

Appendix G

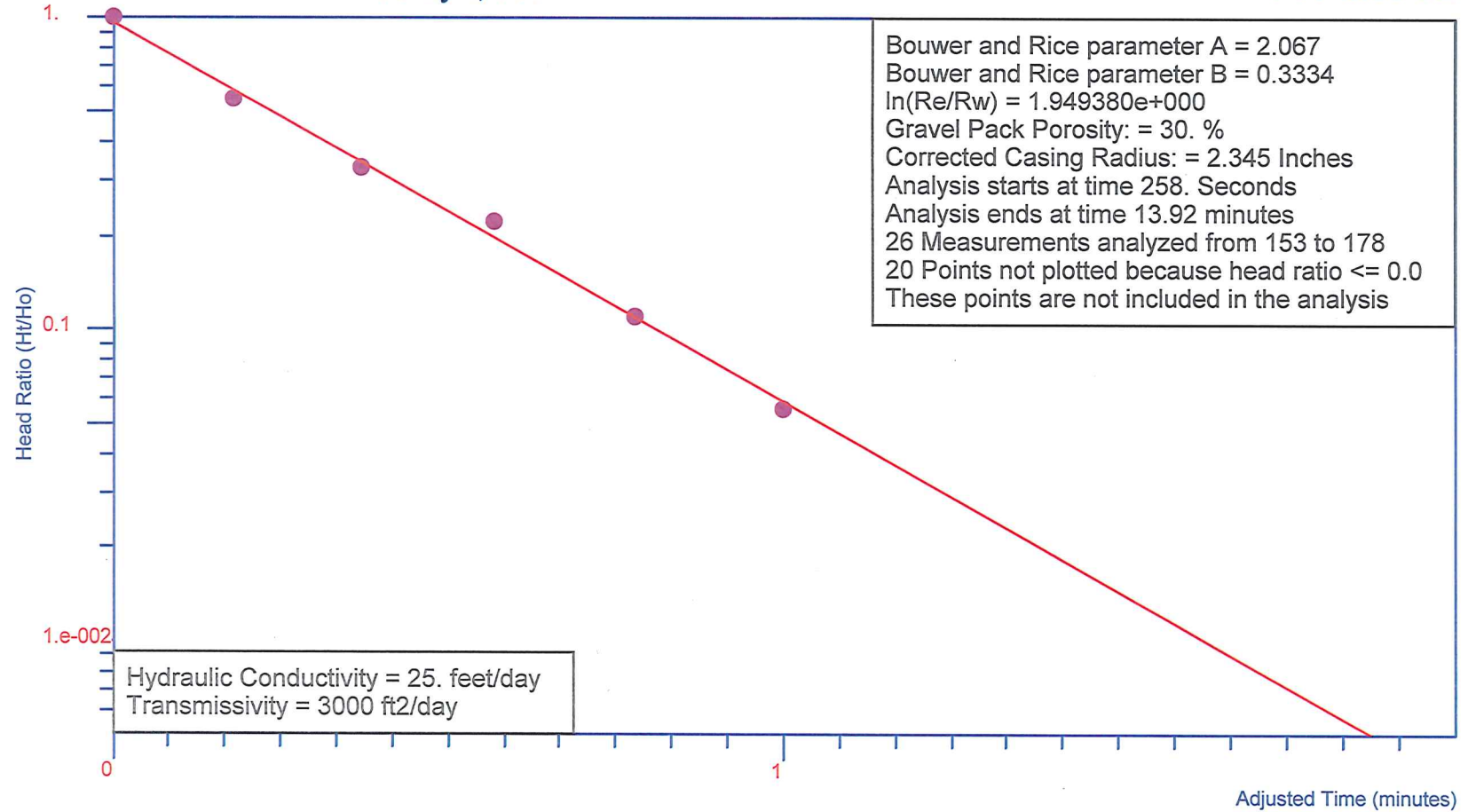
Hydraulic Conductivity Calculations (electronic only)

