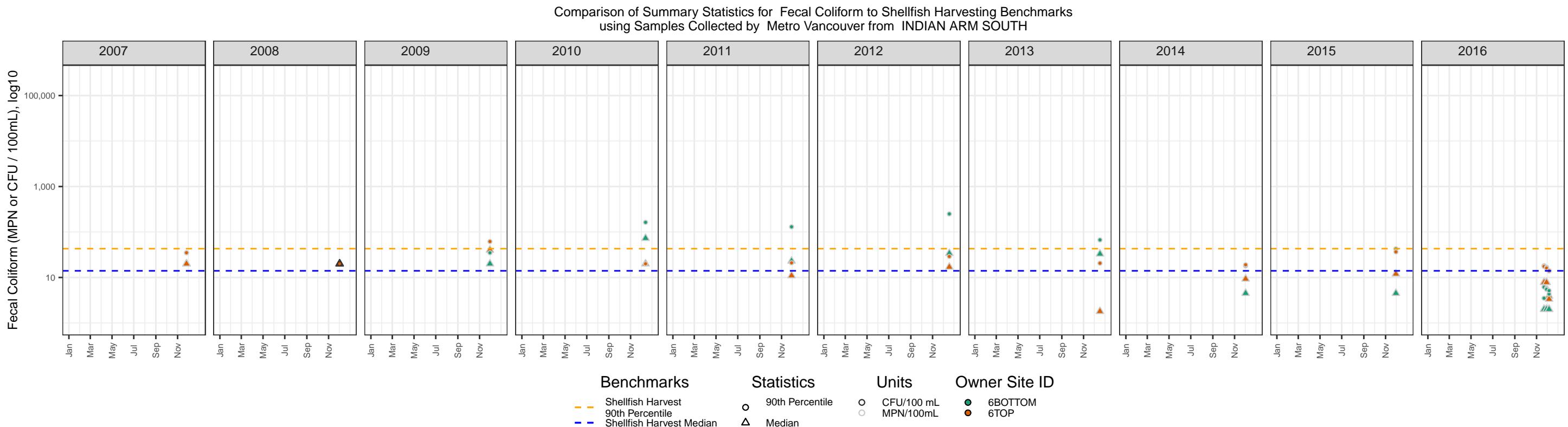
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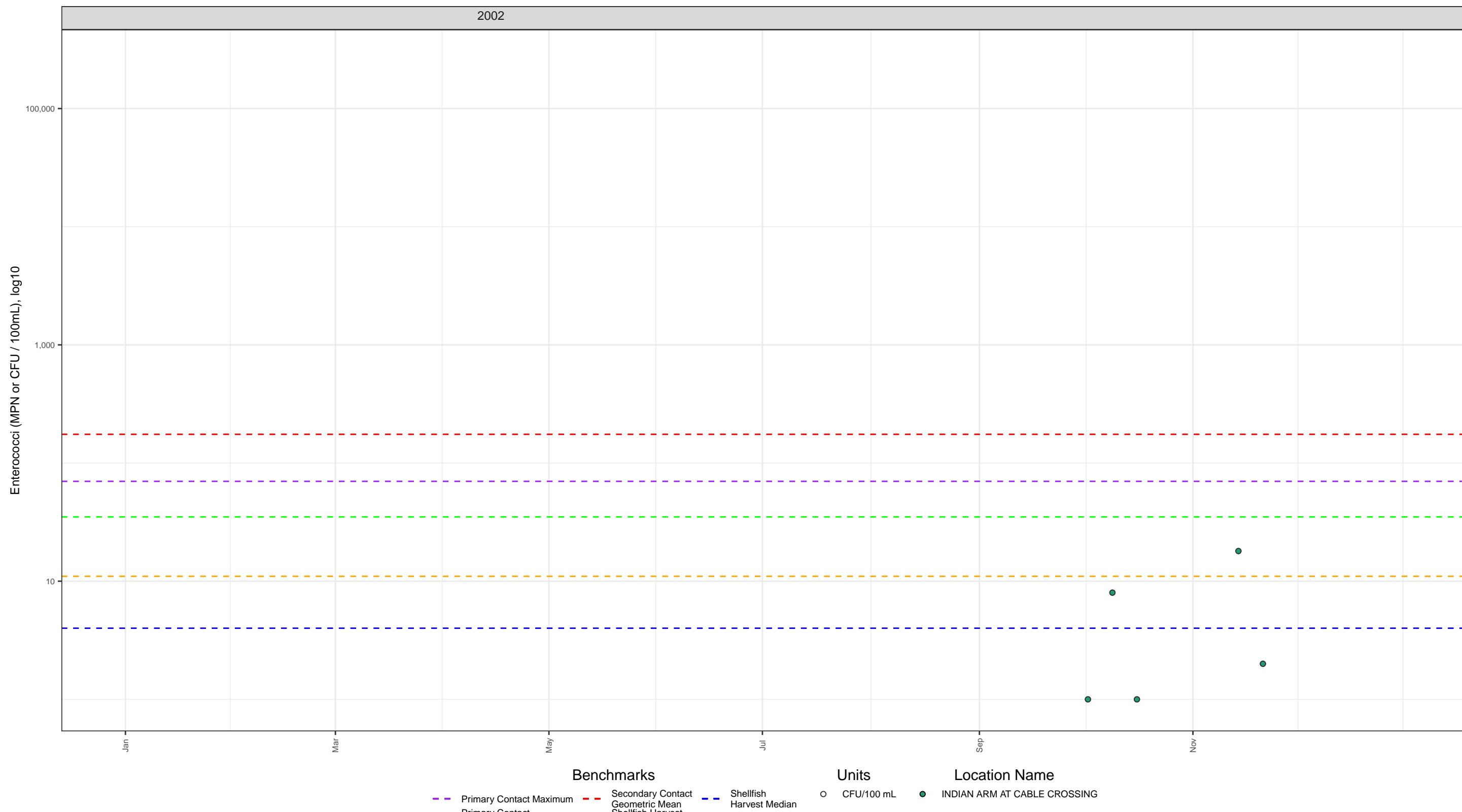
