Received
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11/24/10

Statistical Analysis Plan

Bridgeton Landfill, LLC
Bridgeton Sanitary Landfill
Bridgeton, Missouri

Volume II

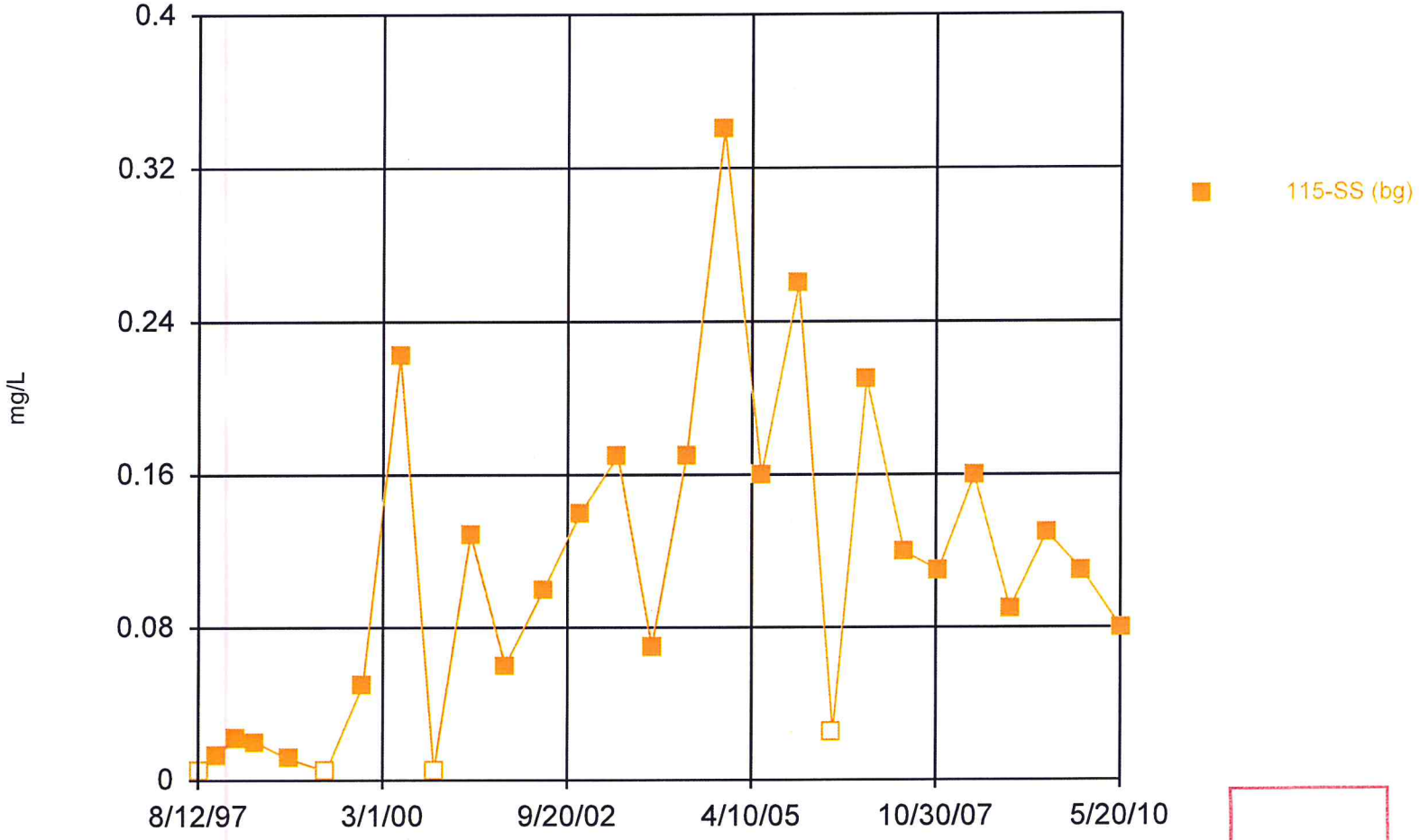
November 2010

HERST & ASSOCIATES, INC.®

4631 North St. Peters Parkway
St. Charles, Missouri 63304
Telephone: (636) 939-9111
Facsimile: (636) 939-9757

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

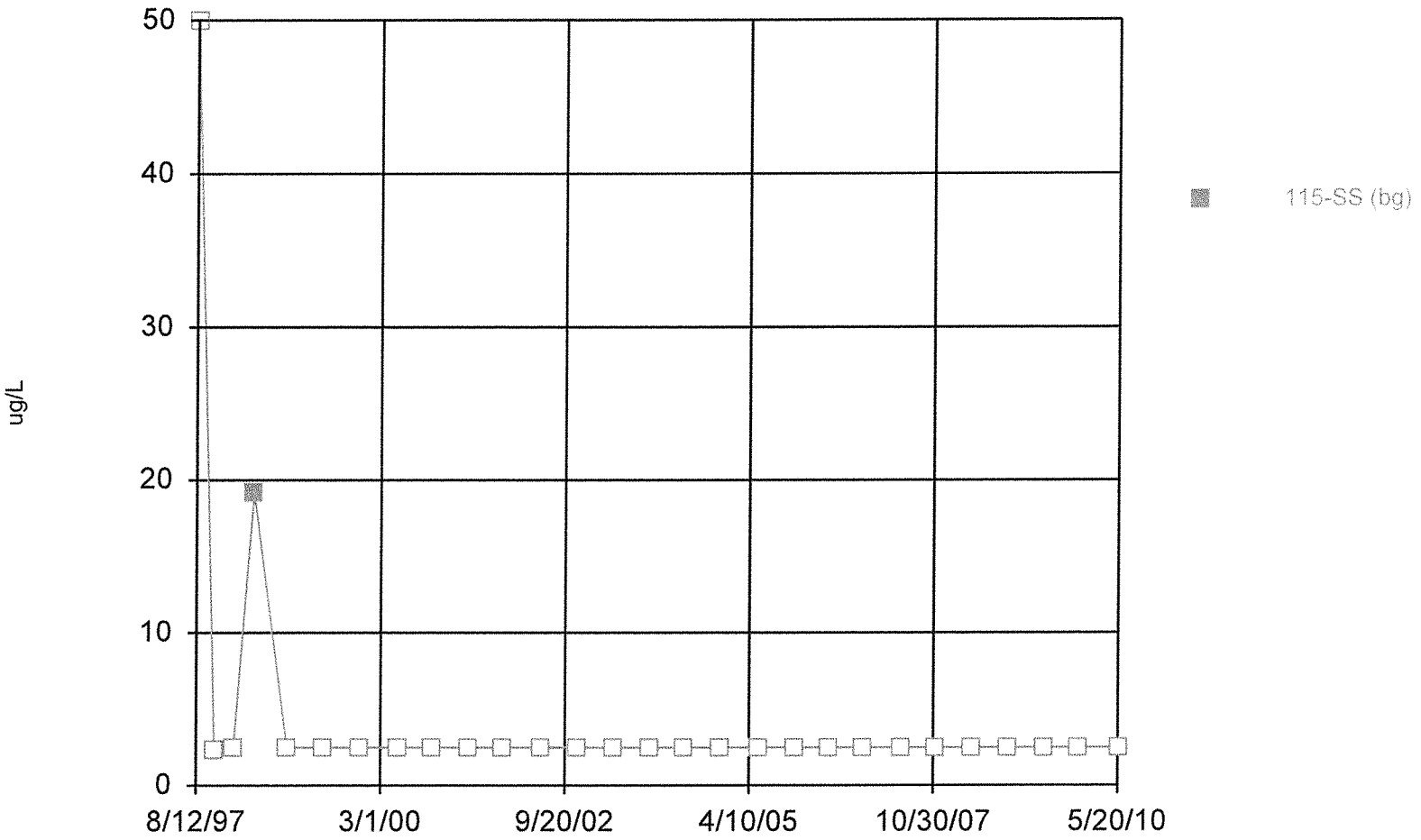


Constituent: Phosphorus Total Analysis Run 11/1/2010 10:59 AM
Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

Received
NOV 24 2010
SWMP

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

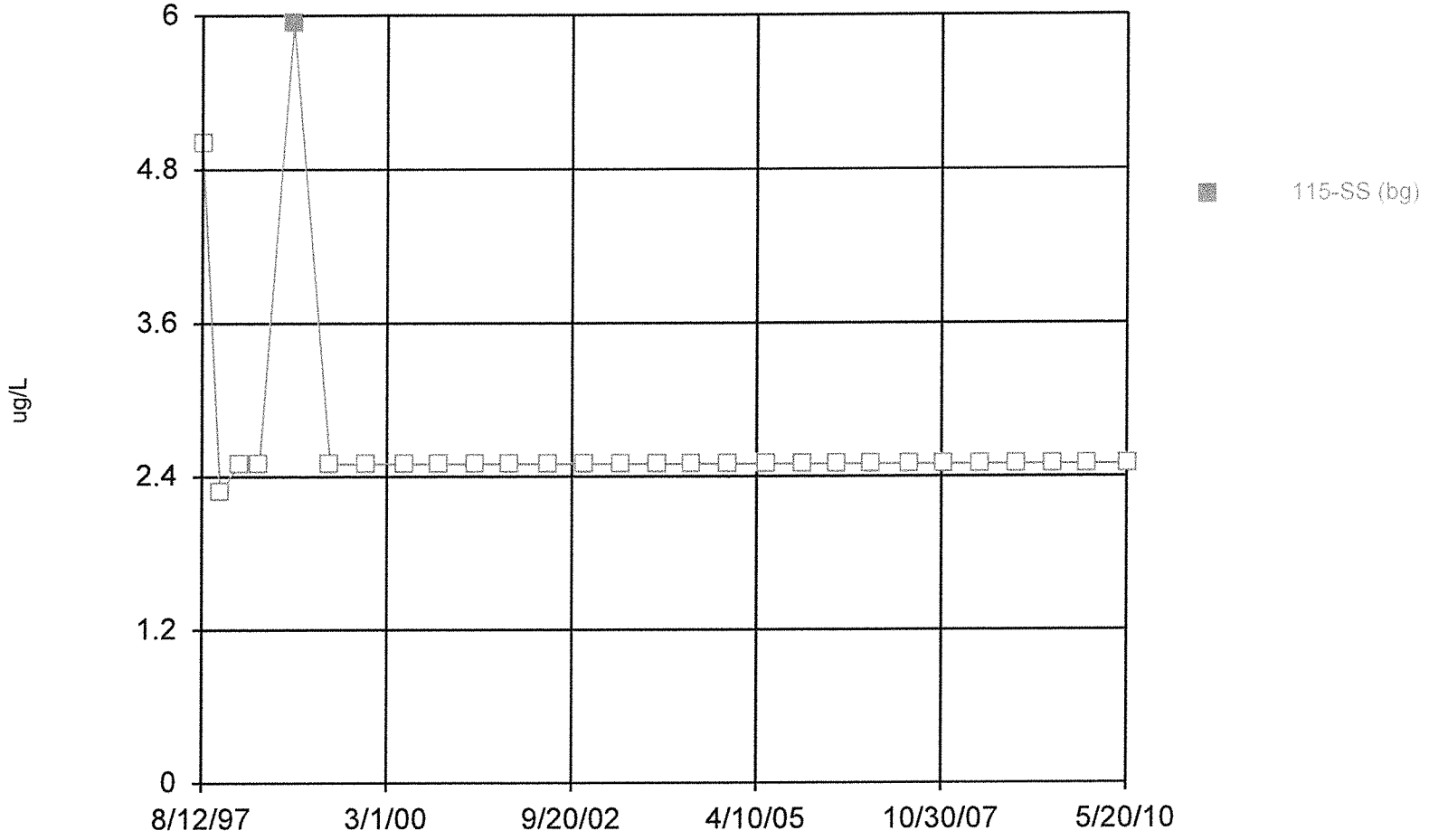


Constituent: Selenium Total Analysis Run 11/1/2010 10:59 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a, UG
Hollow symbols indicate censored values.

Time Series

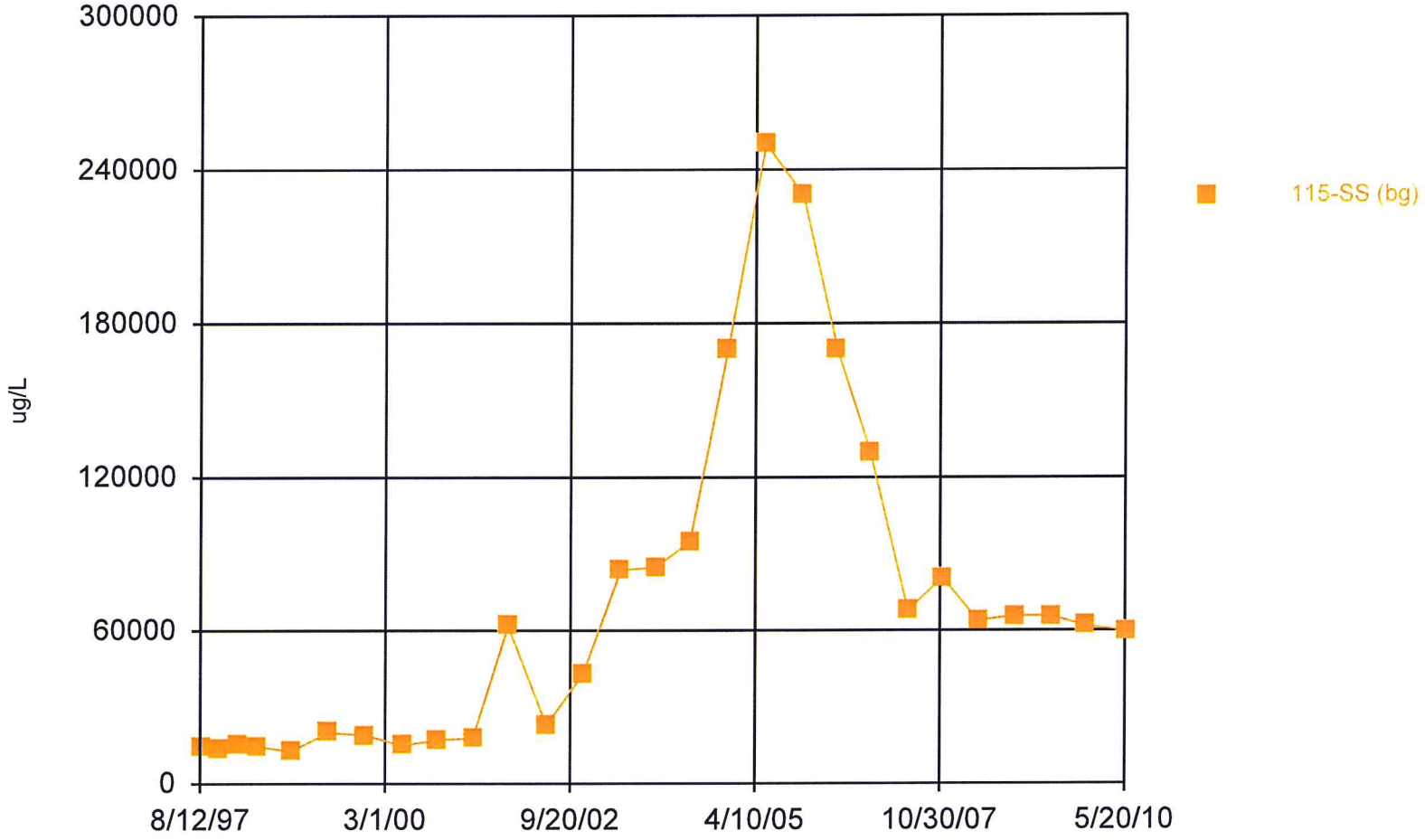


Constituent: Silver Total Analysis Run 11/1/2010 10:59 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

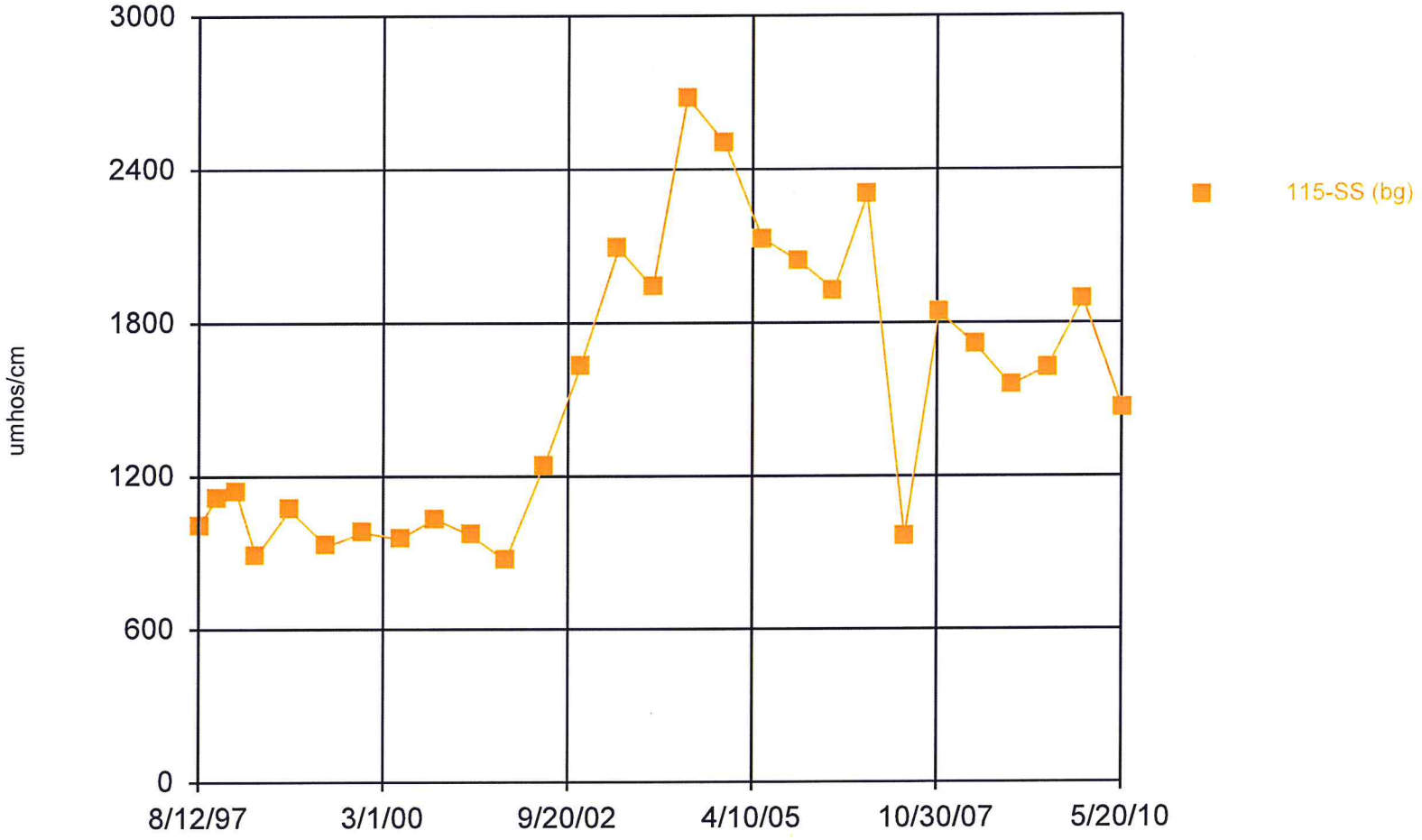


Constituent: Sodium Total Analysis Run 11/1/2010 10:59 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

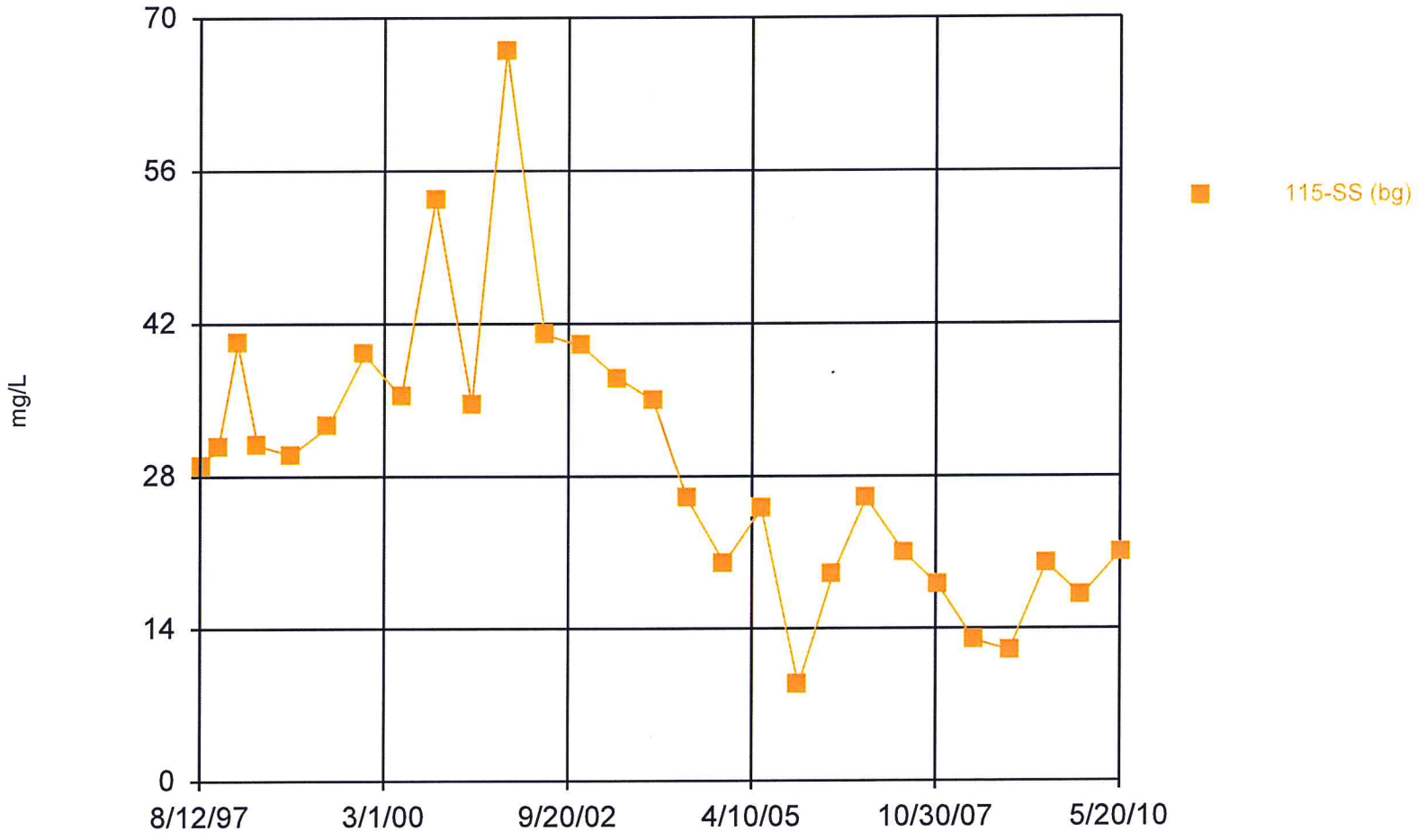


Constituent: Specific Conductance [Field] Analysis Run 11/1/2010 10:59 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

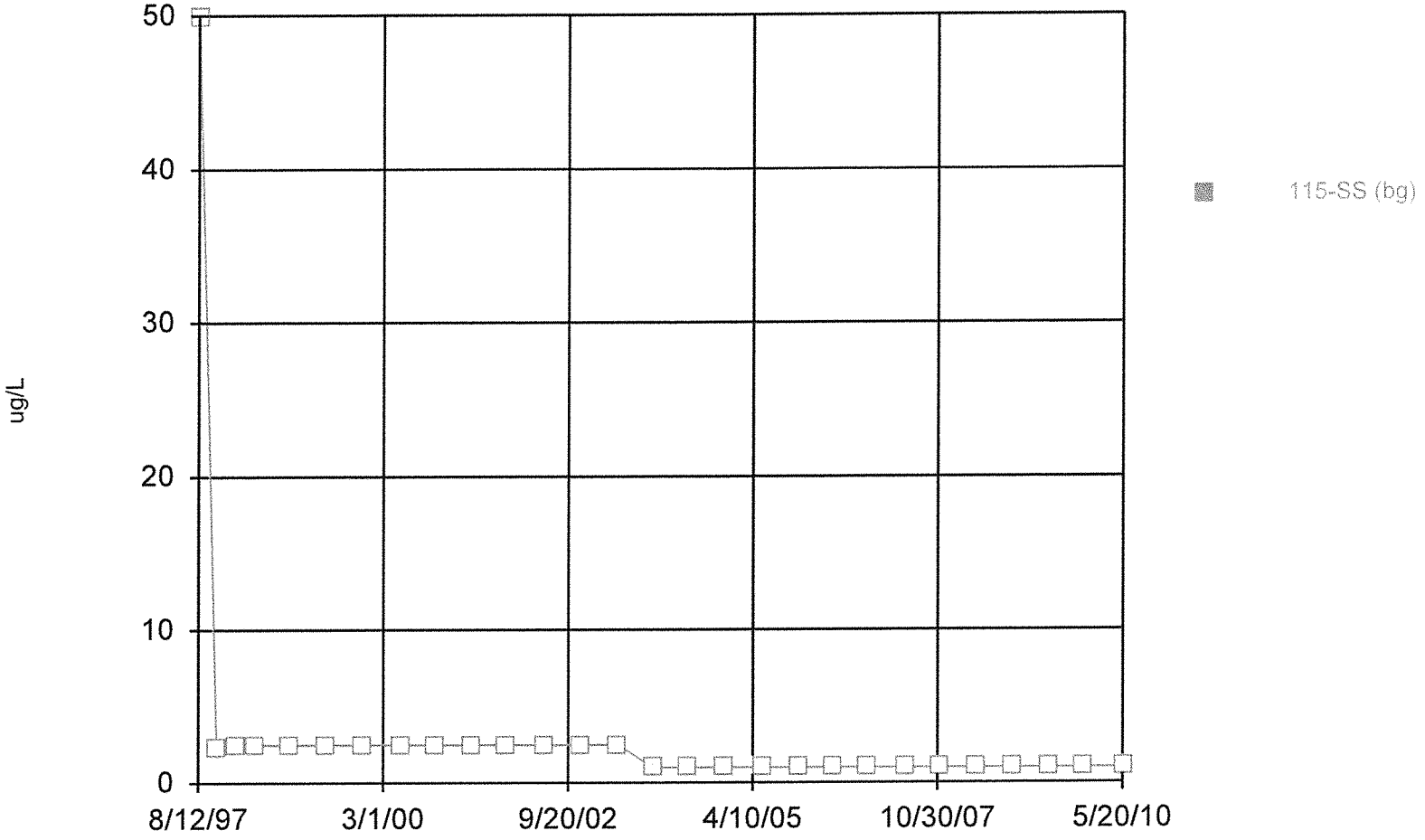


Constituent: Sulfate as SO4 Analysis Run 11/1/2010 10:59 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