FW-MW-06 Test 1 06/18/08

Fulton Former MGP Brooklyn, NY

Bouwer and Rice Graph

FW-MW-06



Client:: National Grid
Analysis by Starpoint Software

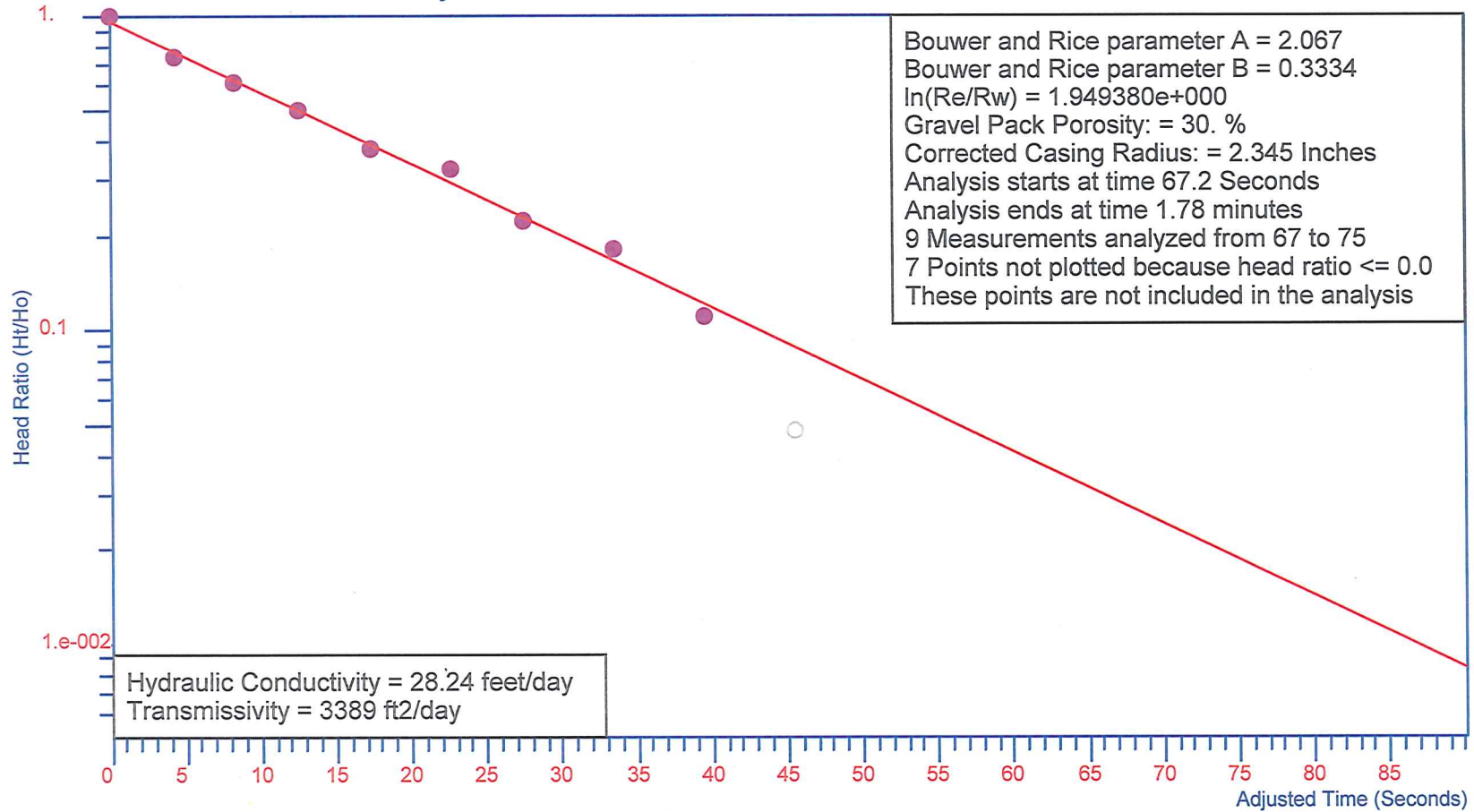
Ho is 0.18 feet at 258. Seconds

FW-MW-06 Test 2 06/18/08

Fulton Former MGP Brooklyn, NY

Bouwer and Rice Graph

FW-MW-06



Client:: National Grid
Analysis by Starpoint Software

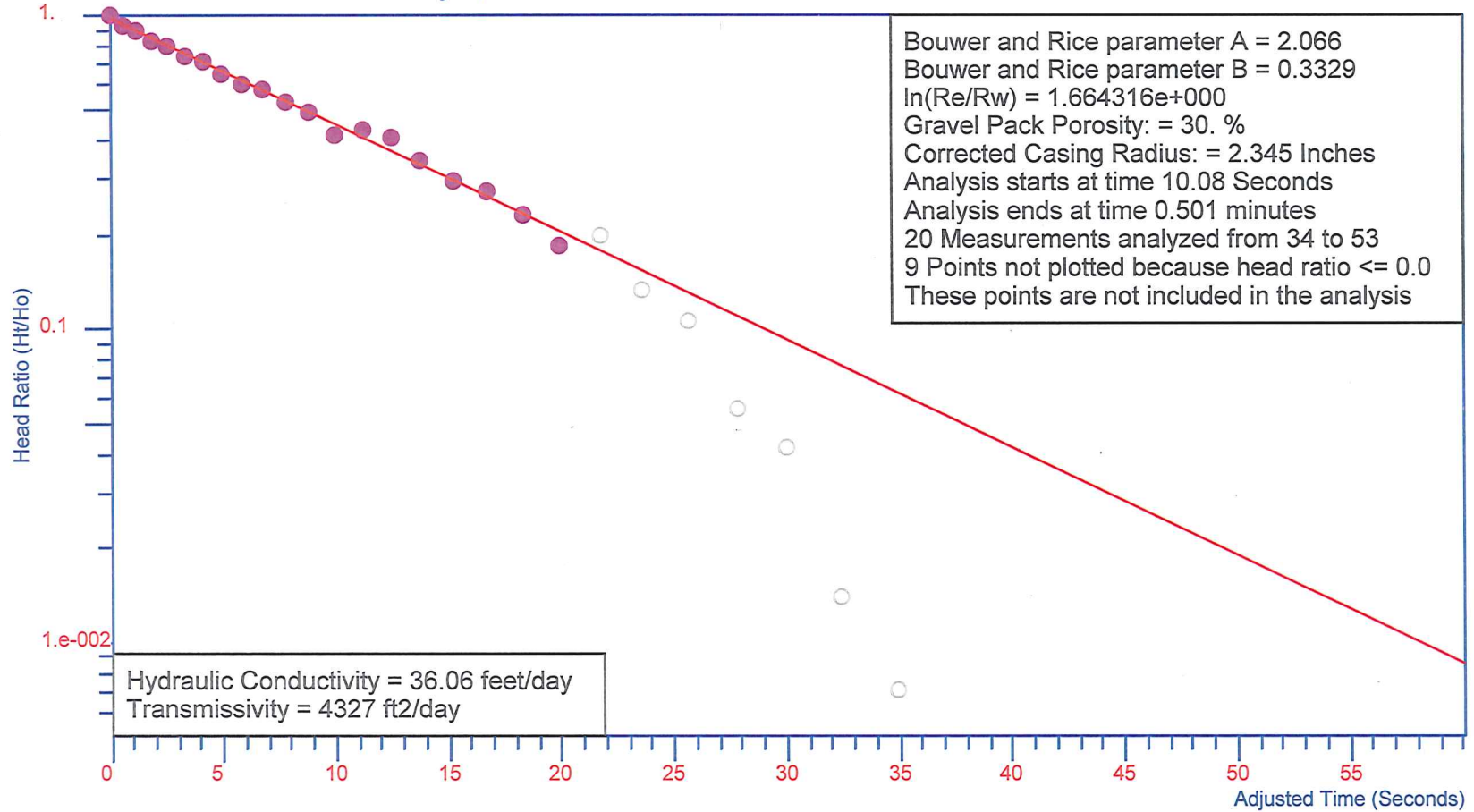
Ho is 0.145 feet at 67.2 Seconds

FW-MW-06 Test 3 06/19/08

Fulton Former MGP Brooklyn, NY

Bouwer and Rice Graph

FW-MW-06



Client: National Grid