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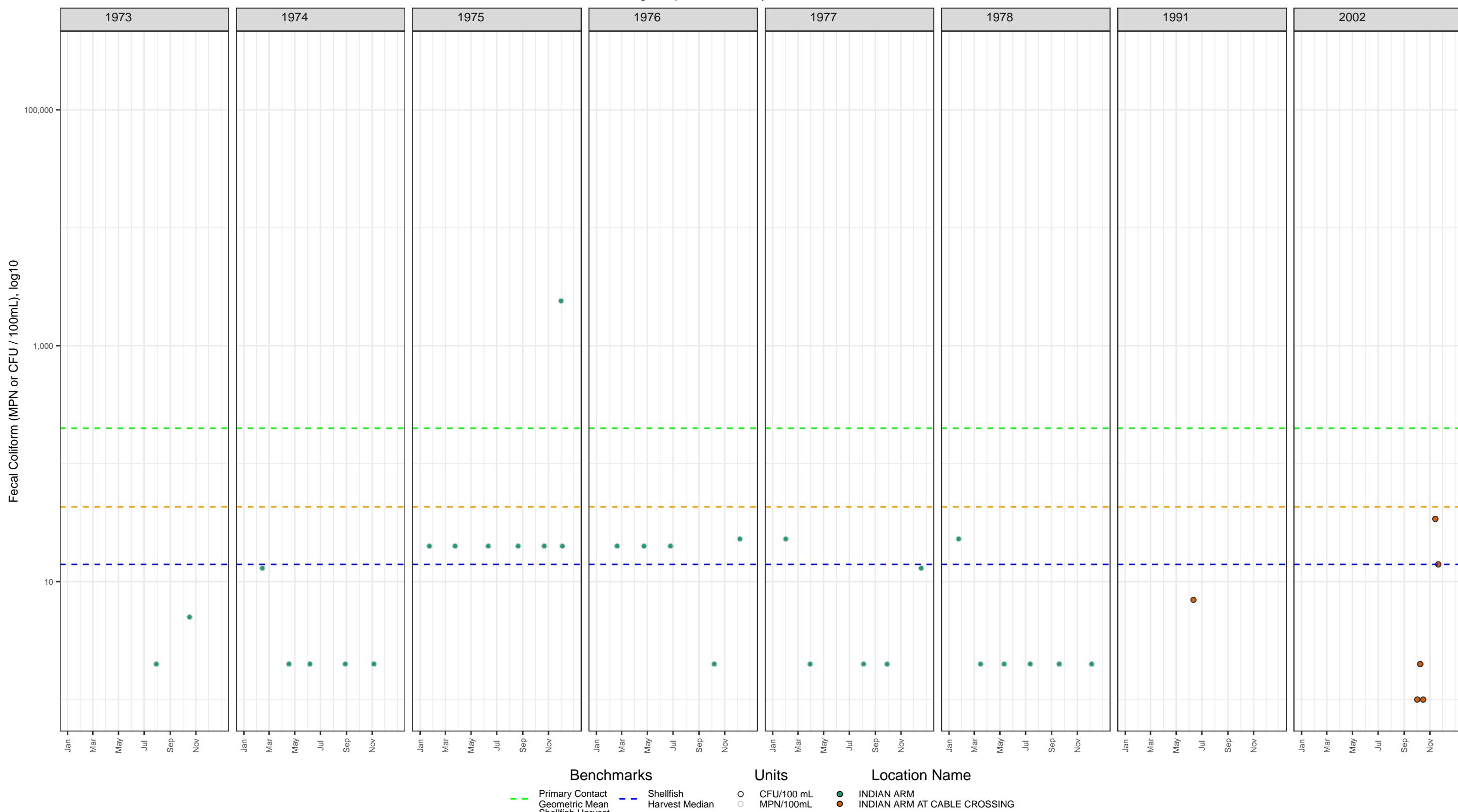
Statistics calculated using a minimum of 5 samples collected over 30 days