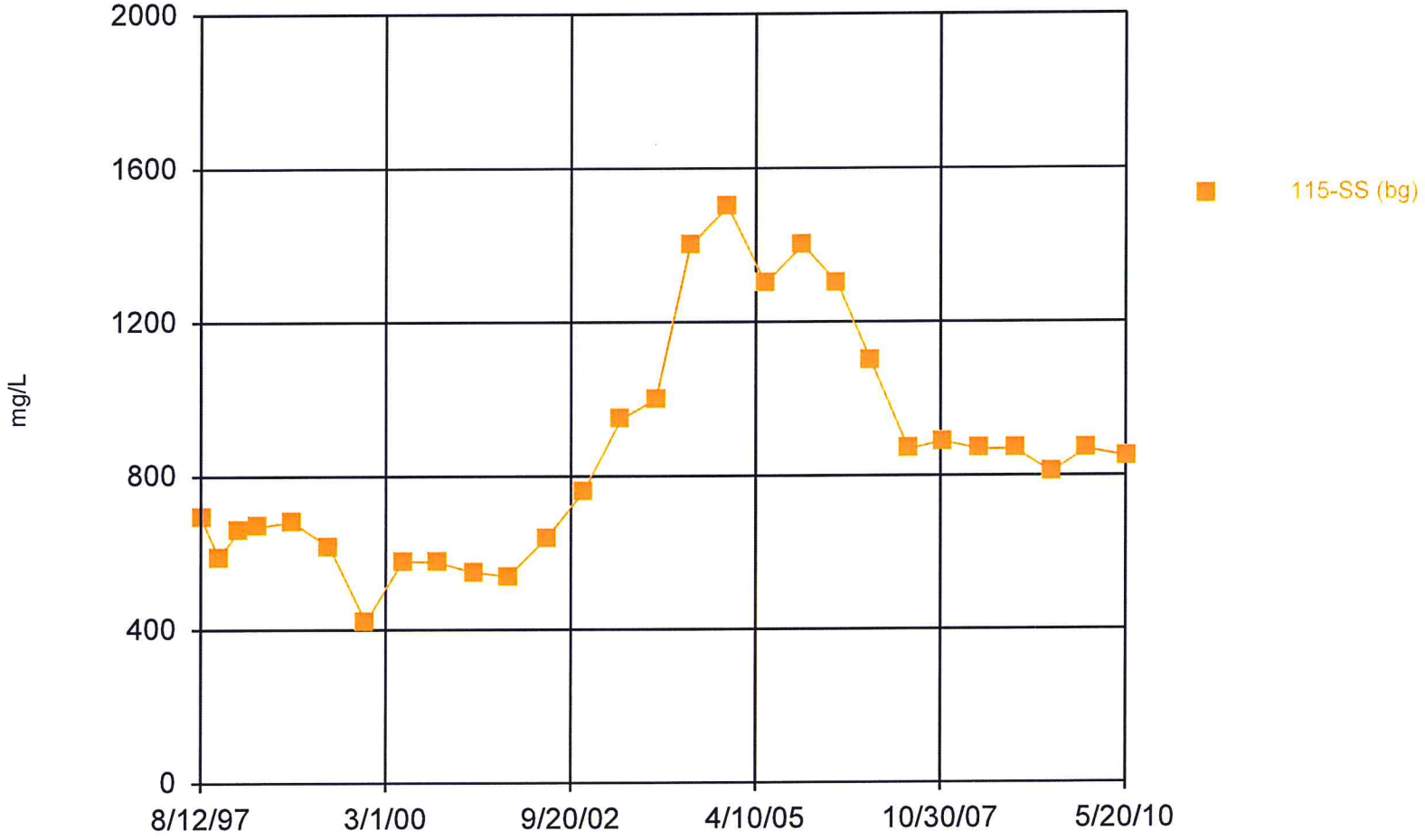


Constituent: Thallium Total Analysis Run 11/1/2010 10:59 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

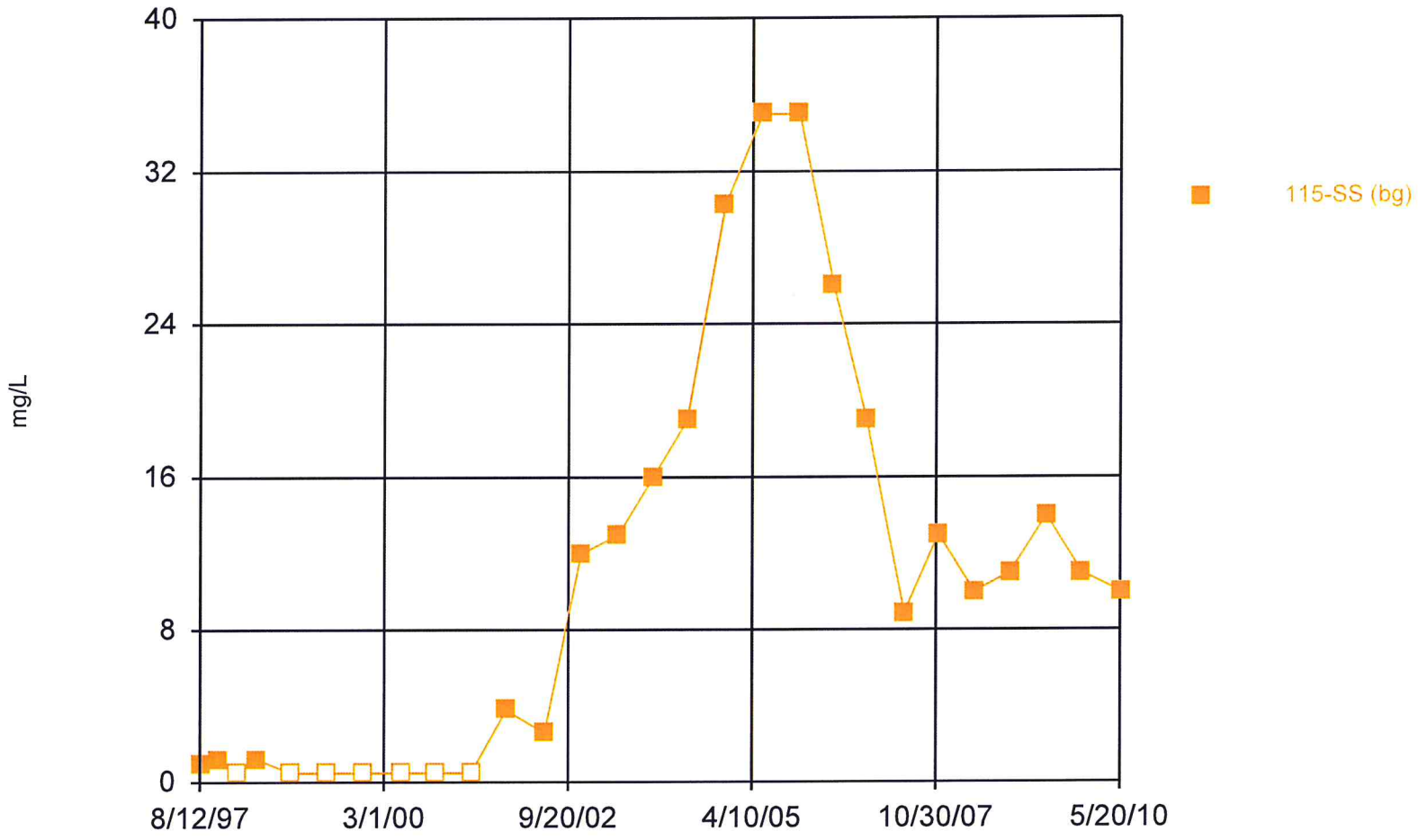


Constituent: Total Dissolved Solids [TDS] Analysis Run 11/1/2010 10:59 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

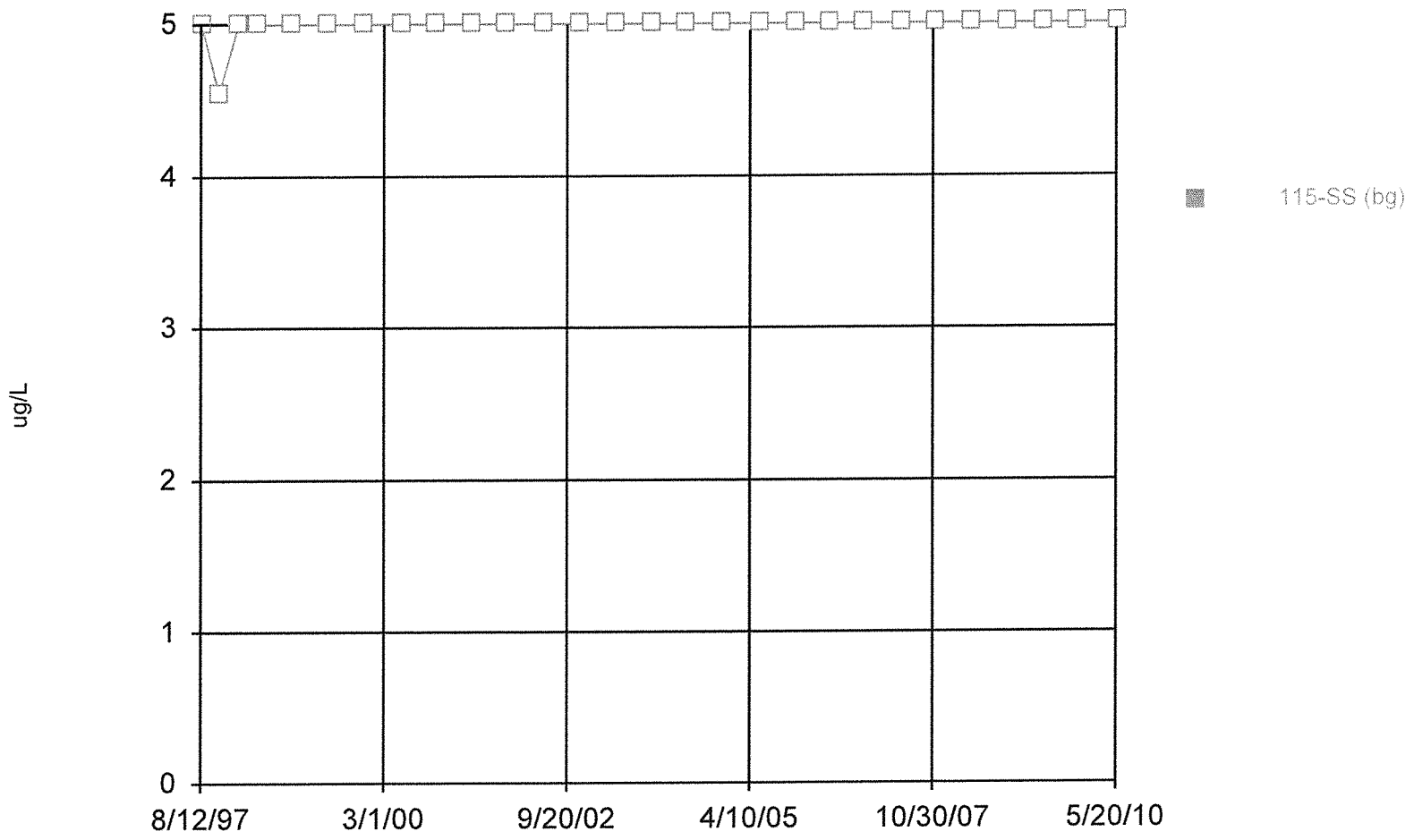


Constituent: Total Organic Carbon [TOC] Analysis Run 11/1/2010 10:59 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

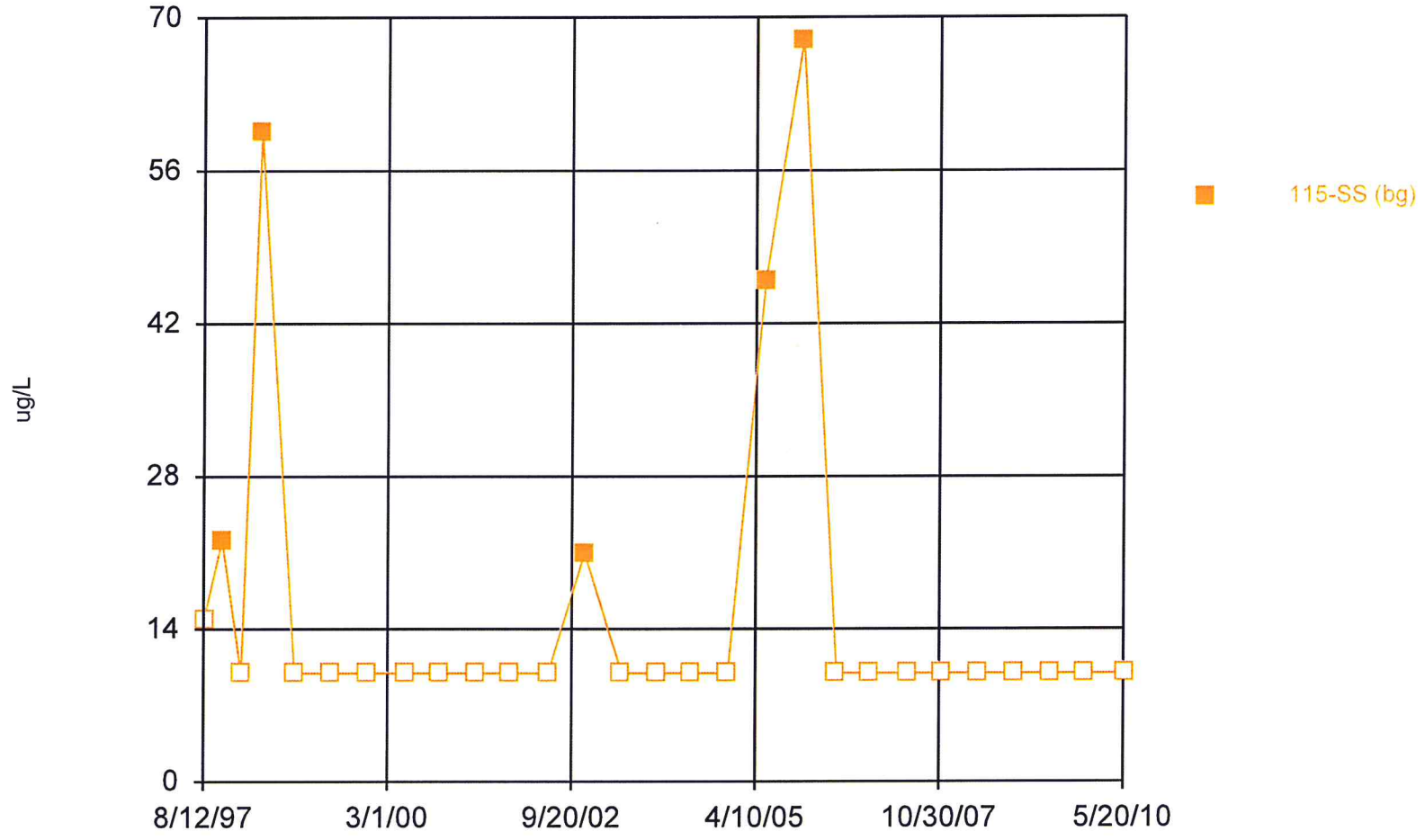


Constituent: Vanadium Total Analysis Run 11/1/2010 10:59 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

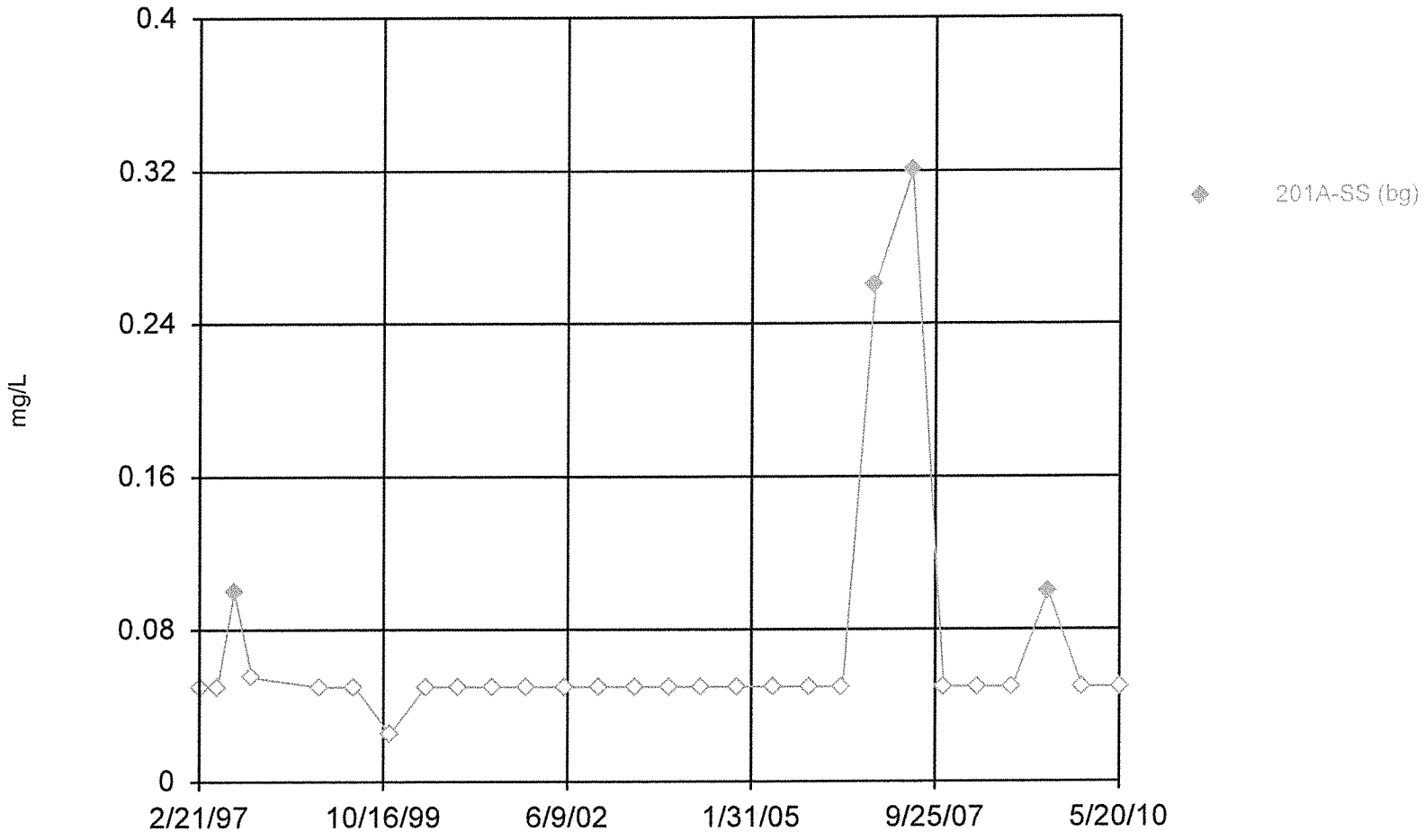


Constituent: Zinc Total Analysis Run 11/1/2010 10:59 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