Analysis by Starpoint Software

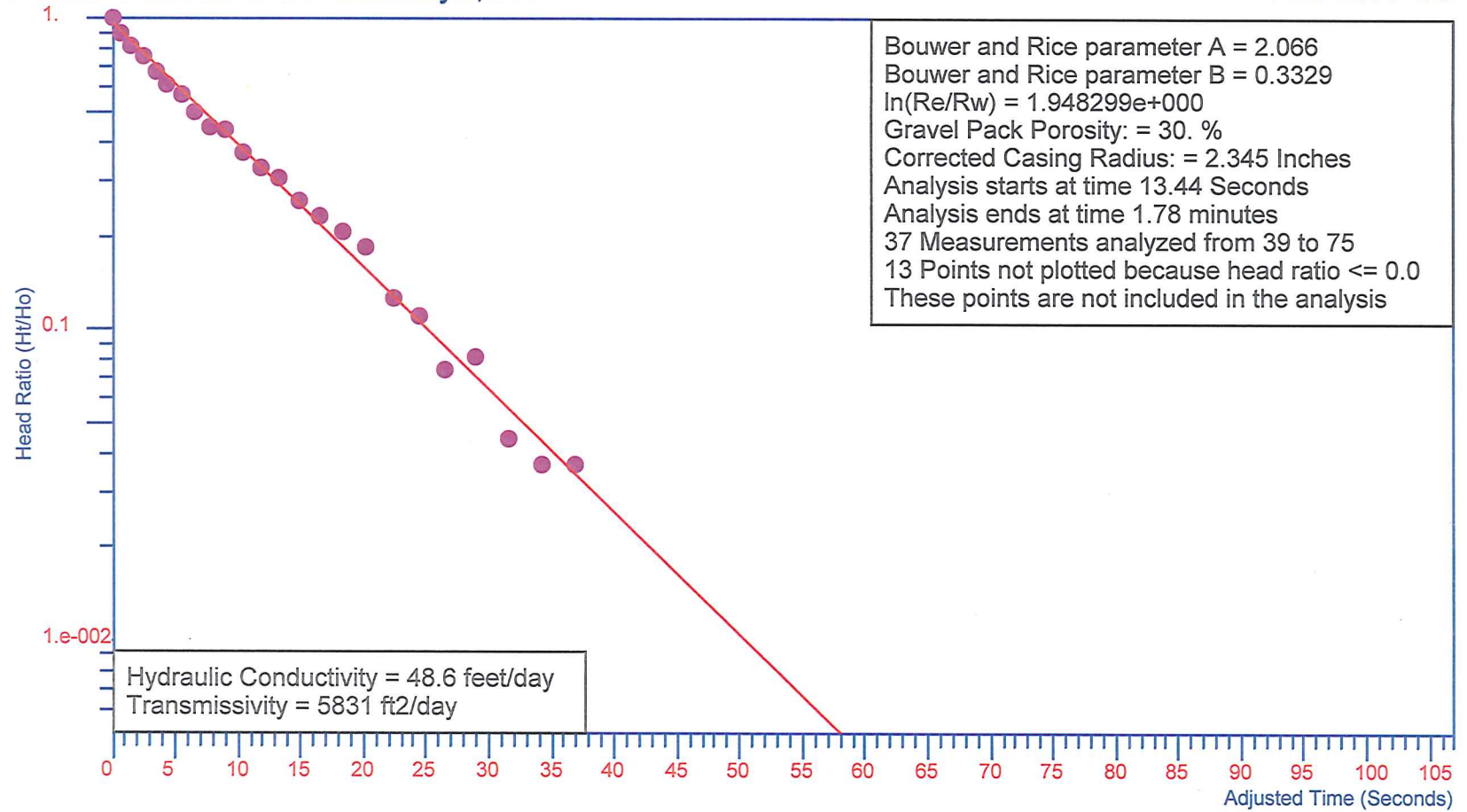
Ho is 0.142 feet at 10.08 Seconds

FW-MW-06 Test 4 06/19/08

Fulton Former MGP Brooklyn, NY

Bouwer and Rice Graph

FW-MW-06



Bouwer and Rice parameter A = 2.066
Bouwer and Rice parameter B = 0.3329
 $\ln(R_e/R_w) = 1.948299e+000$
Gravel Pack Porosity: = 30. %
Corrected Casing Radius: = 2.345 Inches
Analysis starts at time 13.44 Seconds
Analysis ends at time 1.78 minutes
37 Measurements analyzed from 39 to 75
13 Points not plotted because head ratio ≤ 0.0
These points are not included in the analysis