Provincial WQOs Attainment Monitoring

Comparison of Individual Samples for Enterococci to Recreation and Cultural Practices, and Shellfish Harvesting Benchmarks,
using Samples Collected by ENV from INDIAN ARM



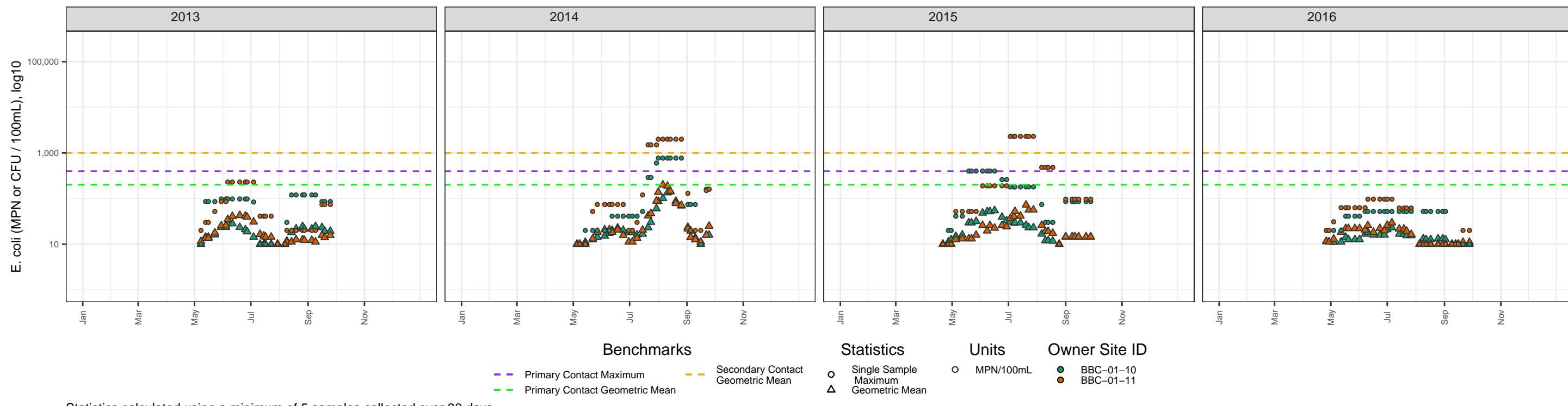
Comparison of Individual Samples for Fecal Coliform to Recreation and Cultural Practices, and Shellfish Harvesting Benchmarks,
using Samples Collected by ENV from INDIAN ARM



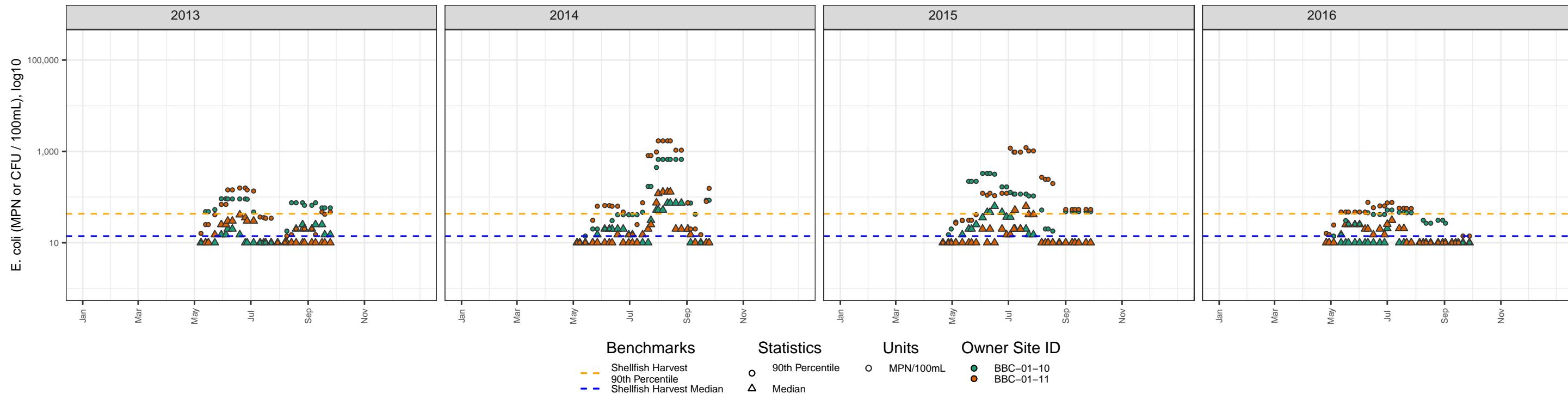
Individual values reported where statistics could not be calculated using a minimum of 5 samples calculated over 30 days