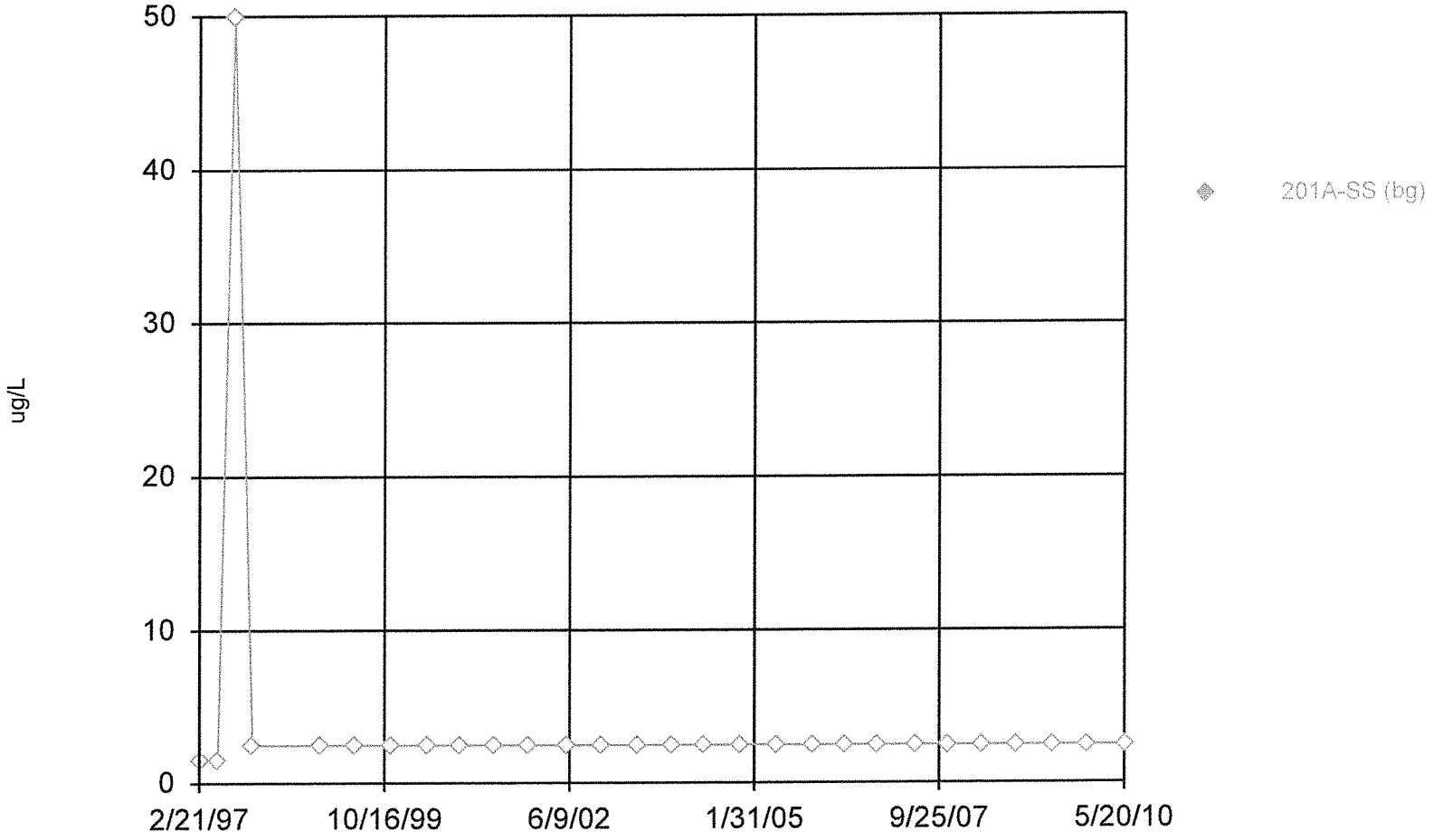


Constituent: Ammonia as N Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

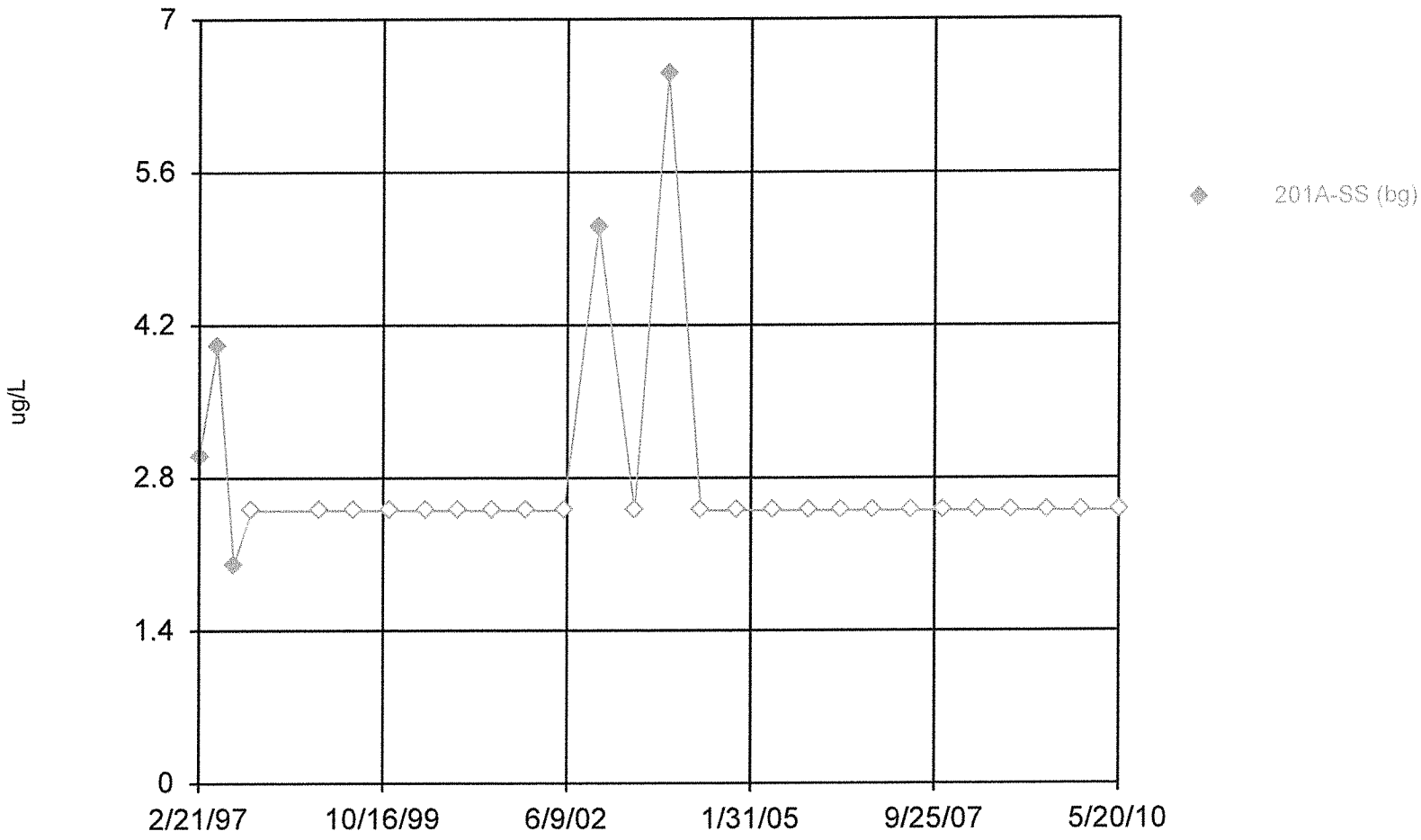


Constituent: Antimony Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

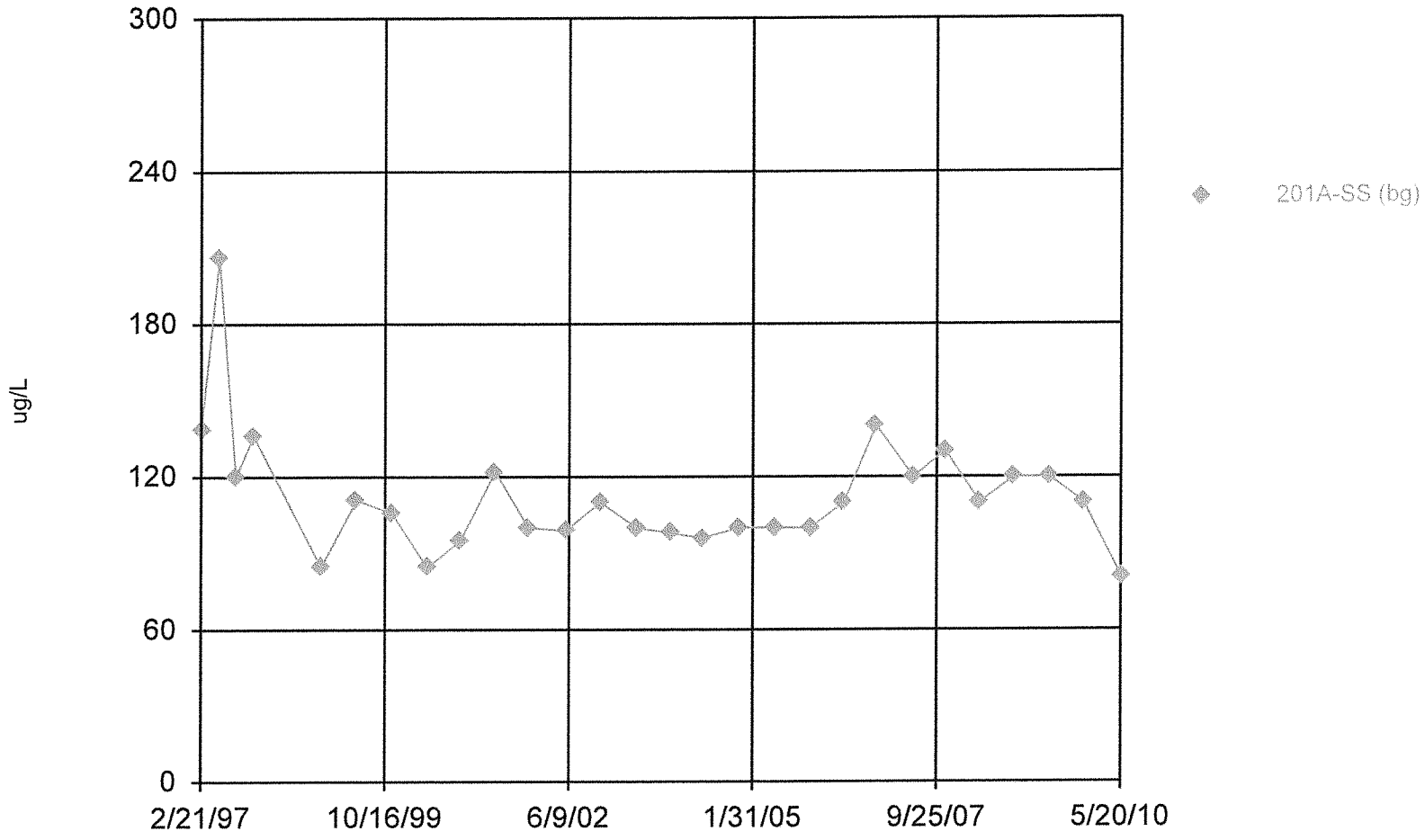


Constituent: Arsenic Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

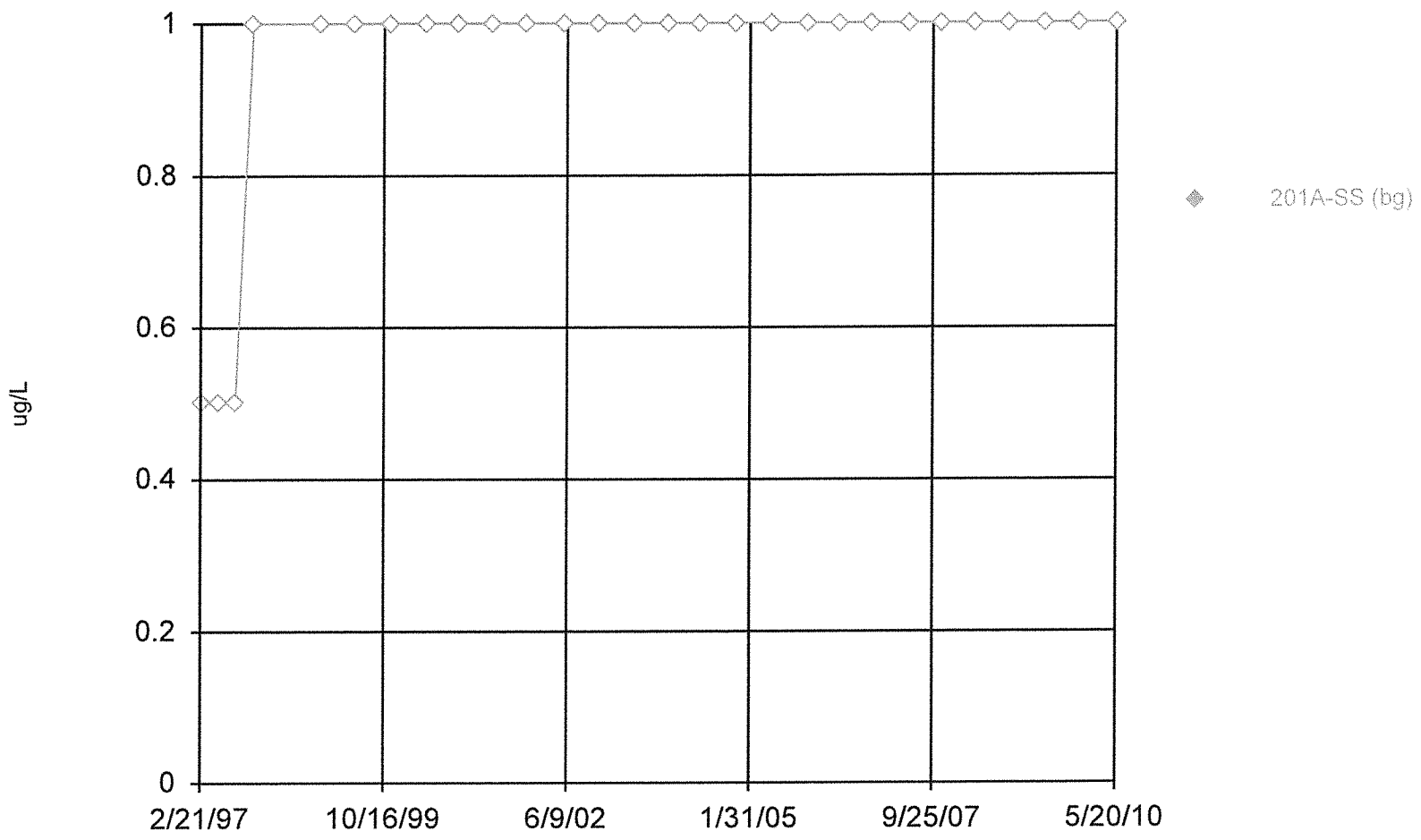


Constituent: Barium Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

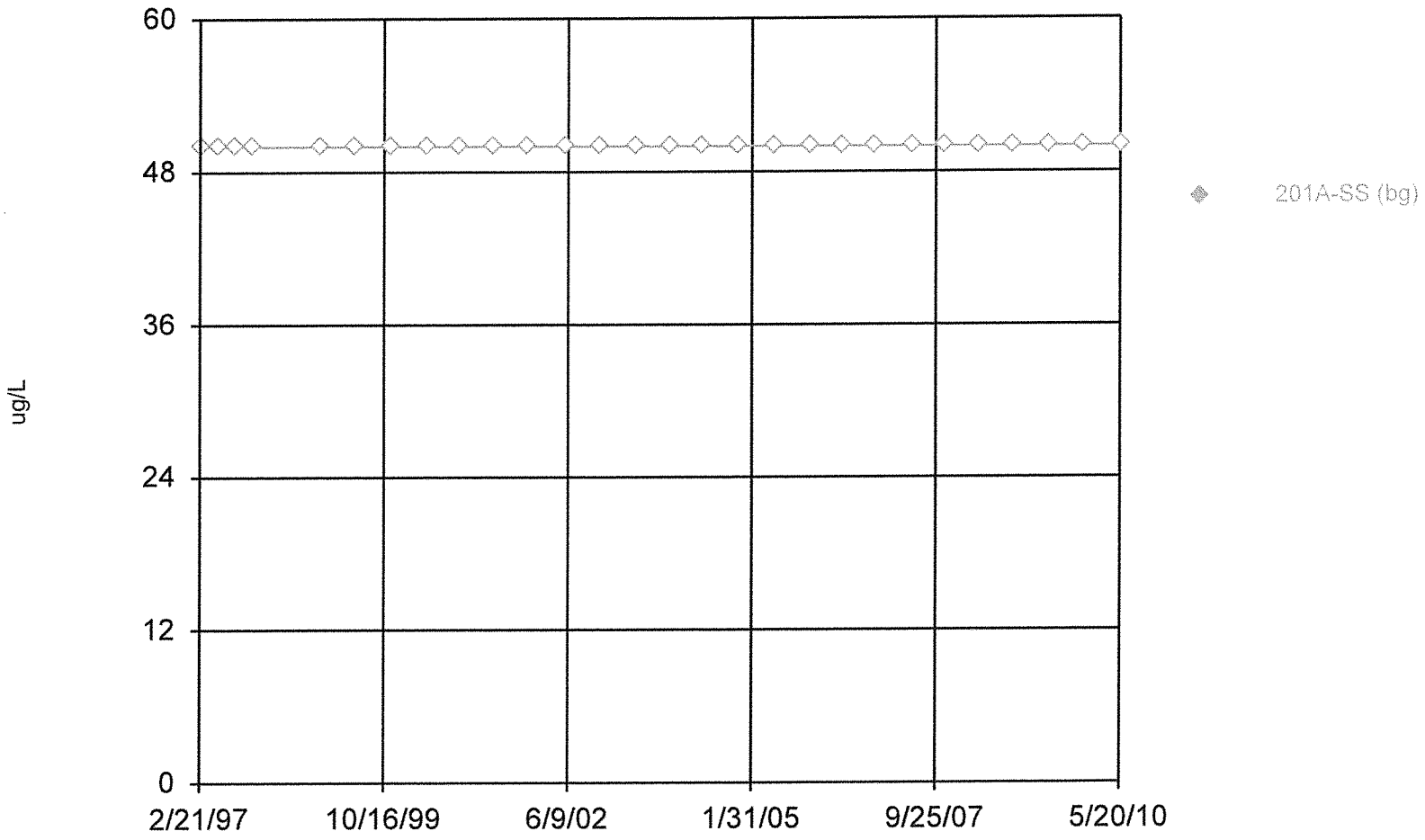


Constituent: Beryllium Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

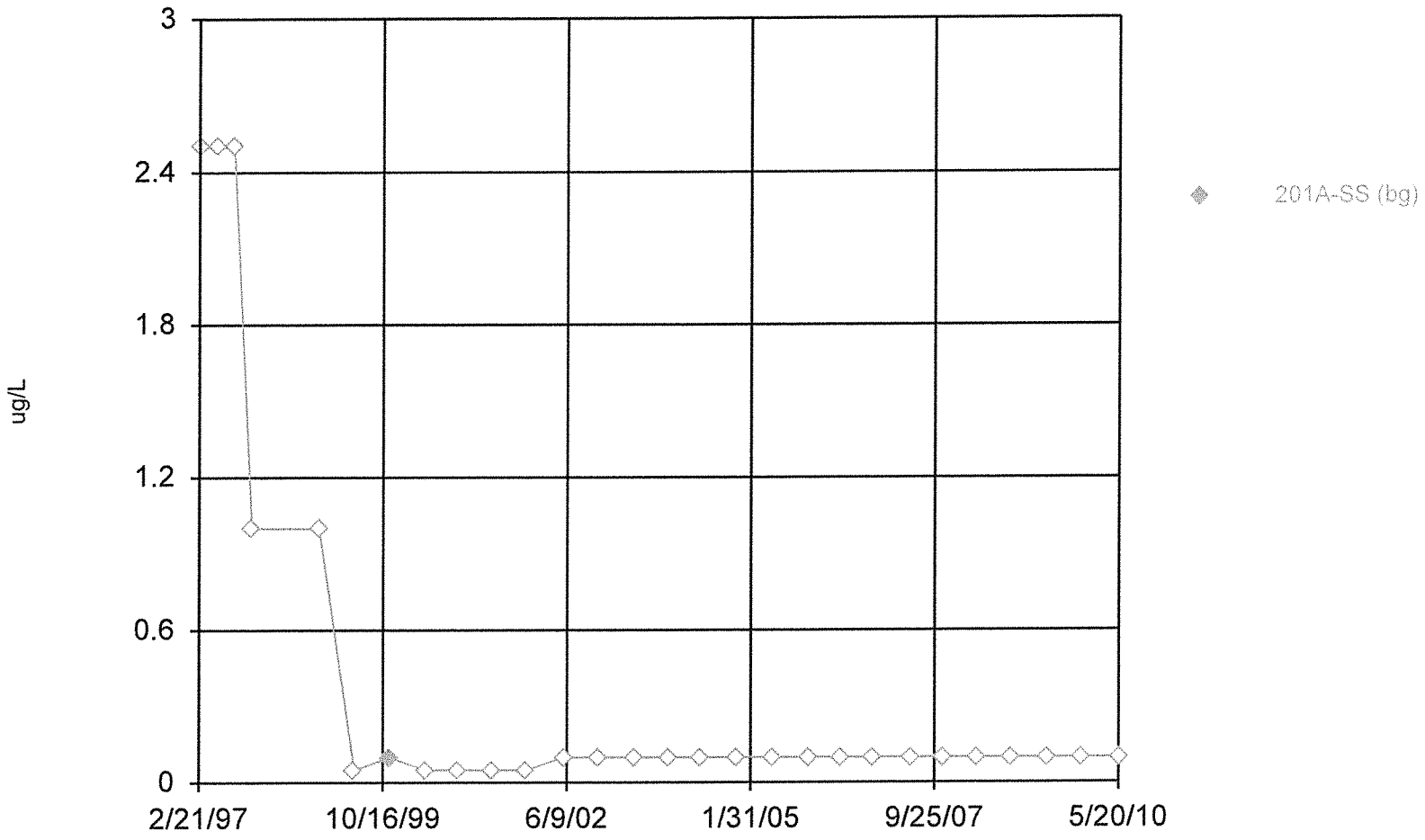


Constituent: Boron Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

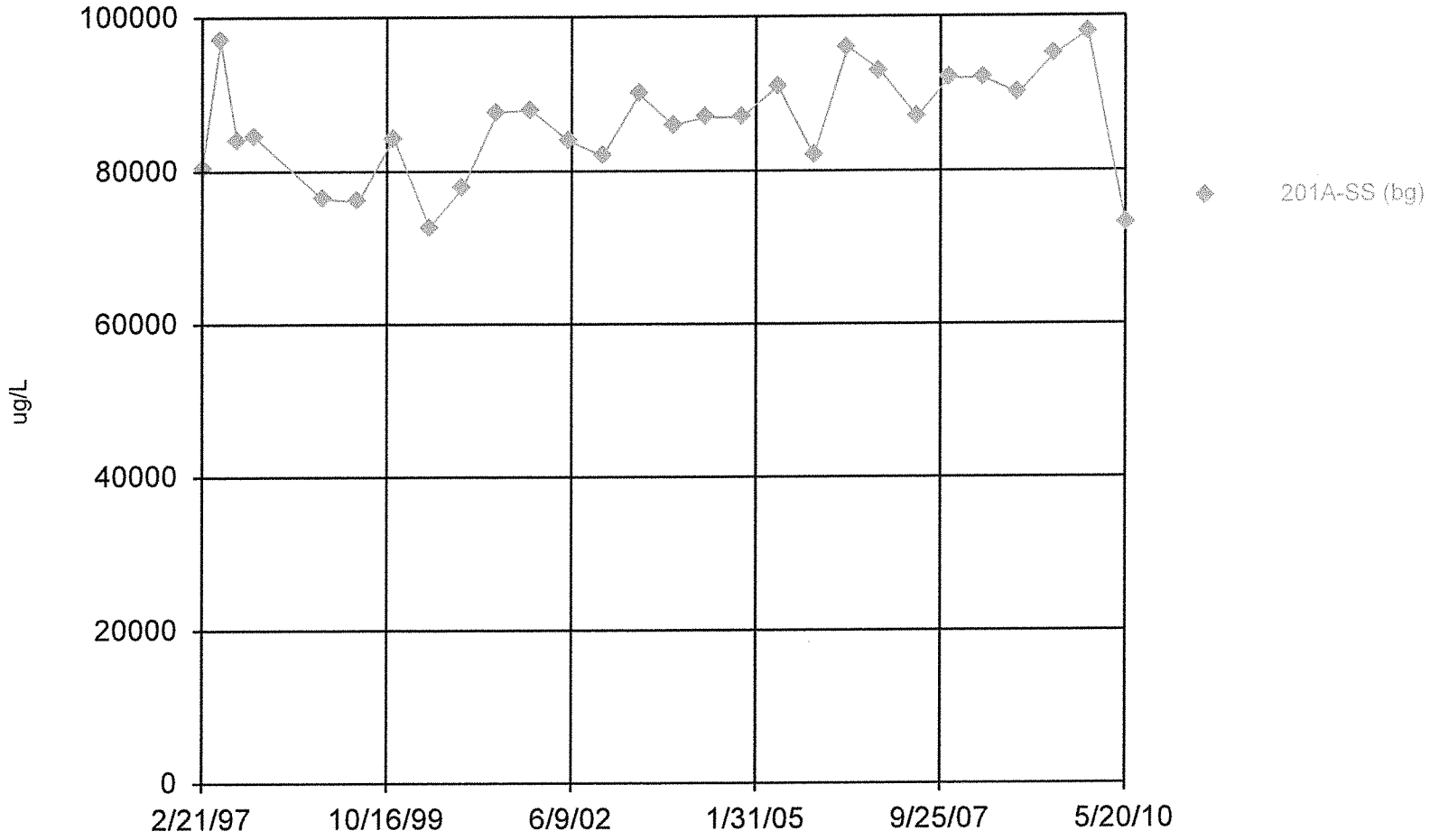


Constituent: Cadmium Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

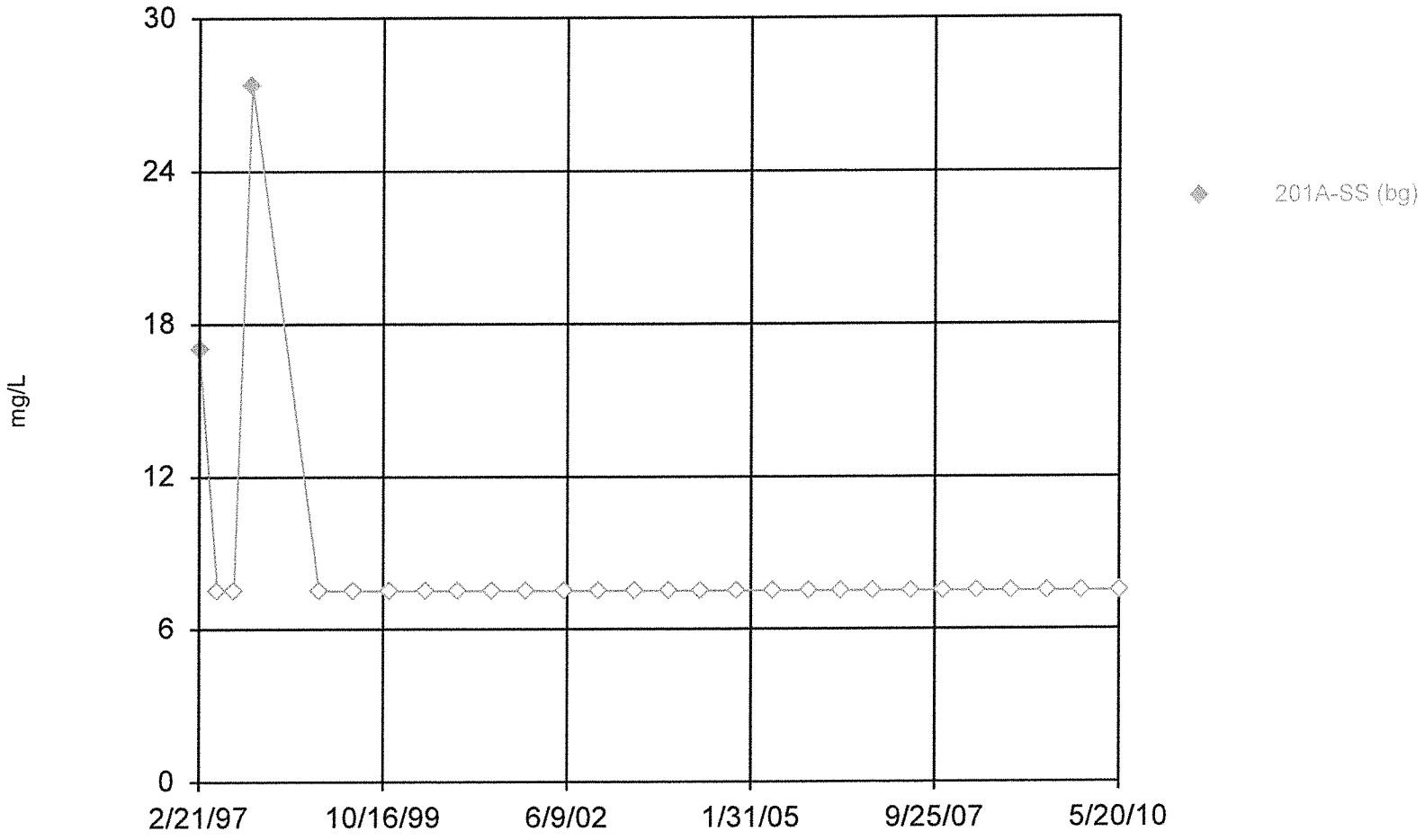


Constituent: Calcium Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

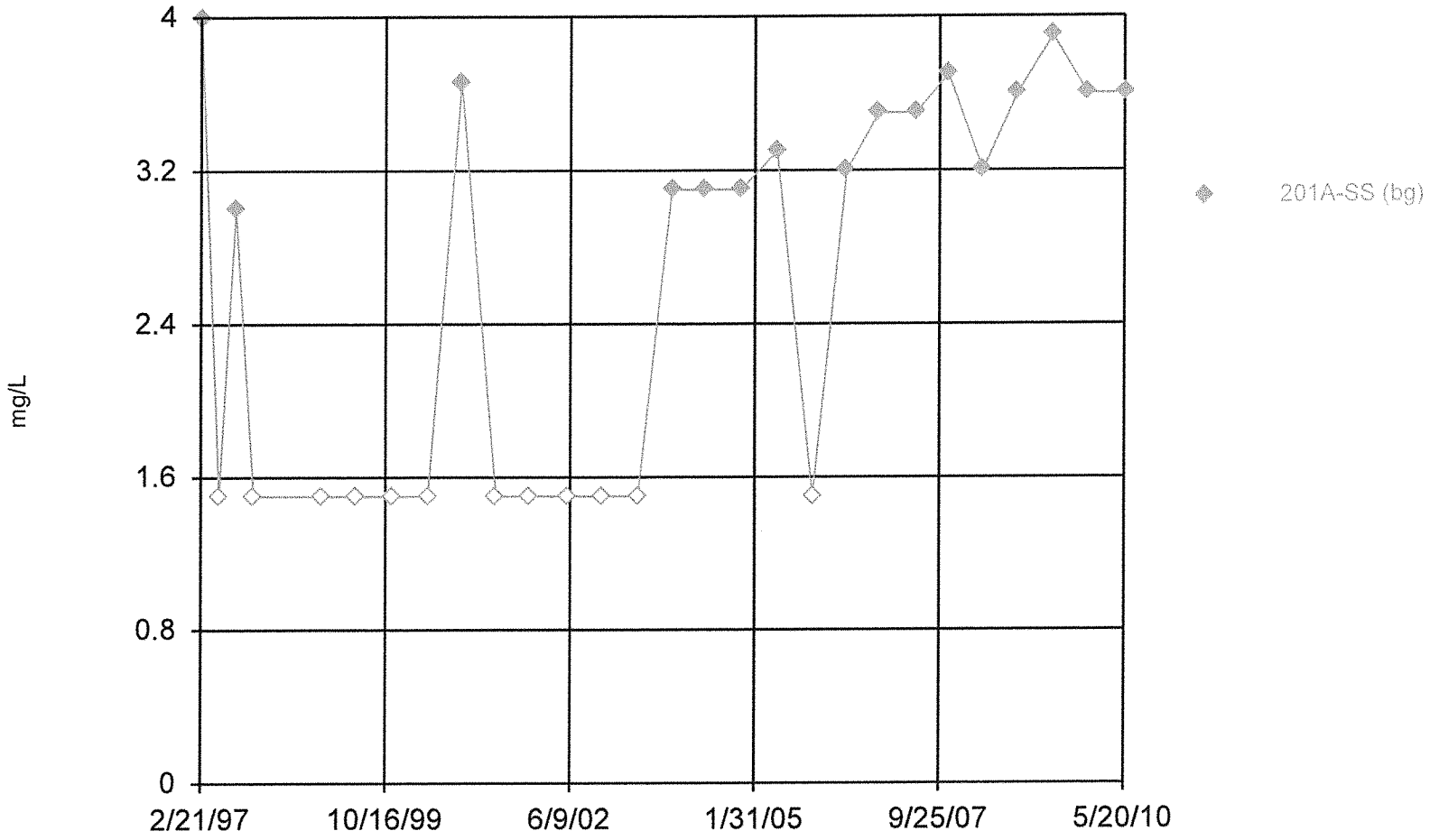


Constituent: Chemical Oxygen Demand [COD] Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