Client:: National Grid
Analysis by Starpoint Software

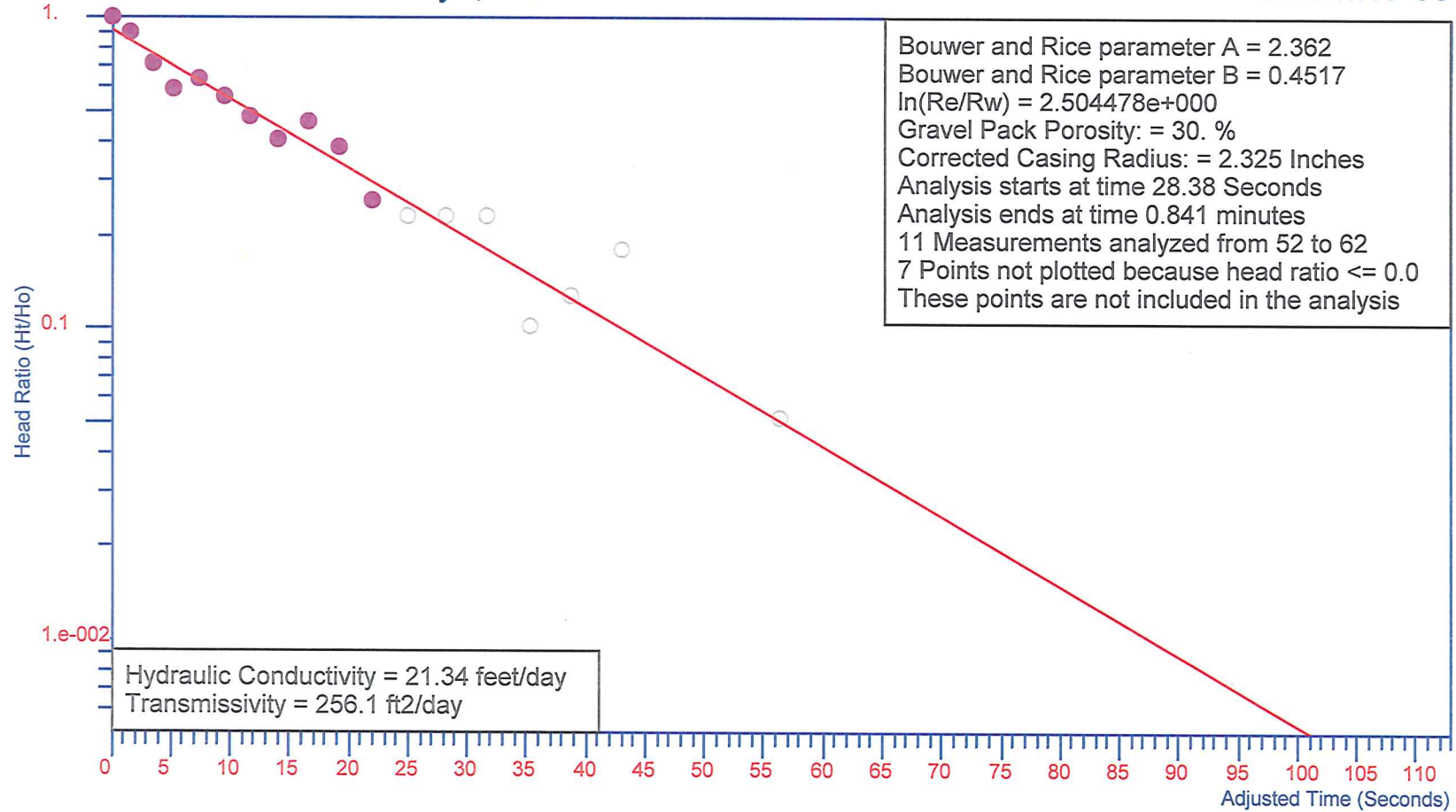
Ho is 0.135 feet at 13.44 Seconds

FW-MW-09 Test 1 06/19/08

Fulton Former MGP Brooklyn, NY

Bouwer and Rice Graph

FW-MW-09



Client: National Grid
Analysis by Starpoint Software

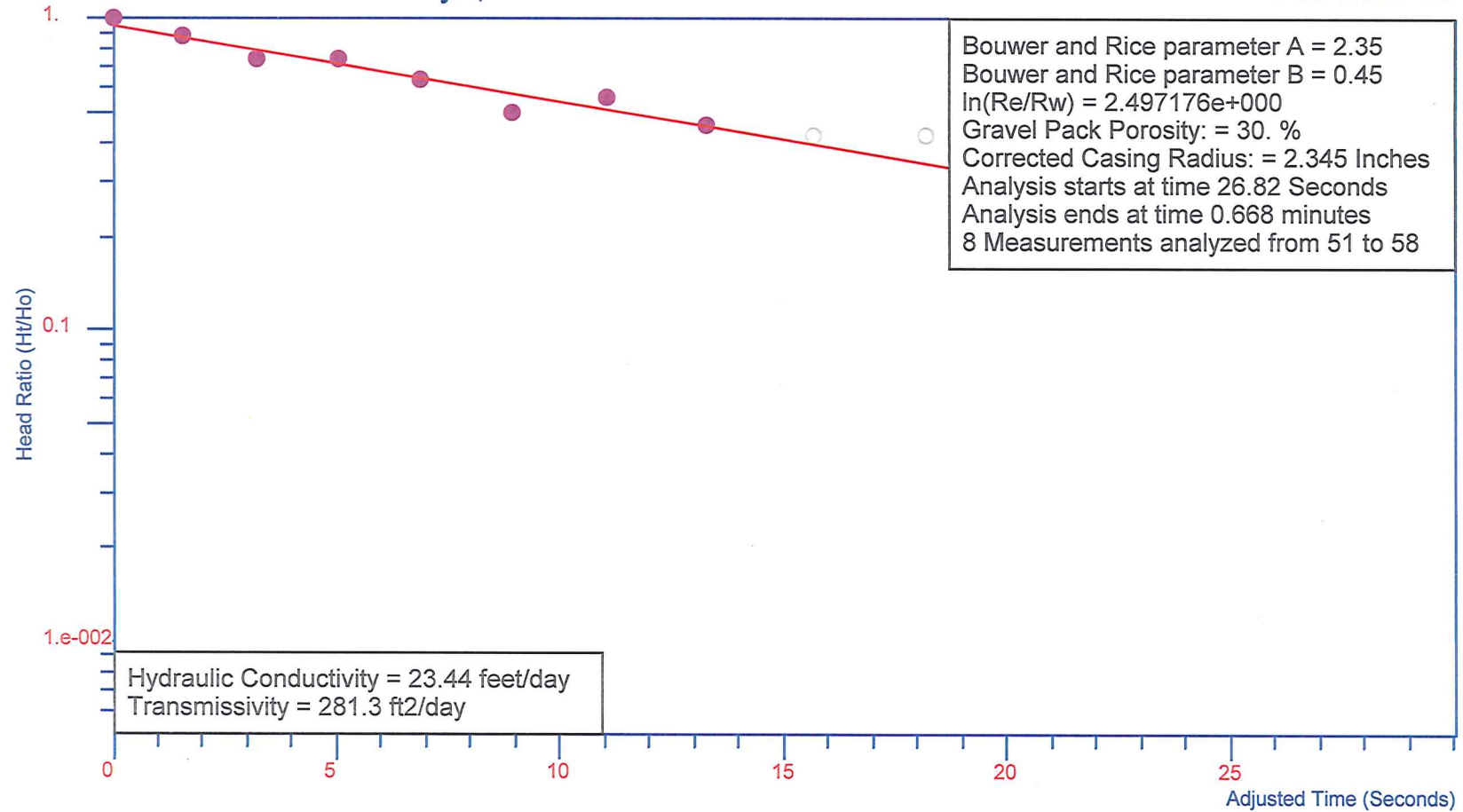
Ho is 3.9e-002 feet at 28.38 Seconds

FW-MW-09 Test 2 06/19/08

Fulton Former MGP Brooklyn, NY

Bouwer and Rice Graph

FW-MW-09



Client:: National Grid
Analysis by Starpoint Software

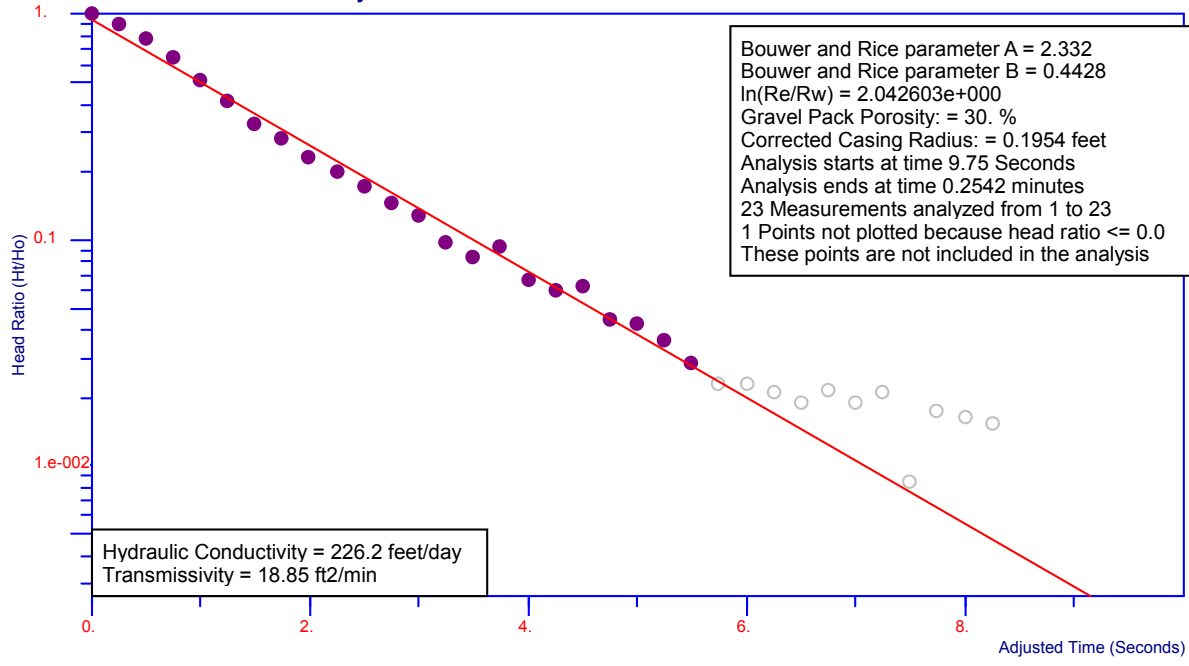
Ho is 5.e-002 feet at 26.82 Seconds

FW-MW-21S Rising Test 1 05/24/11

