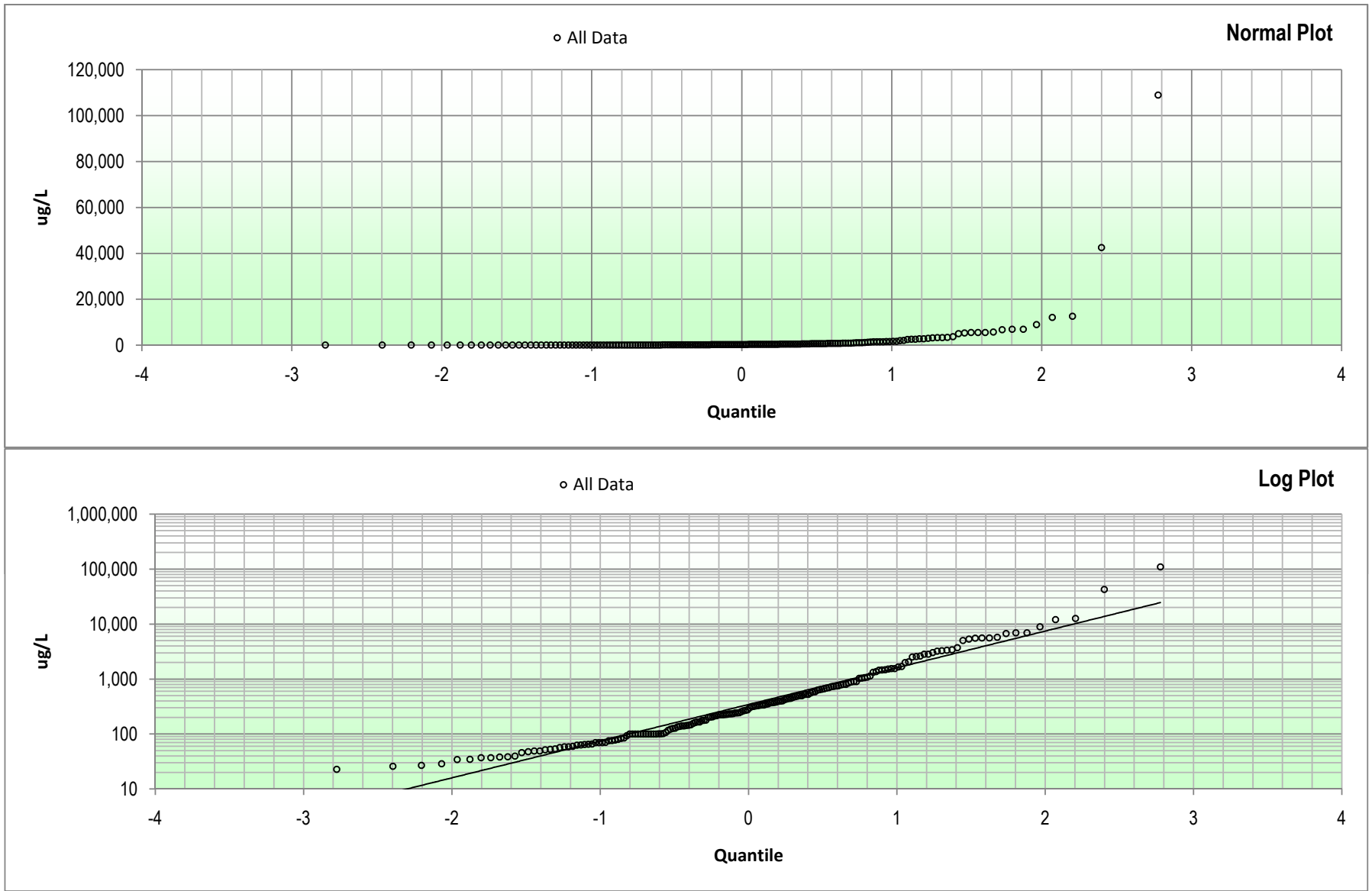


**Appendix E**  
**Water Quality**  
**Quantile Plots**



Concentrations reported below detection posted at the detection limit.

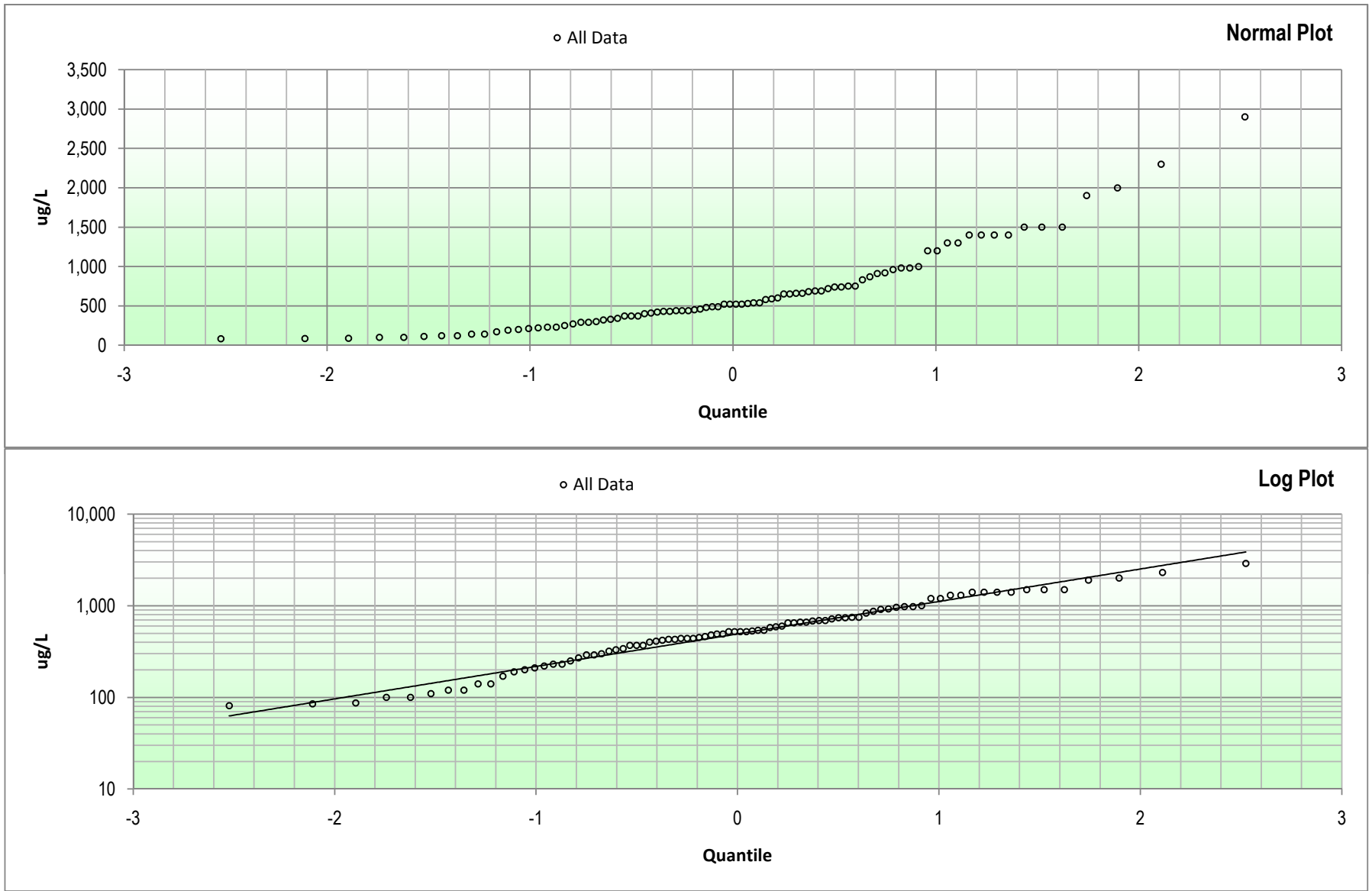
**Figure E-1: Aluminum Quantile Plots**

Hydrogeologic Investigation and Groundwater Modeling Report

Battlefield Golf Club

Chesapeake, Virginia

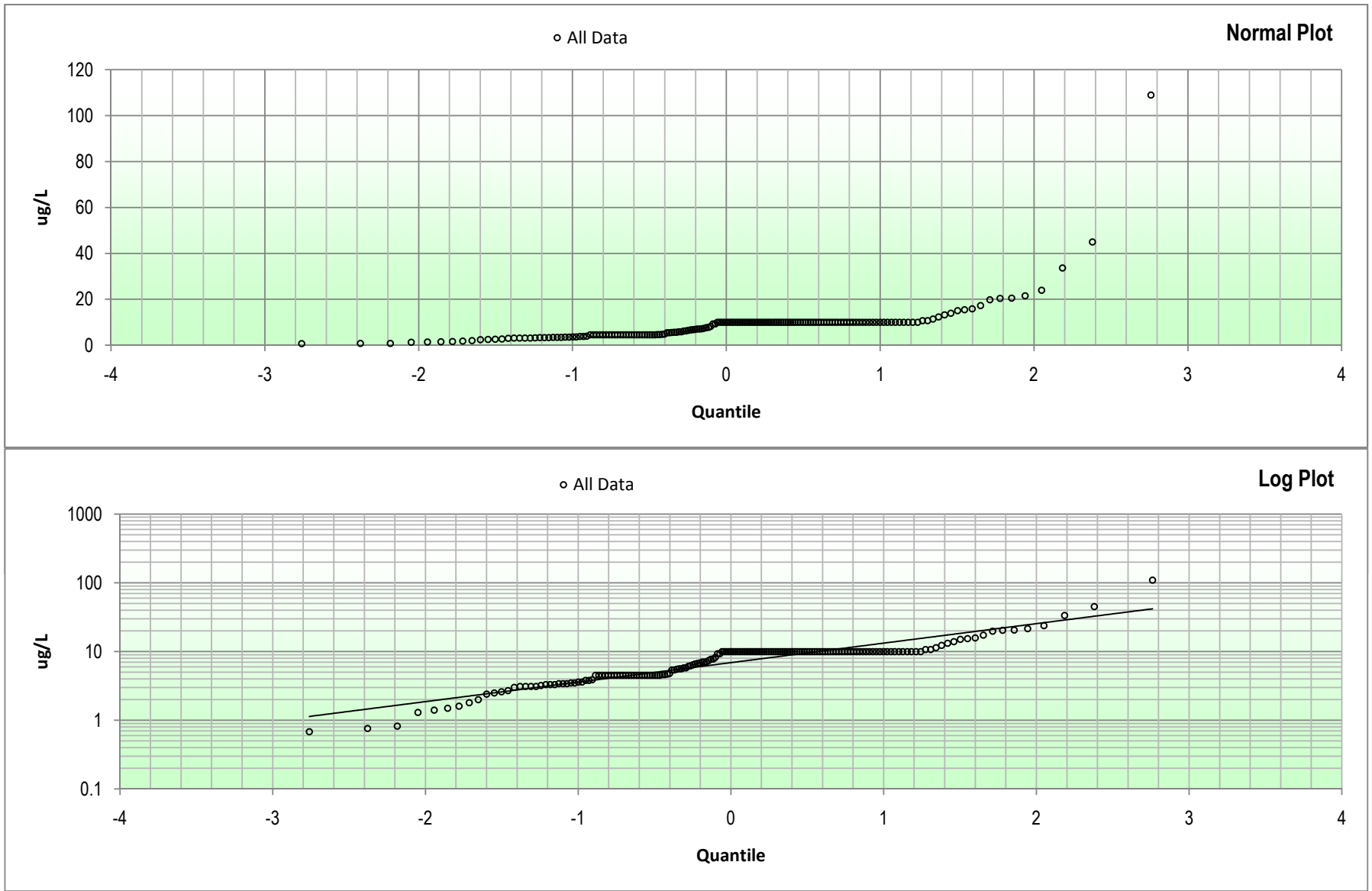




Concentrations reported below detection posted at the detection limit.



**Figure E-2: Ammonia-N Quantile Plots**  
 Hydrogeologic Investigation and Groundwater Modeling Report  
 Battlefield Golf Club  
 Chesapeake, Virginia



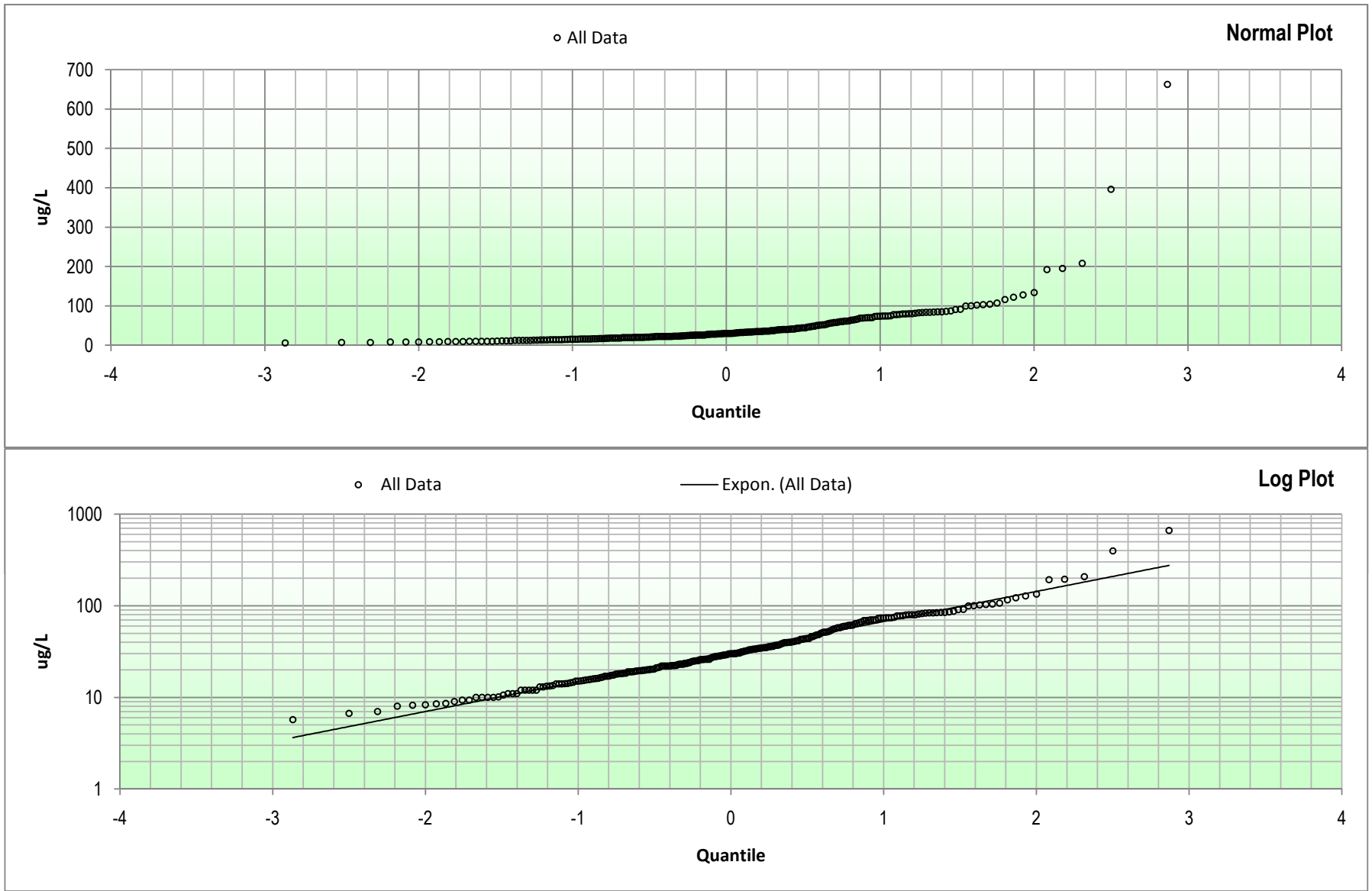
Concentrations reported below detection posted at the detection limit.