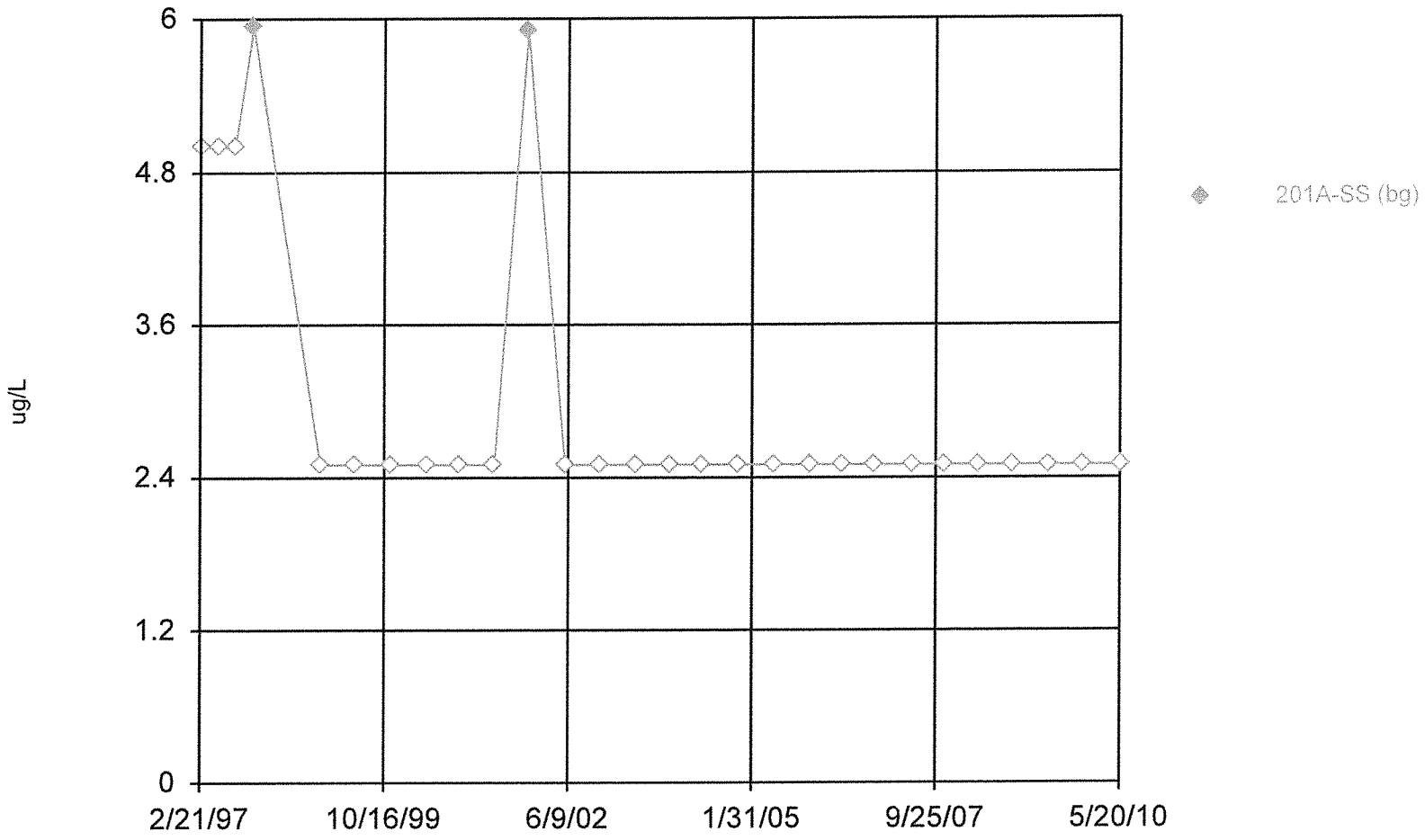


Constituent: Chloride Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

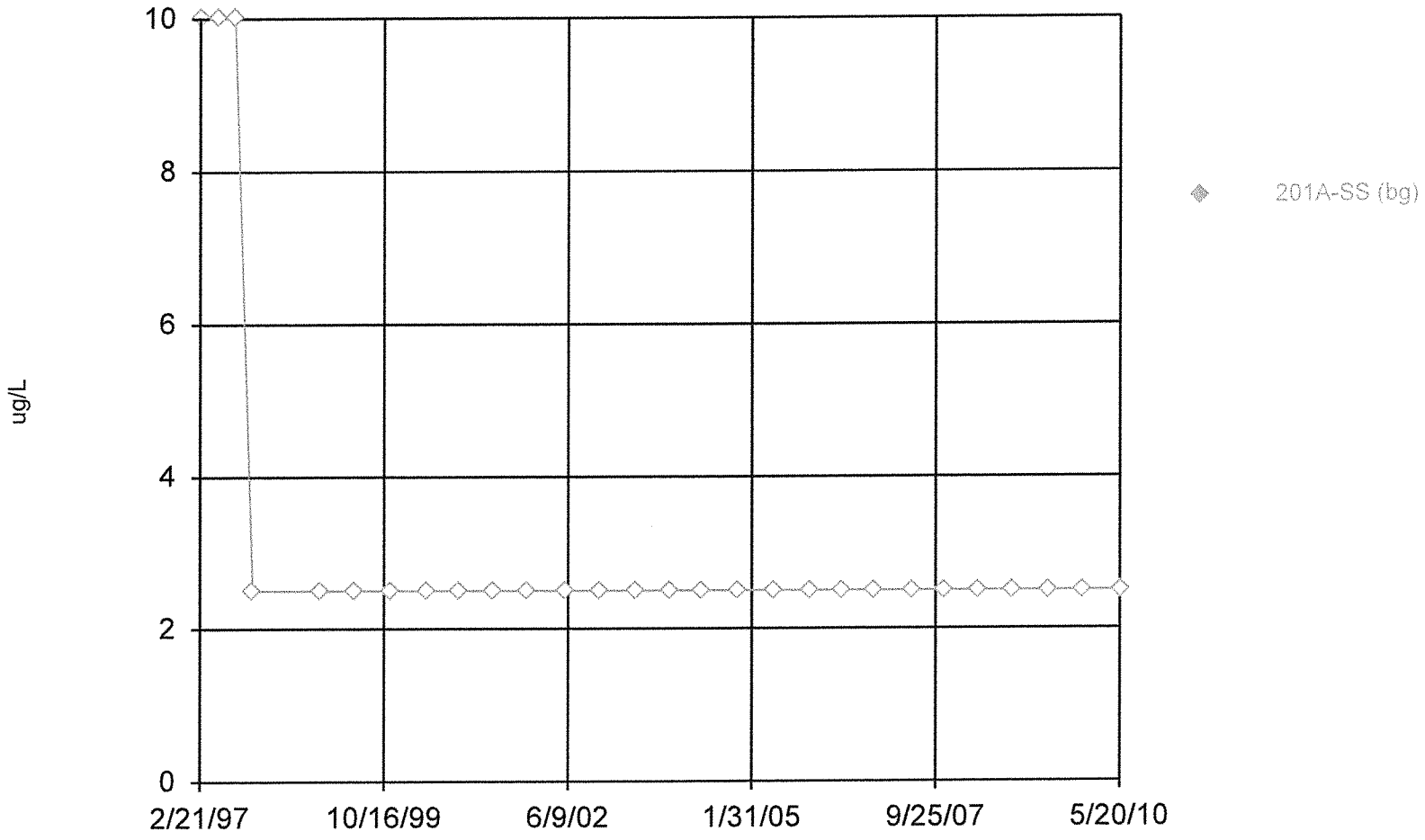


Constituent: Chromium Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

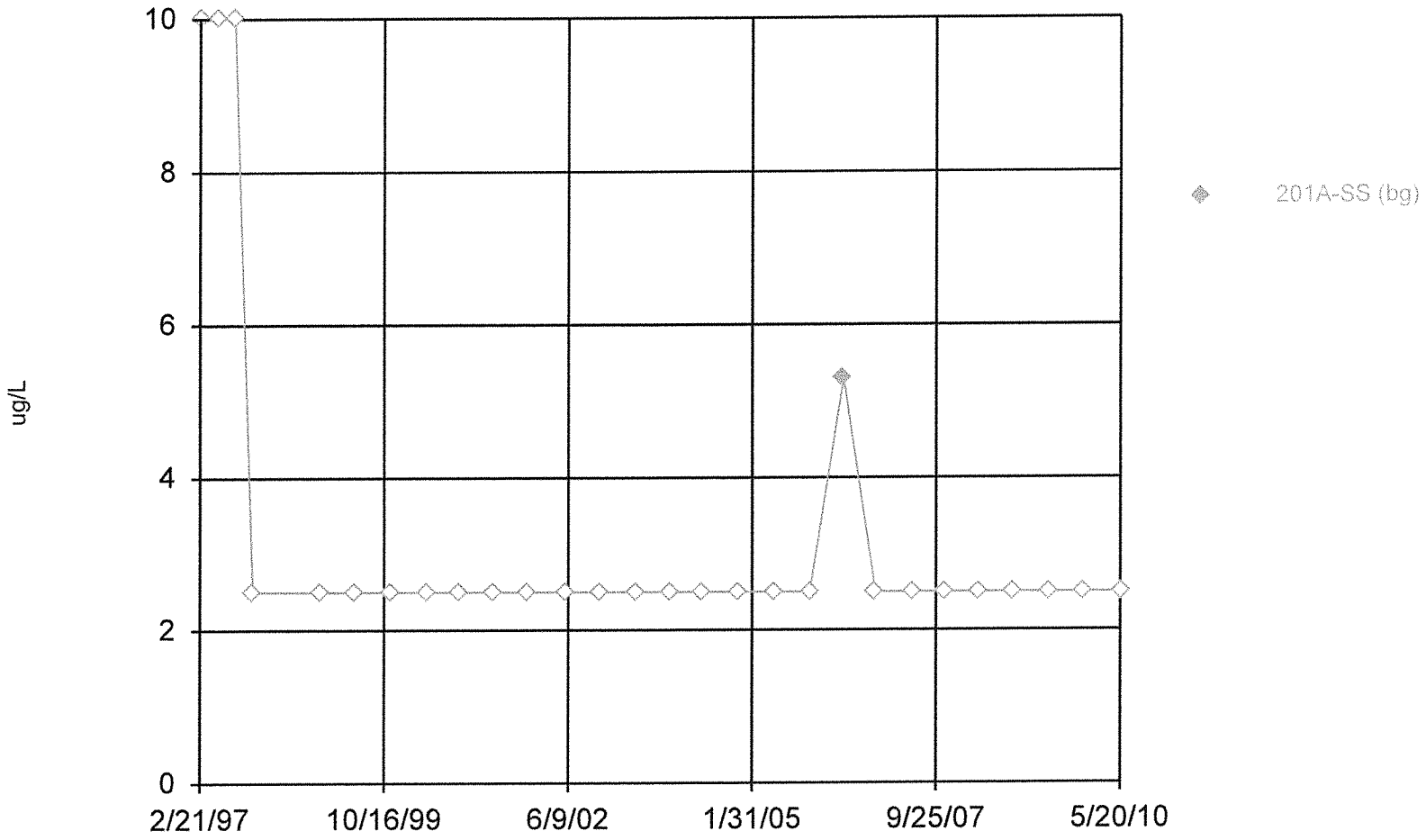


Constituent: Cobalt Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

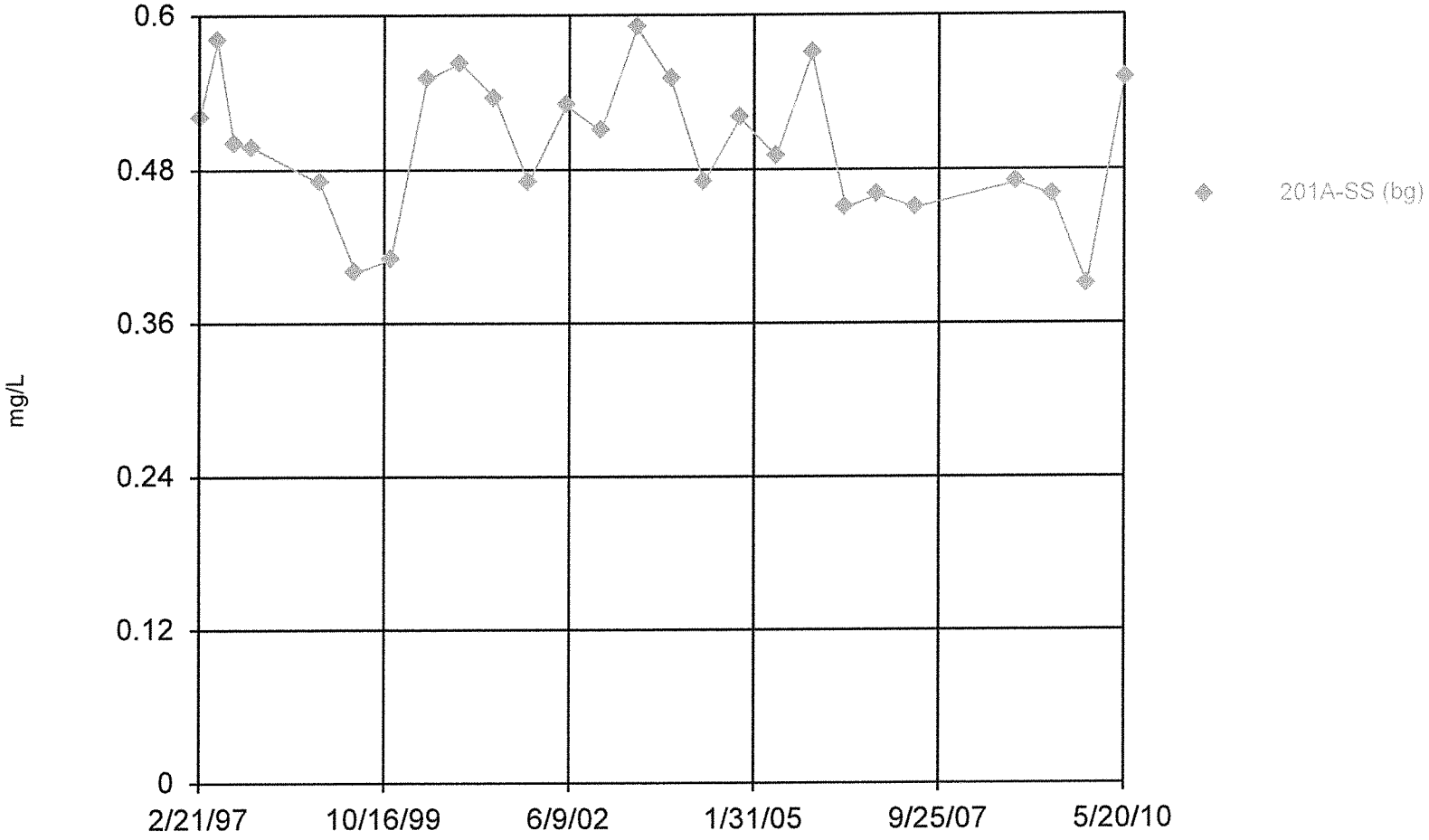


Constituent: Copper Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

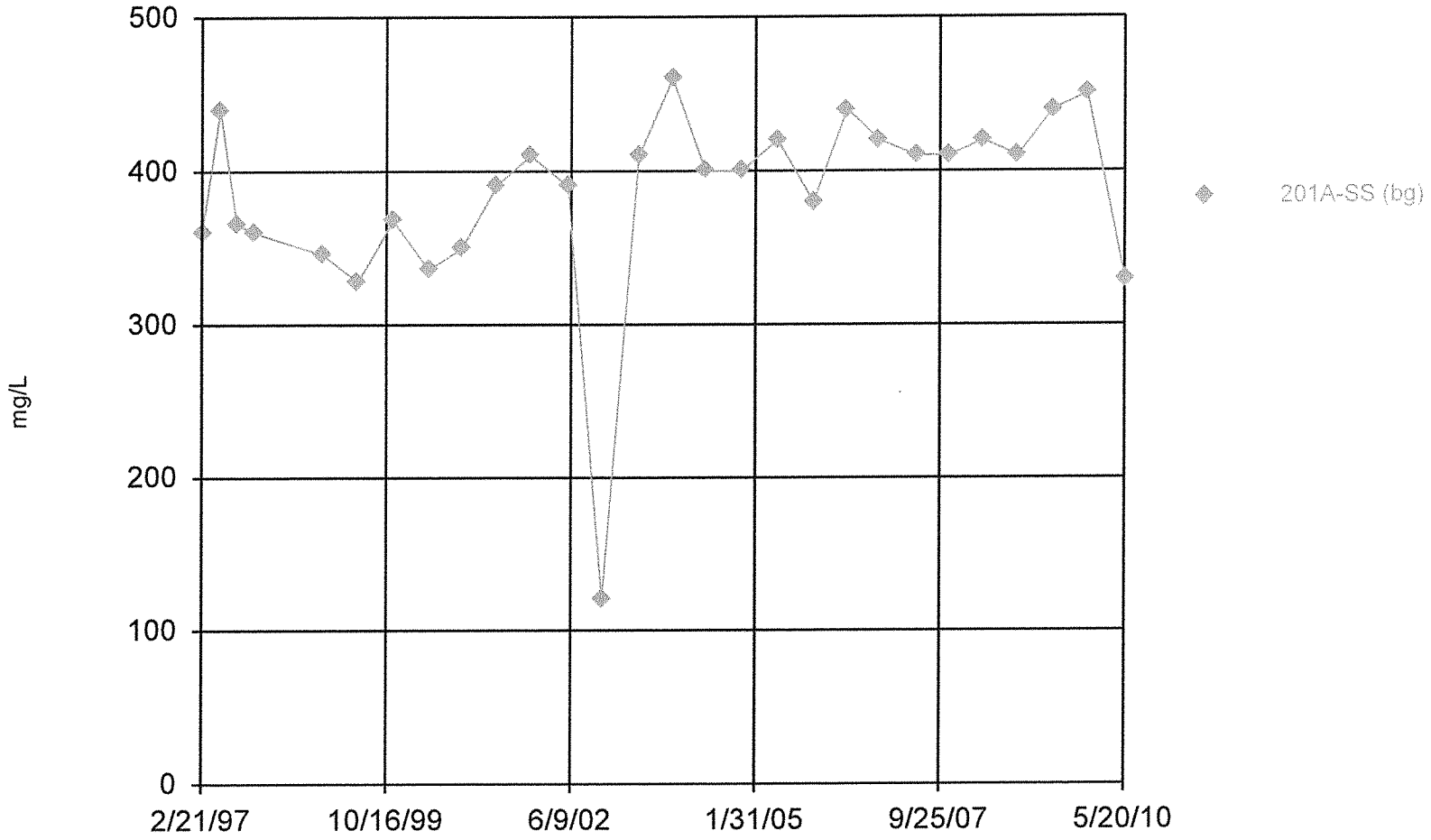


Constituent: Fluoride Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

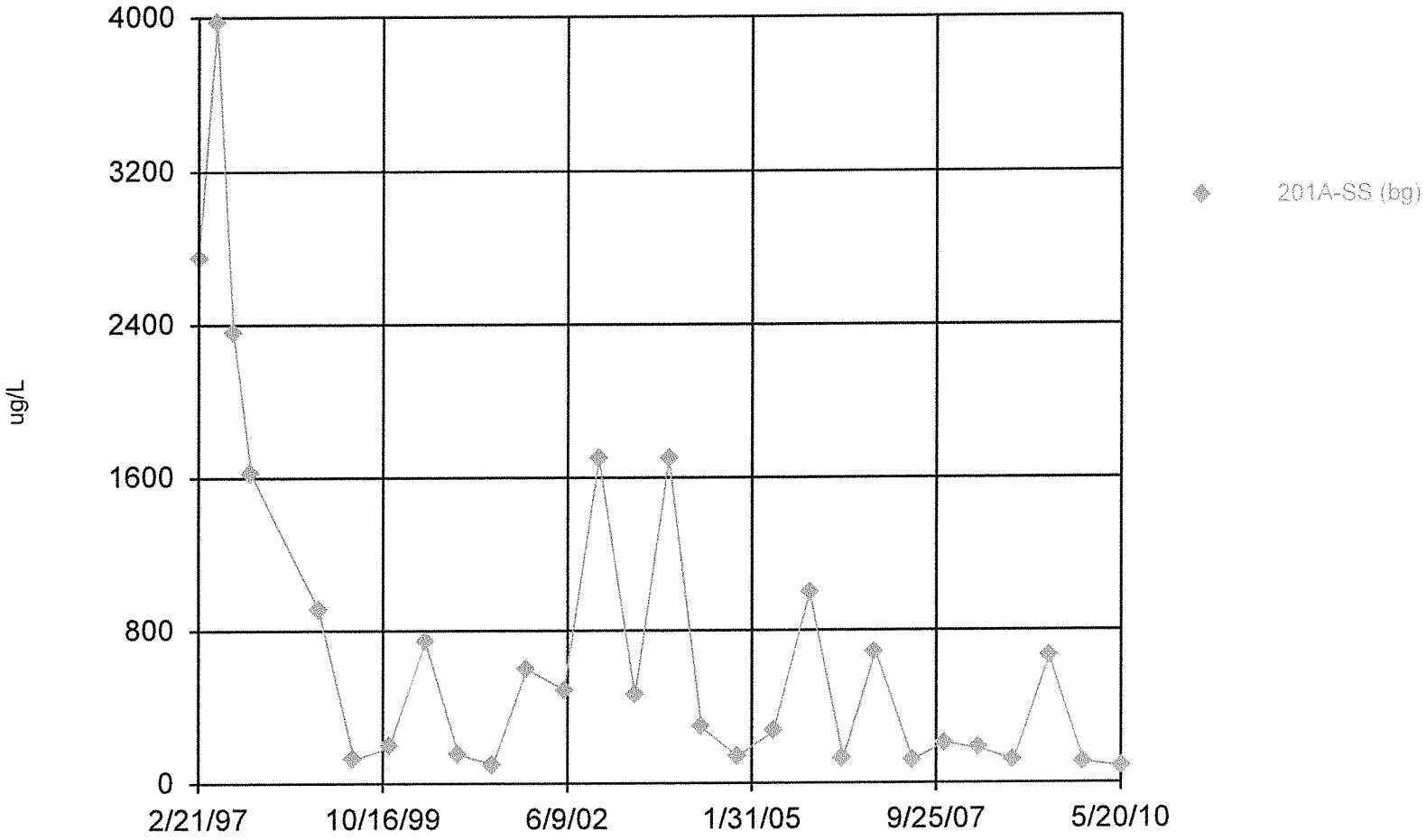


Constituent: Hardness Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

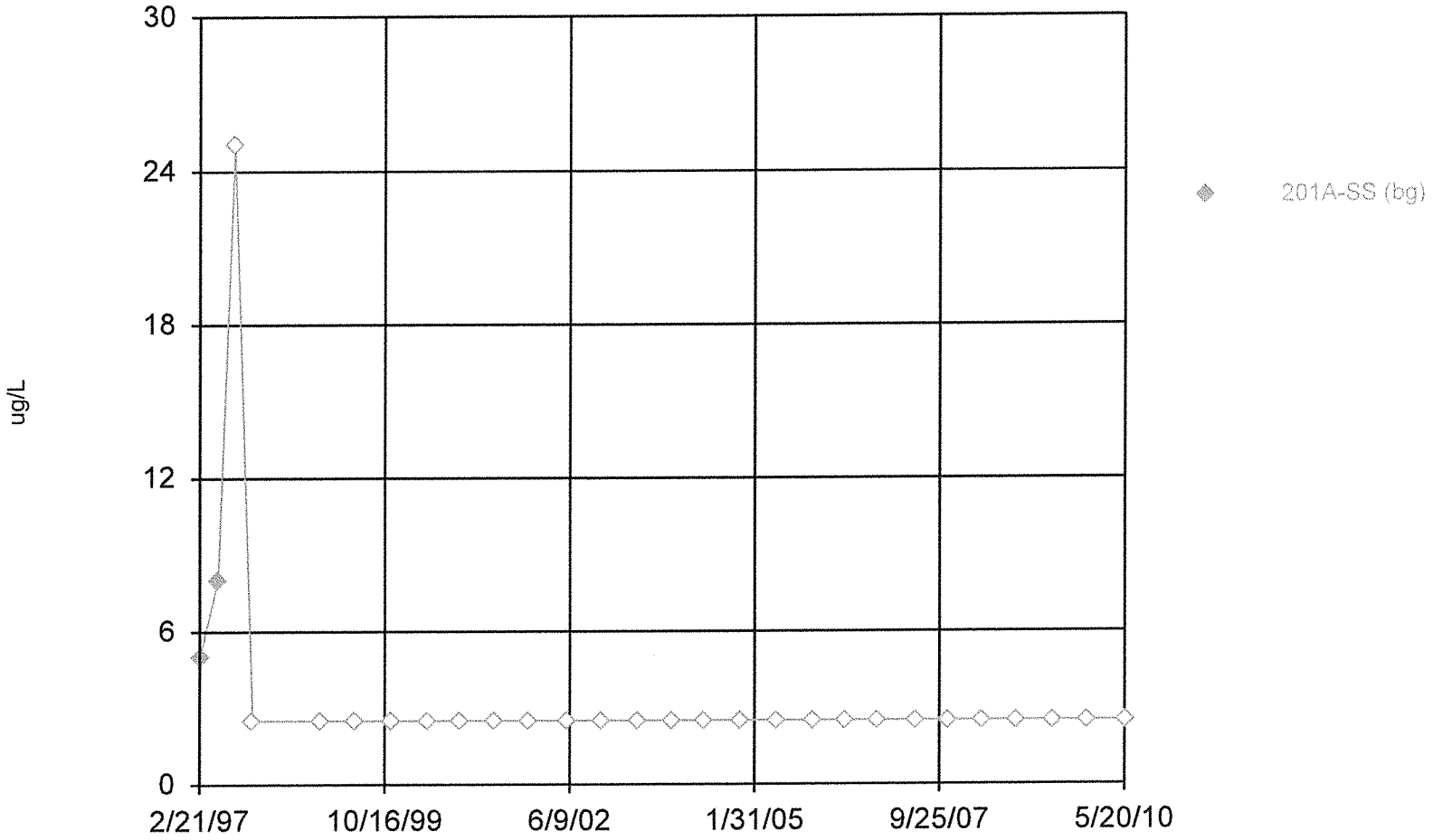


Constituent: Iron Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

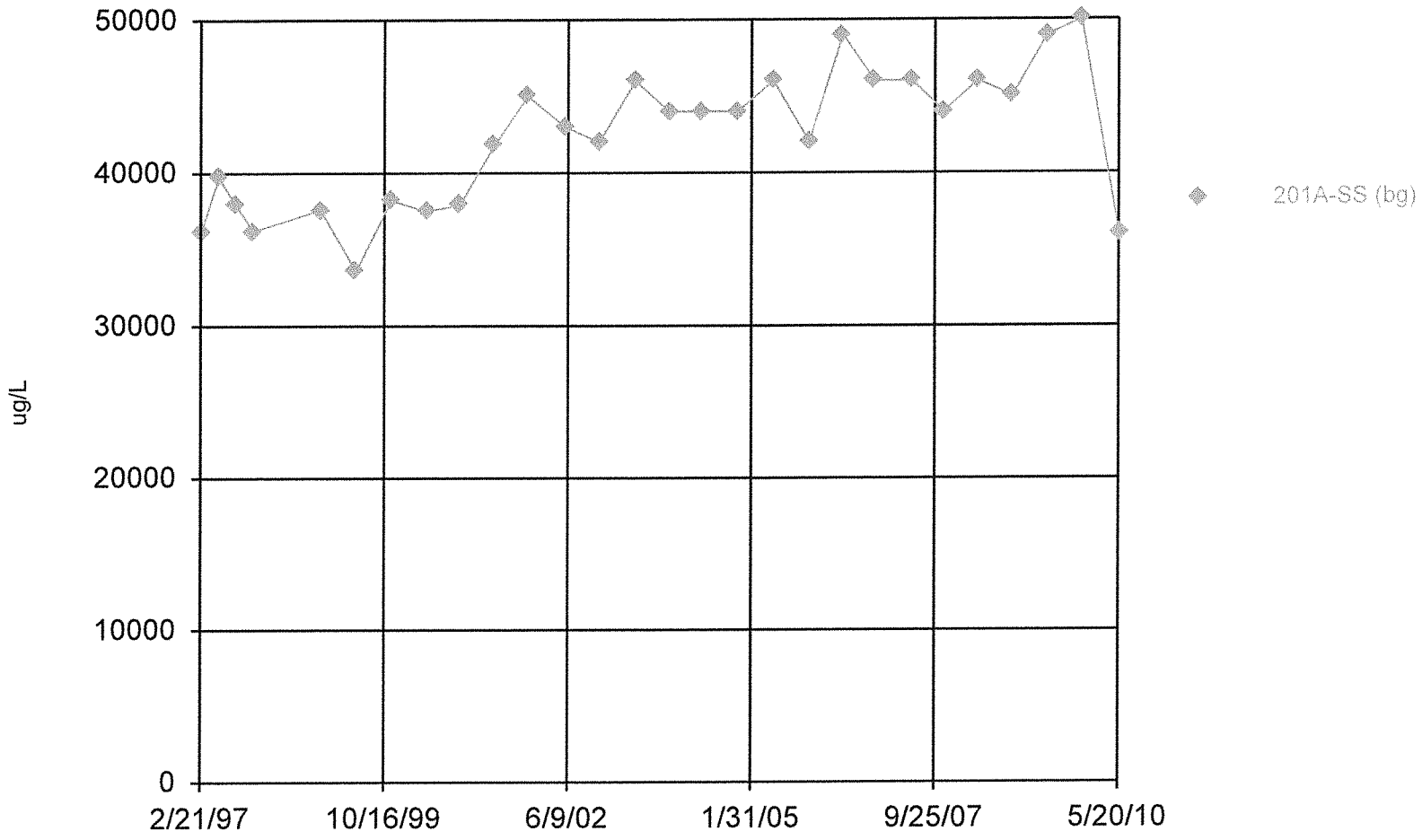