Fulton Former MGP Brooklyn, NY

Bouwer and Rice Graph

FW-MW-21S



Client: National Grid
Analysis by Starpoint Software

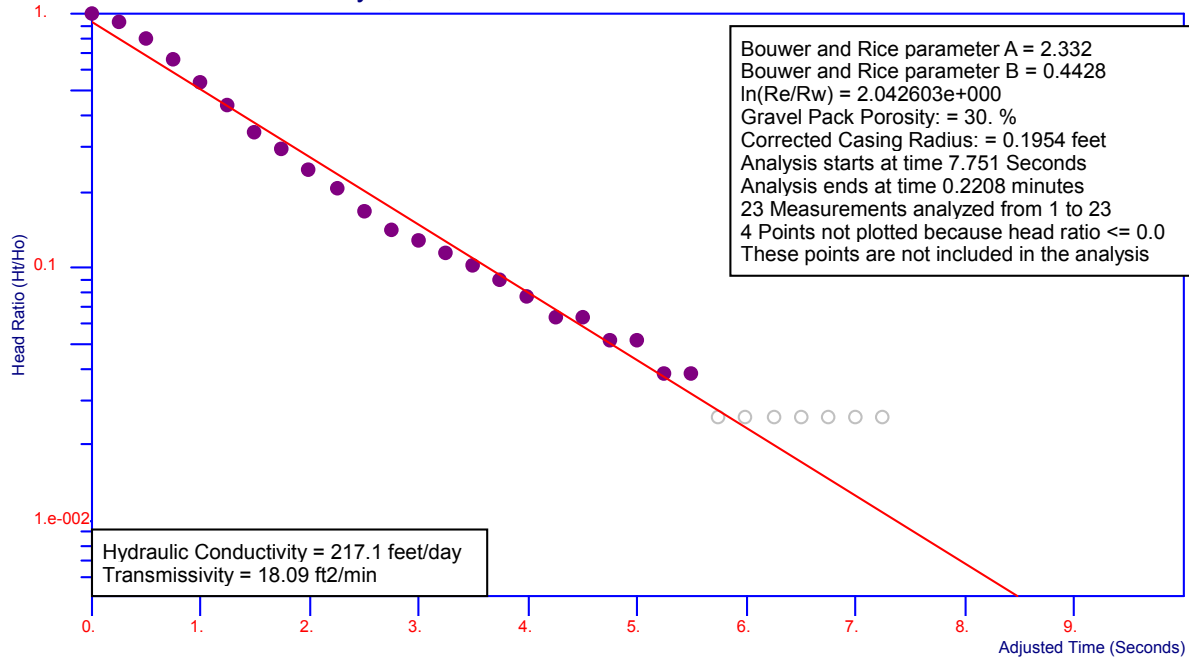
Ho is 0.5316 feet at 9.75 Seconds

FW-MW-21S Rising Test 2 05/24/11

Fulton Former MGP Brooklyn, NY

Bouwer and Rice Graph

FW-MW-21S



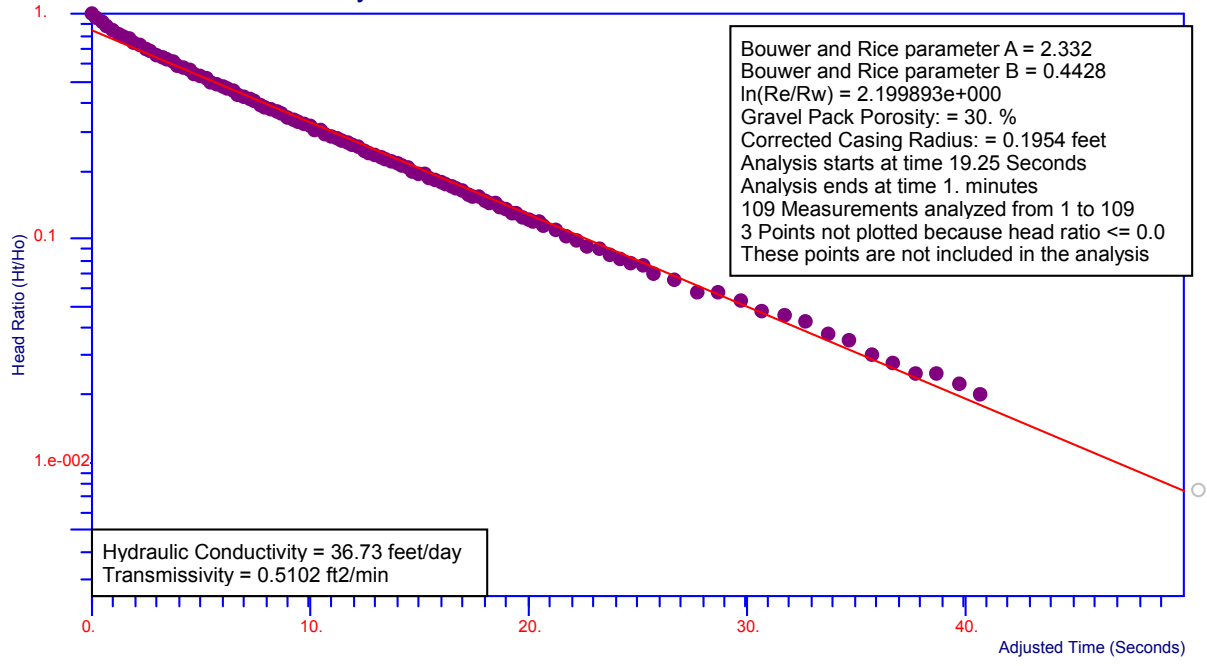
Client: National Grid
Analysis by Starpoint Software

FW-MW-22I Falling Test 1 05/24/11

Fulton Former MGP Brooklyn, NY

Bouwer and Rice Graph

FW-MW-22I



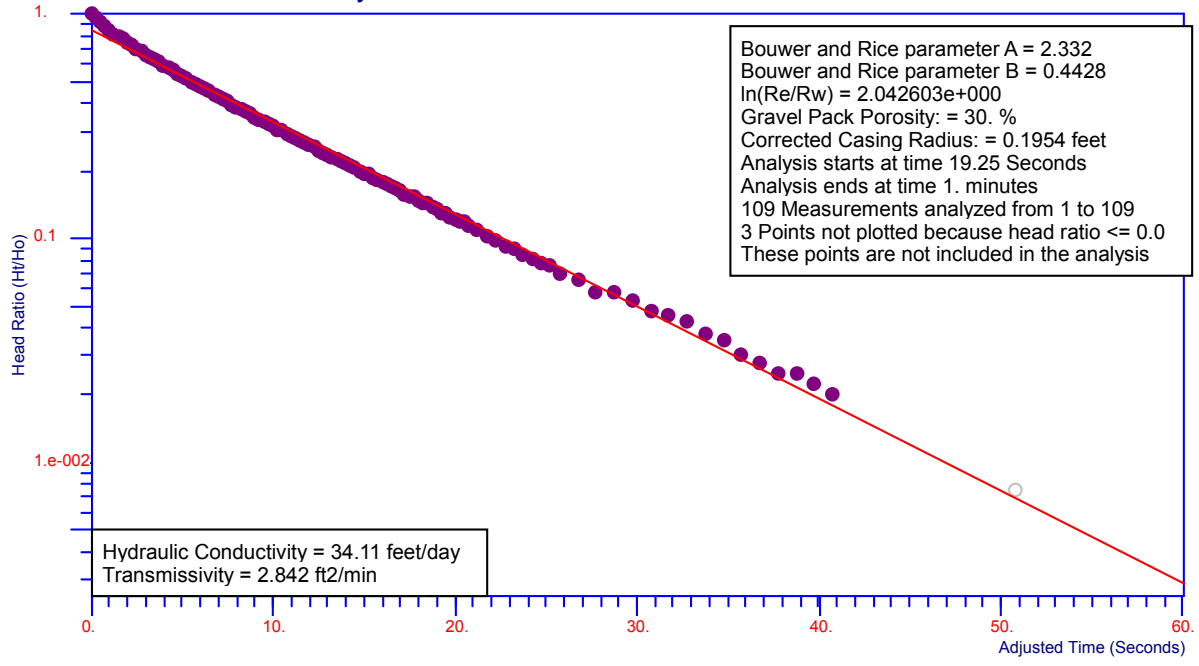
Client:: National Grid
Analysis by Starpoint Software