**Figure E-3: Arsenic Quantile Plots**

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Chesapeake, Virginia



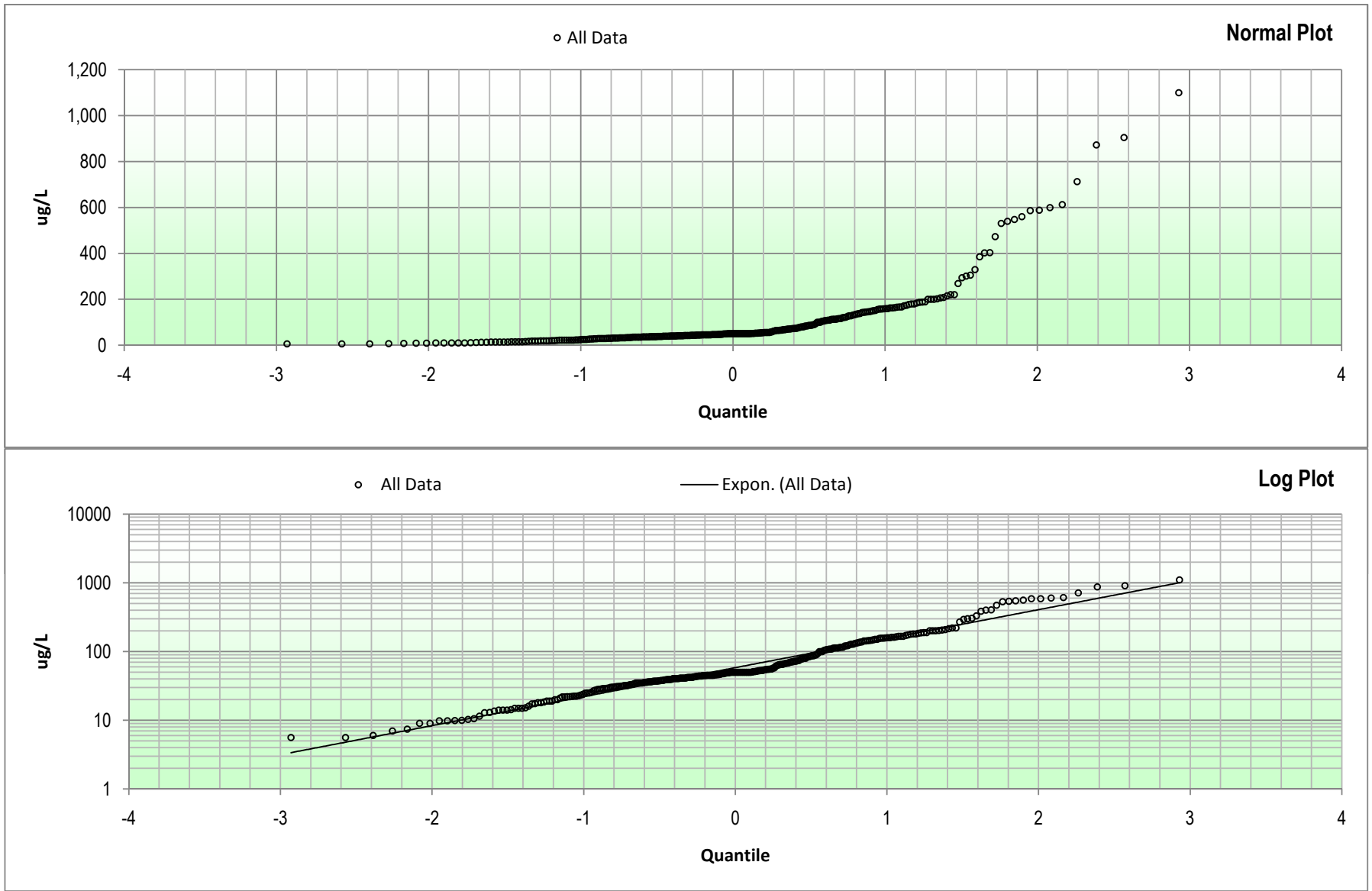
Concentrations reported below detection posted at the detection limit.

**Figure E-4: Barium Quantile Plots**

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Battlefield Golf Club

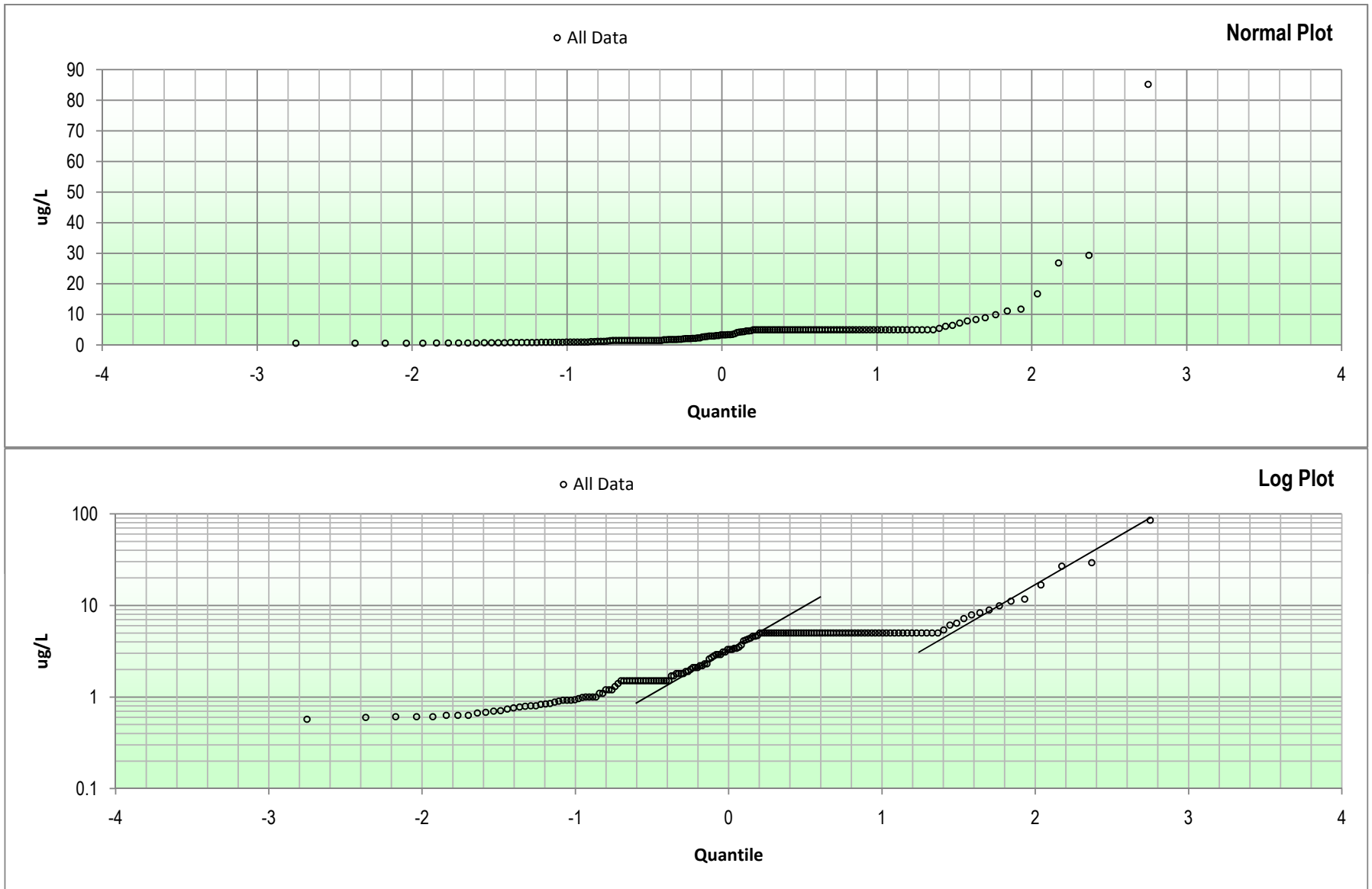
Chesapeake, Virginia



Concentrations reported below detection posted at the detection limit.



**Figure E-5: Boron Quantile Plots**  
 Hydrogeologic Investigation and Groundwater Modeling Report  
 Battlefield Golf Club  
 Chesapeake, Virginia



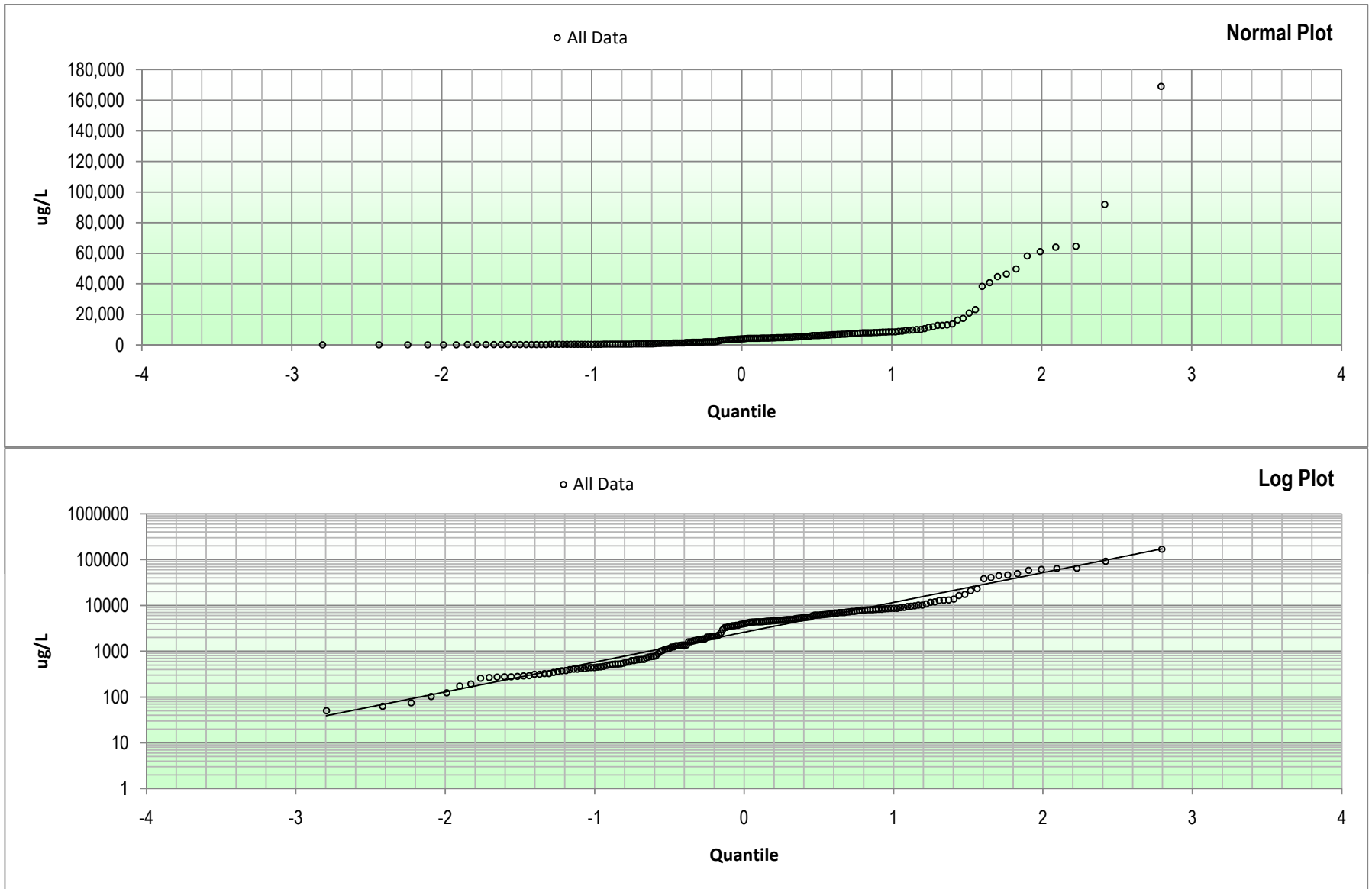
Concentrations reported below detection posted at the detection limit.

**Figure E-6: Chromium Quantile Plots**

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Chesapeake, Virginia



Concentrations reported below detection posted at the detection limit.