Constituent: Lead Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

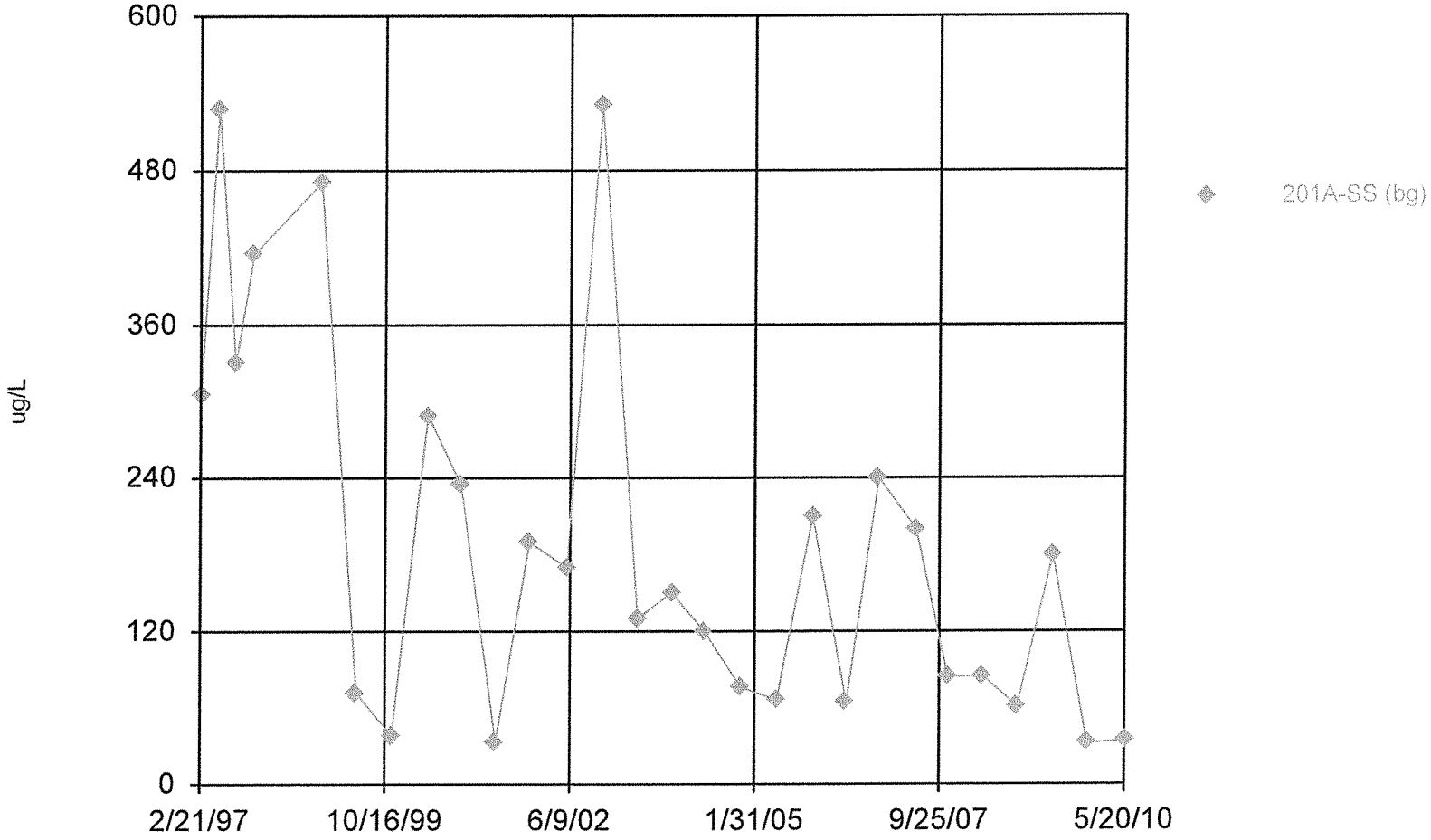


Constituent: Magnesium Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

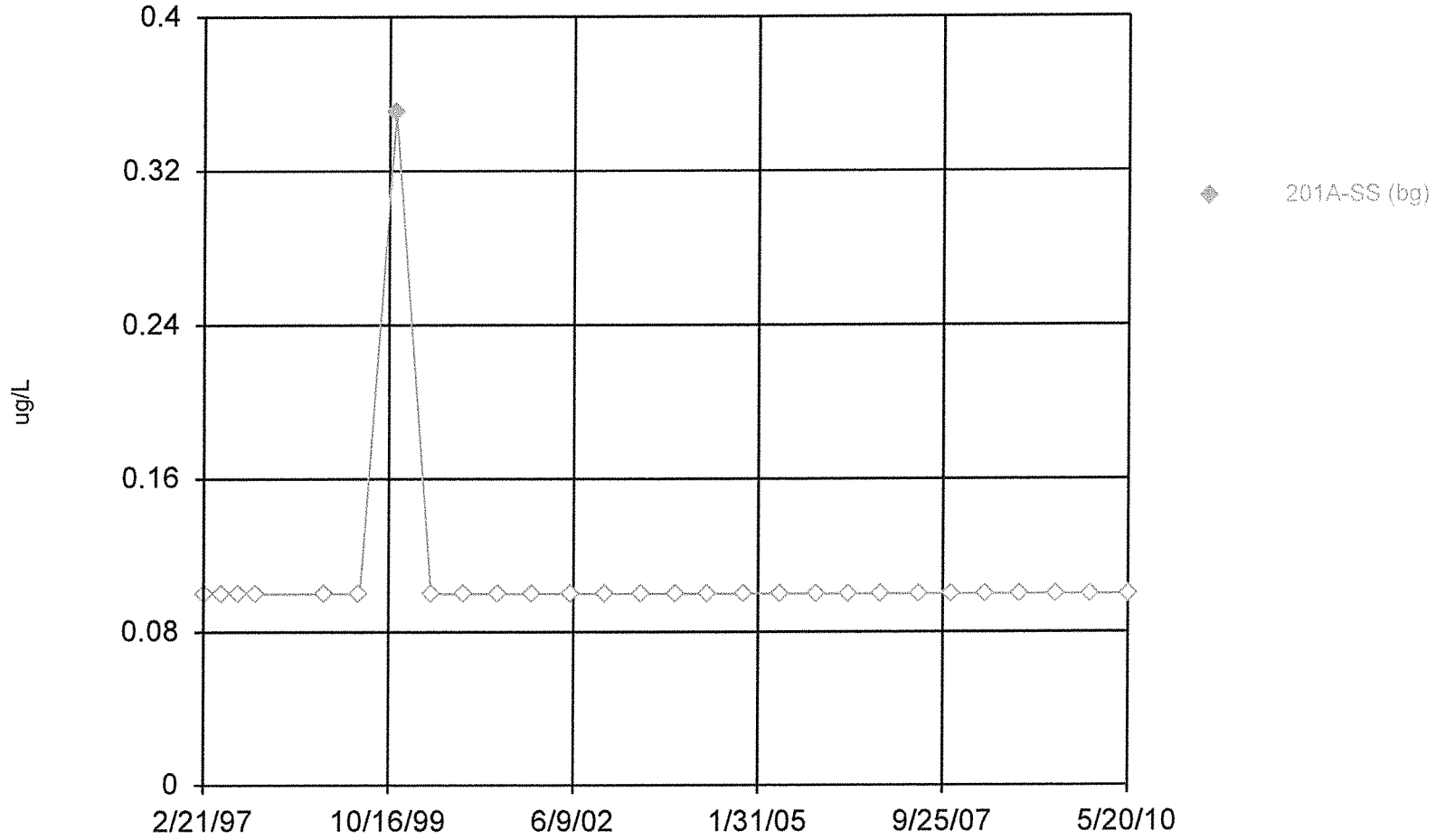


Constituent: Manganese Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

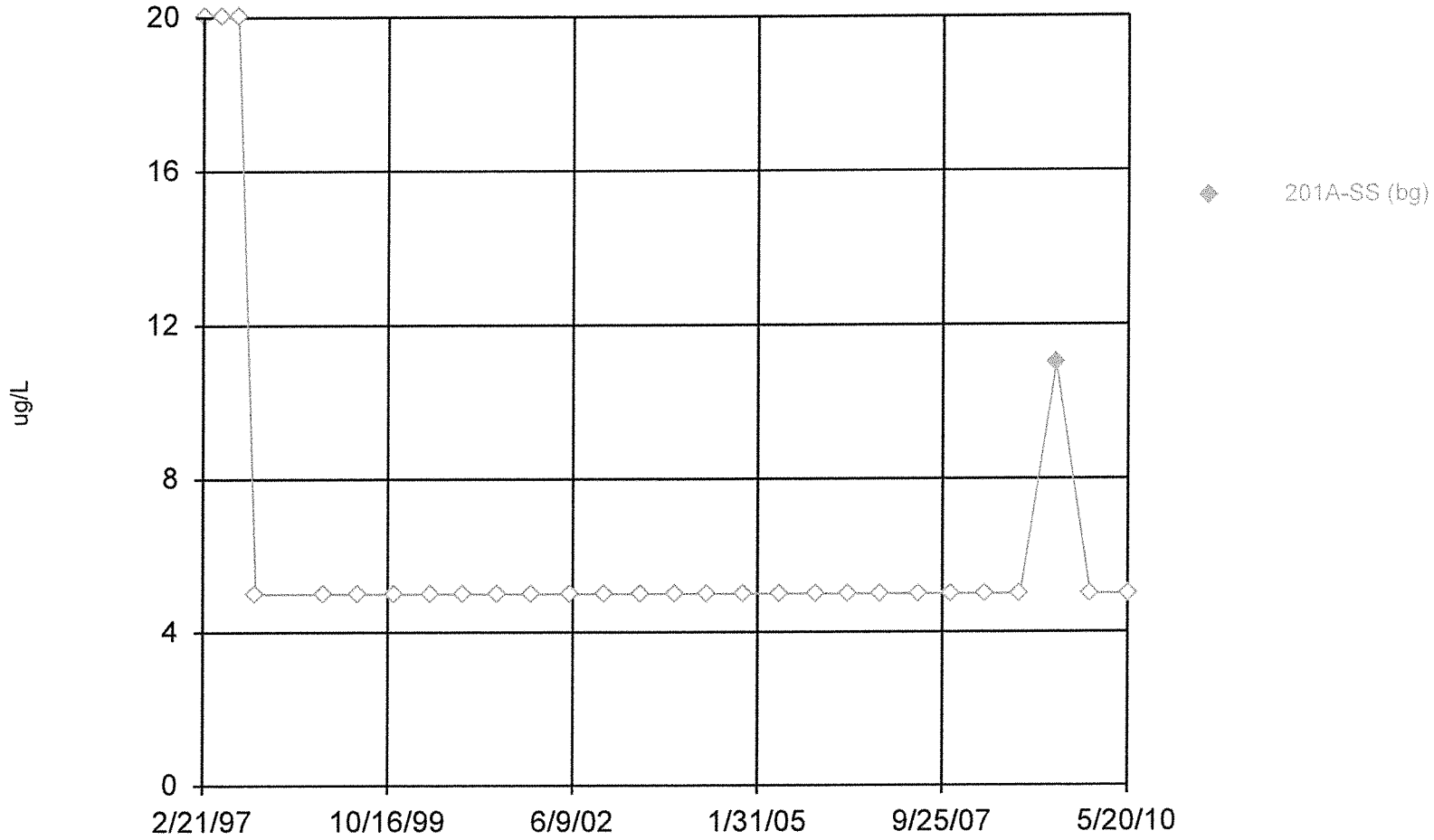


Constituent: Mercury Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

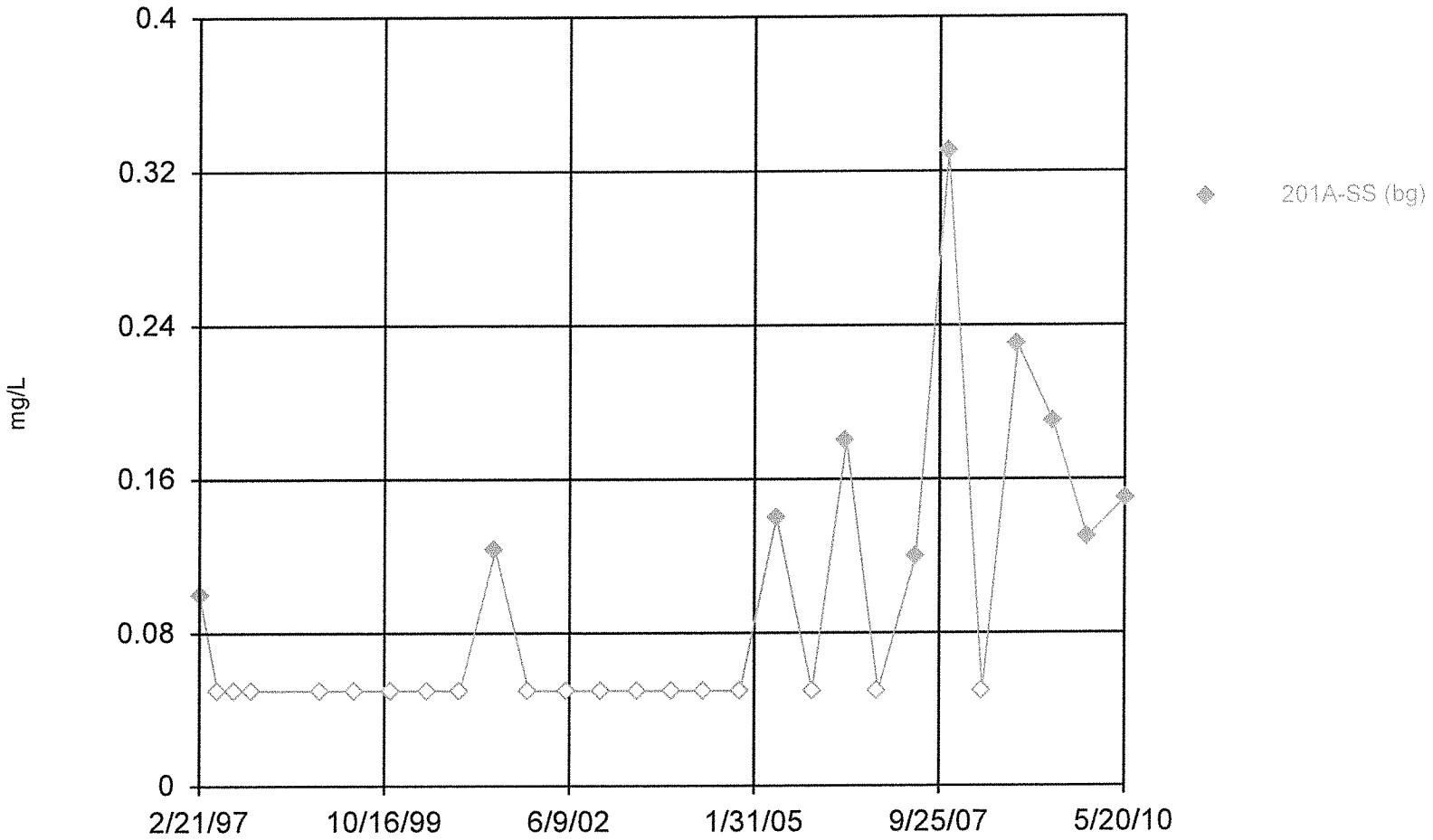


Constituent: Nickel Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a, UG
Hollow symbols indicate censored values.

Time Series

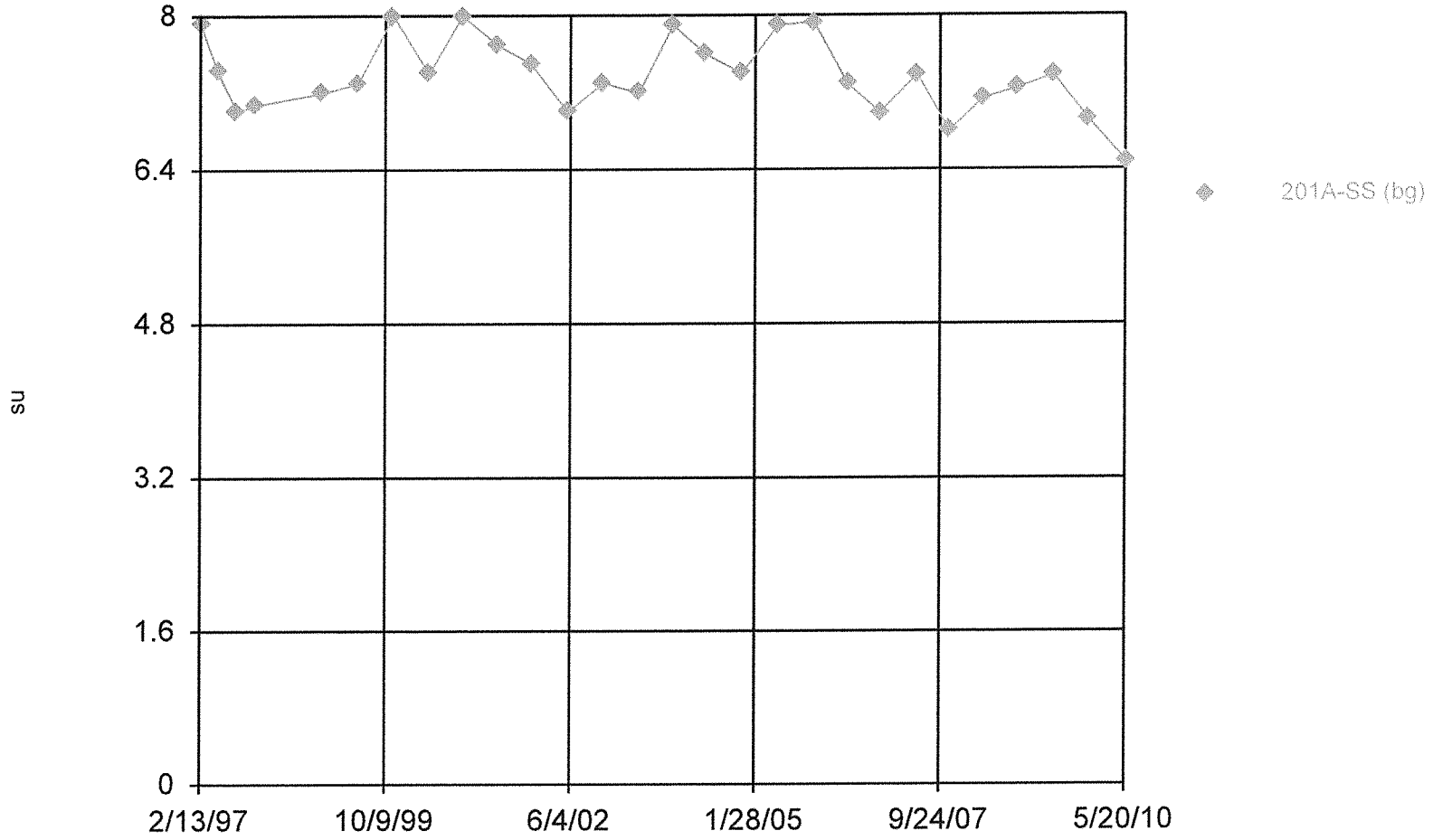


Constituent: Nitrate/Nitrite Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

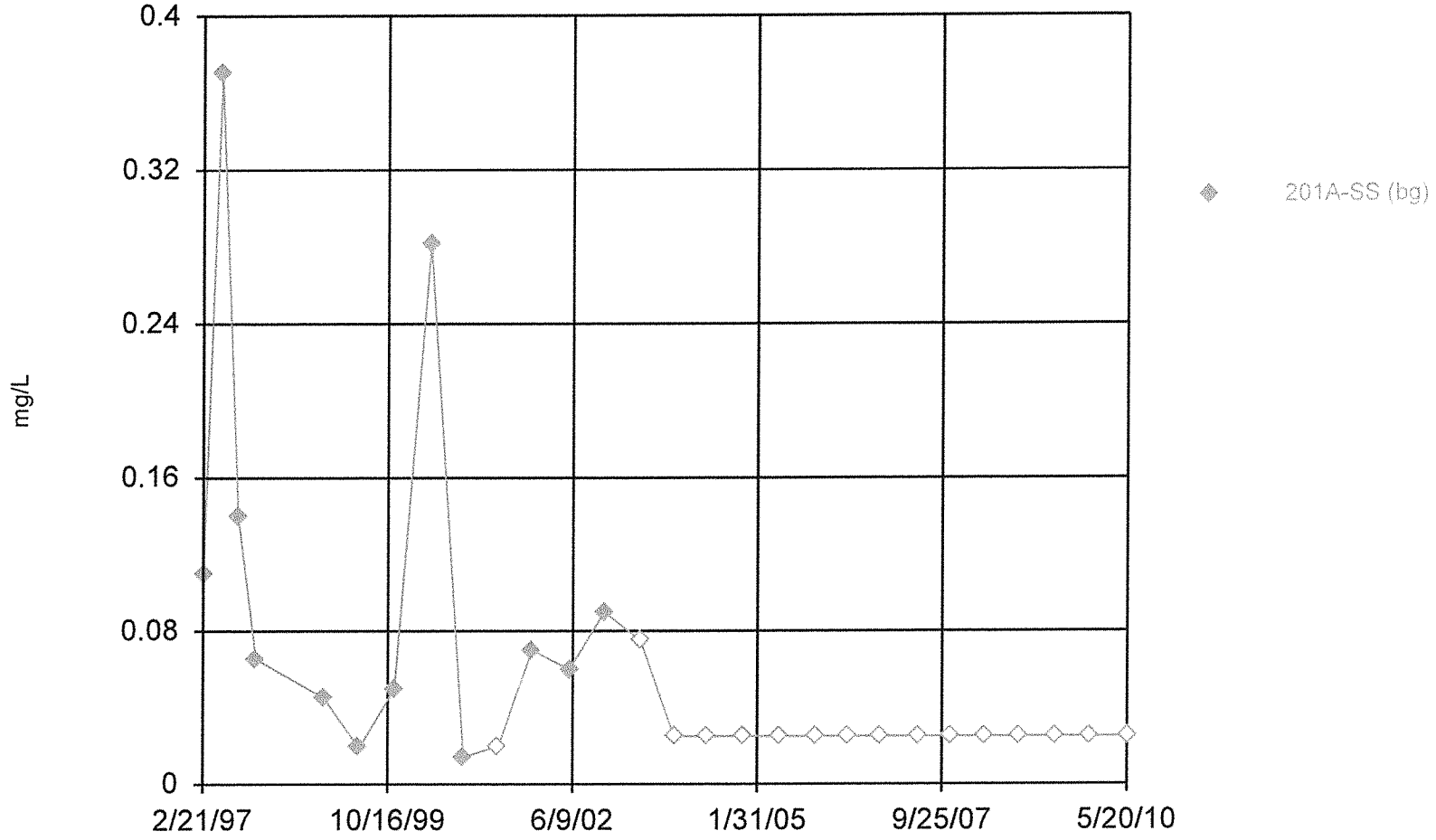


Constituent: pH [Field] Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a, UG
Hollow symbols indicate censored values.