FW-MW-22I Rising Test 1 05/24/11

Fulton Former MGP Brooklyn, NY

Bouwer and Rice Graph

FW-MW-22I



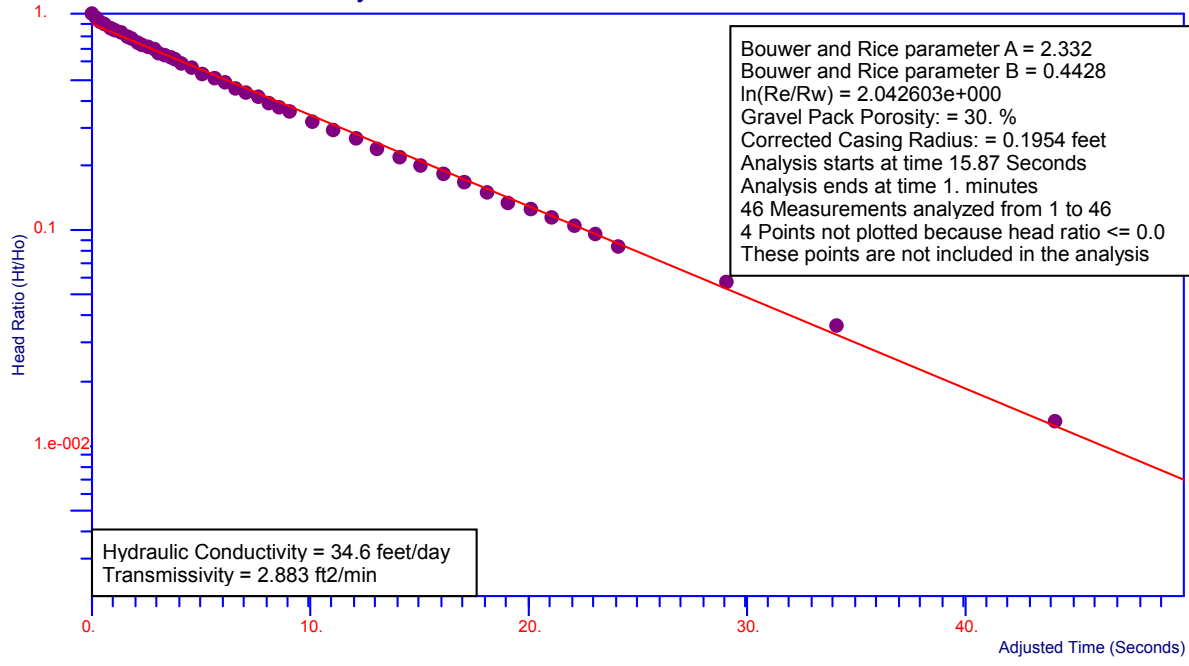
Client:: National Grid
Analysis by Starpoint Software