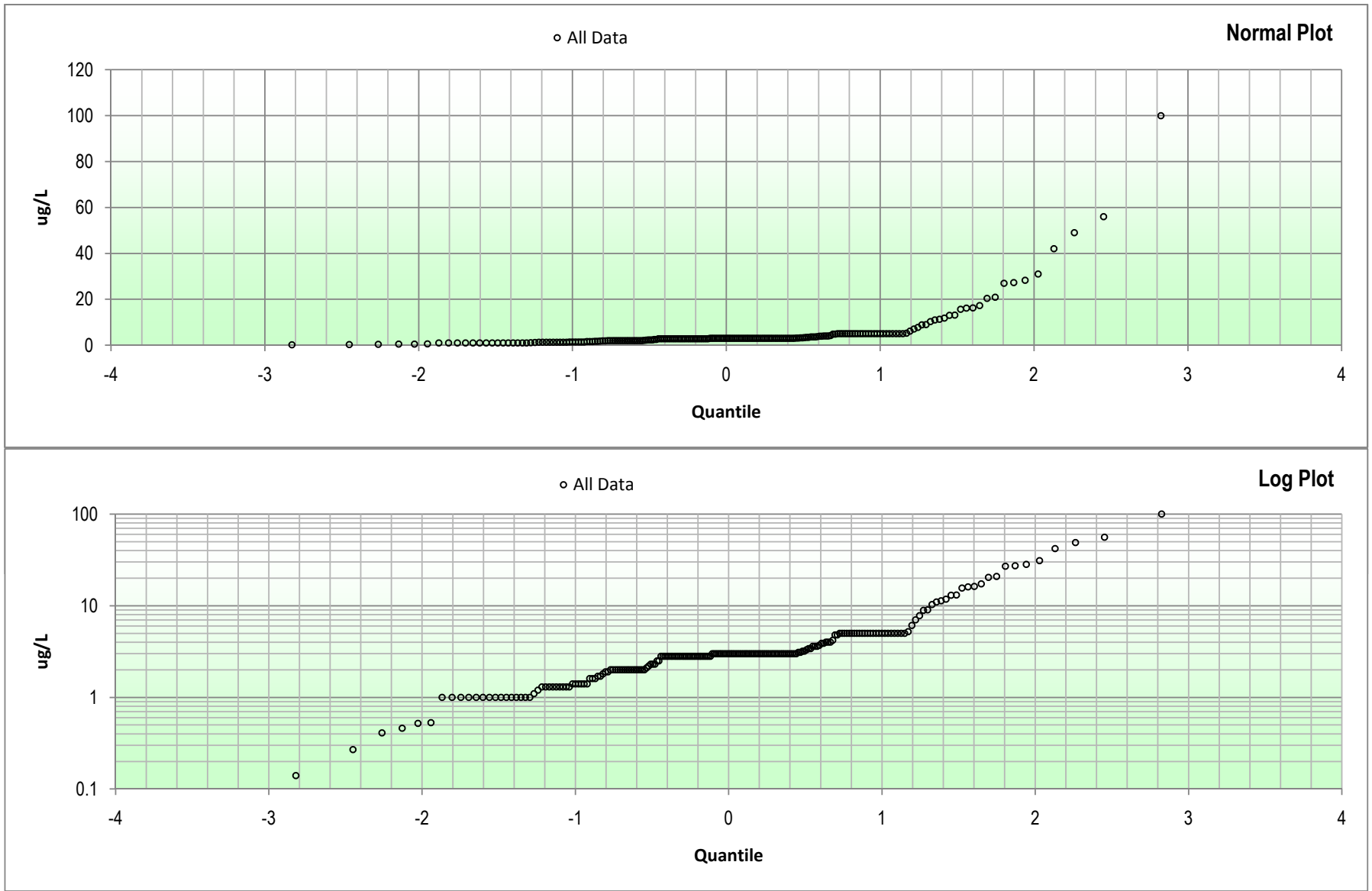
**Figure E-7: Iron Quantile Plots**

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Battlefield Golf Club

Chesapeake, Virginia





Concentrations reported below detection posted at the detection limit.

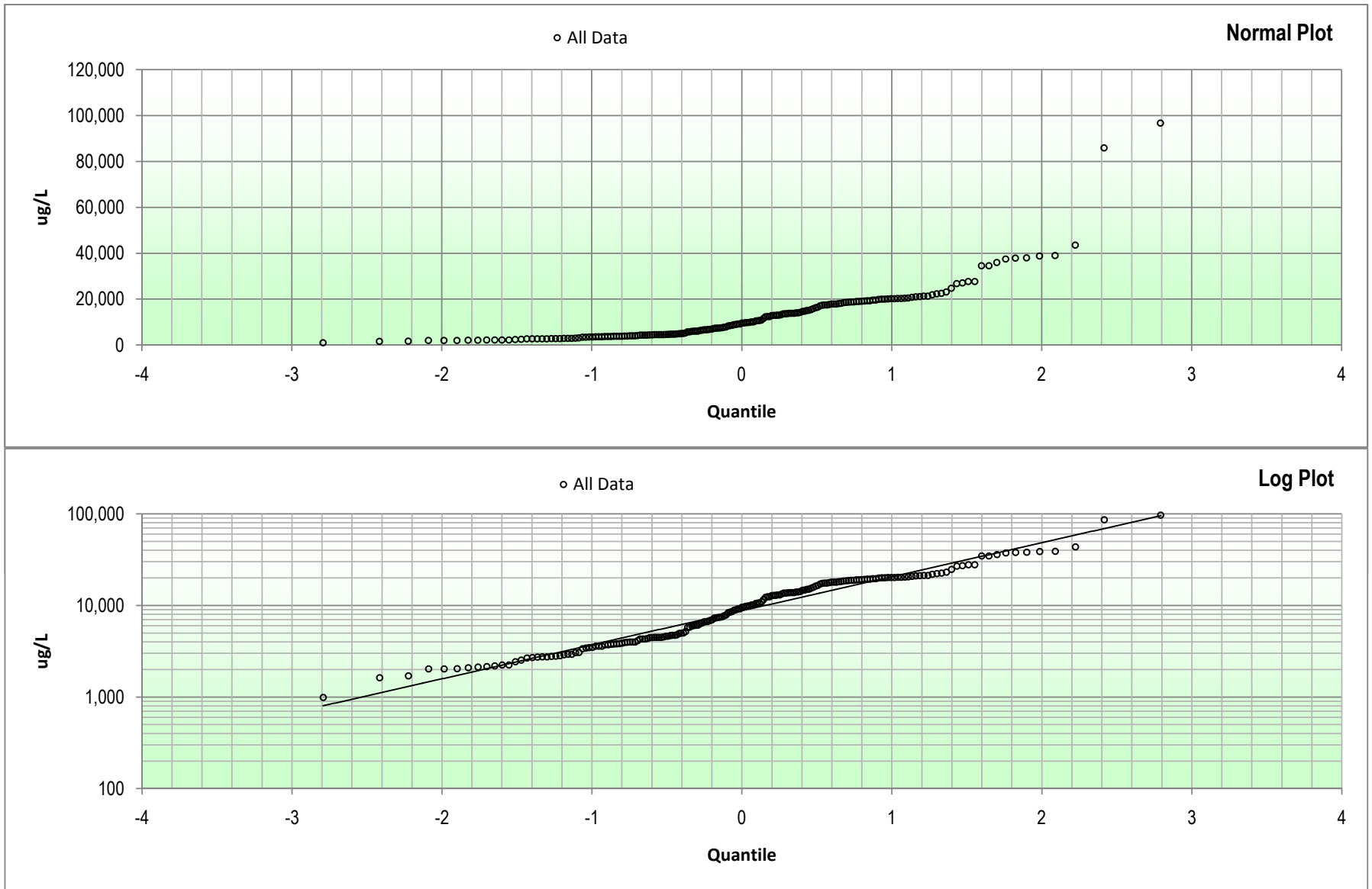
**Figure E-8: Lead Quantile Plots**

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Battlefield Golf Club

Chesapeake, Virginia





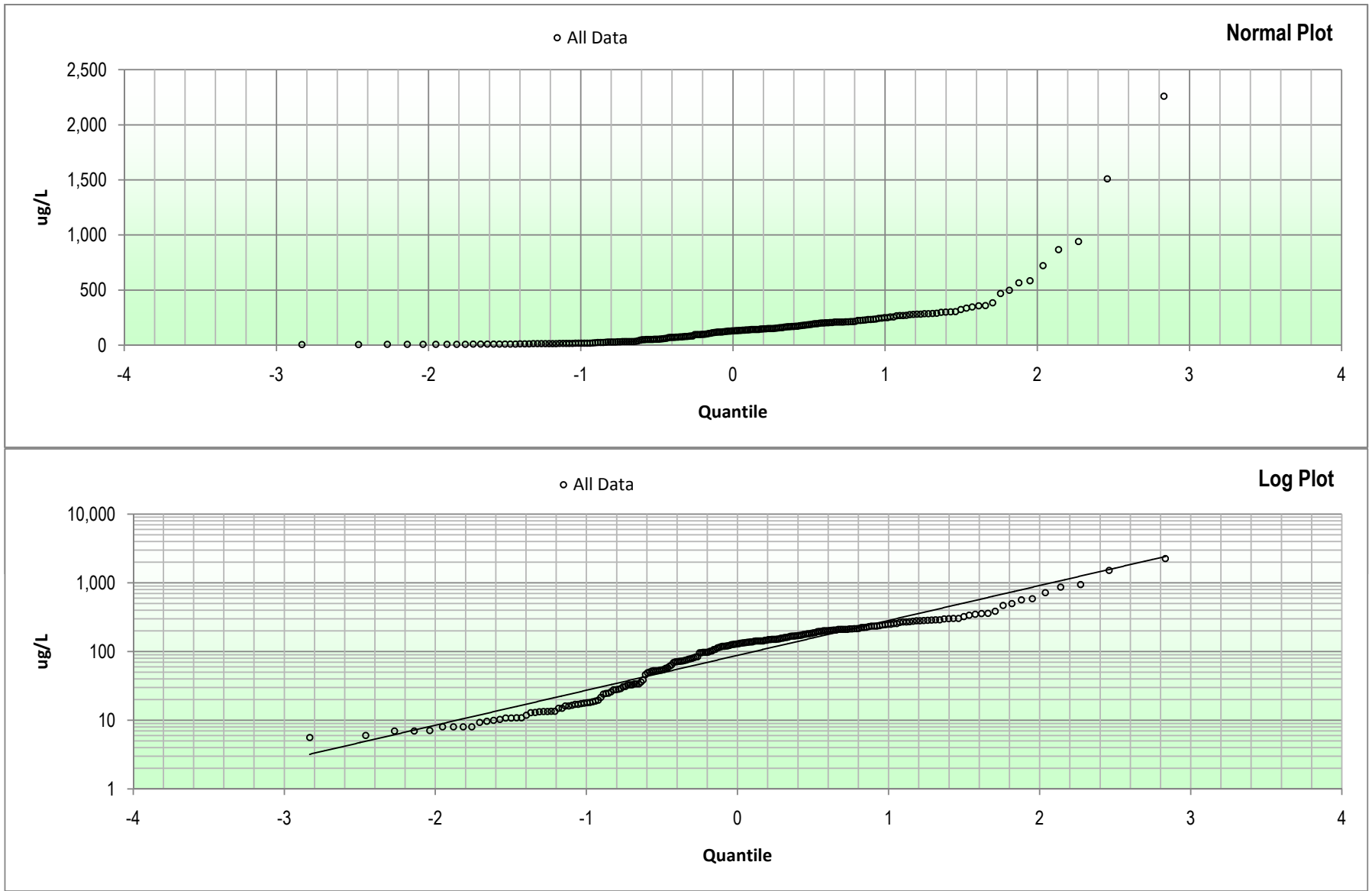
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**Figure E-9: Magnesium Quantile Plots**

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Chesapeake, Virginia



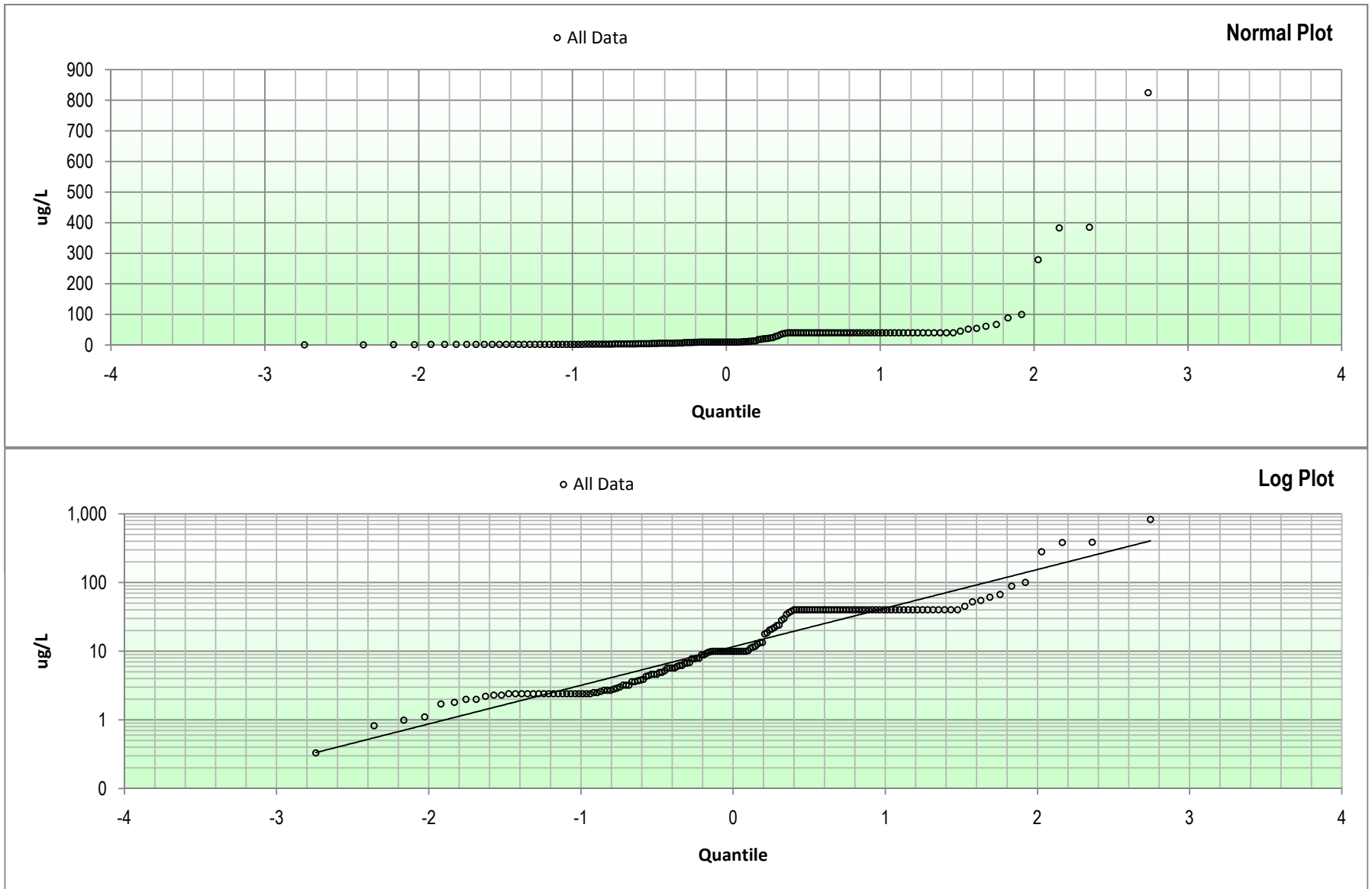
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**Figure E-10: Manganese Quantile Plots**