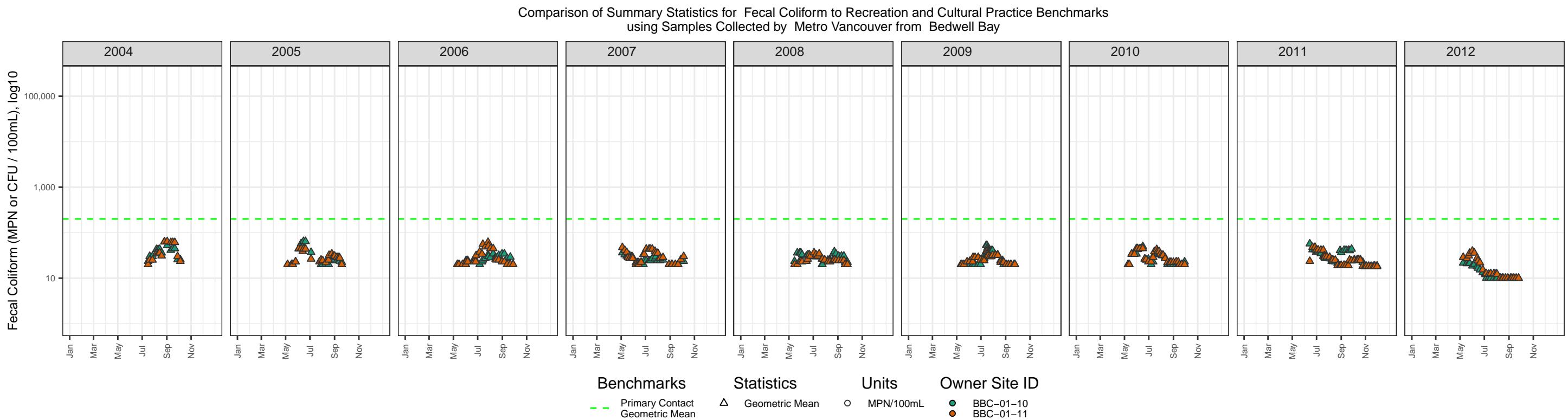
Metro Vancouver's Recreational Water Quality Monitoring Program

Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Bedwell Bay

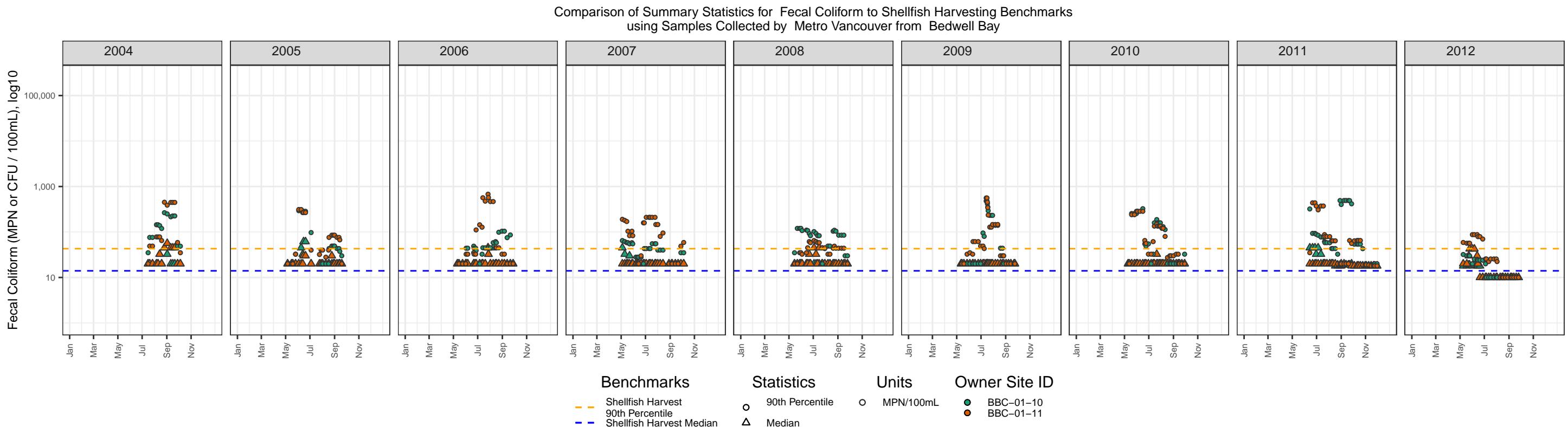


Comparison of Summary Statistics for E. coli to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from Bedwell Bay