FW-MW-22I Rising Test 2 05/24/11

Fulton Former MGP Brooklyn, NY

Bouwer and Rice Graph

FW-MW-22I



Client:: National Grid
Analysis by Starpoint Software

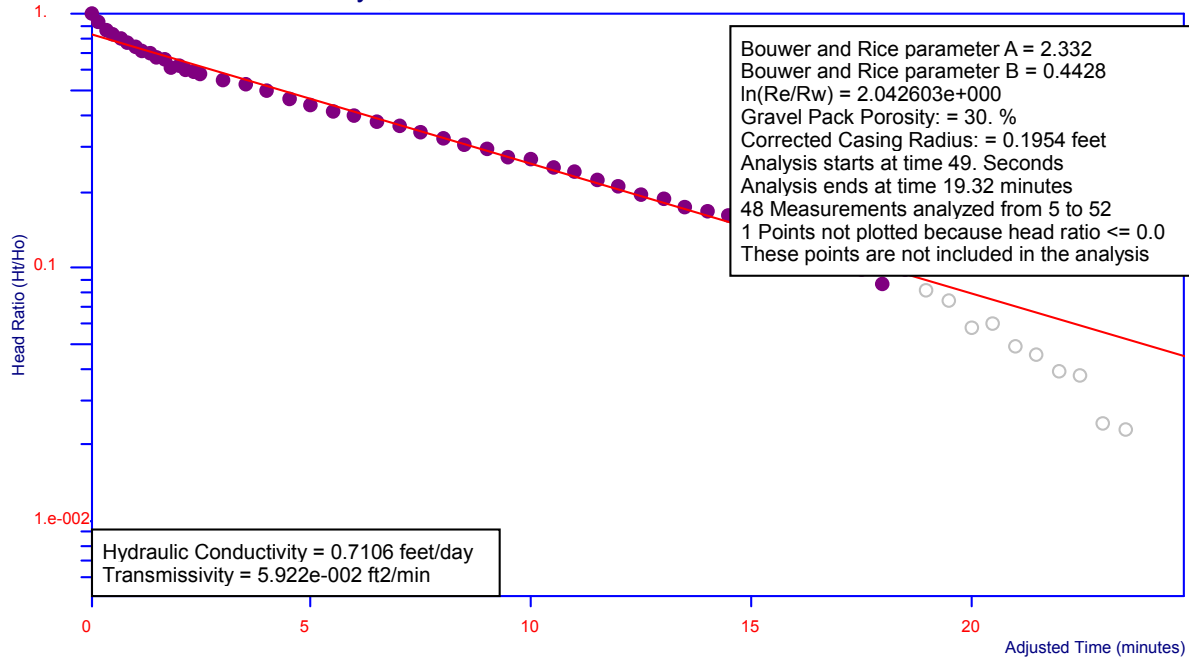
Ho is 4.02 feet at 15.87 Seconds

FW-MW-22S Rising Test 1 05/24/11

Fulton Former MGP Brooklyn, NY

Bouwer and Rice Graph

FW-MW-22S



Client: National Grid
Analysis by Starpoint Software

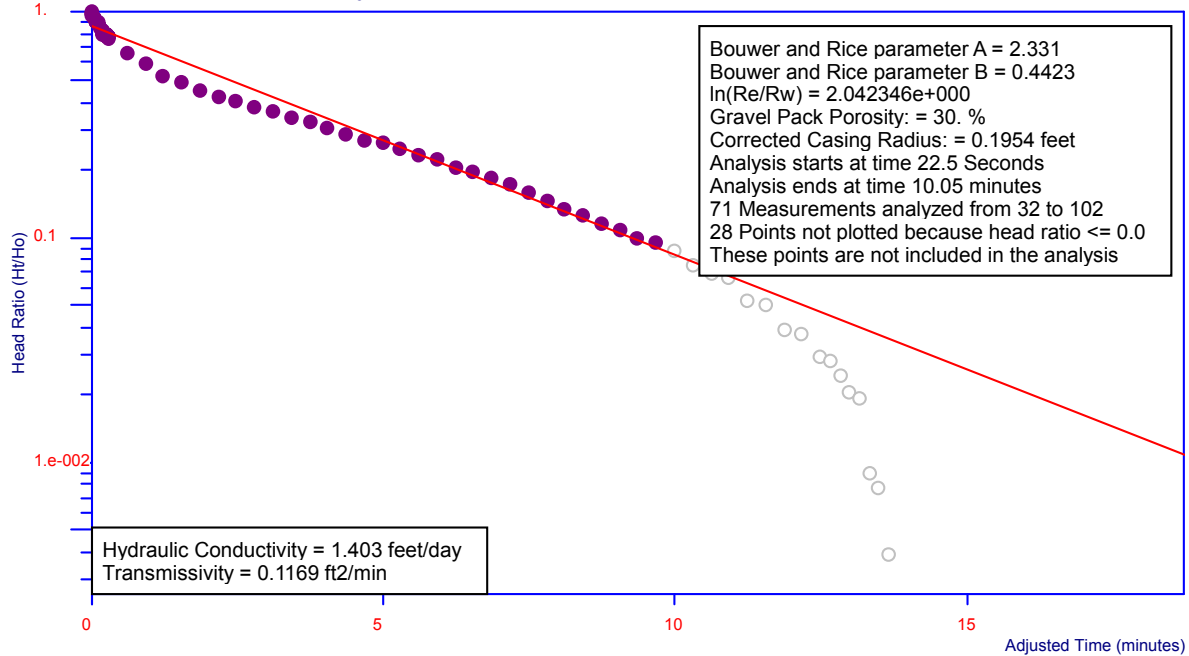
Ho is 0.616 feet at 49. Seconds

FW-MW-22S Rising Test 2 05/24/11

Bouwer and Rice Graph

Fulton Former MGP Brooklyn, NY

FW-MW-22S



Client: National Grid
Analysis by Starpoint Software

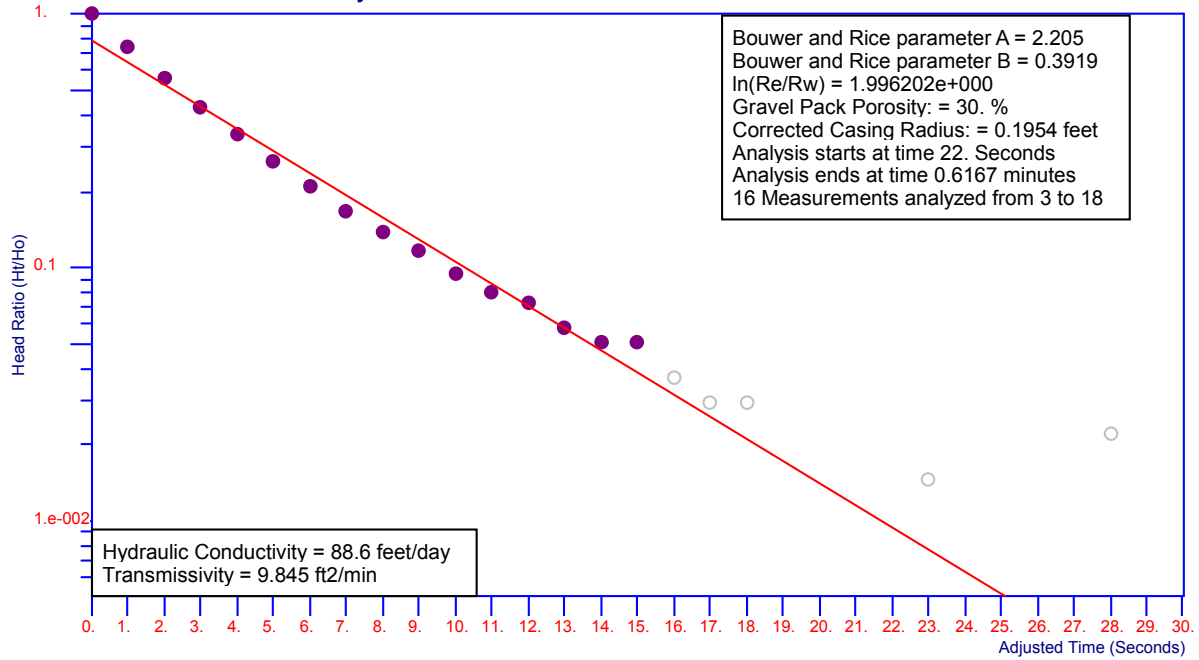
Ho is 0.775 feet at 22.5 Seconds

FW-MW-23I Rising Test 1 05/23/11

Bouwer and Rice Graph

Fulton Former MGP Brooklyn, NY

FW-MW-23I



Client: National Grid
Analysis by Starpoint Software

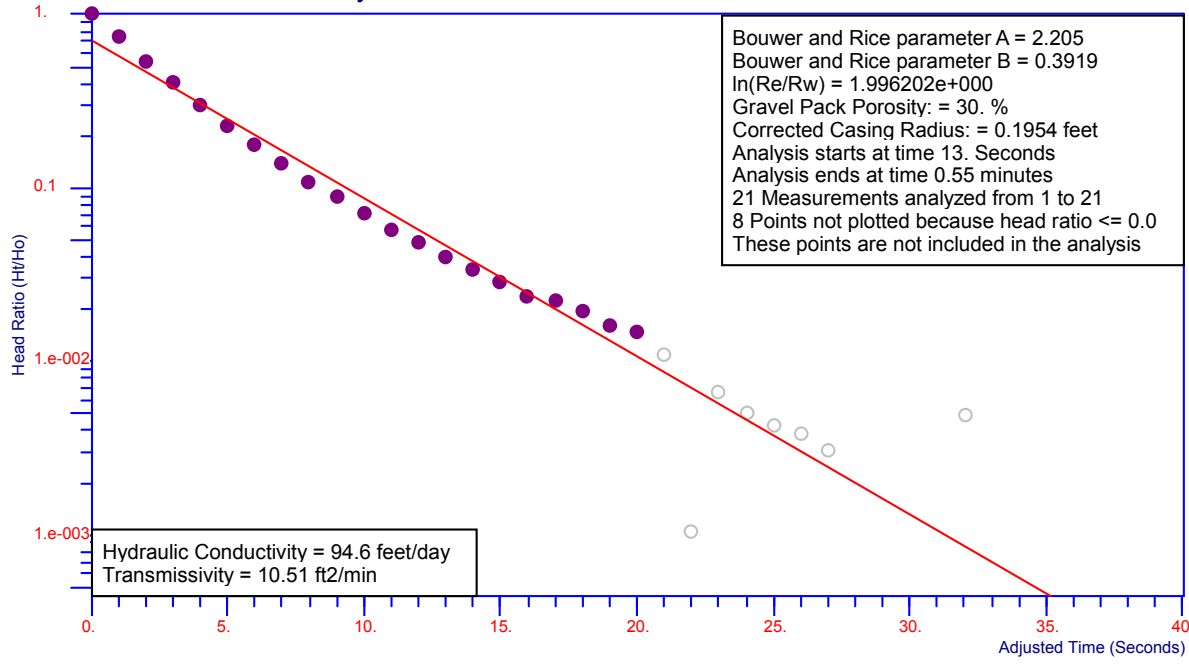
Ho is 1.37 feet at 22. Seconds

FW-MW-23I Rising Test 2 05/23/11

Bouwer and Rice Graph

Fulton Former MGP Brooklyn, NY

FW-MW-23I



Bouwer and Rice parameter A = 2.205
Bouwer and Rice parameter B = 0.3919
 $\ln(R_e/R_w) = 1.996202e+000$
Gravel Pack Porosity: = 30. %
Corrected Casing Radius: = 0.1954 feet
Analysis starts at time 13. Seconds
Analysis ends at time 0.55 minutes
21 Measurements analyzed from 1 to 21
8 Points not plotted because head ratio ≤ 0.0
These points are not included in the analysis