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Chesapeake, Virginia



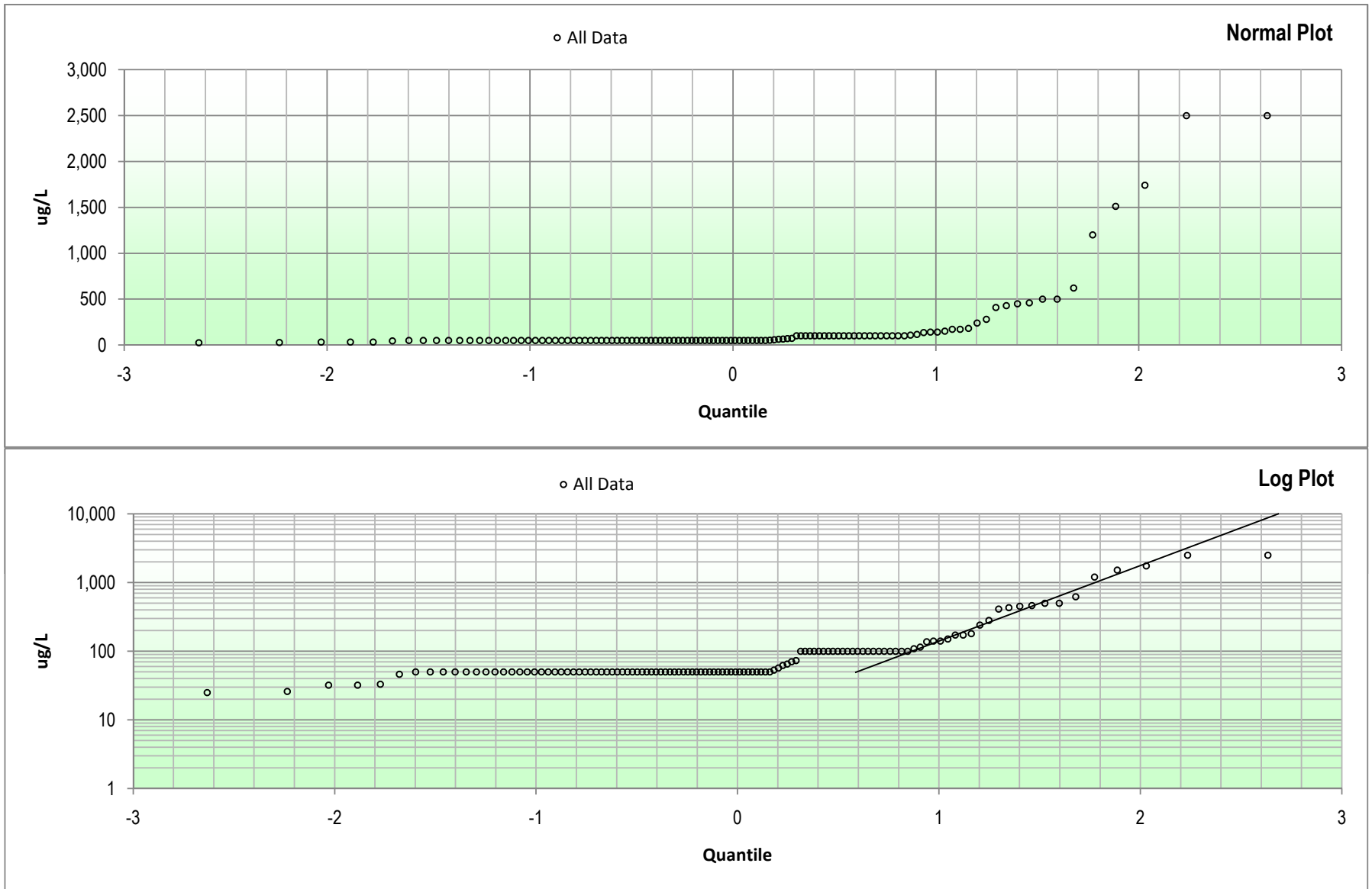
Concentrations reported below detection posted at the detection limit.

**Figure E-11: Nickel Quantile Plots**

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Chesapeake, Virginia



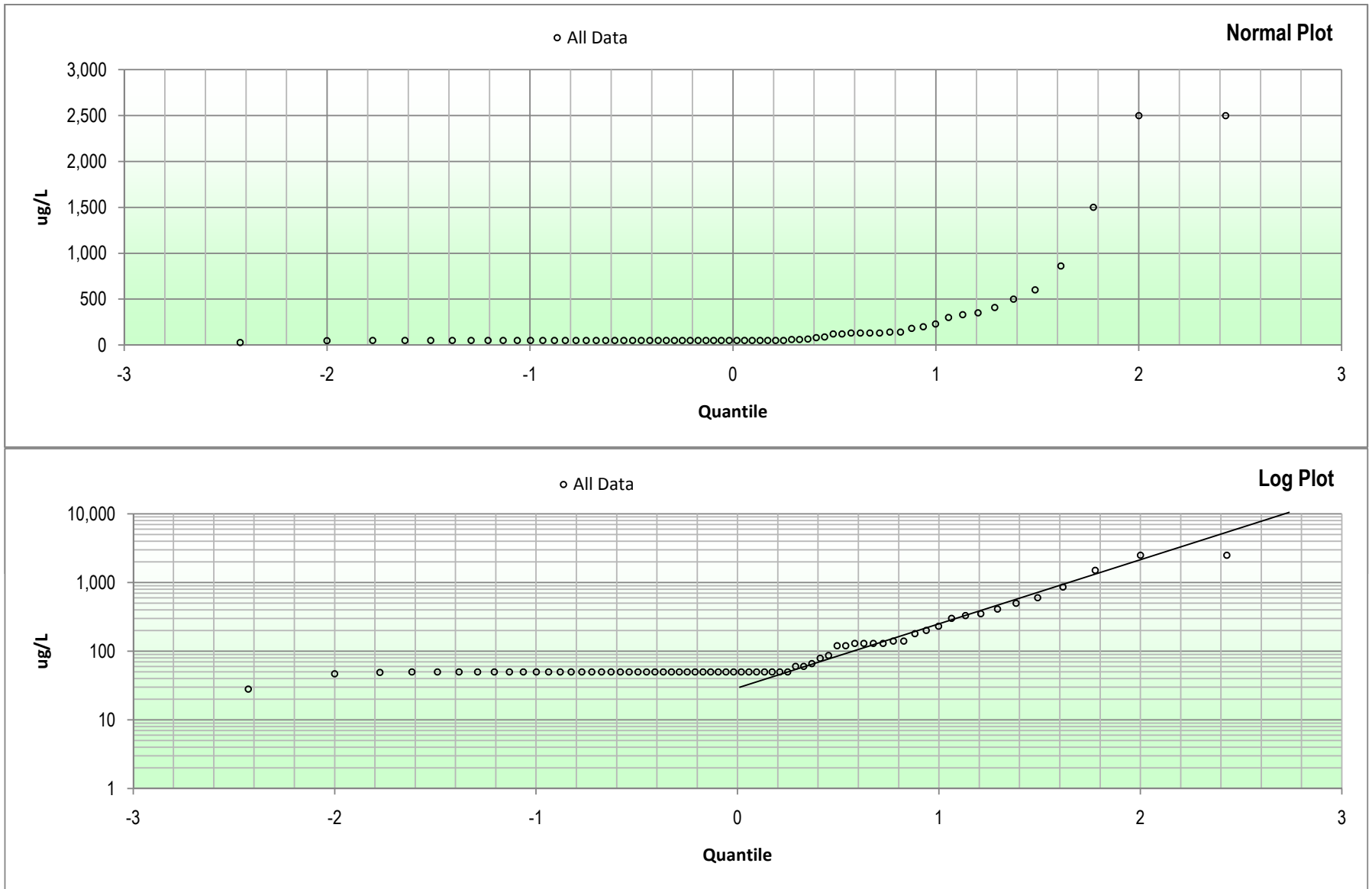
Concentrations reported below detection posted at the detection limit.

**Figure E-12: Nitrate Quantile Plots**

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Concentrations reported below detection posted at the detection limit.

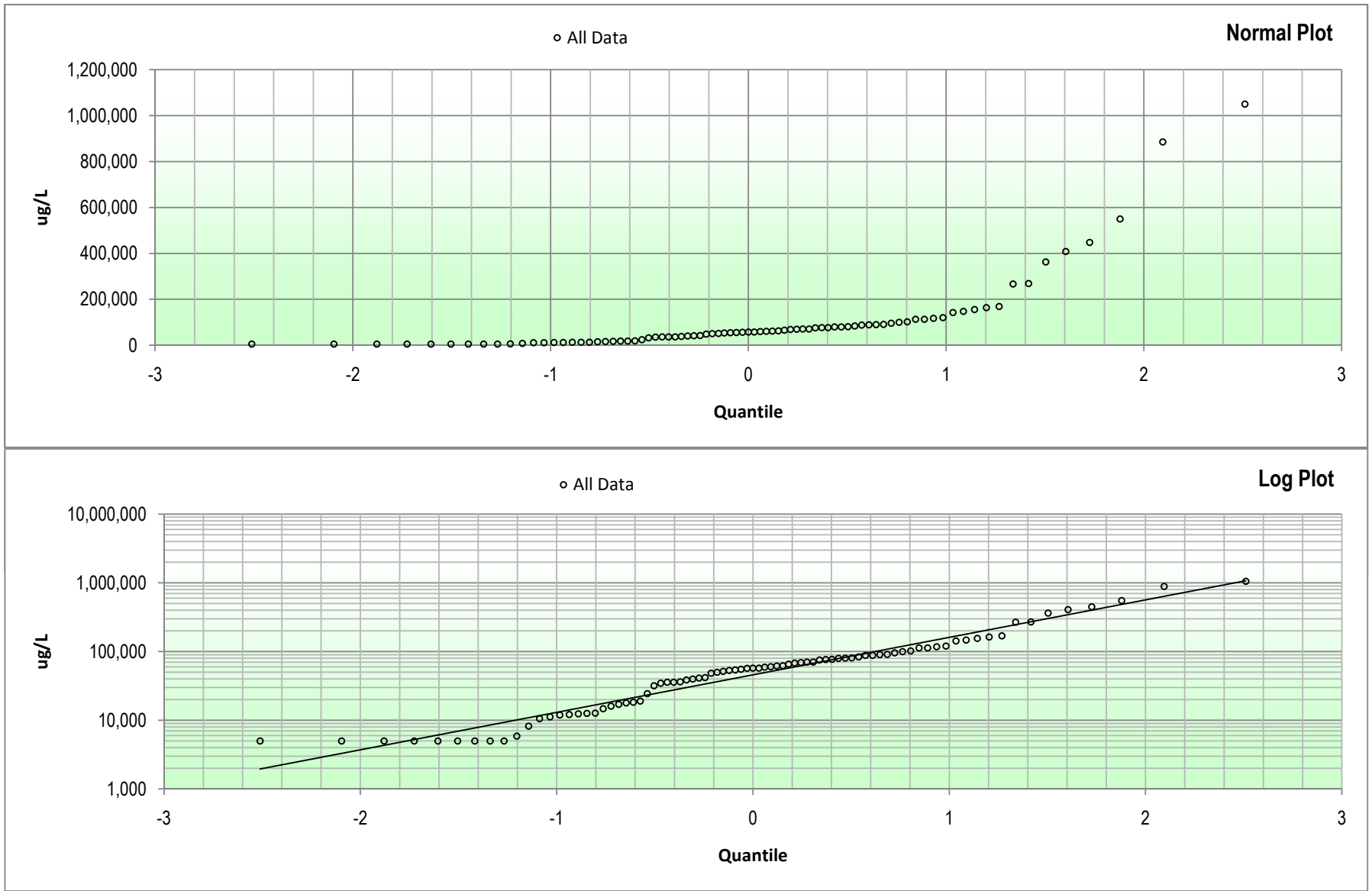
**Figure E-13: Nitrite Quantile Plots**

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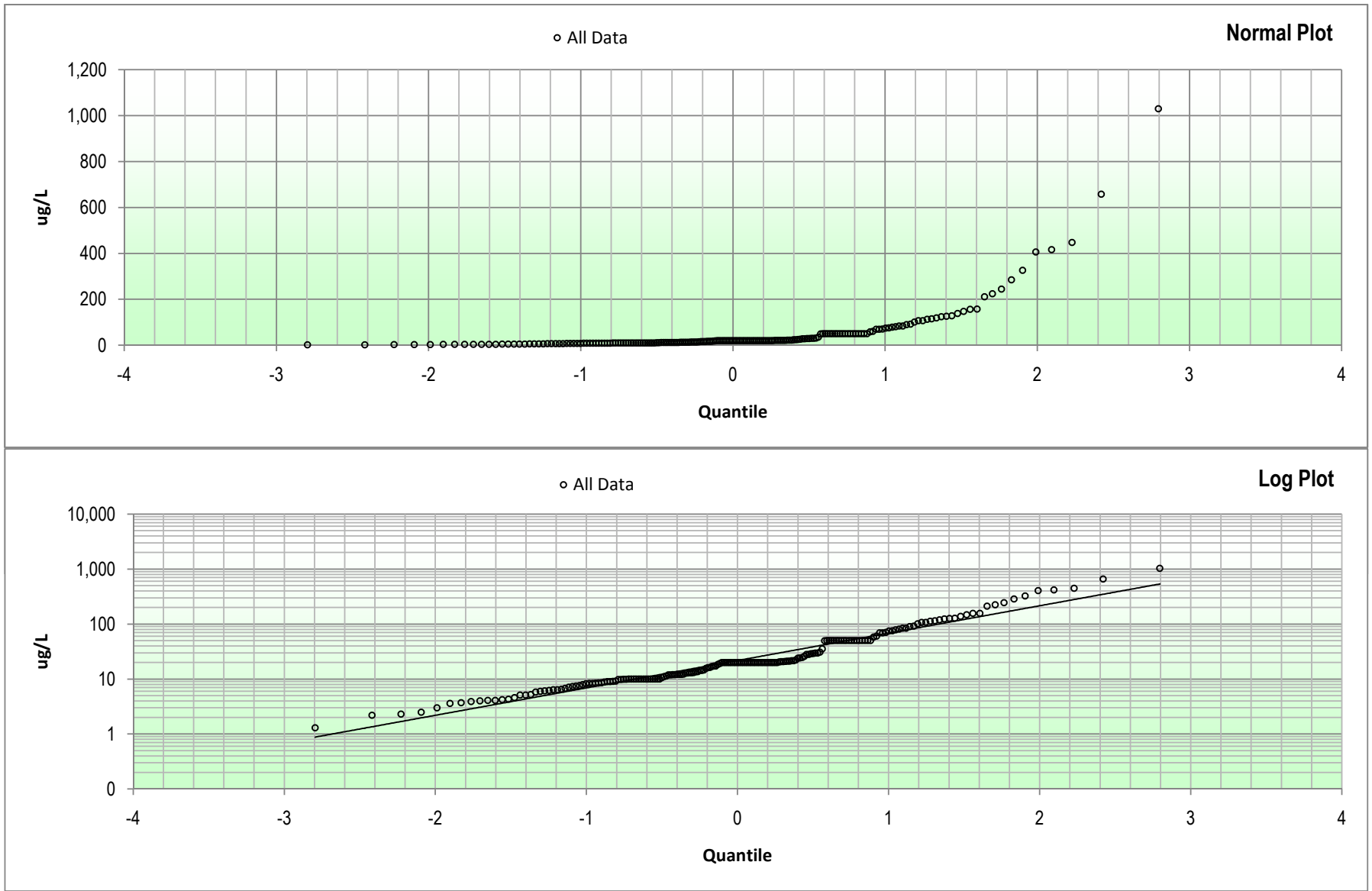
**Figure E-14: Sulfate Quantile Plots**

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Concentrations reported below detection posted at the detection limit.

