

APPENDIX O

Appendix O - Radium Concentrations Over Time
Troutman Sanders Plant Kraft
Port Wentworth, Georgia

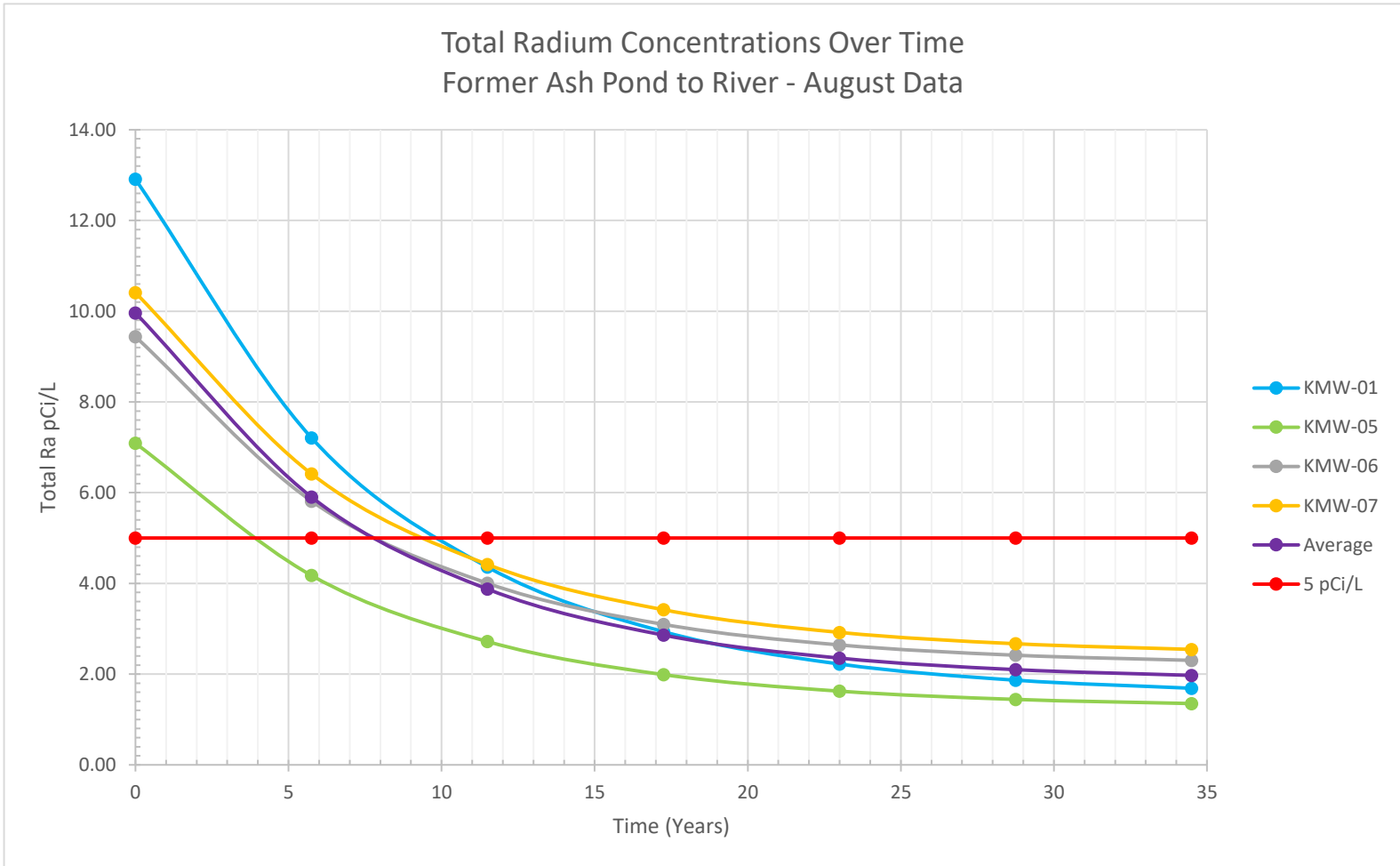
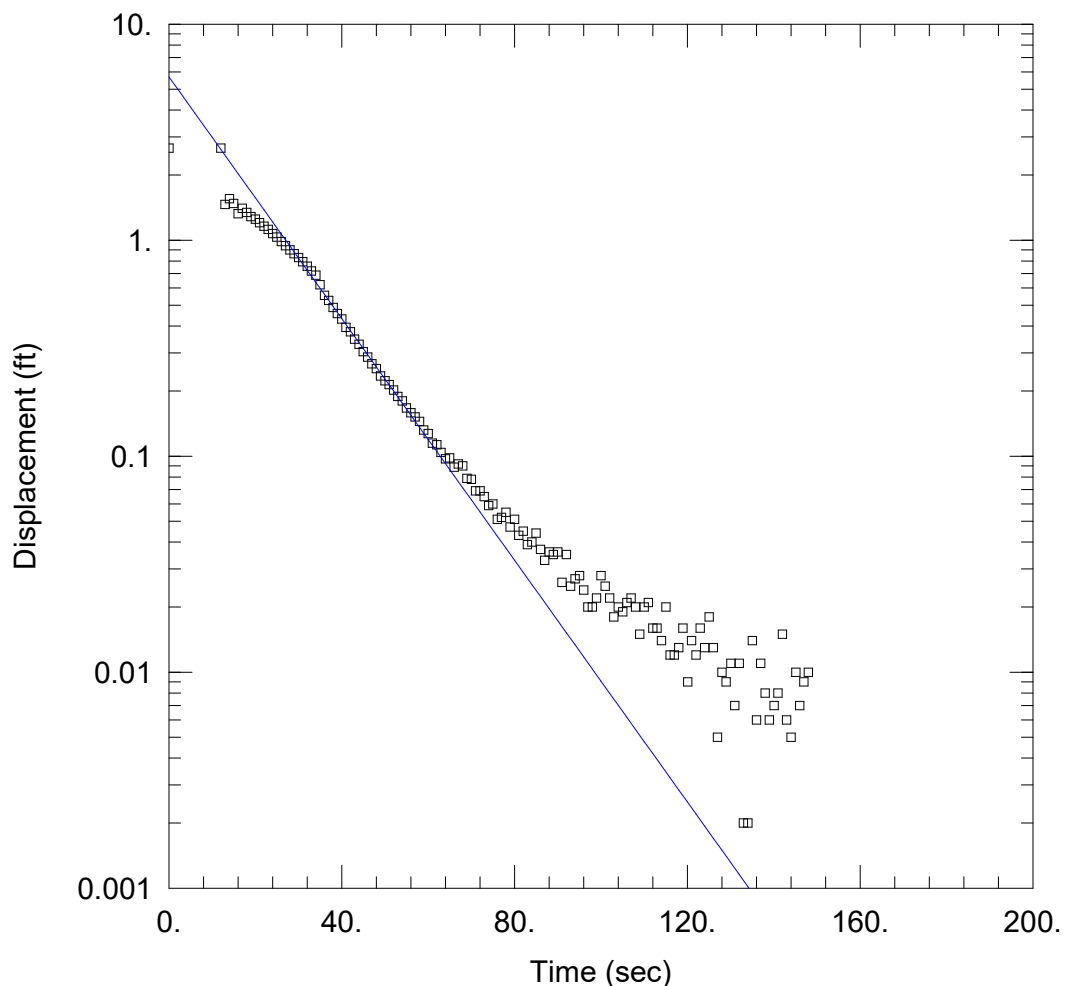