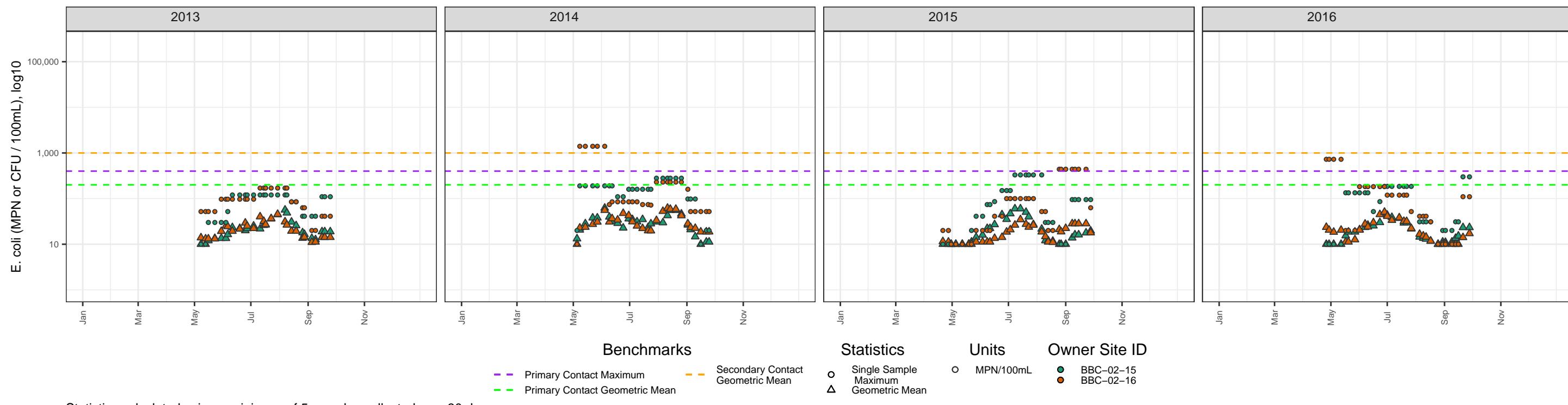


Statistics calculated using a minimum of 5 samples collected over 30 days

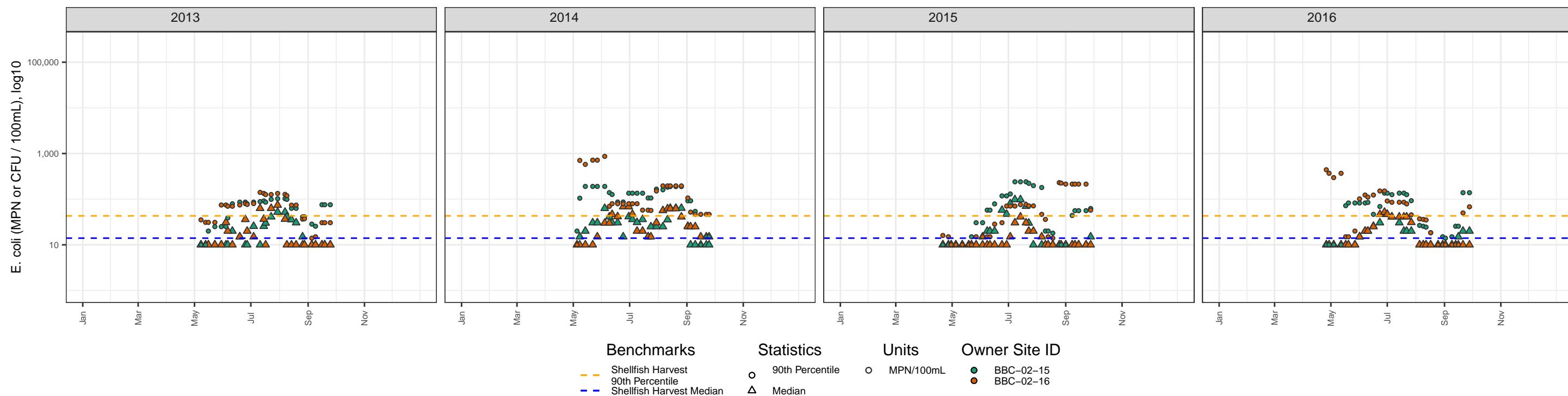


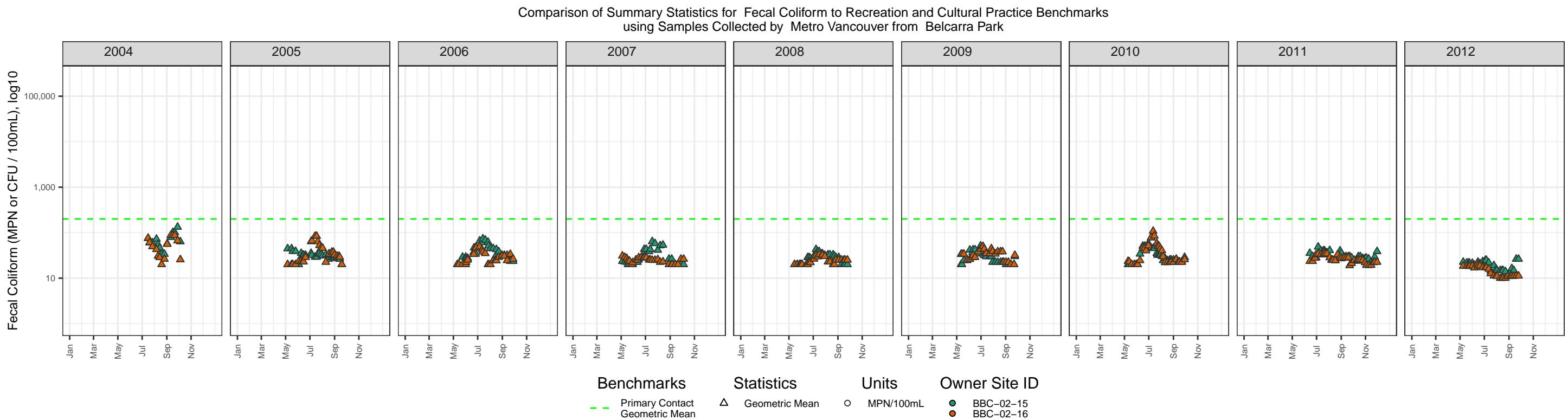
Statistics calculated using a minimum of 5 samples collected over 30 days

Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Belcarra Park

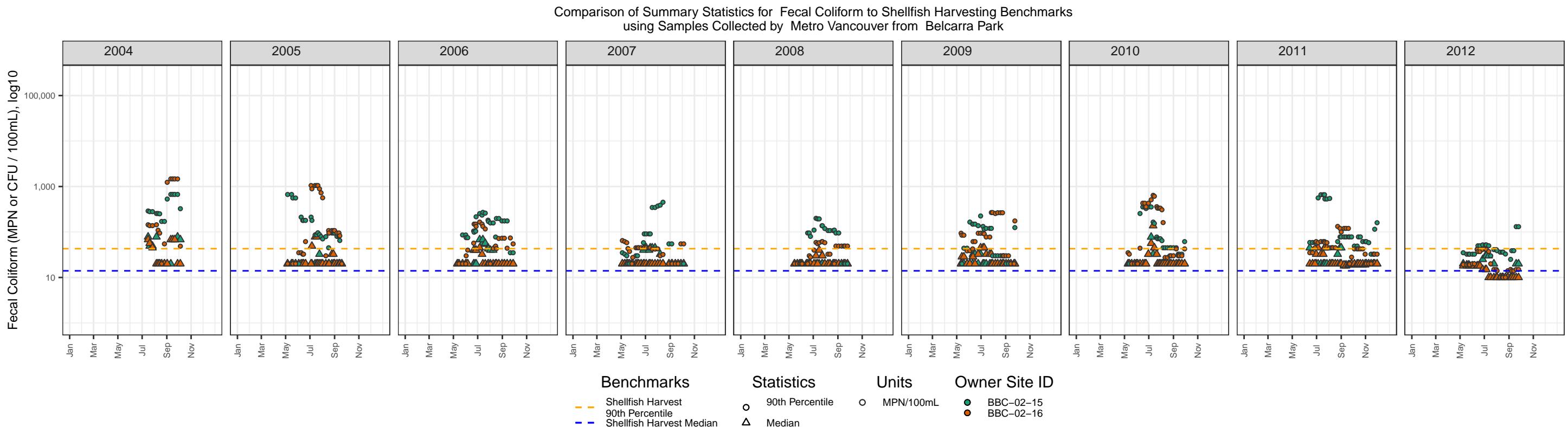


Comparison of Summary Statistics for E. coli to Shellfish Harvesting Benchmarks
using Samples Collected by Metro Vancouver from Belcarra Park



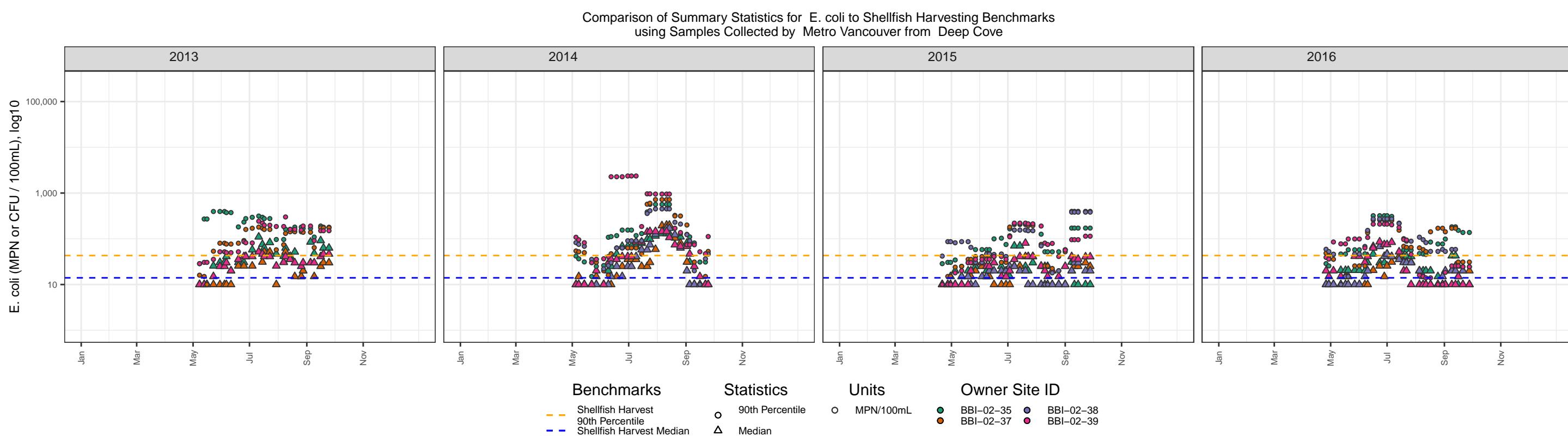
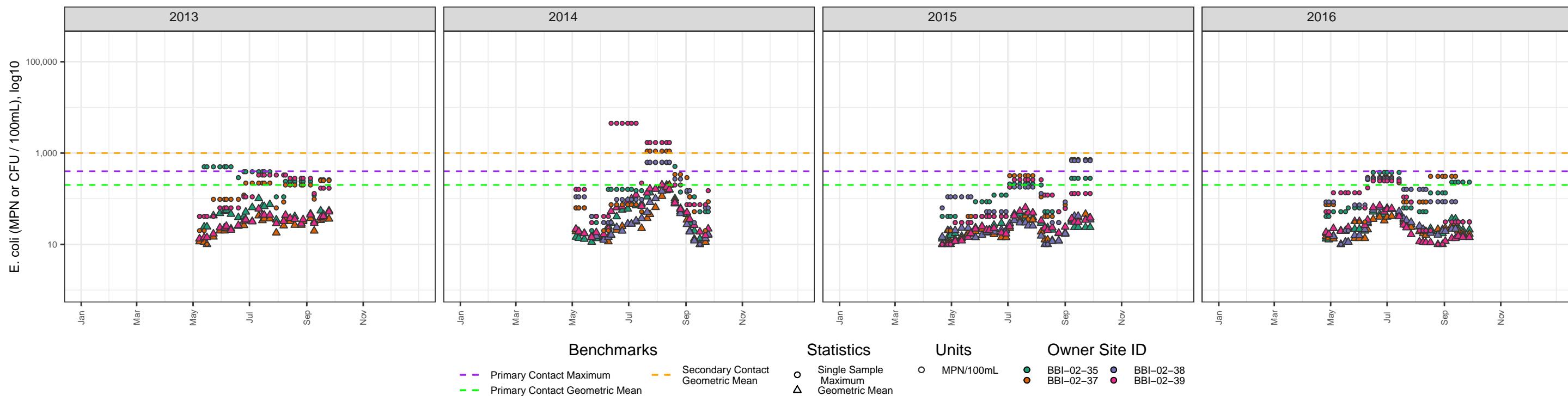