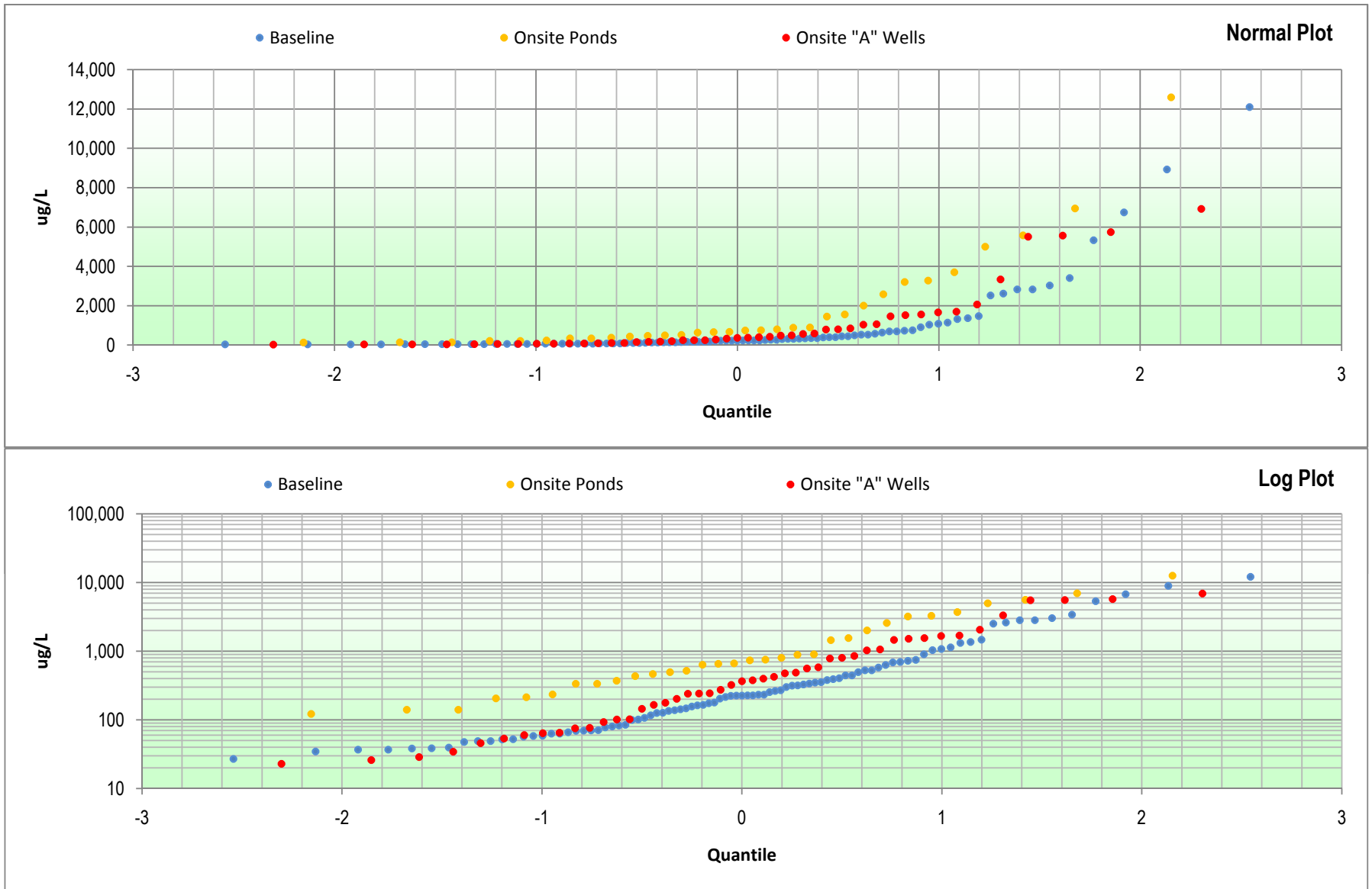
**Figure E-15: Zinc Quantile Plots**

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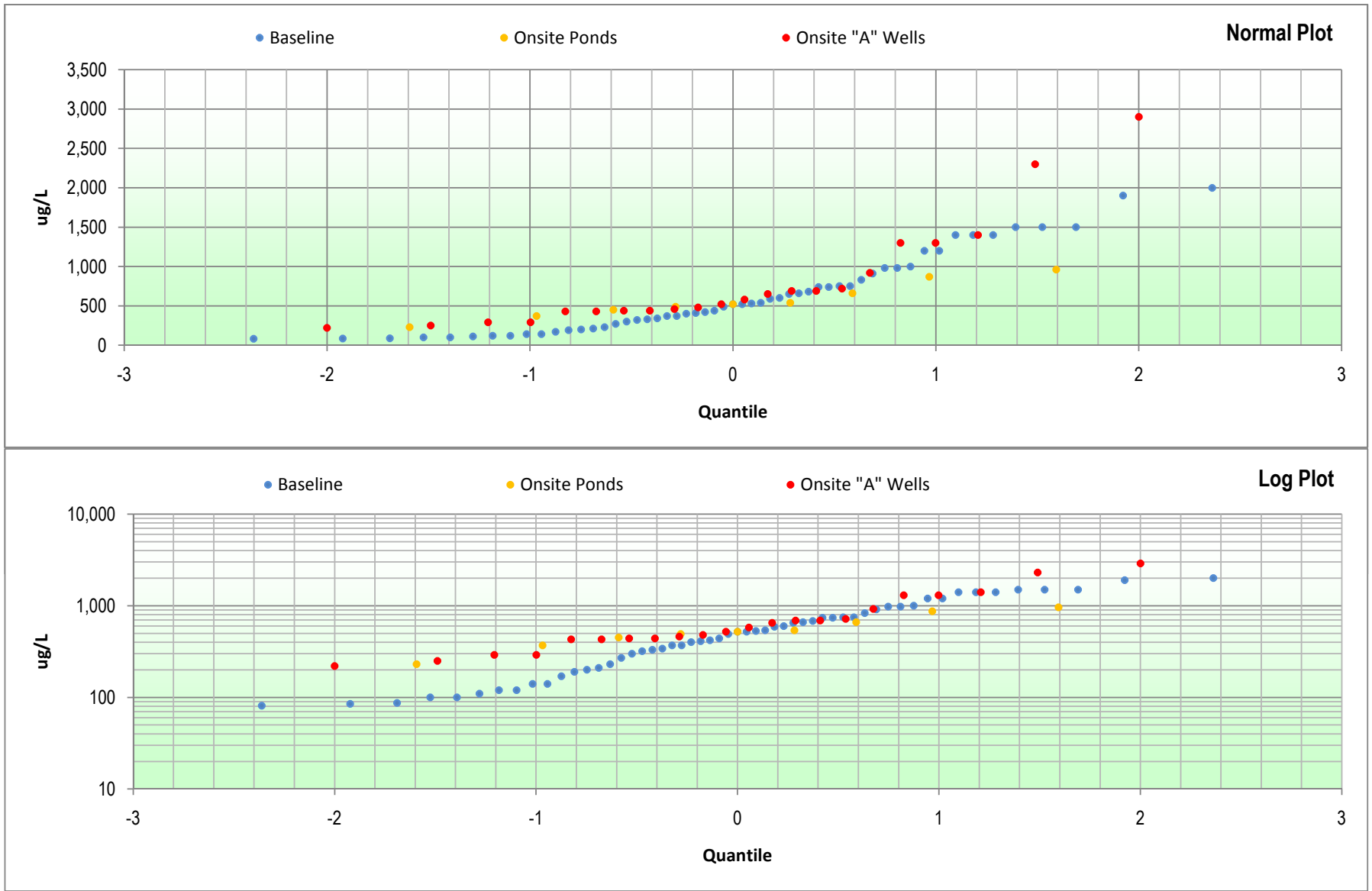
Chesapeake, Virginia





Non-detect data and outliers excluded.

**Figure E-16: Aluminum Multiple Quantile Plots**  
 Hydrogeologic Investigation and Groundwater Modeling Report  
 Battlefield Golf Club  
 Chesapeake, Virginia



Non-detect data and outliers excluded.

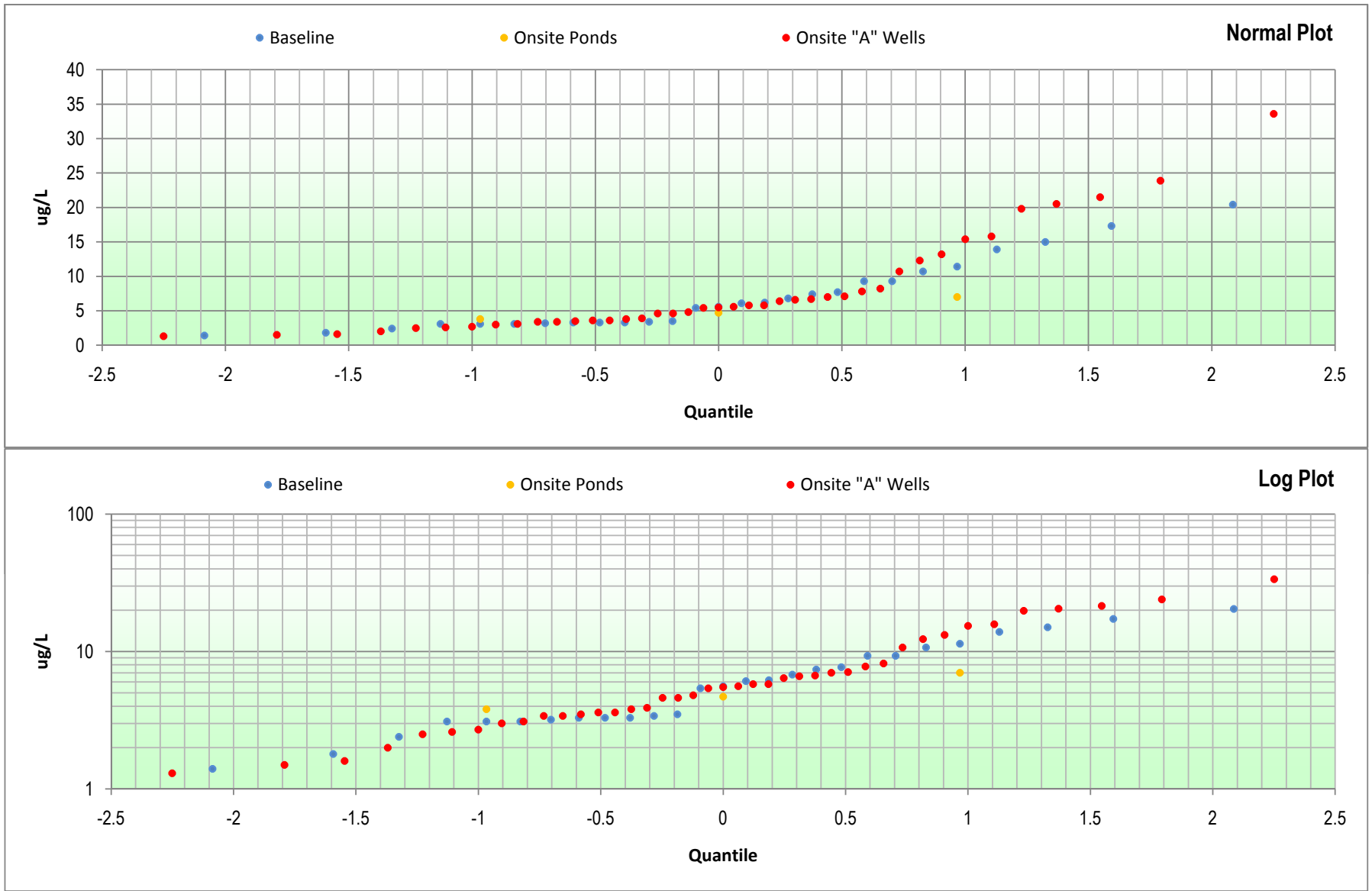
**Figure E-17: Ammonia-N Multiple Quantile Plots**