Time Series

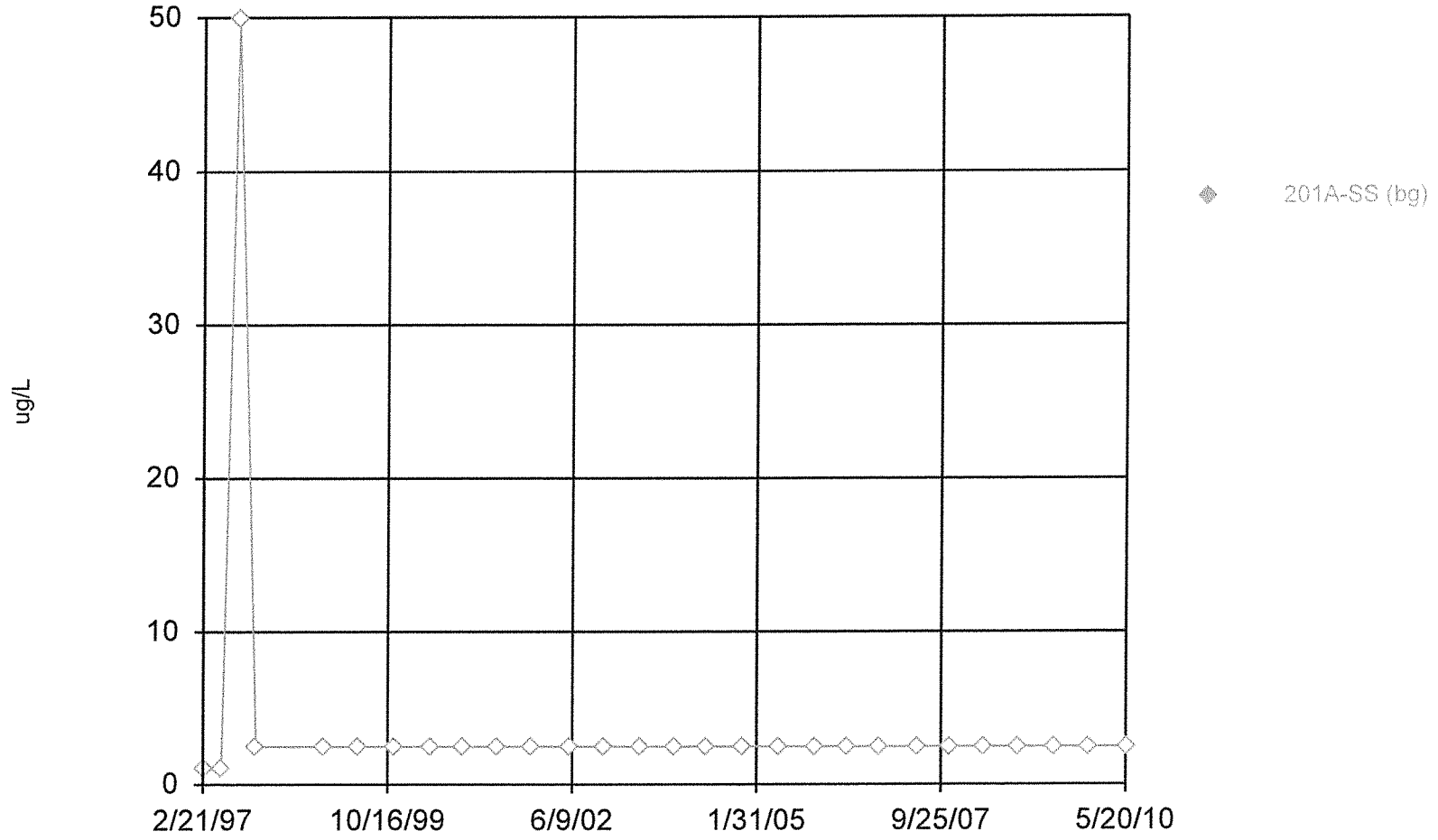


Constituent: Phosphorus Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

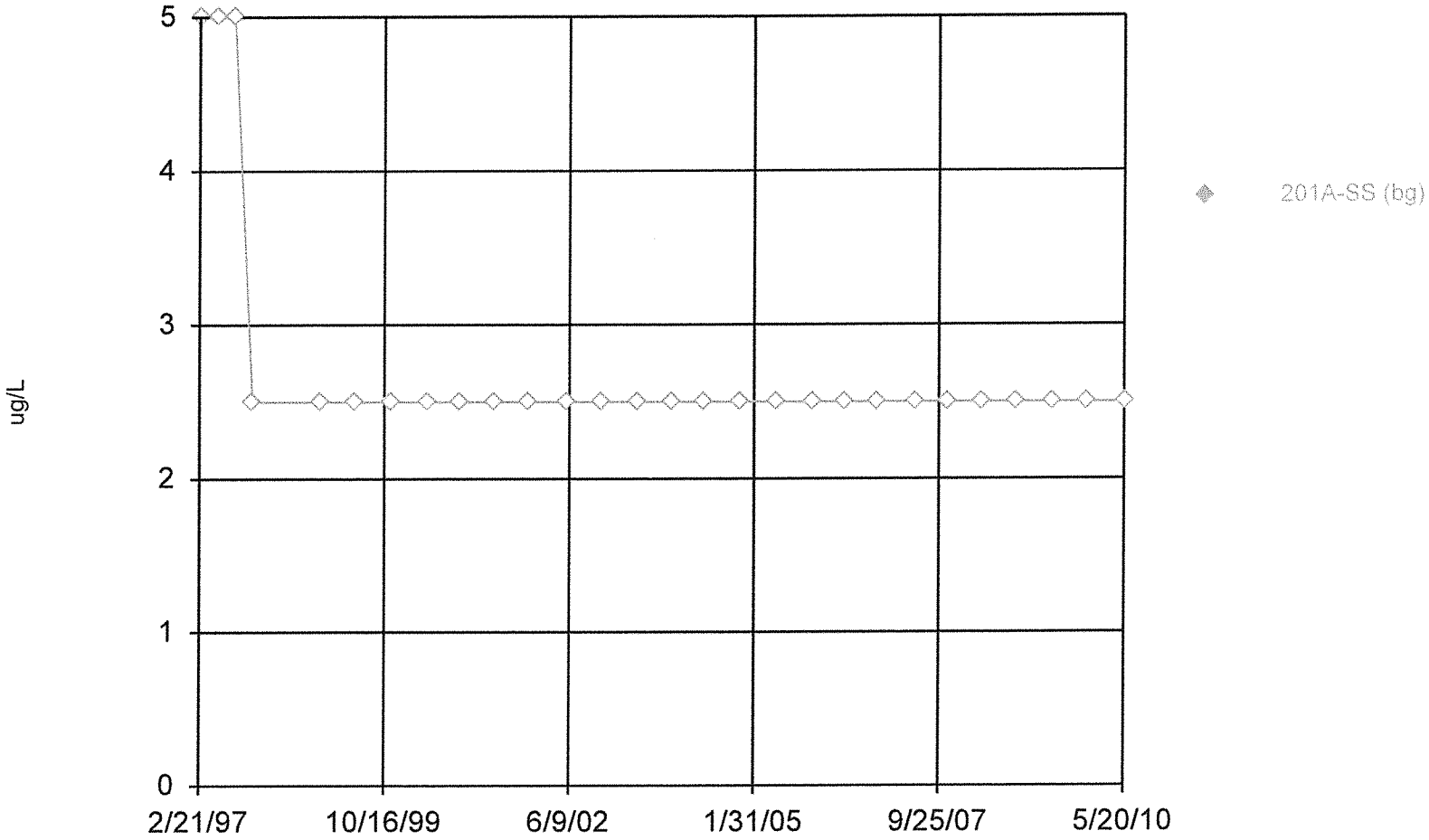


Constituent: Selenium Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

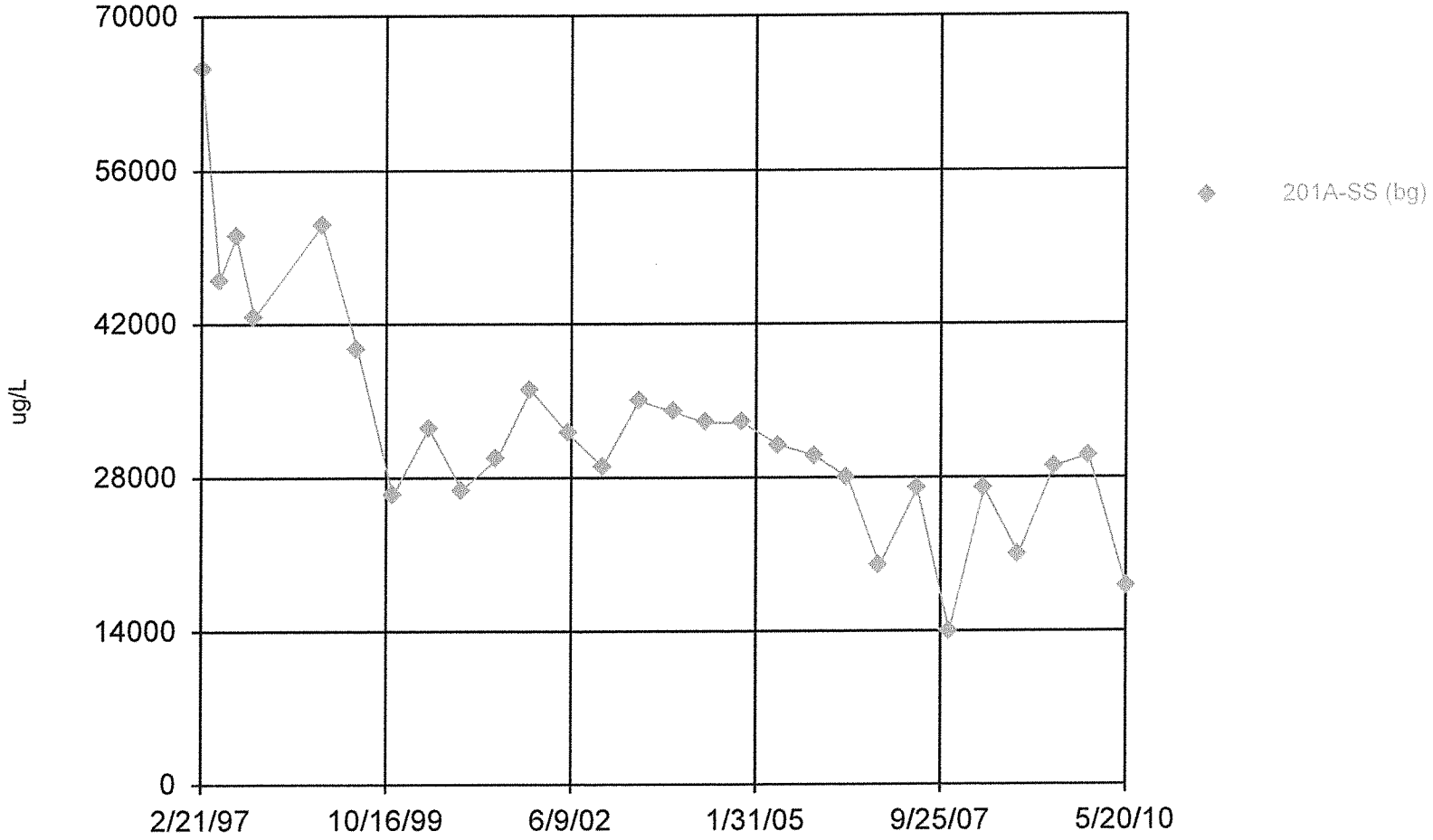


Constituent: Silver Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

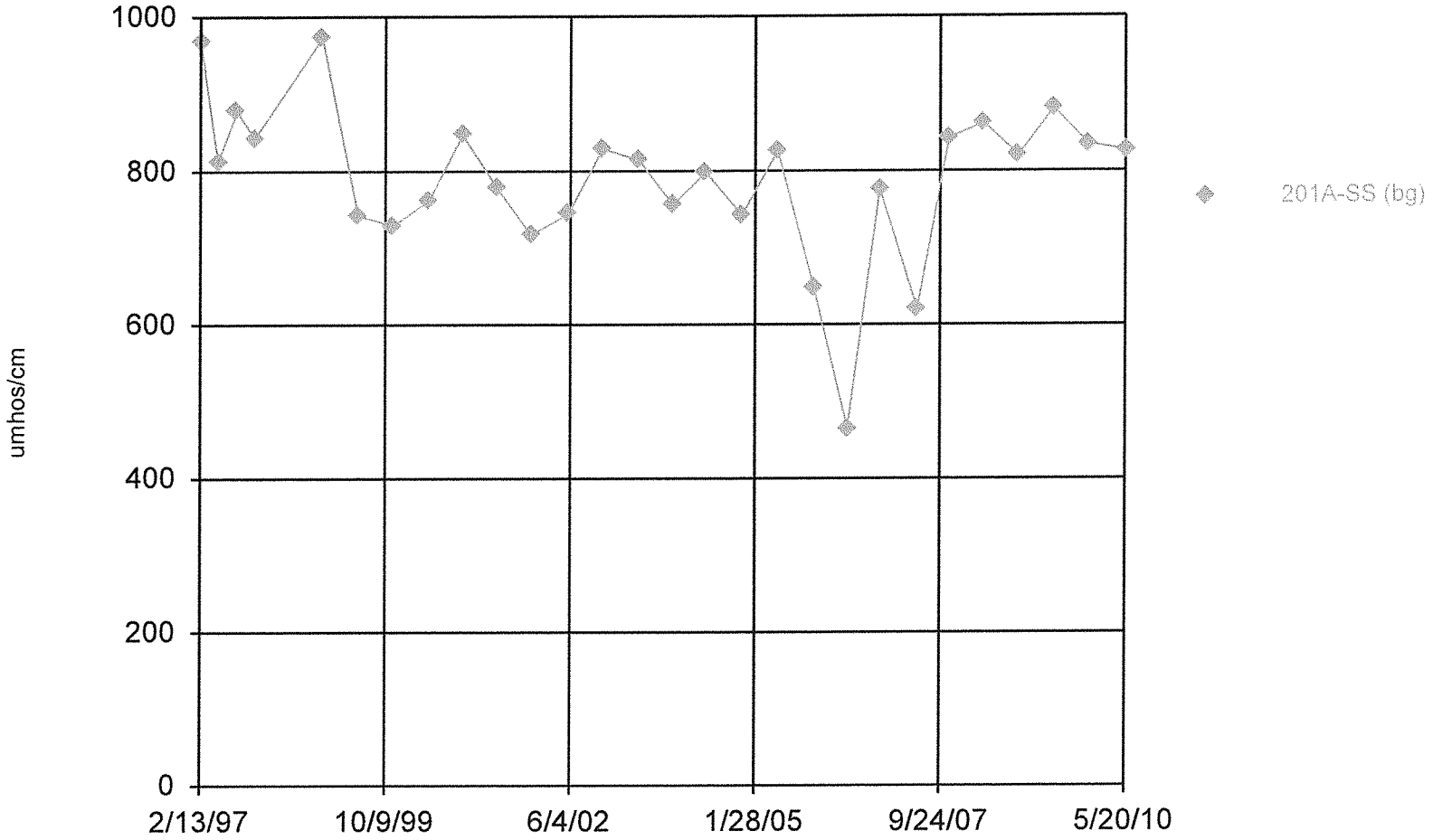


Constituent: Sodium Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

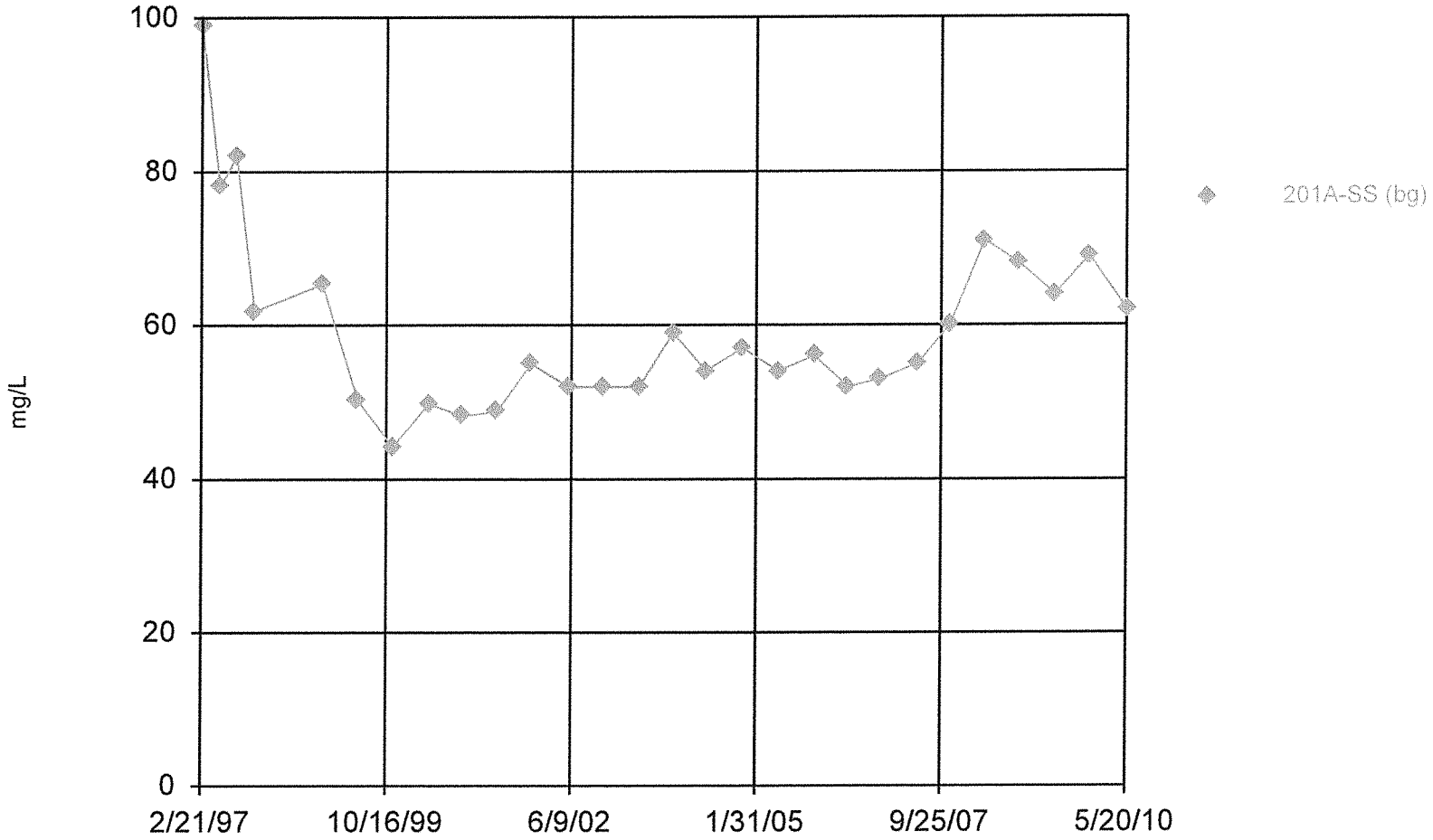


Constituent: Specific Conductance [Field] Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

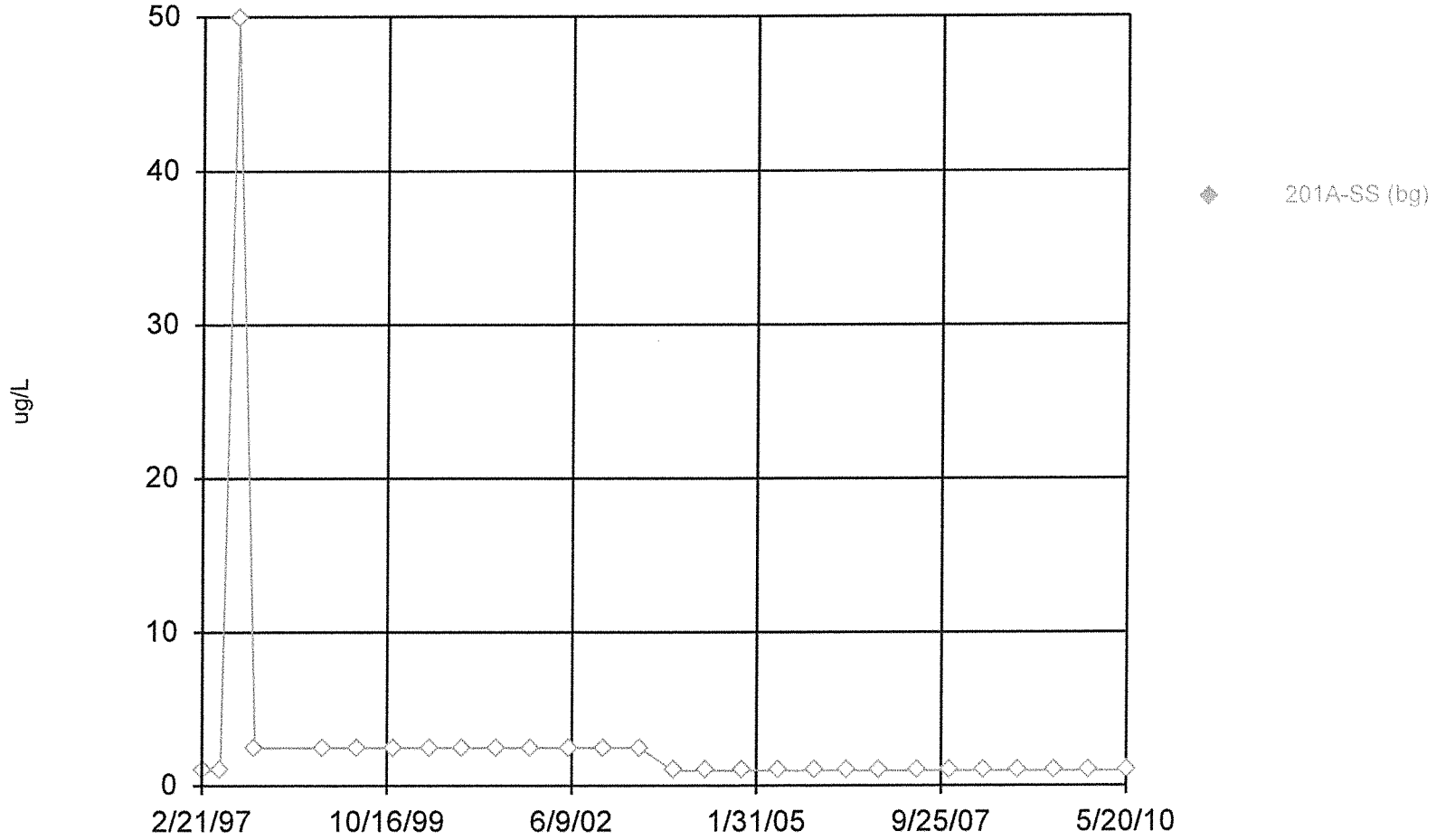


Constituent: Sulfate as SO4 Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

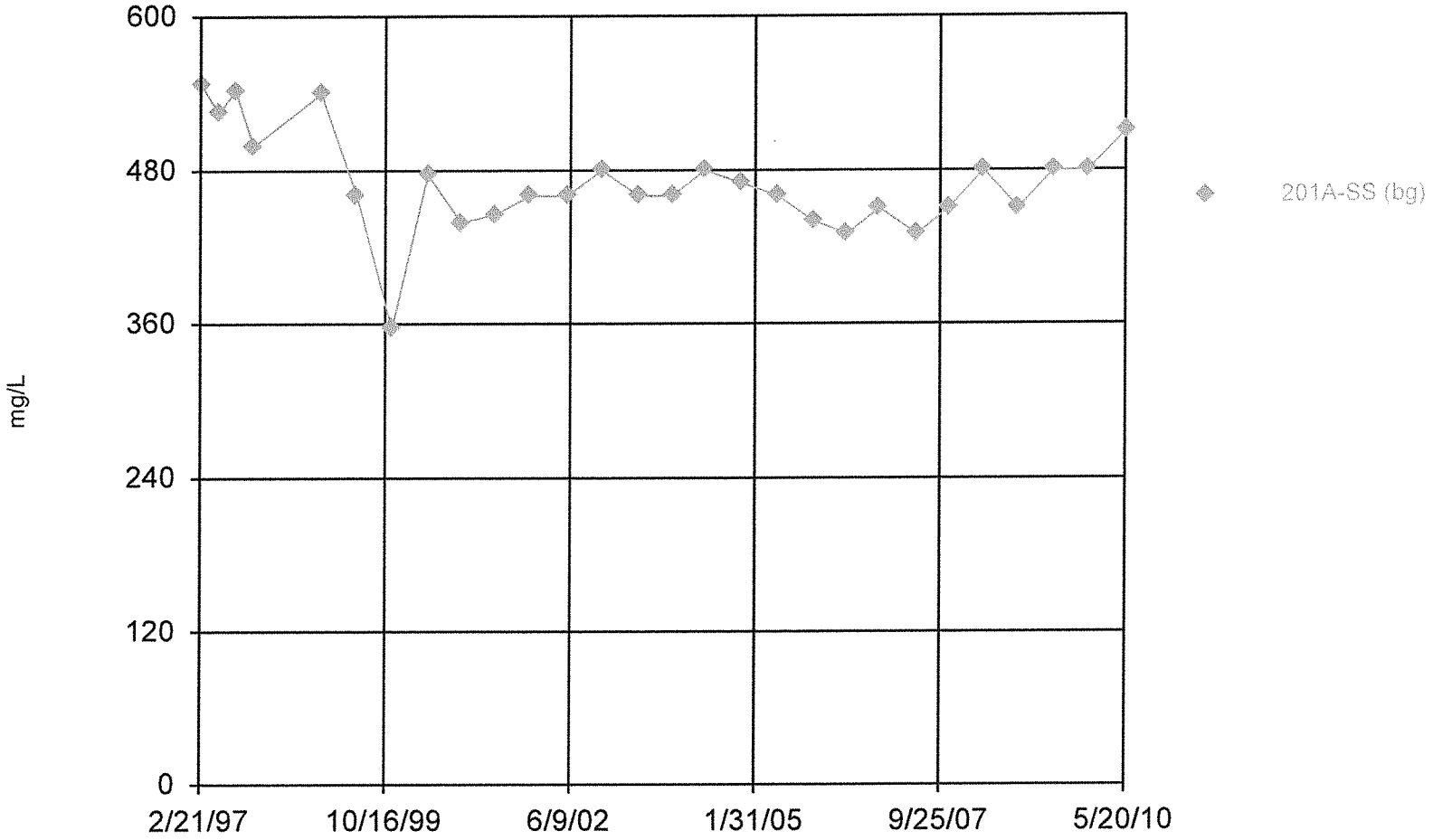


Constituent: Thallium Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

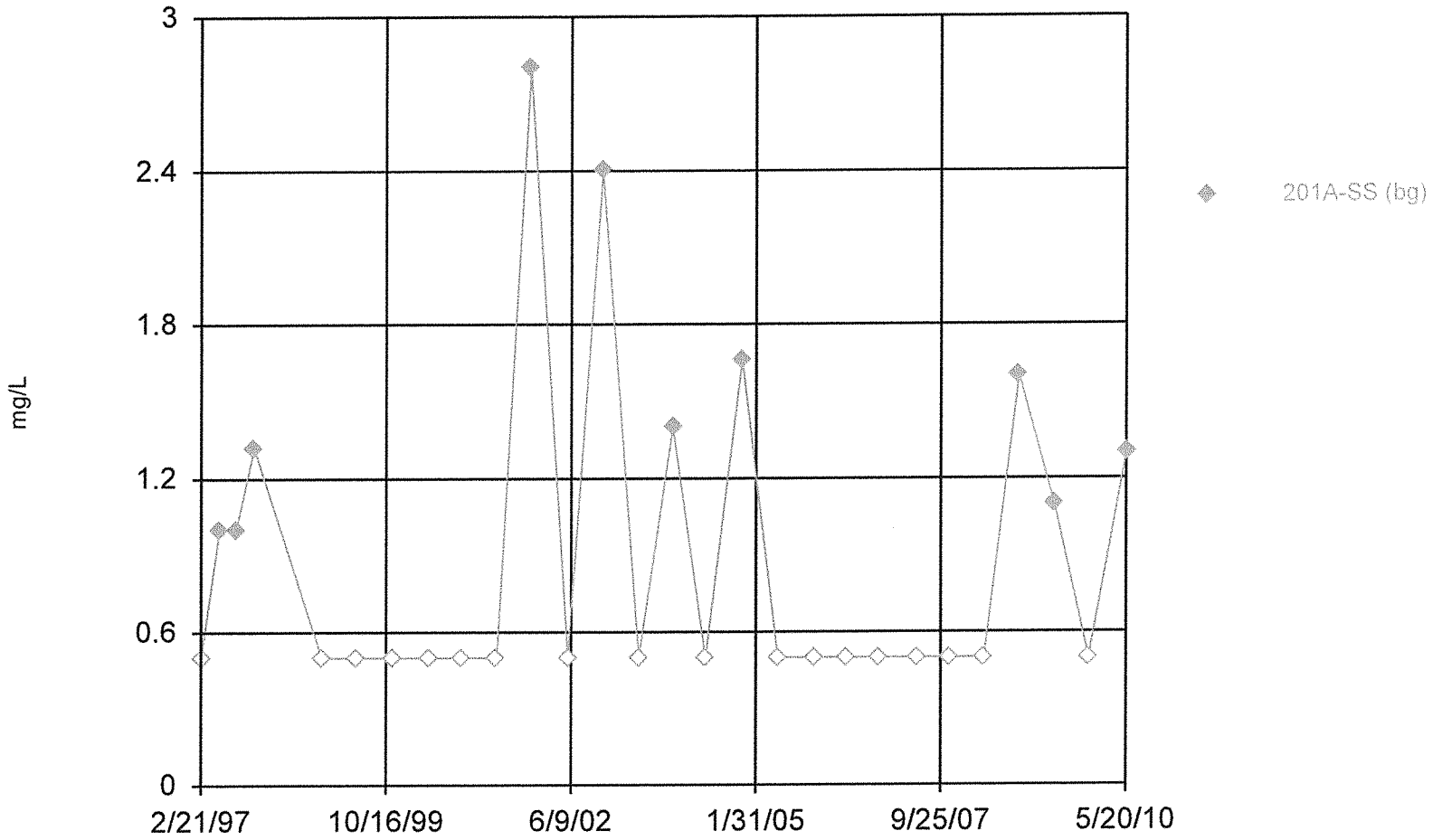


Constituent: Total Dissolved Solids [TDS] Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

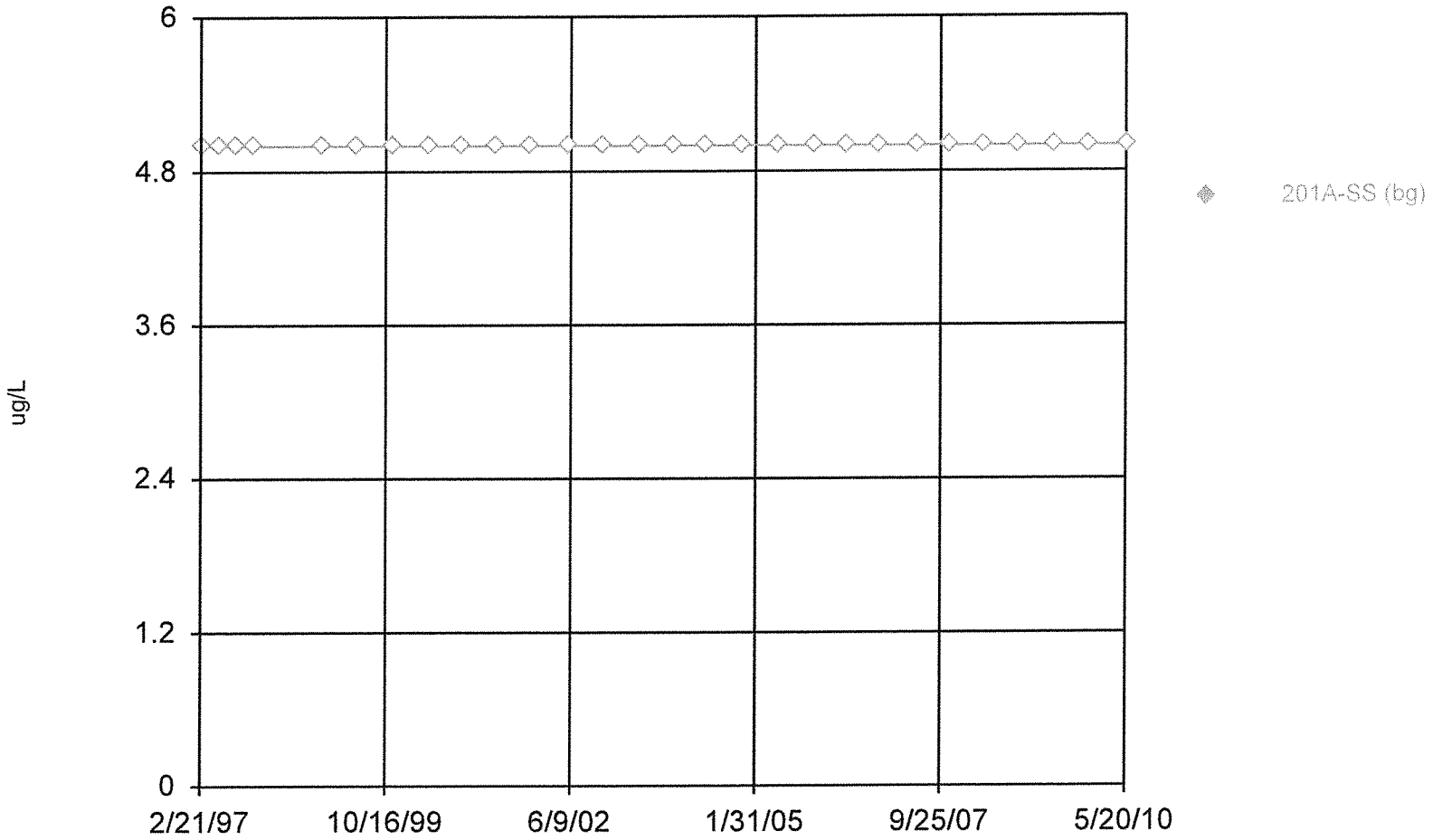


Constituent: Total Organic Carbon [TOC] Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