Table O
Hydraulic Conductivity Based on Slug Test Analysis
Georgia Power Plant Kraft
Port Wentworth, Georgia

| Well ID | Slug In K (ft/day) | Slug Out K (ft/day) | Average K (ft/day) | Average K (cm/S) |
|---------|-----------------------|------------------------|-----------------------|---------------------|
| KMW-06 | 27.52 | 19.79 | 23.7 | 8.34E-03 |

Notes:

Calculated Using Hvorslev Method from Slug Test Data



WELL TEST ANALYSIS

Data Set: C:\Users\Brian Steele\Desktop\AQTESOLVE\KMW-06.aqt
 Date: 06/13/18 Time: 16:34:21

PROJECT INFORMATION

Company: Resolute
 Client: Georgia Power Company
 Location: Port Wentworth GA
 Test Well: KMW-06
 Test Date: 5/17/2018

AQUIFER DATA

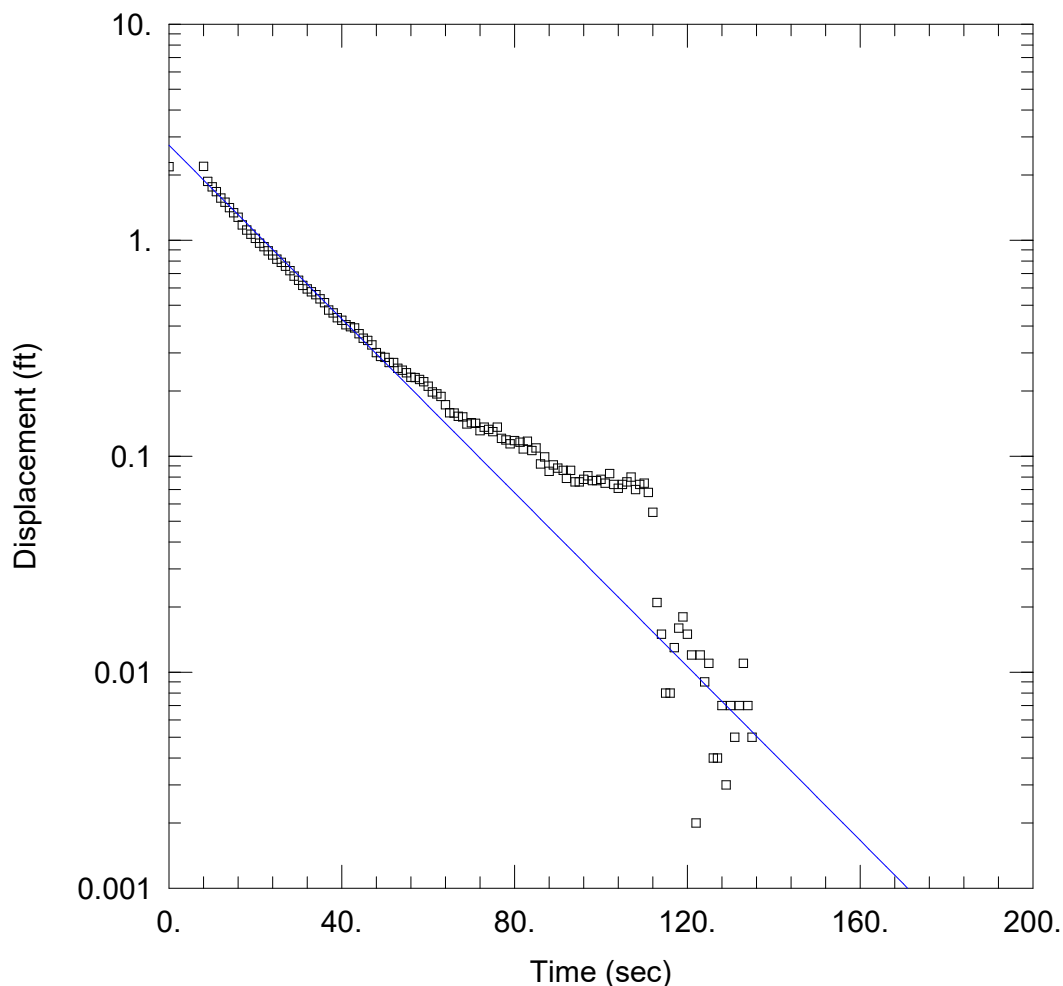
Saturated Thickness: 12.7 ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (KMW-06)

Initial Displacement: 2.67 ft Static Water Column Height: 11.21 ft
 Total Well Penetration Depth: 11.21 ft Screen Length: 10. ft
 Casing Radius: 0.16 ft Well Radius: 0.16 ft
 Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 27.52 ft/day y0 = 5.693 ft



WELL TEST ANALYSIS

Data Set: C:\Users\Brian Steele\Desktop\AQTESOLVE\KMW-06 Out.aqt
 Date: 06/13/18 Time: 16:33:18

PROJECT INFORMATION

Company: Resolute
 Client: Georgia Power Company
 Location: Port Wentworth GA
 Test Well: KMW-06
 Test Date: 5/17/2018

AQUIFER DATA

Saturated Thickness: 12.7 ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (KMW-06)

Initial Displacement: 2.19 ft Static Water Column Height: 11.21 ft
 Total Well Penetration Depth: 11.21 ft Screen Length: 10. ft
 Casing Radius: 0.16 ft Well Radius: 0.16 ft
 Gravel Pack Porosity: 0.

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 19.79 ft/day y0 = 2.749 ft