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Battlefield Golf Club

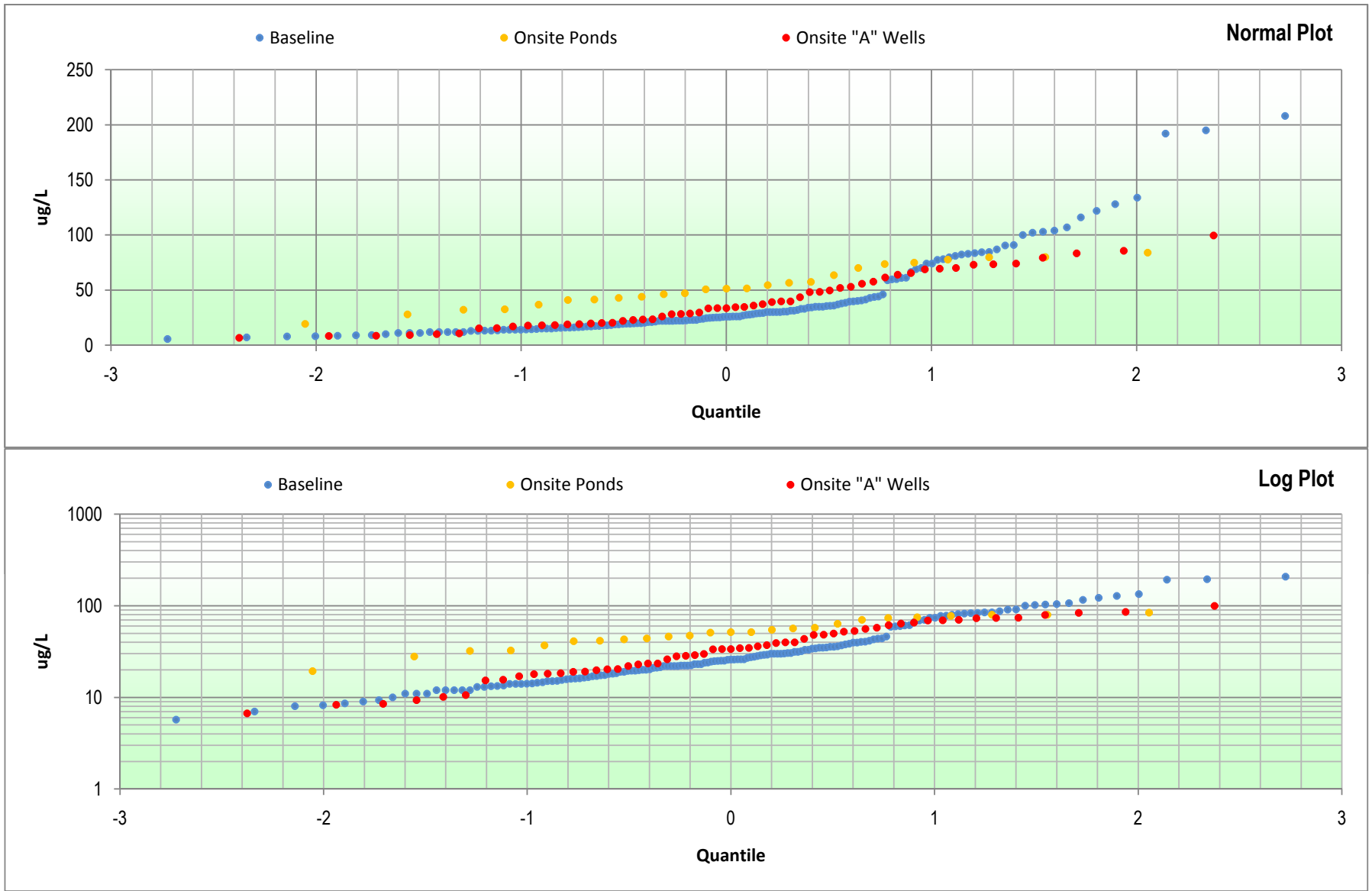
Chesapeake, Virginia





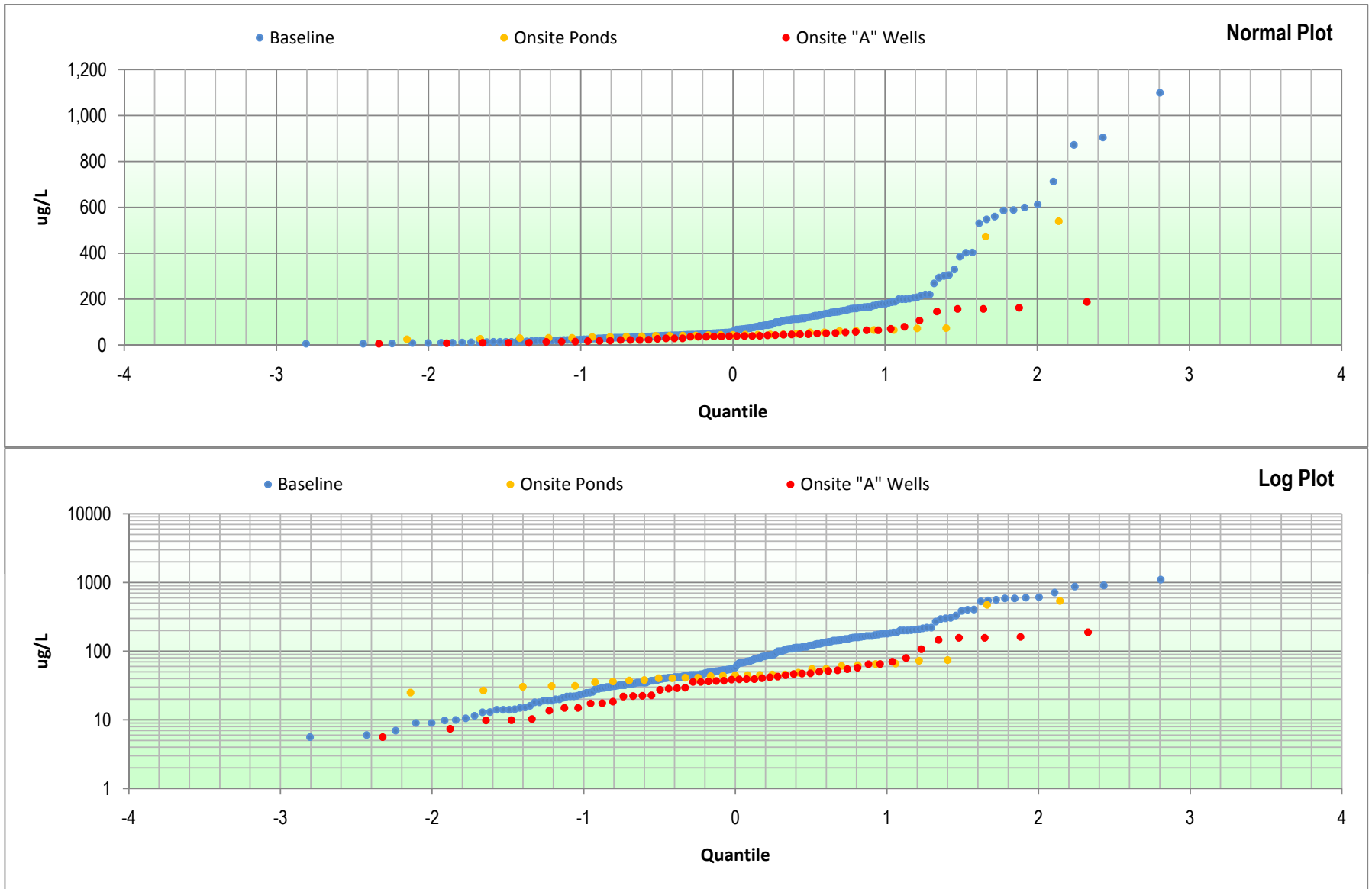
Non-detect data and outliers excluded.

**Figure E-18: Arsenic Multiple Quantile Plots**  
 Hydrogeologic Investigation and Groundwater Modeling Report  
 Battlefield Golf Club  
 Chesapeake, Virginia



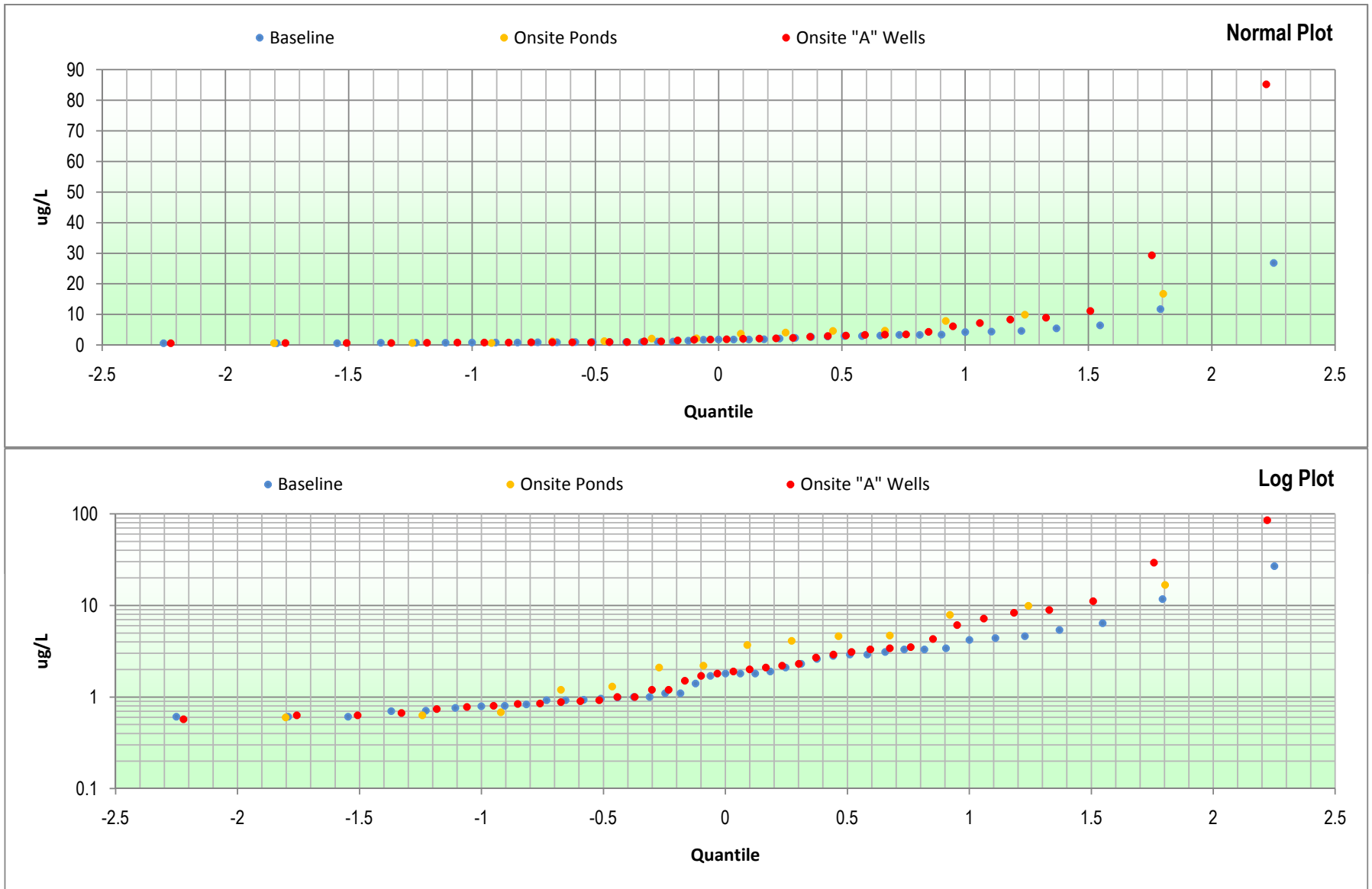
Non-detect data and outliers excluded.

**Figure E-19: Barium Multiple Quantile Plots**  
 Hydrogeologic Investigation and Groundwater Modeling Report  
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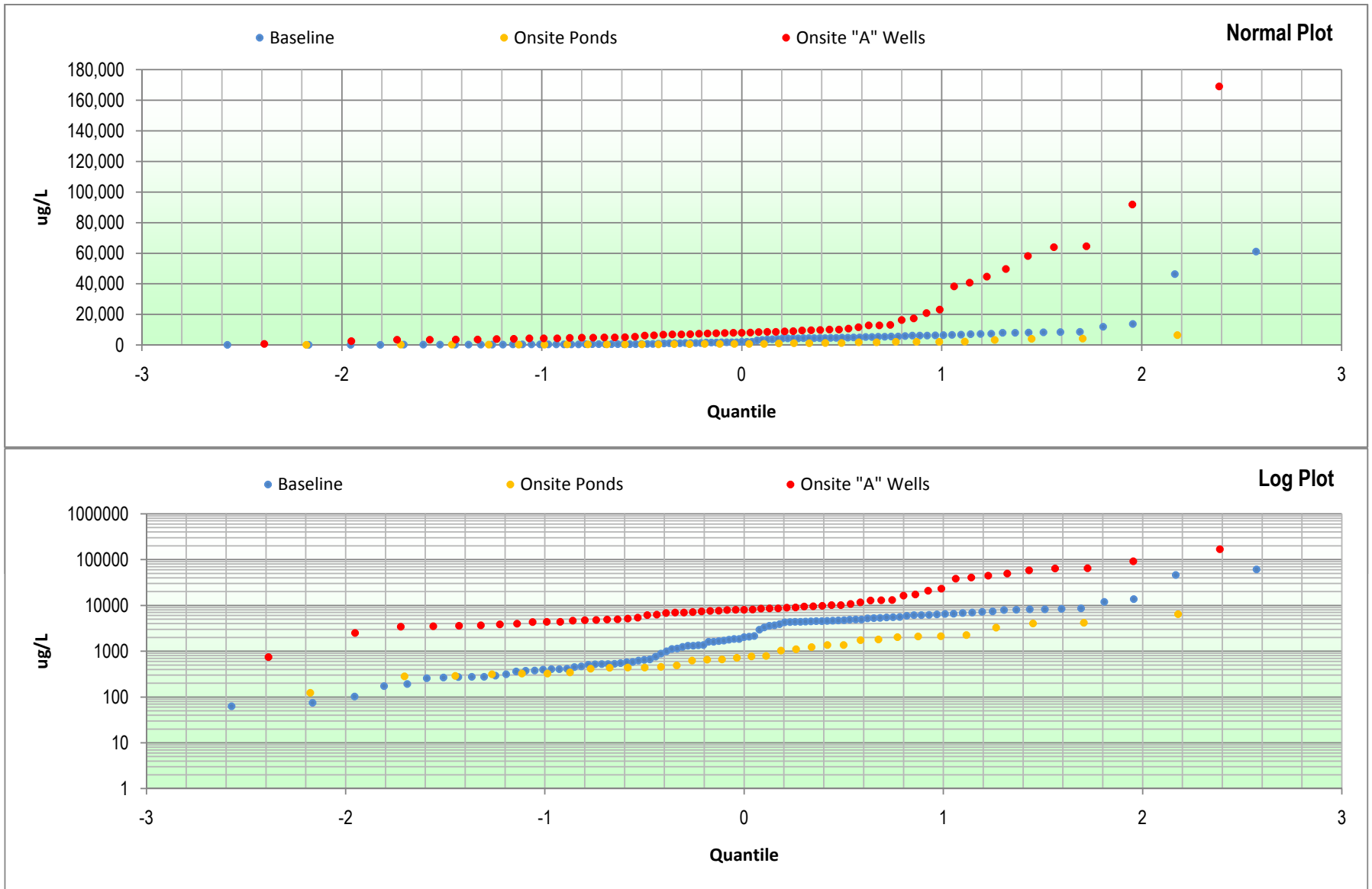
Non-detect data and outliers excluded.

**Figure E-20: Boron Multiple Quantile Plots**  
 Hydrogeologic Investigation and Groundwater Modeling Report  
 Battlefield Golf Club  
 Chesapeake, Virginia



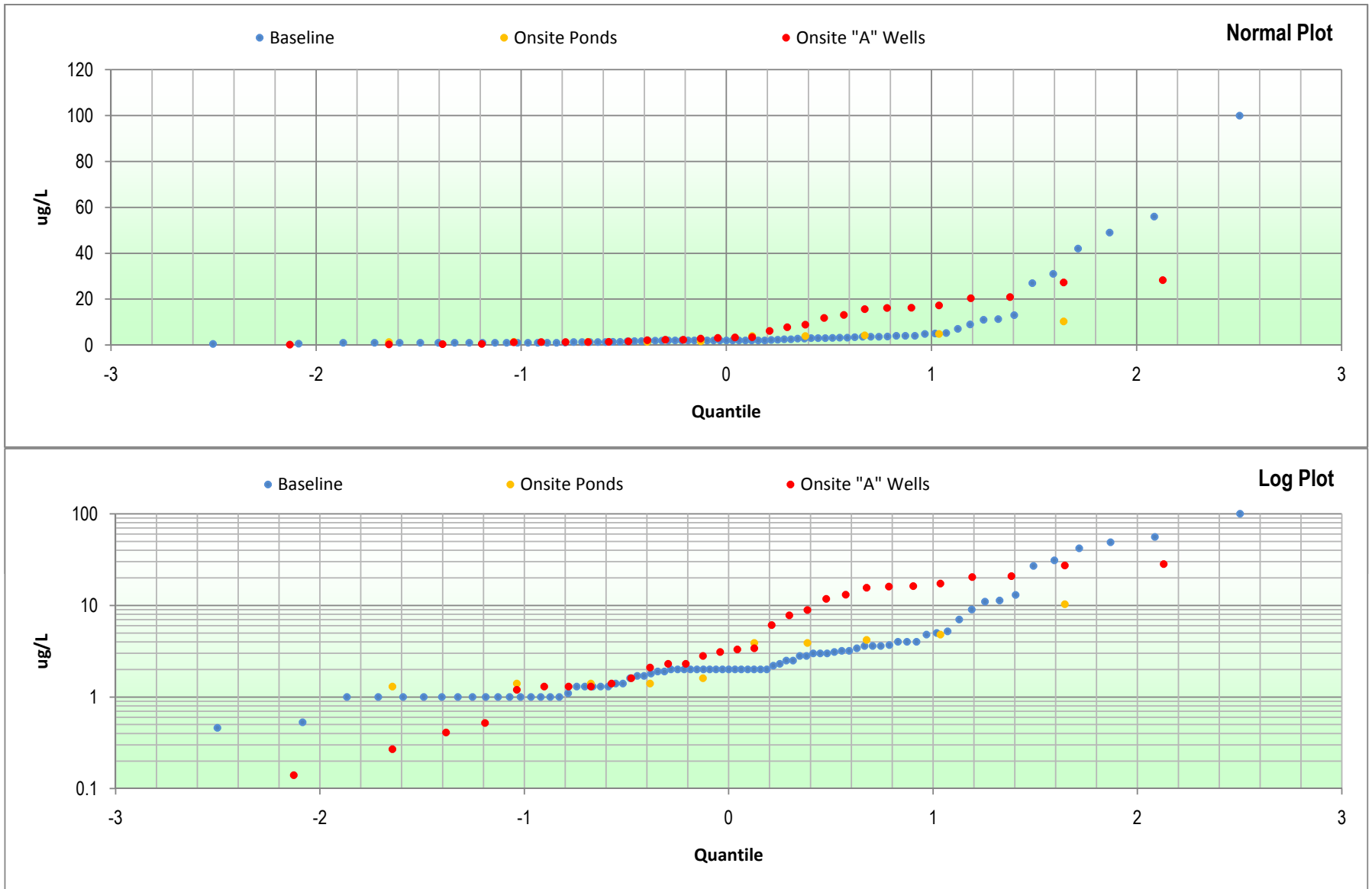
Non-detect data and outliers excluded.