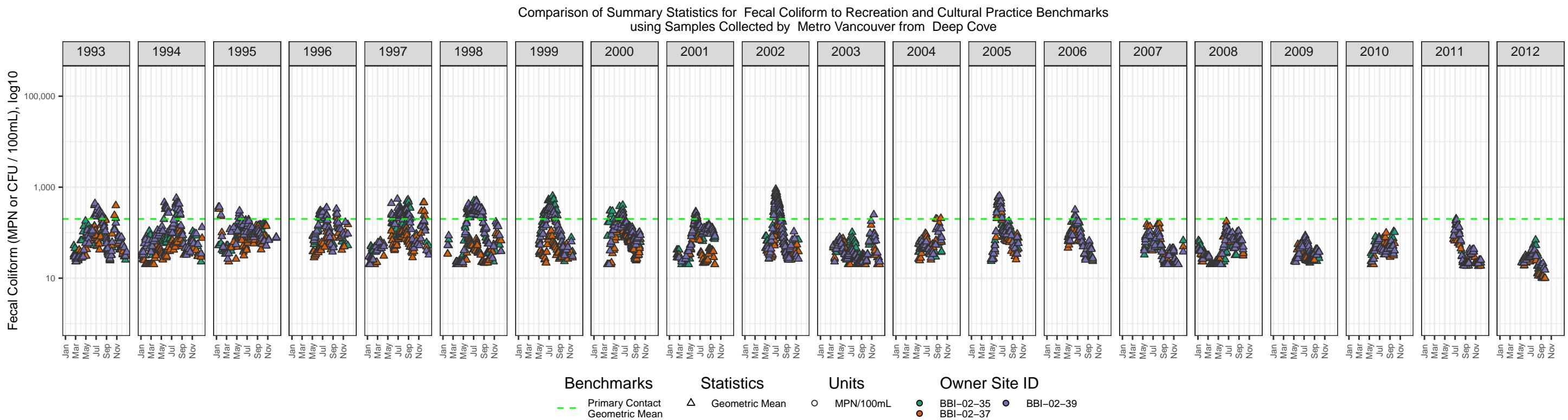
Statistics calculated using a minimum of 5 samples collected over 30 days



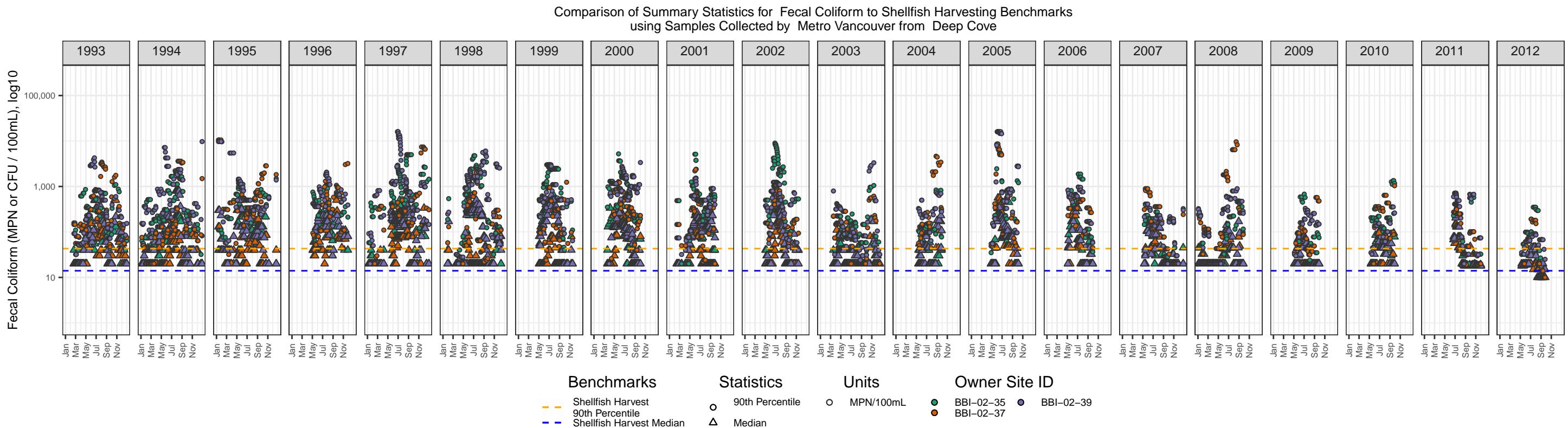
Statistics calculated using a minimum of 5 samples collected over 30 days