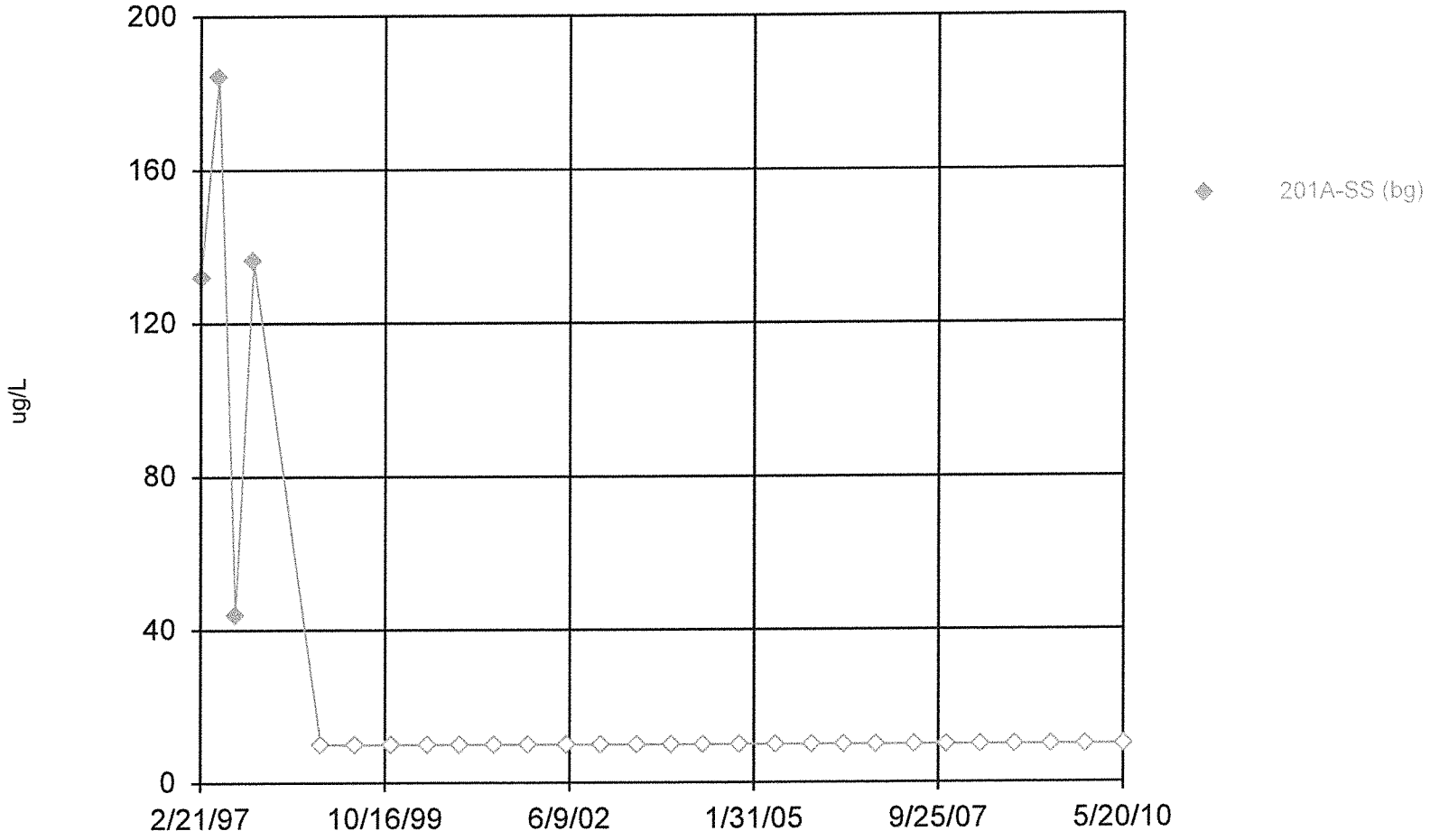


Constituent: Vanadium Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

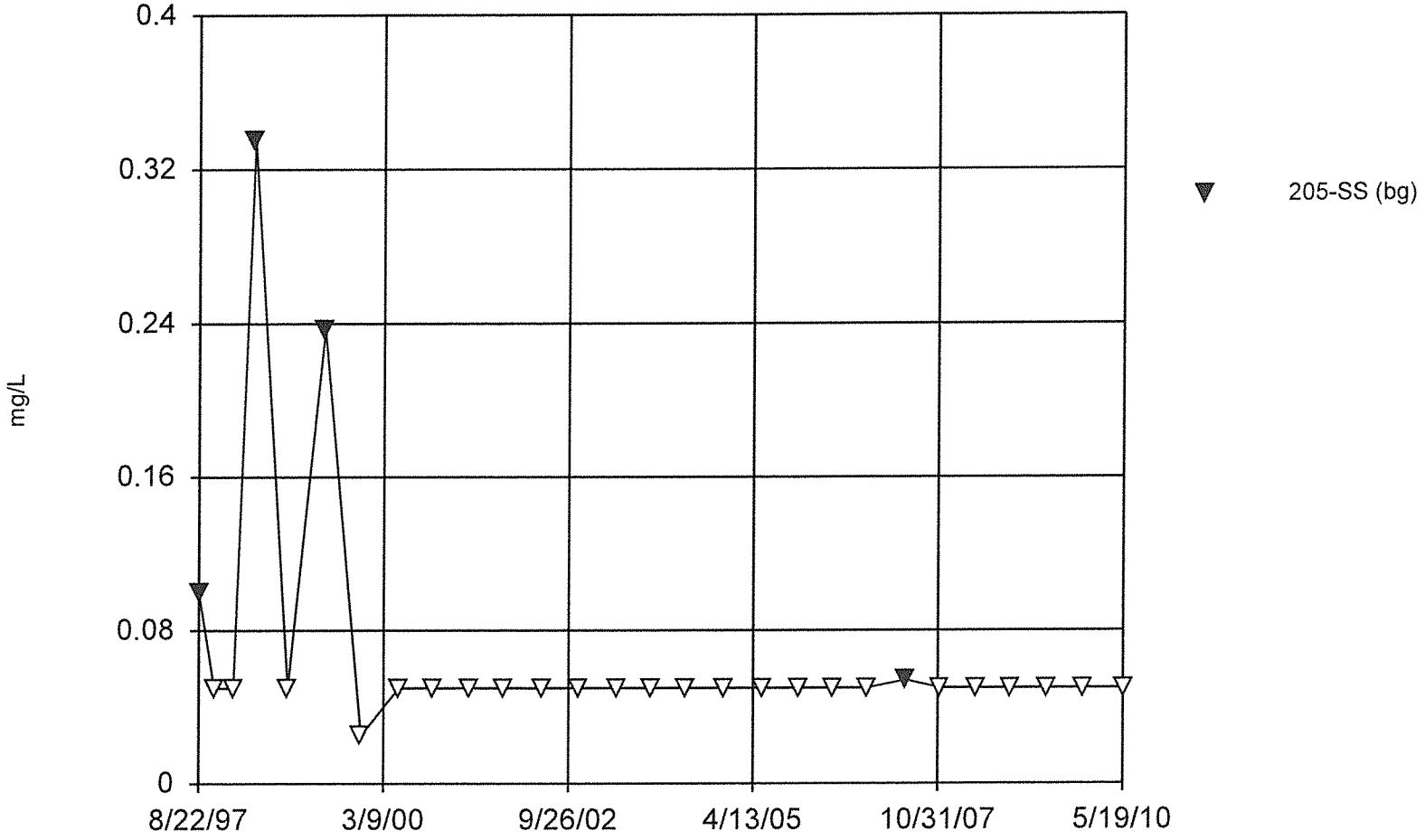


Constituent: Zinc Total Analysis Run 11/3/2010 9:23 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

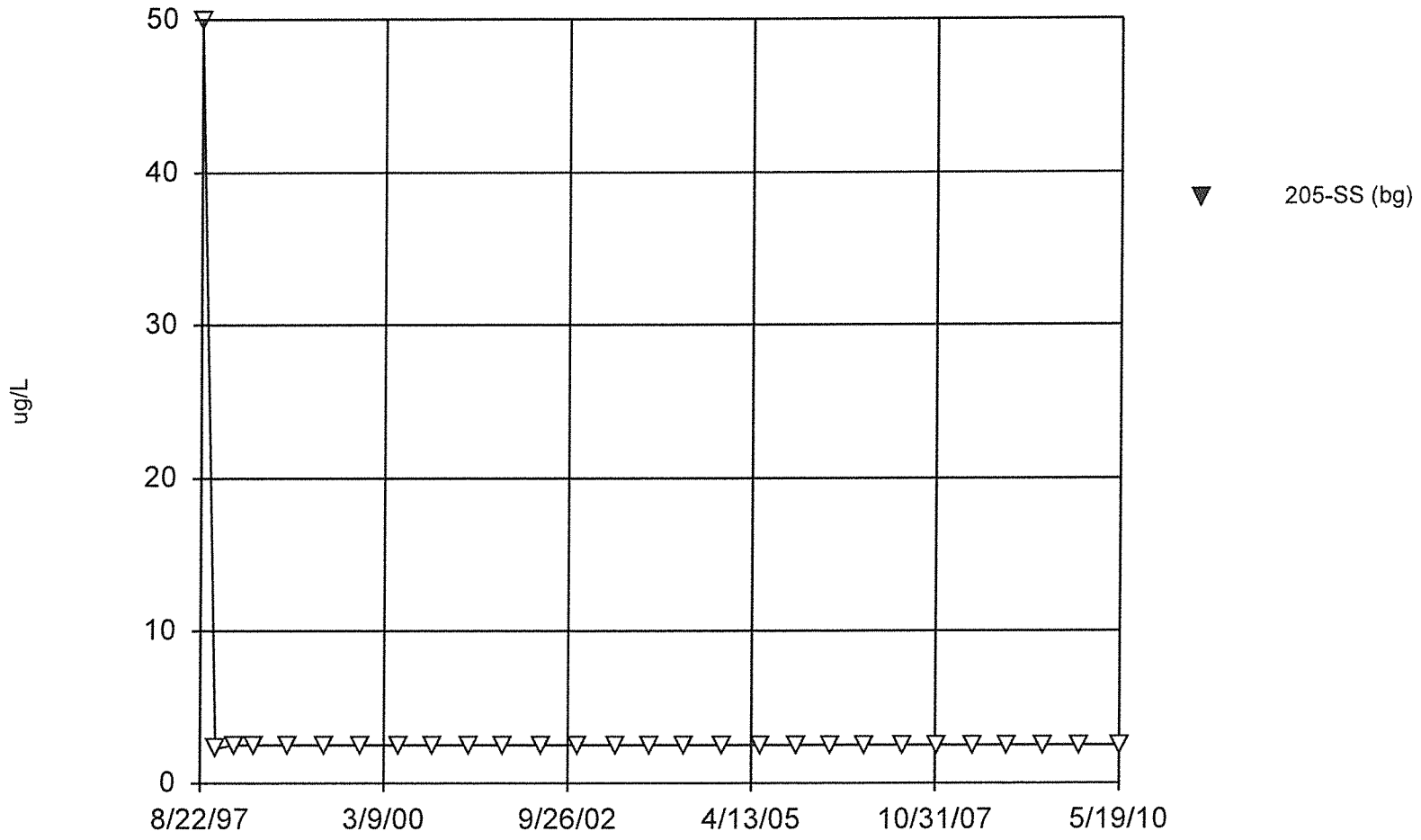


Constituent: Ammonia as N Analysis Run 11/3/2010 11:17 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

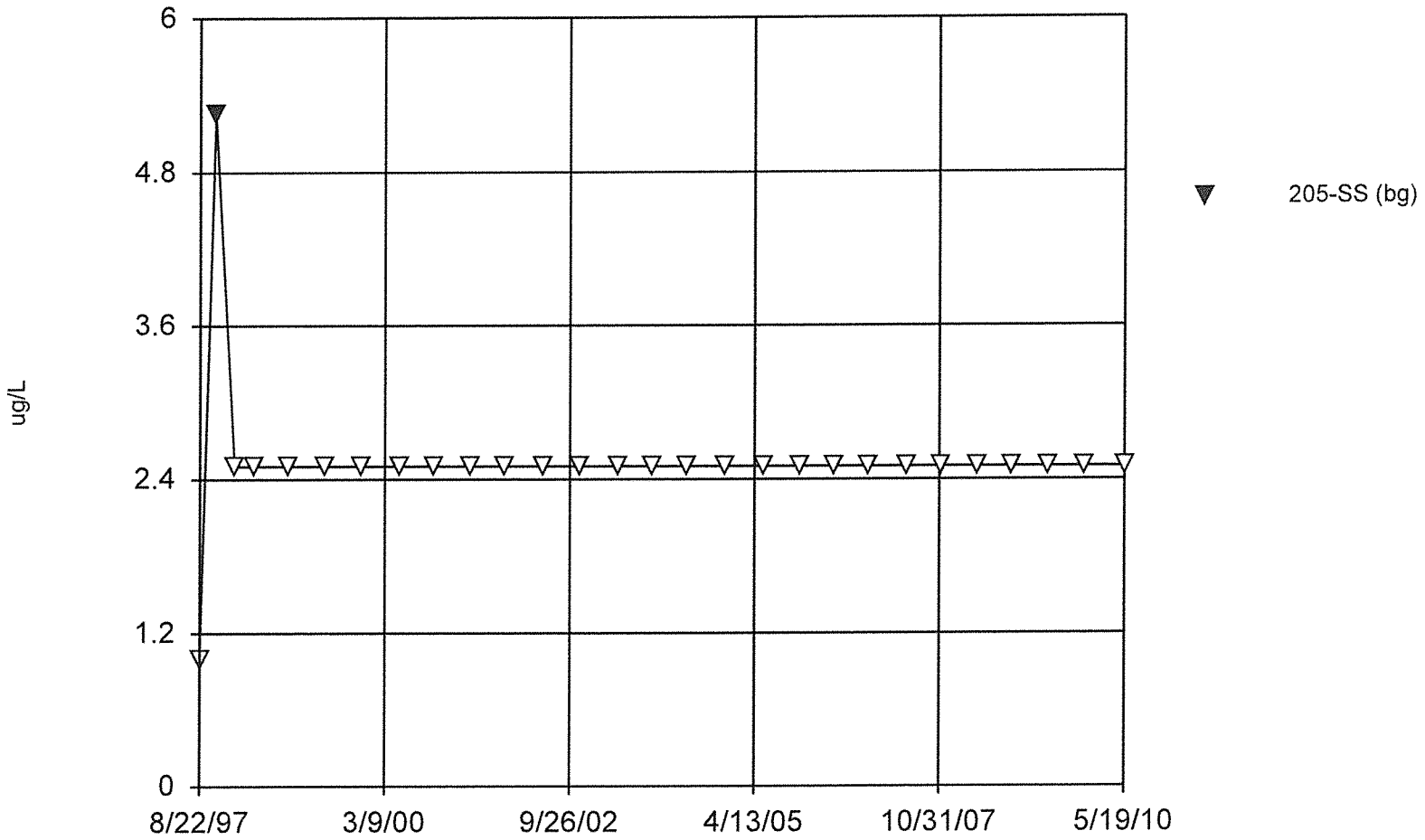


Constituent: Antimony Total Analysis Run 11/3/2010 11:17 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

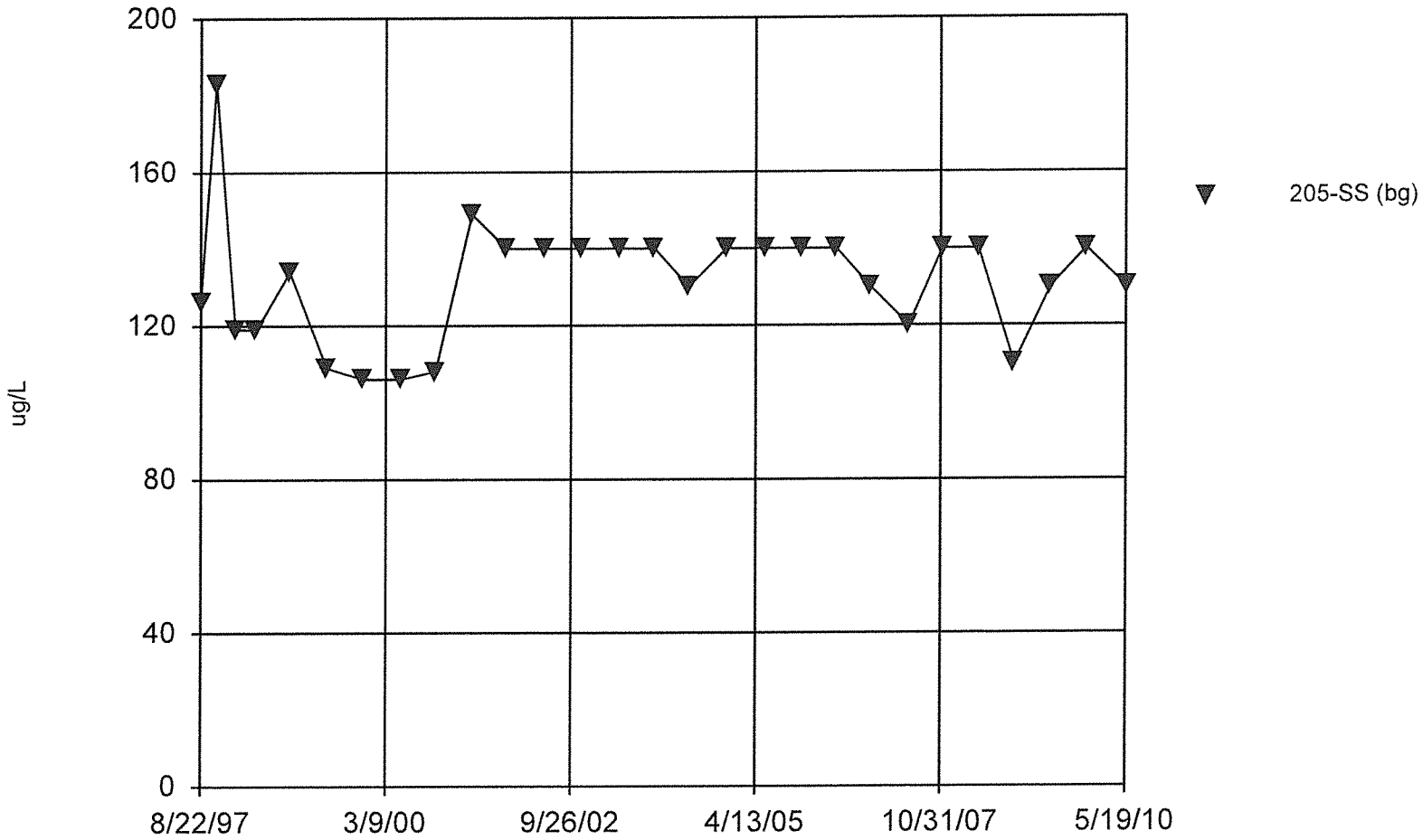


Constituent: Arsenic Total Analysis Run 11/3/2010 11:17 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