**Figure E-21: Chromium Multiple Quantile Plots**  
 Hydrogeologic Investigation and Groundwater Modeling Report  
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Non-detect data and outliers excluded.

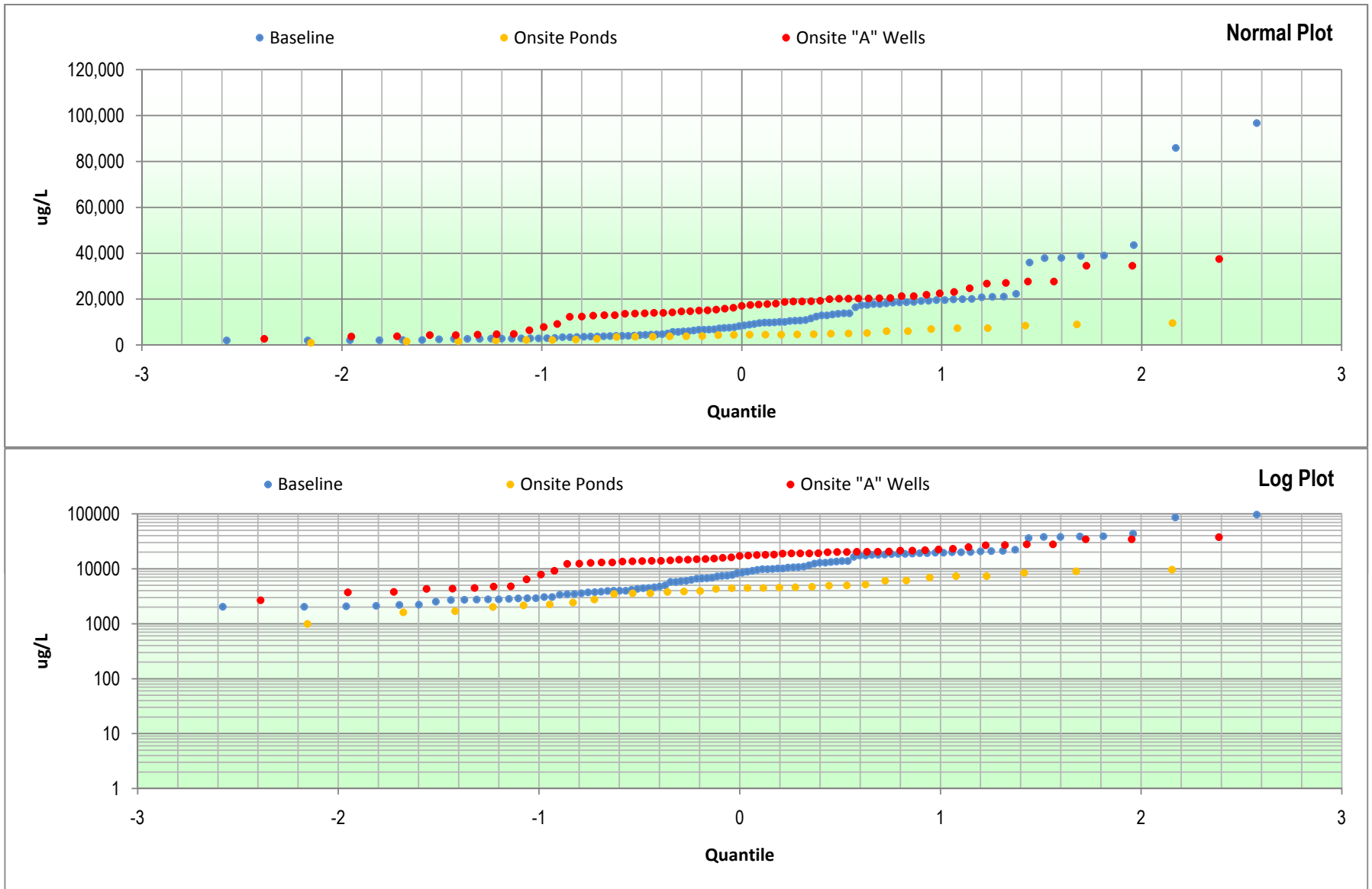
**Figure E-22: Iron Multiple Quantile Plots**  
 Hydrogeologic Investigation and Groundwater Modeling Report  
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Non-detect data and outliers excluded.

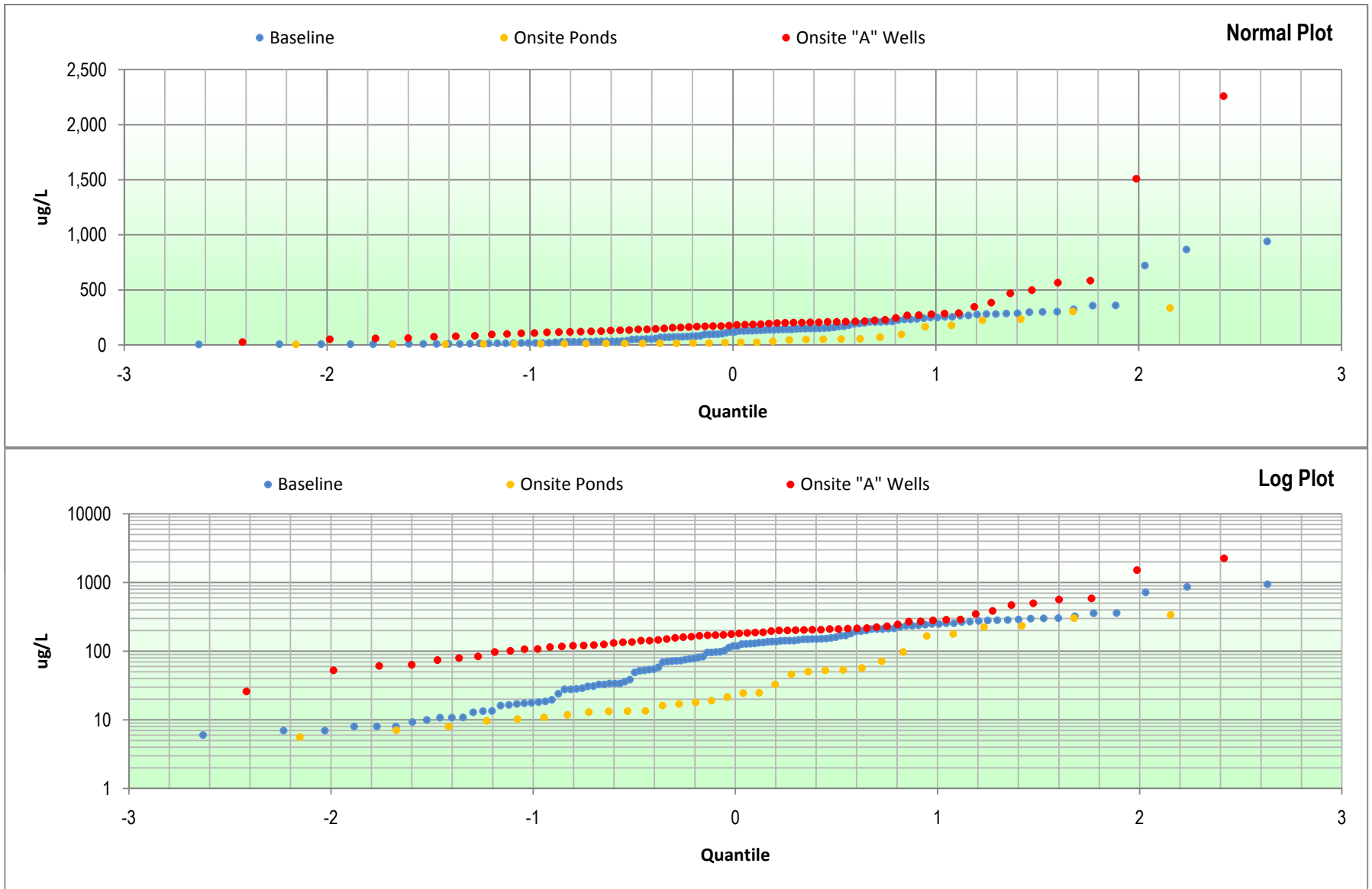
**Figure E-23: Lead Multiple Quantile Plots**  
 Hydrogeologic Investigation and Groundwater Modeling Report  
 Battlefield Golf Club  
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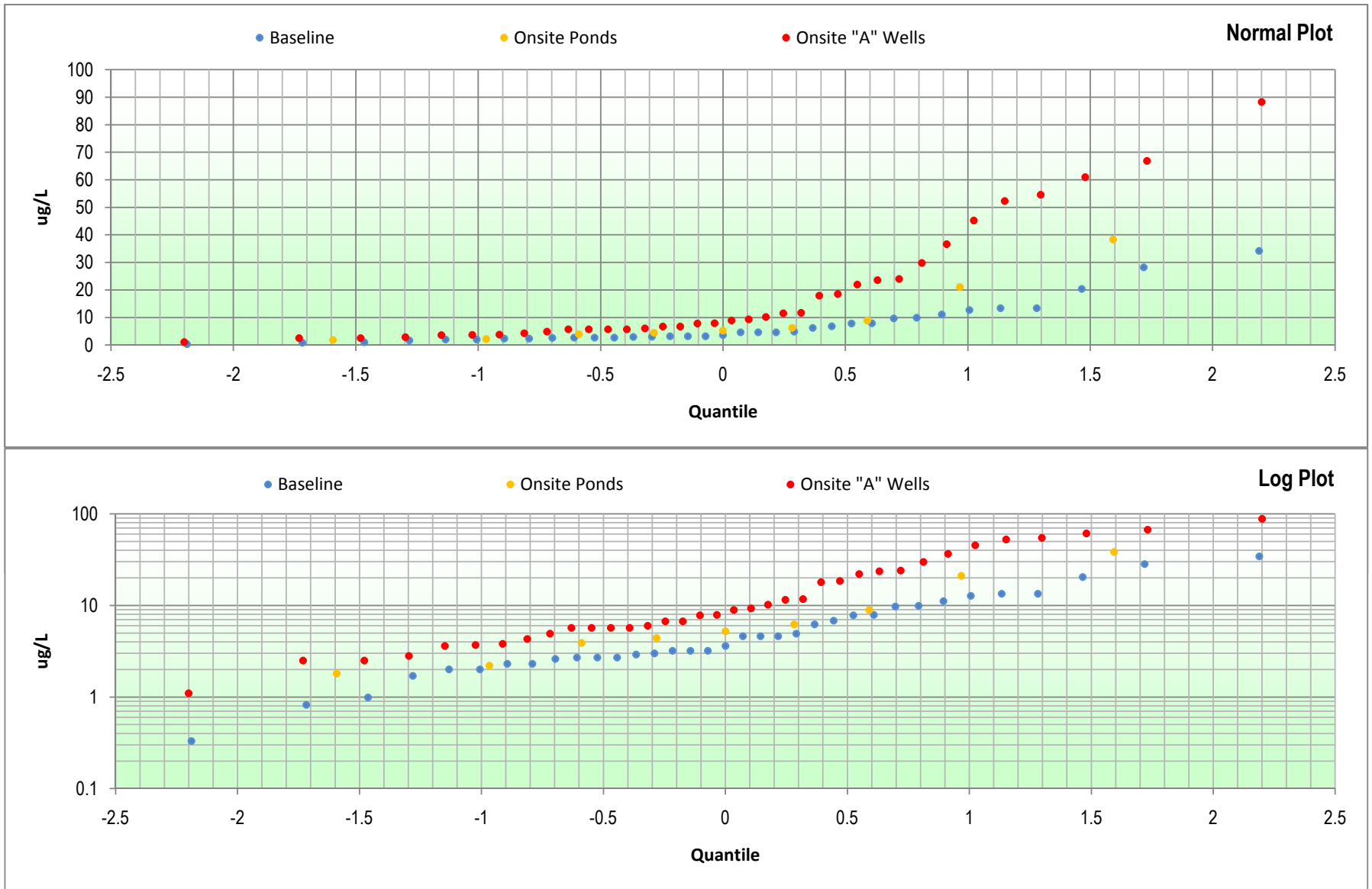
Non-detect data and outliers excluded.