Hydraulic Conductivity = 94.6 feet/day
Transmissivity = 10.51 ft²/min

Client: National Grid
Analysis by Starpoint Software

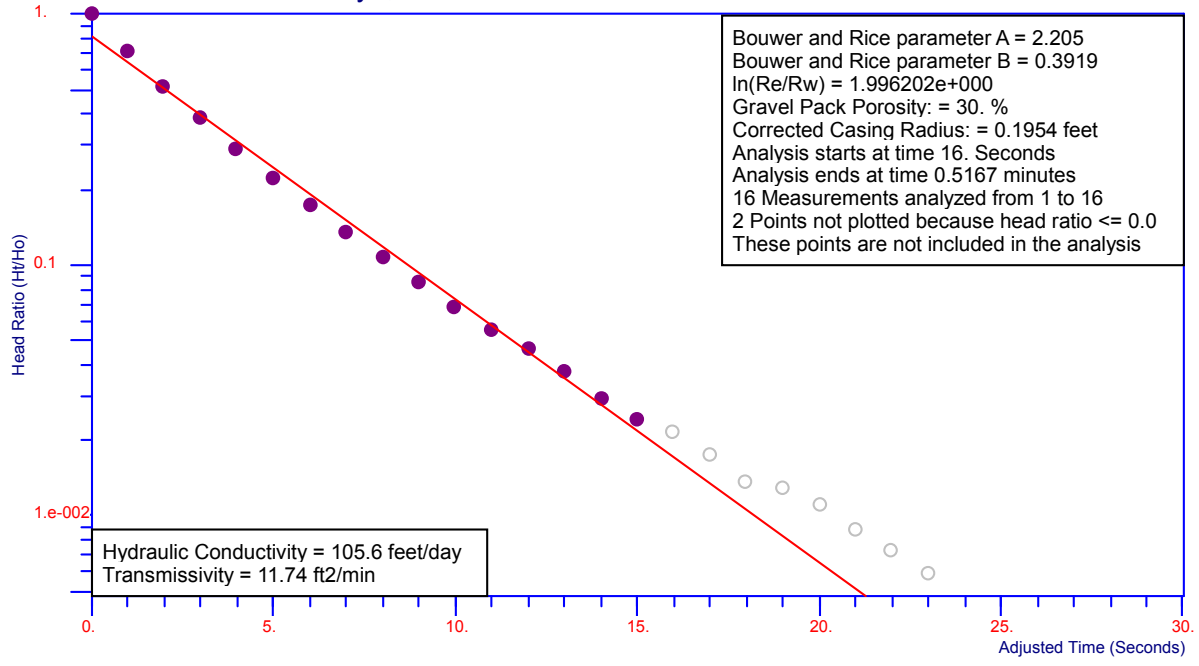
Ho is 2.878 feet at 13. Seconds

FW-MW-23I Rising Test 3 05/23/11

Fulton Former MGP Brooklyn, NY

Bouwer and Rice Graph

FW-MW-23I



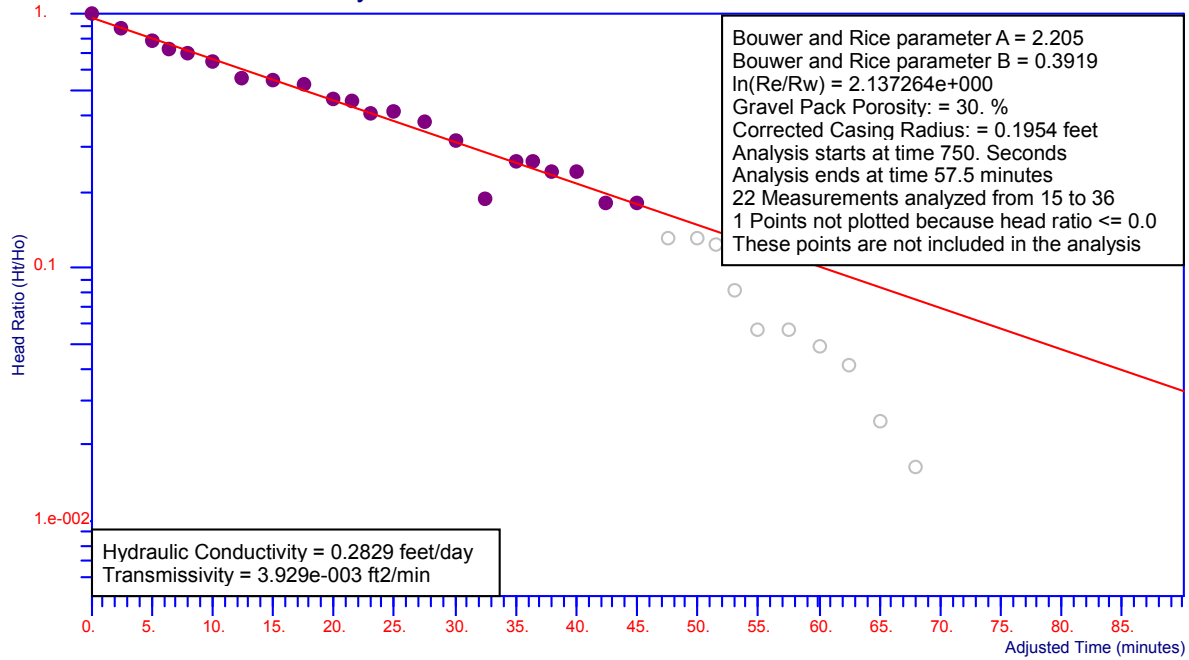
Client: National Grid
Analysis by Starpoint Software

FW-MW-23S Rising Test 1 05/23/11

Fulton Former MGP Brooklyn, NY

Bouwer and Rice Graph

FW-MW-23S



Client:: National Grid
Analysis by Starpoint Software

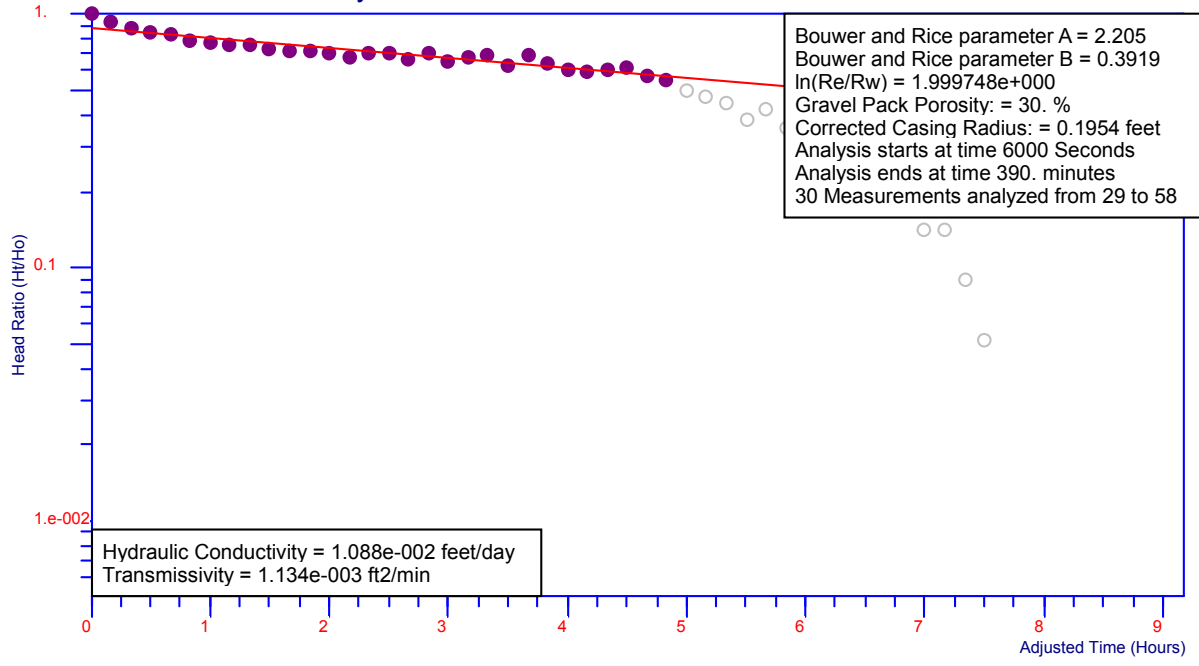
Ho is 0.122 feet at 750. Seconds

FW-MW-23S Rising Test 2 05/24/11

Fulton Former MGP Brooklyn, NY

Bouwer and Rice Graph

FW-MW-23S



Client:: National Grid
Analysis by Starpoint Software

Ho is 7.8e-002 feet at 6000 Seconds