Comparison of Summary Statistics for E. coli to Recreation and Cultural Practice Benchmarks
using Samples Collected by Metro Vancouver from Deep Cove





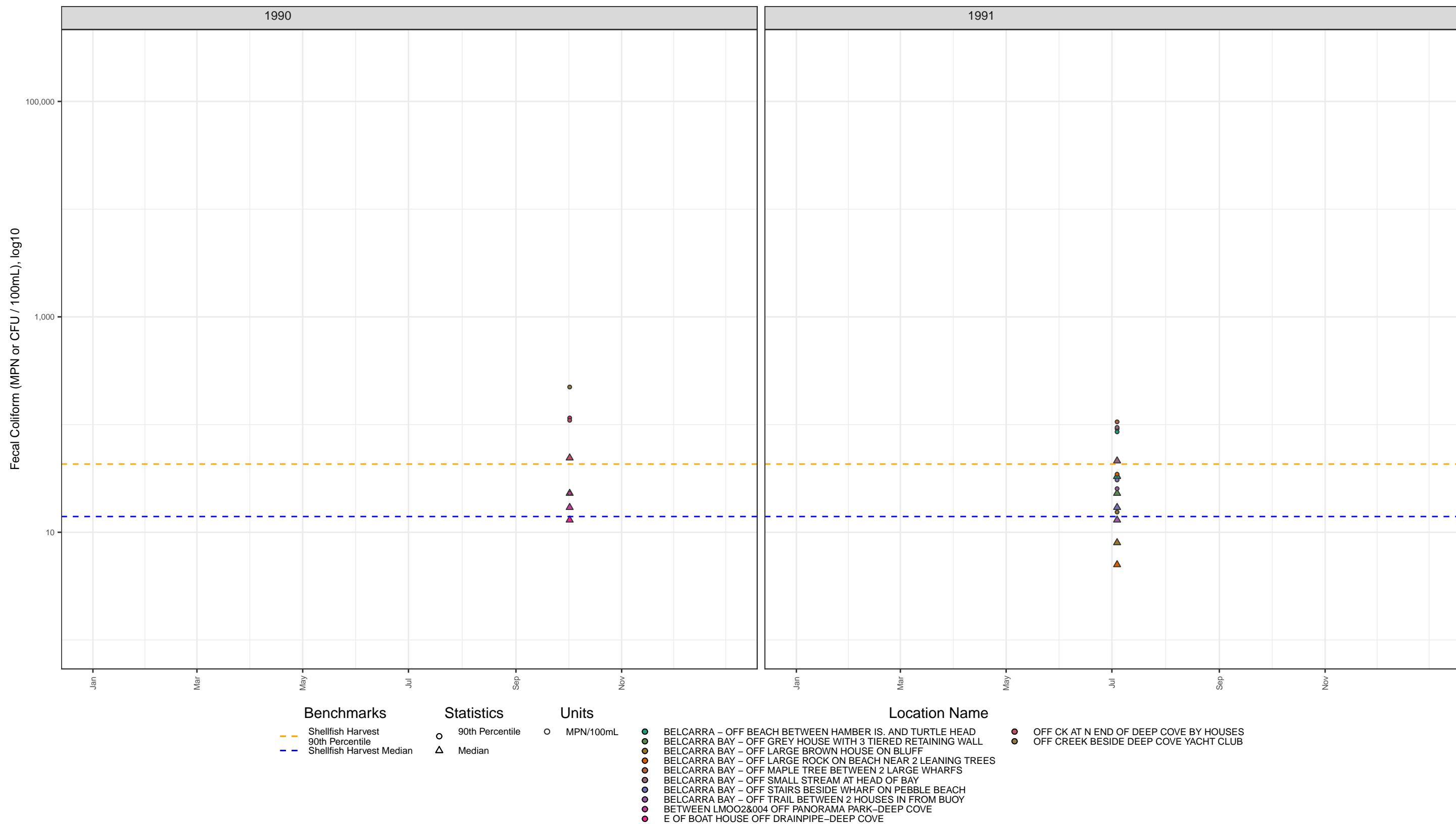
Statistics calculated using a minimum of 5 samples collected over 30 days



Statistics calculated using a minimum of 5 samples collected over 30 days

Canadian Shellfish Sanitation Program

Comparison of Summary Statistics for Fecal Coliform to Shellfish Harvesting Benchmarks
using Samples Collected by ECCC from INDIAN ARM



Statistics calculated using a minimum of 5 samples collected over 30 days