**Figure E-24: Magnesium Multiple Quantile Plots**  
 Hydrogeologic Investigation and Groundwater Modeling Report  
 Battlefield Golf Club  
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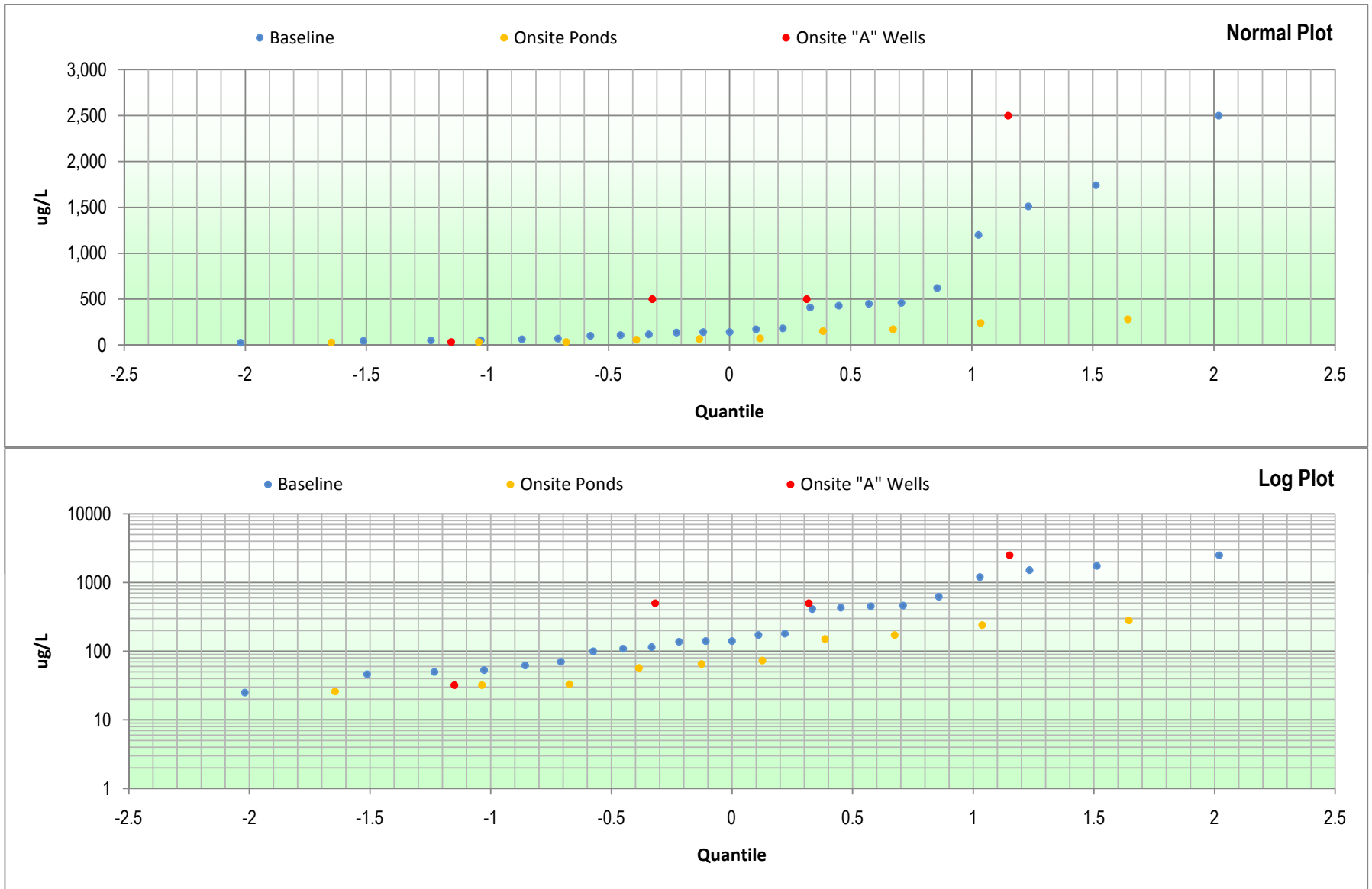
Non-detect data and outliers excluded.

**Figure E-25: Manganese Multiple Quantile Plots**  
 Hydrogeologic Investigation and Groundwater Modeling Report  
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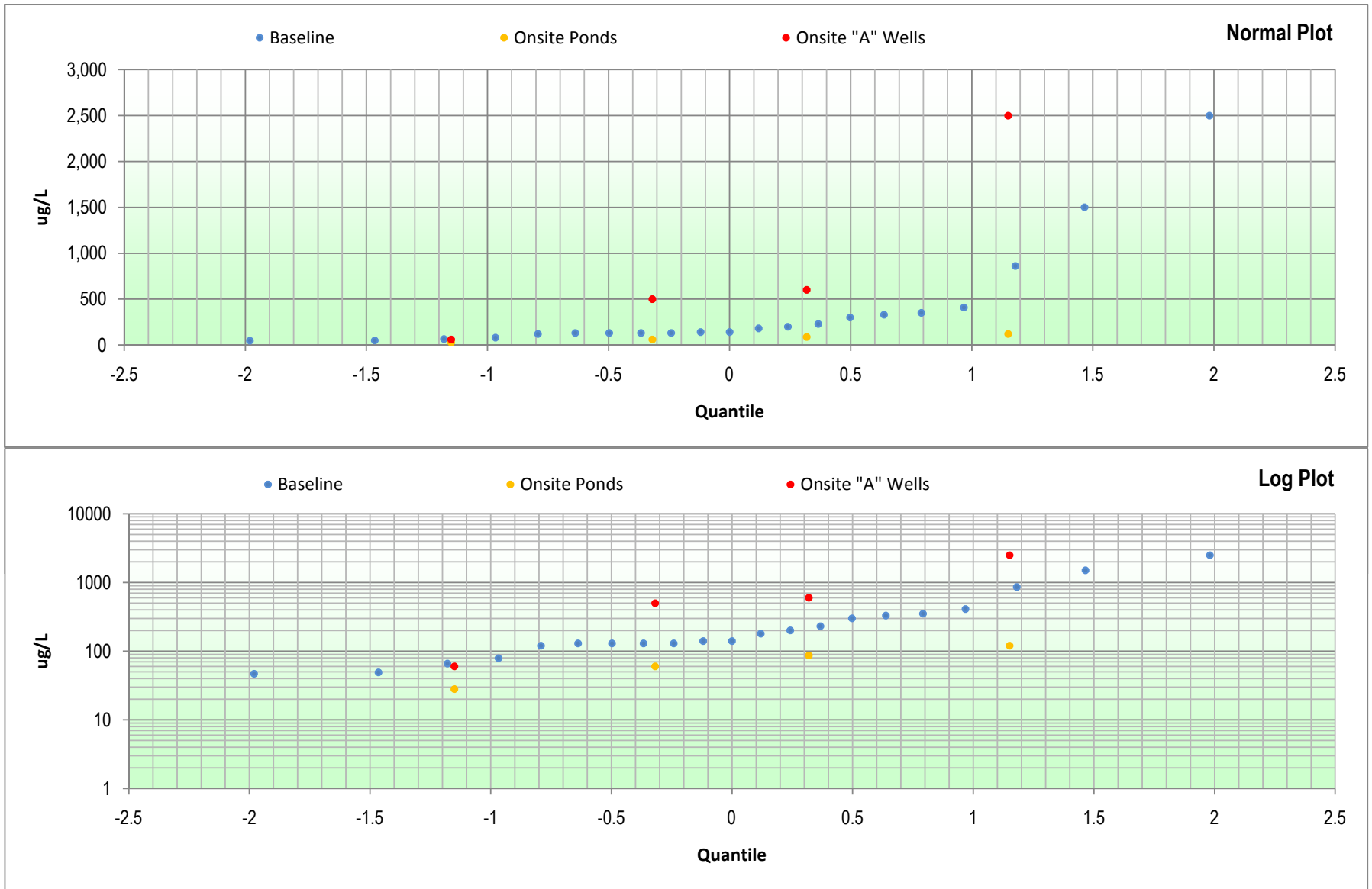
Non-detect data and outliers excluded.

**Figure E-26: Nickel Multiple Quantile Plots**  
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 Chesapeake, Virginia



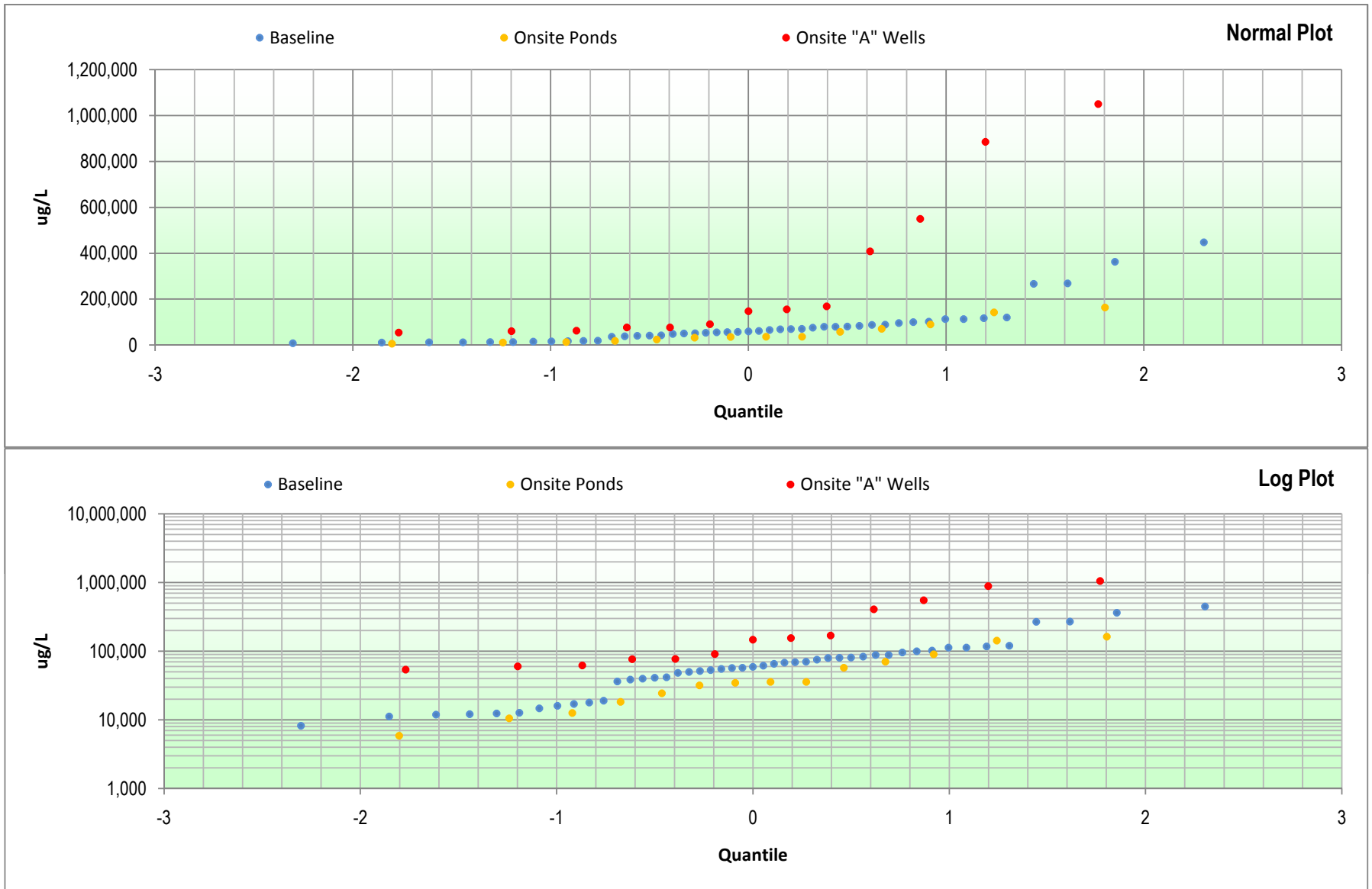
Non-detect data and outliers excluded.

**Figure E-27: Nitrate Multiple Quantile Plots**  
 Hydrogeologic Investigation and Groundwater Modeling Report  
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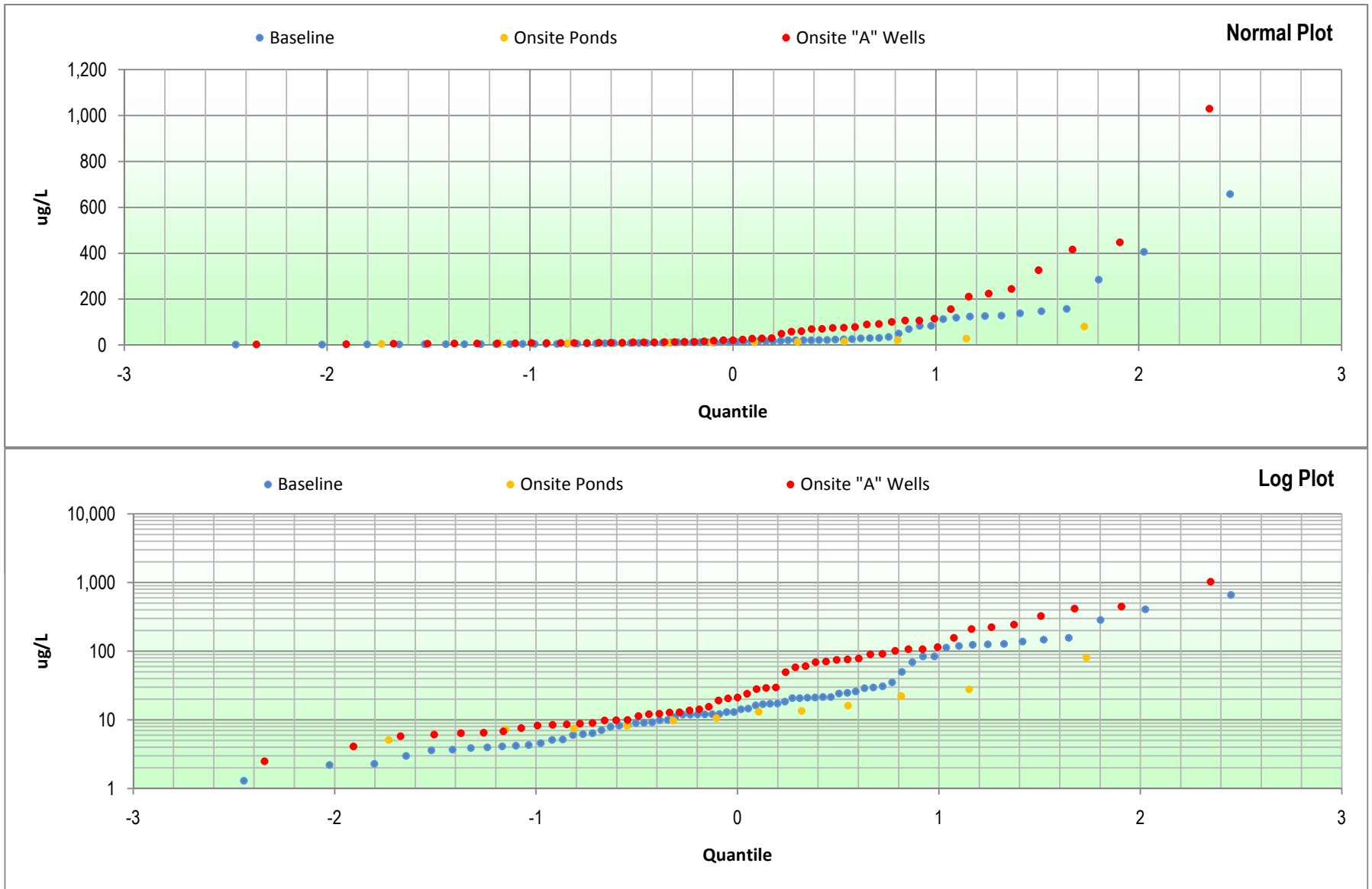
Non-detect data and outliers excluded.

**Figure E-28: Nitrite Multiple Quantile Plots**  
 Hydrogeologic Investigation and Groundwater Modeling Report  
 Battlefield Golf Club  
 Chesapeake, Virginia



Non-detect data and outliers excluded.

**Figure E-29: Sulfate Multiple Quantile Plots**  
 Hydrogeologic Investigation and Groundwater Modeling Report  
 Battlefield Golf Club  
 Chesapeake, Virginia



Non-detect data and outliers excluded.

**Figure E-30: Zinc Multiple Quantile Plots**  
 Hydrogeologic Investigation and Groundwater Modeling Report  
 Battlefield Golf Club  
 Chesapeake, Virginia