WATER QUALITY DATA

June 2019

Electrical Conductivity
June 2019

Maximum Allowable Limit
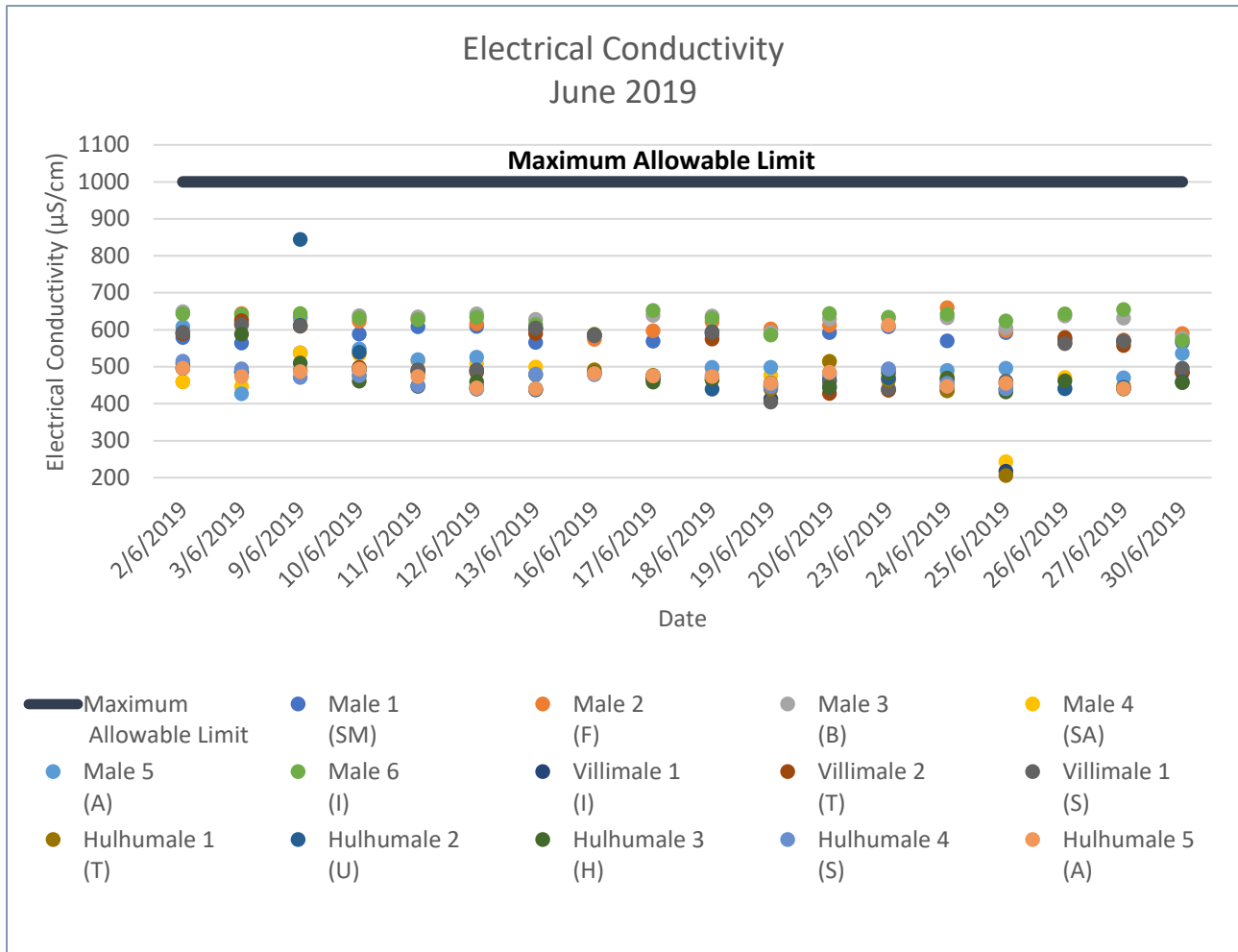
Note:

Above are the results of Electrical Conductivity of the water supplied by MWSC within Male', Hulhumale' and Villimale' for the month of June 2019.
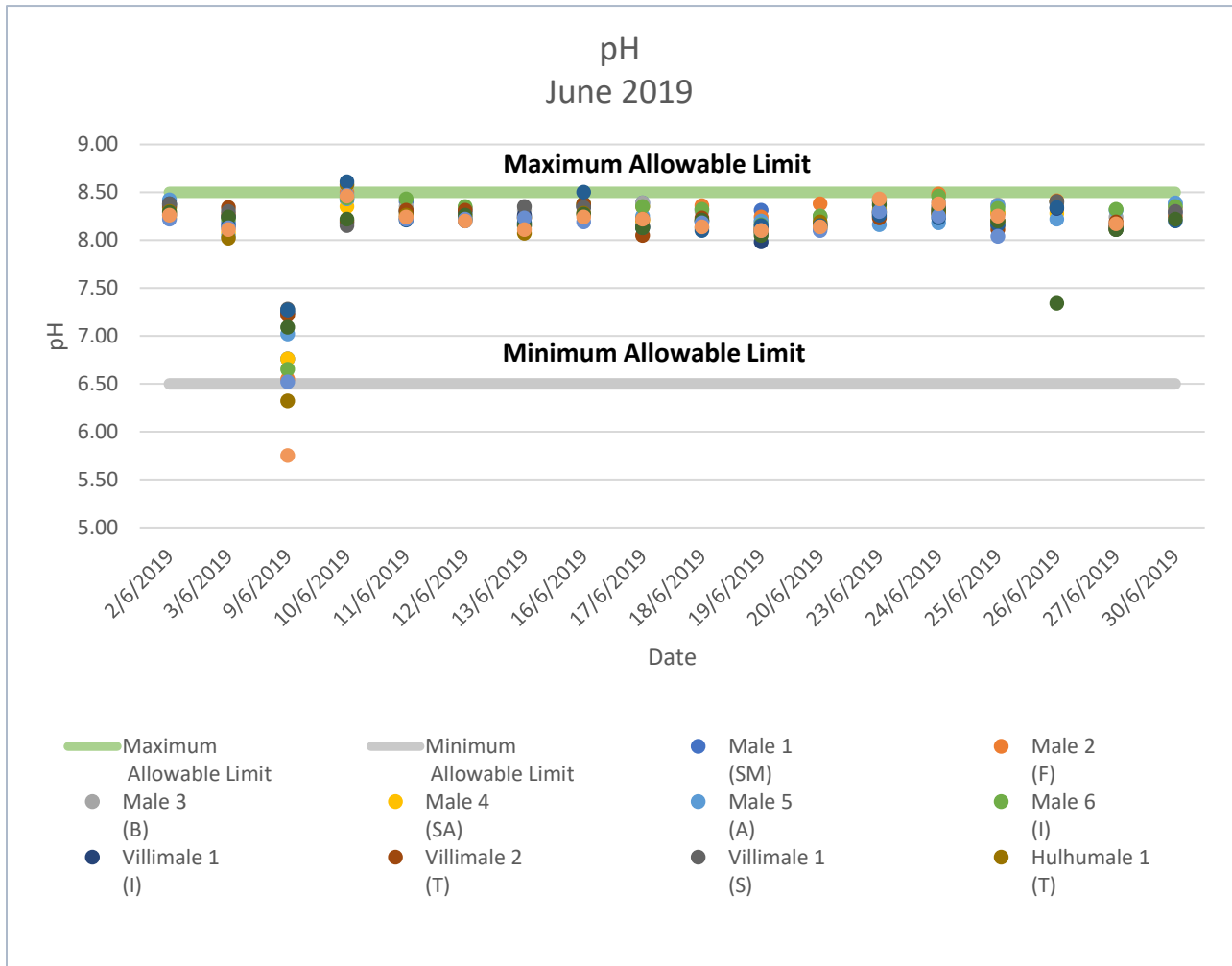
Total Number of samples: 242
Number of samples that comply to EPA standard: 242

100% of the samples tested were within the recommended range.
_____

Electrical conductivity (EC) is a good indicator of the total salinity
The maximum allowable range for Electrical conductivity is < 1000 µS/cm
Water with EC below <700 µS/cm is considered ideal for drinking
Water with EC above >1500 µS/cm can make the water saltier

WATER QUALITY DATA
June 2019

EPA

pH
June 2019

Maximum Allowable Limit

Minimum Allowable Limit

pH (y-axis): 9.00, 8.50, 8.00, 7.50, 7.00, 6.50, 6.00, 5.50, 5.00

Date (x-axis): 2/6/2019, 3/6/2019, 9/6/2019, 10/6/2019, 11/6/2019, 12/6/2019, 13/6/2019, 16/6/2019, 17/6/2019, 18/6/2019, 19/6/2019, 20/6/2019, 23/6/2019, 24/6/2019, 25/6/2019, 26/6/2019, 27/6/2019, 30/6/2019

Legend:
- Maximum Allowable Limit
- Minimum Allowable Limit
- Male 1 (SM)
- Male 2 (F)
- Male 3 (B)
- Male 4 (SA)
- Male 5 (A)
- Male 6 (I)
- Villimale 1 (I)
- Villimale 2 (T)
- Villimale 1 (S)
- Hulhumale 1 (T)

Note:

Above are the results of pH obtained for the water supplied by MWSC within Male', Hulhumale' and Villimale' for the month of June 2019.
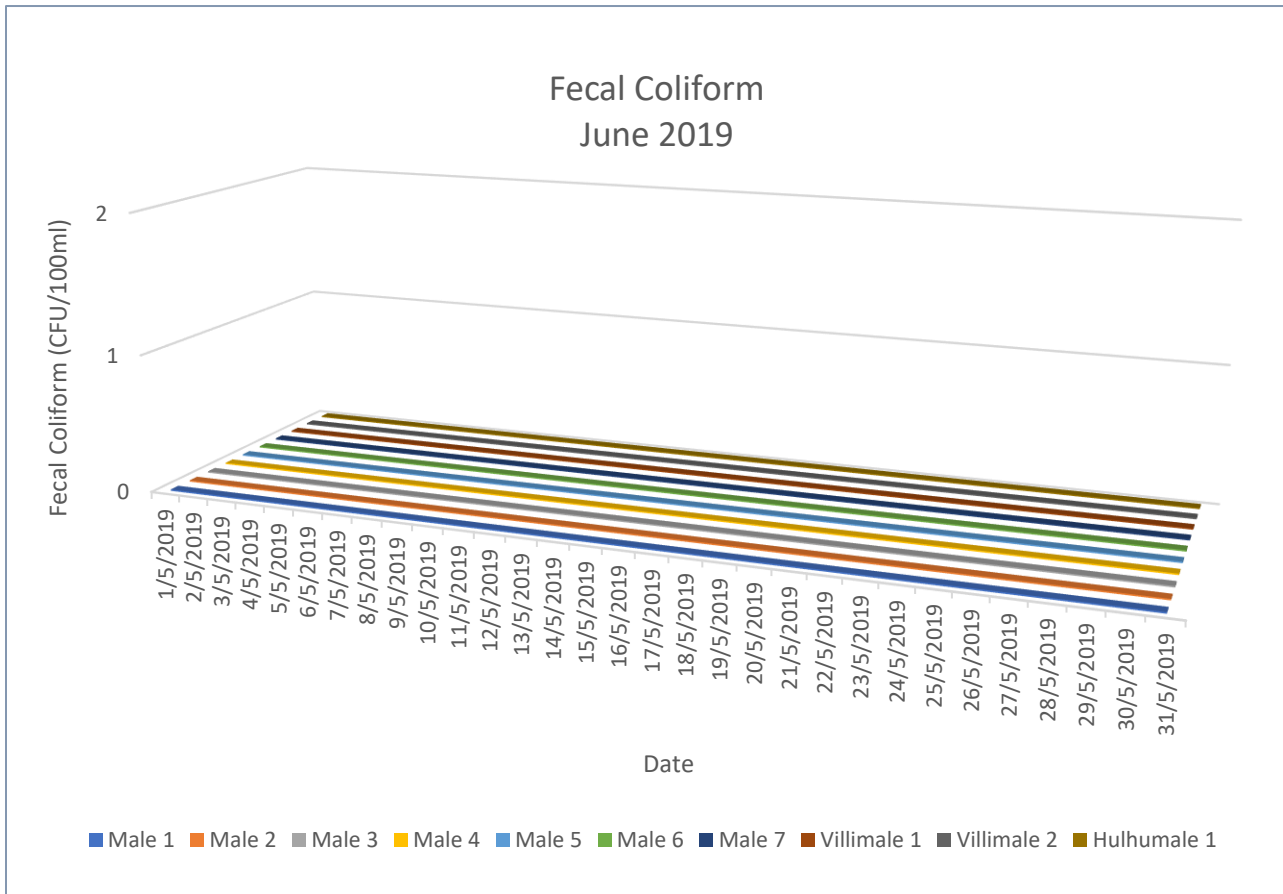
Total Number of samples: 242
Number of samples that comply to EPA standard: 237

97.9% of the samples tested were within the recommended range.
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pH value is a good indicator of whether water is hard or soft and the corrosivity of water
The maximum allowable range for pH is 6.5 - 8.5
Water quality with pH ranging from 5 - 6 can have little effect on taste does not have any effects on health
Water quality with pH < 4 and pH >10 can have health impacts

WATER QUALITY DATA
June 2019

Fecal Coliform
June 2019

Note:

Above are the results of Fecal Coliform obtained for the water supplied by MWSC within Male', Hulhumale' and Villimale' for the month of June 2019.

Total Number of samples: 310
Number of samples that comply to EPA standard: 310

100% of the samples tested were within the recommended range.
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Fecal coliform is a good indicator of the presence of fecal pollution in water
The maximum allowable limit for fecal coliform is 0
Water quality with fecal coliform ranging from 1 - 10 is unlikely to have Clinical Infections
Water quality with fecal coliform ranging from 10 - 100 can have Clinical Infections
Water quality with fecal coliform >100 can have serious health effects