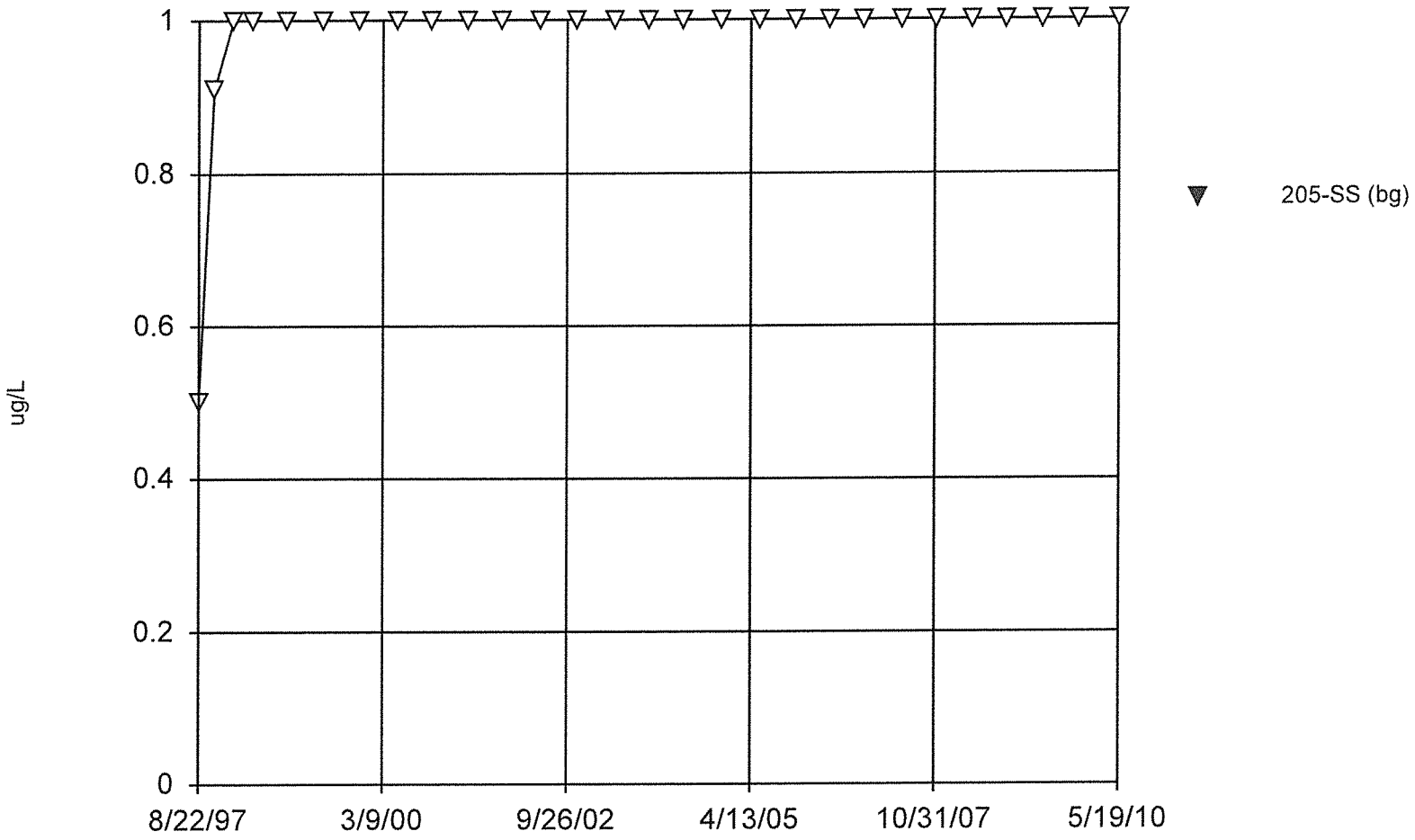


Constituent: Barium Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

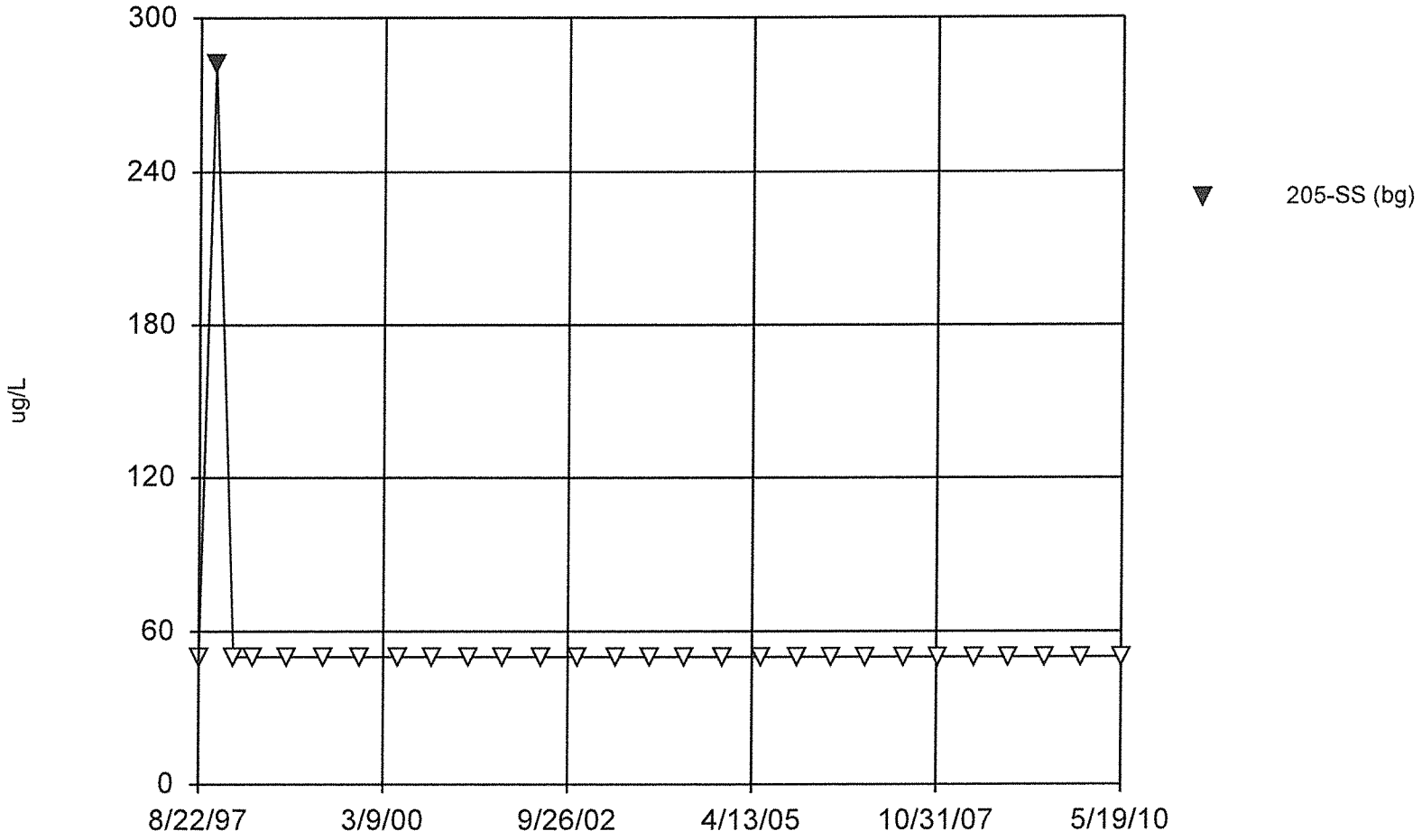


Constituent: Beryllium Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

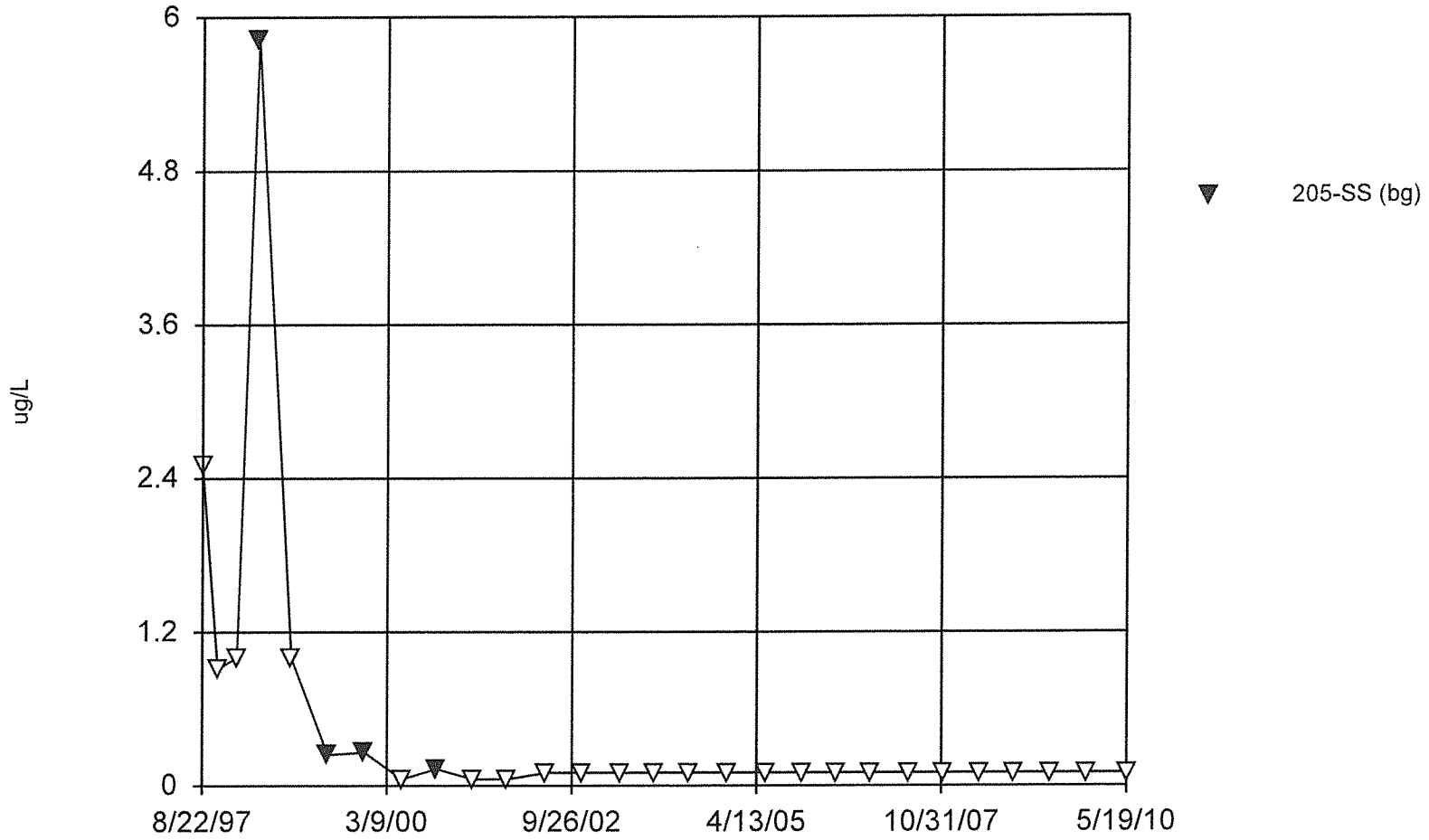


Constituent: Boron Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

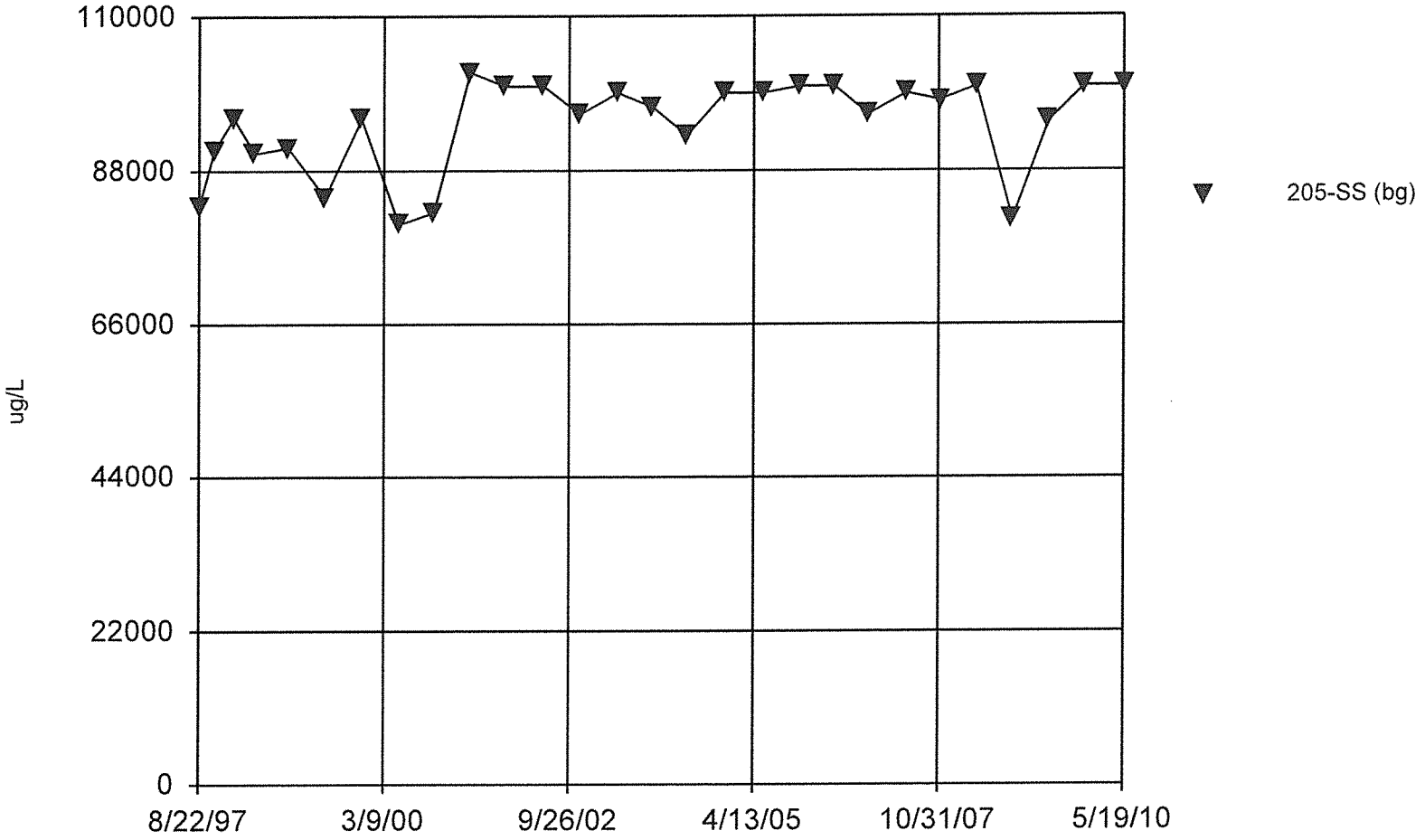


Constituent: Cadmium Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

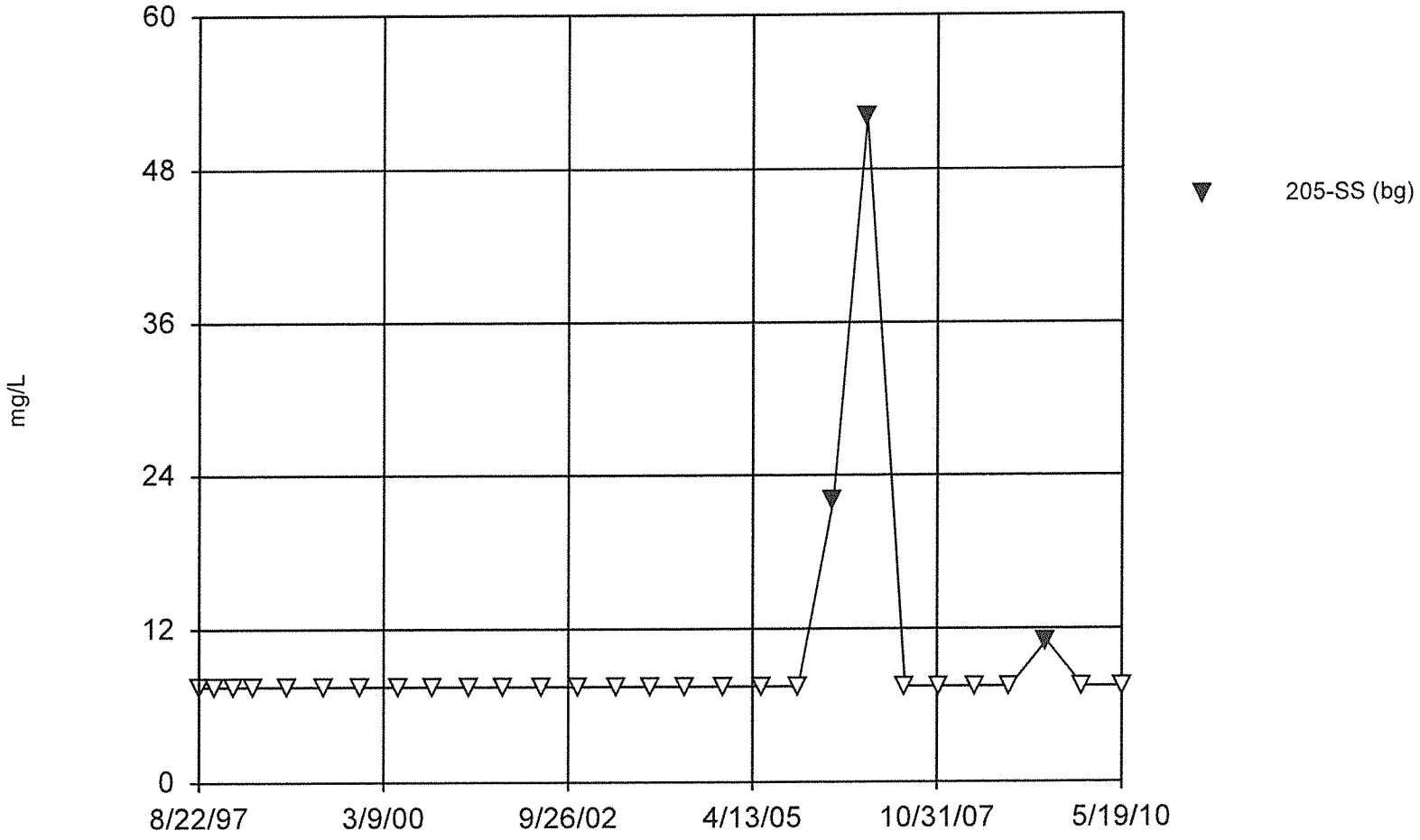


Constituent: Calcium Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

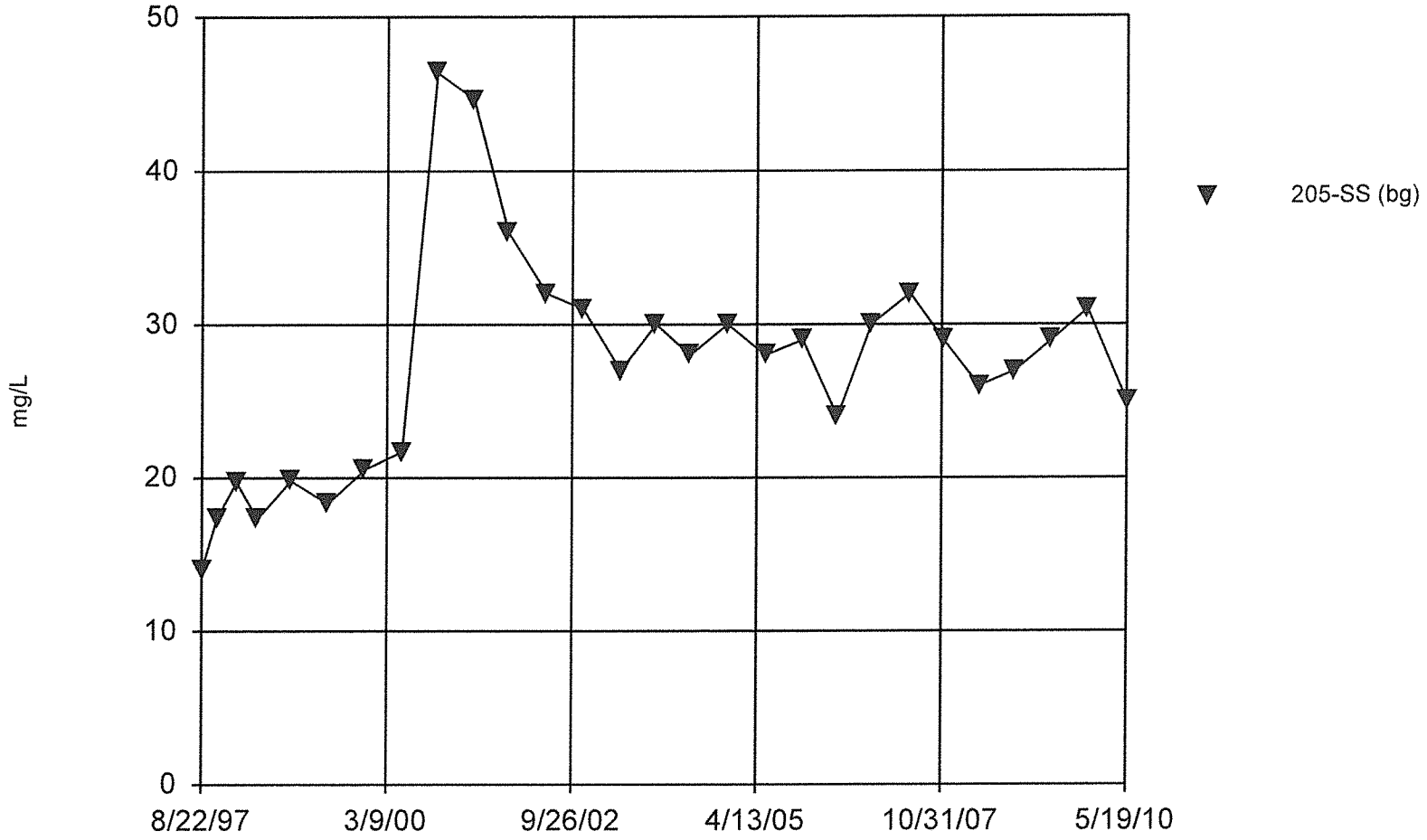


Constituent: Chemical Oxygen Demand [COD] Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

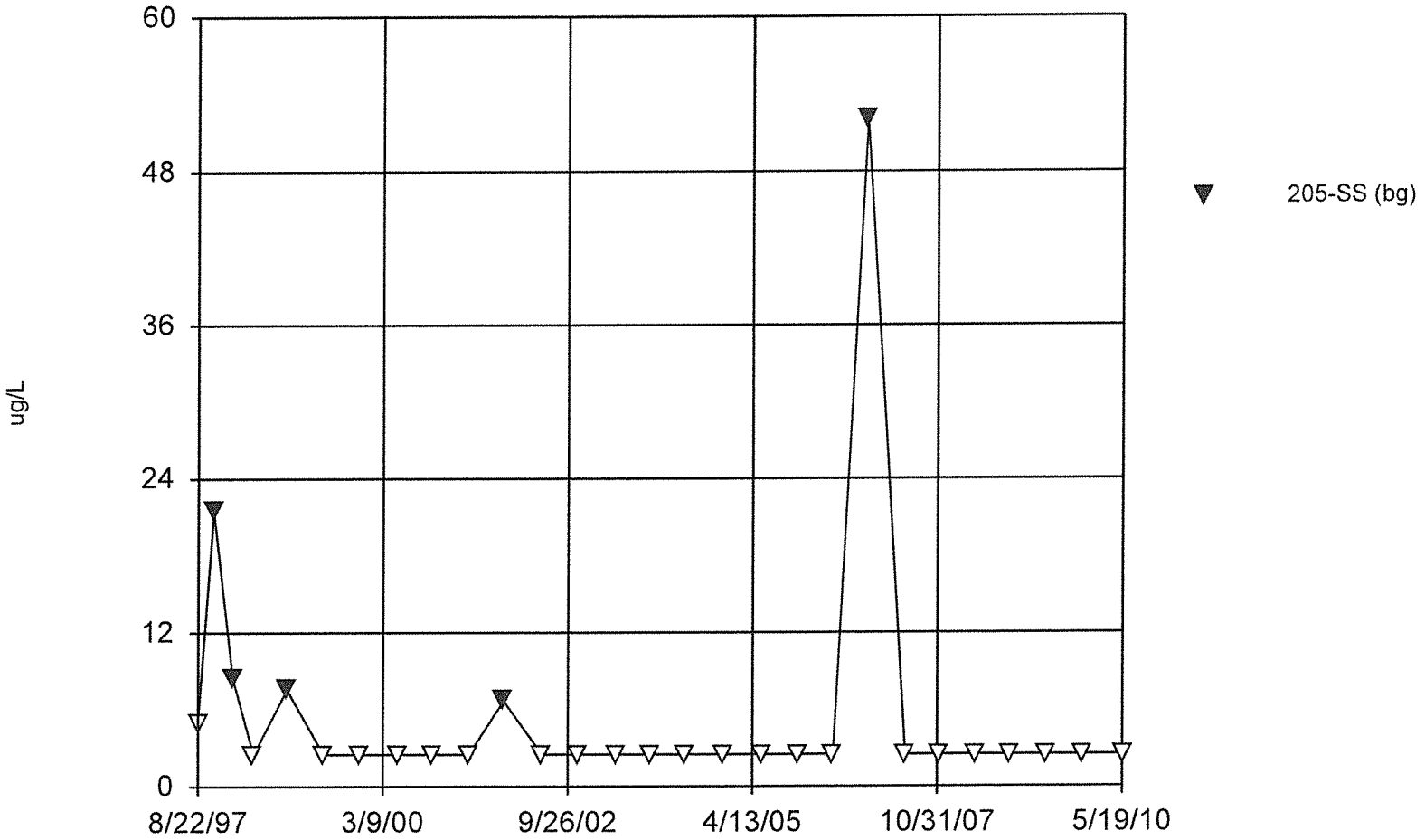


Constituent: Chloride Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

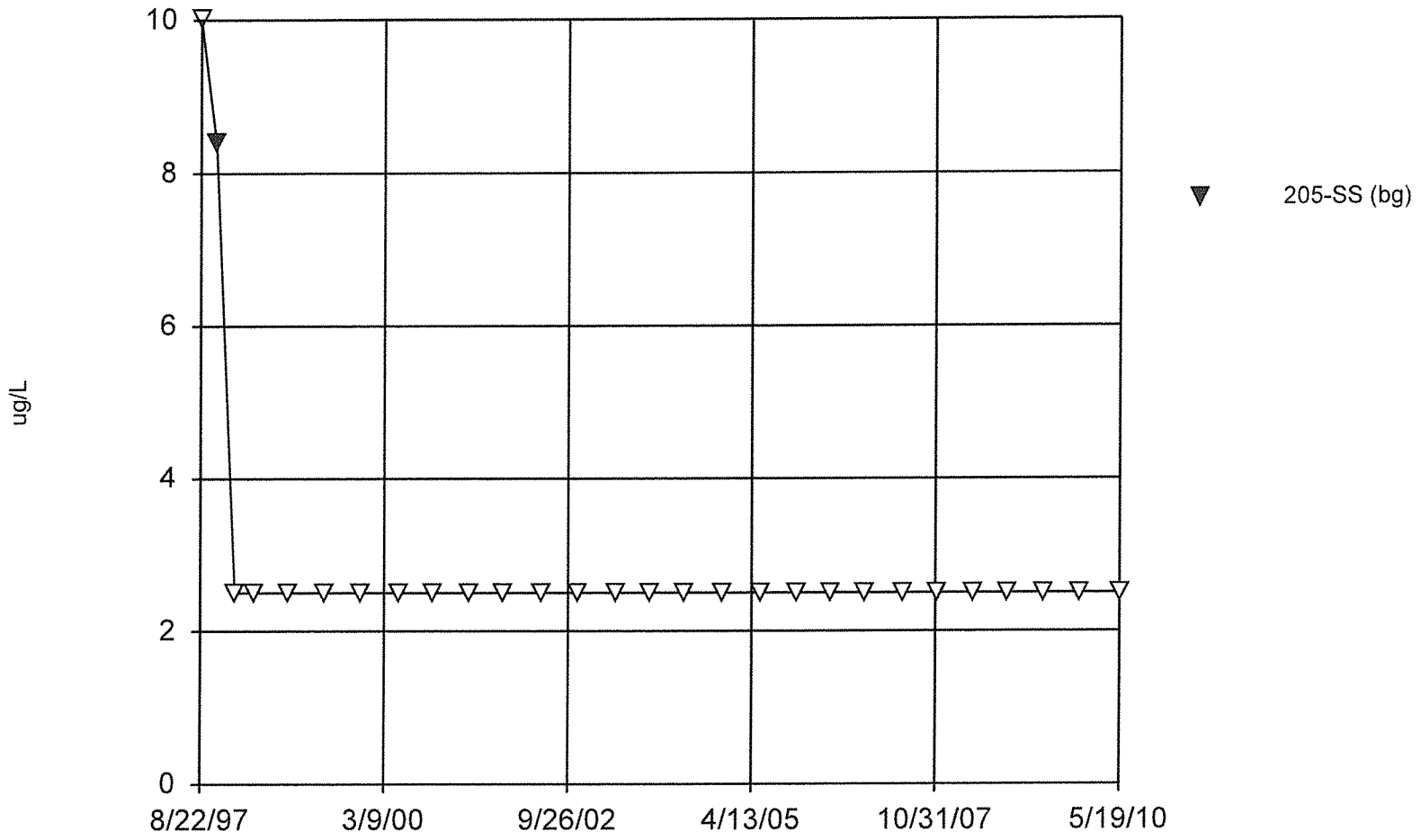


Constituent: Chromium Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

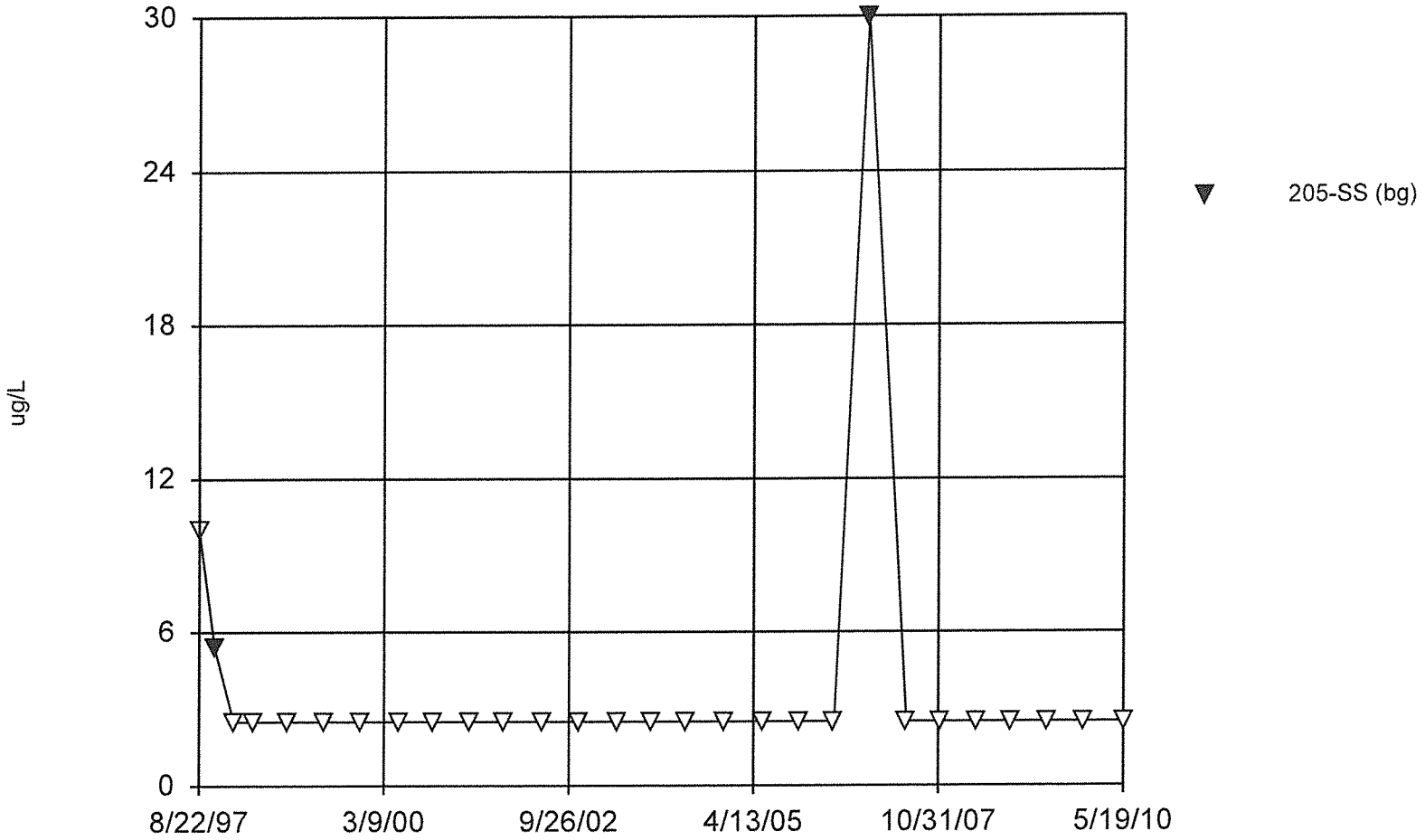


Constituent: Cobalt Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

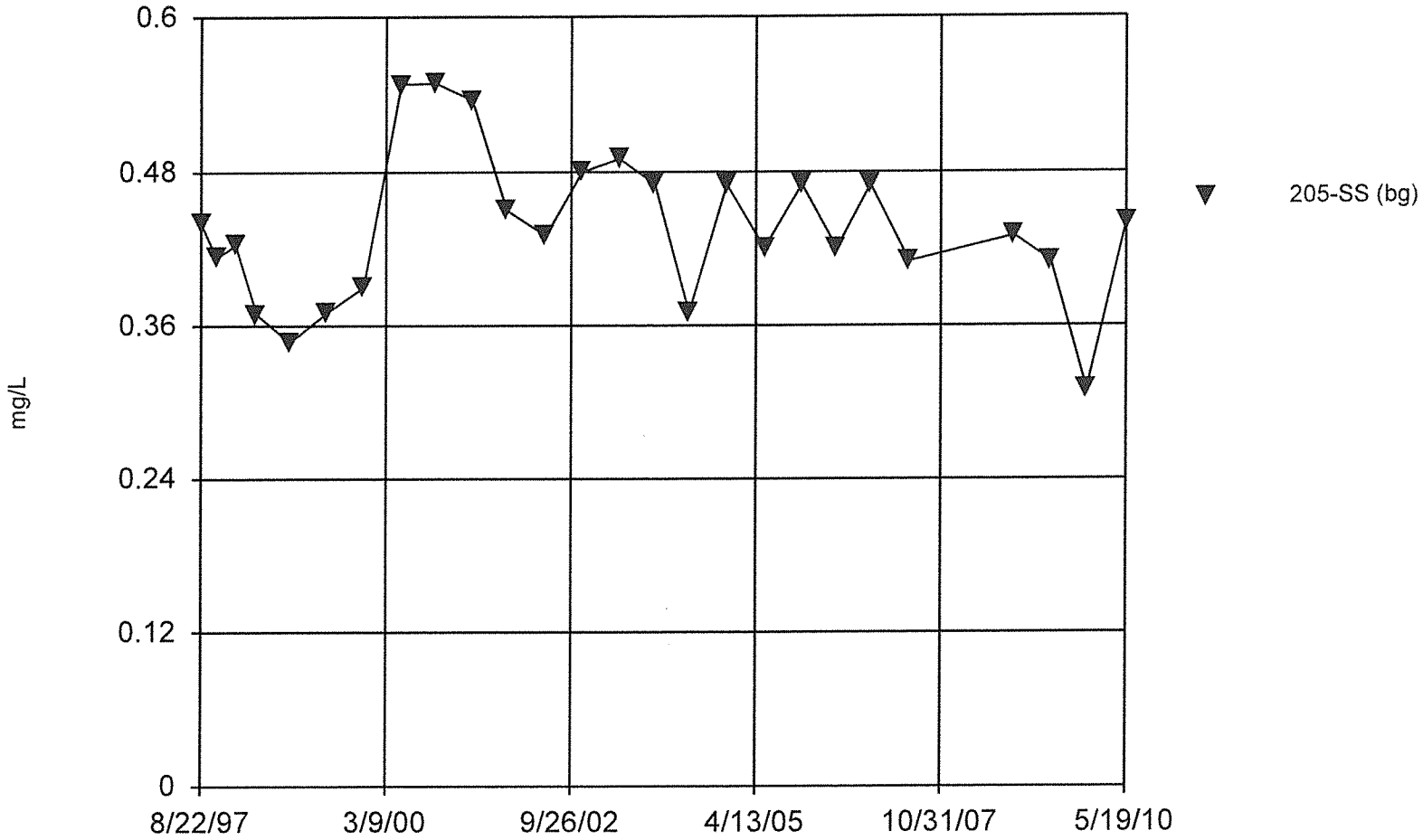


Constituent: Copper Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

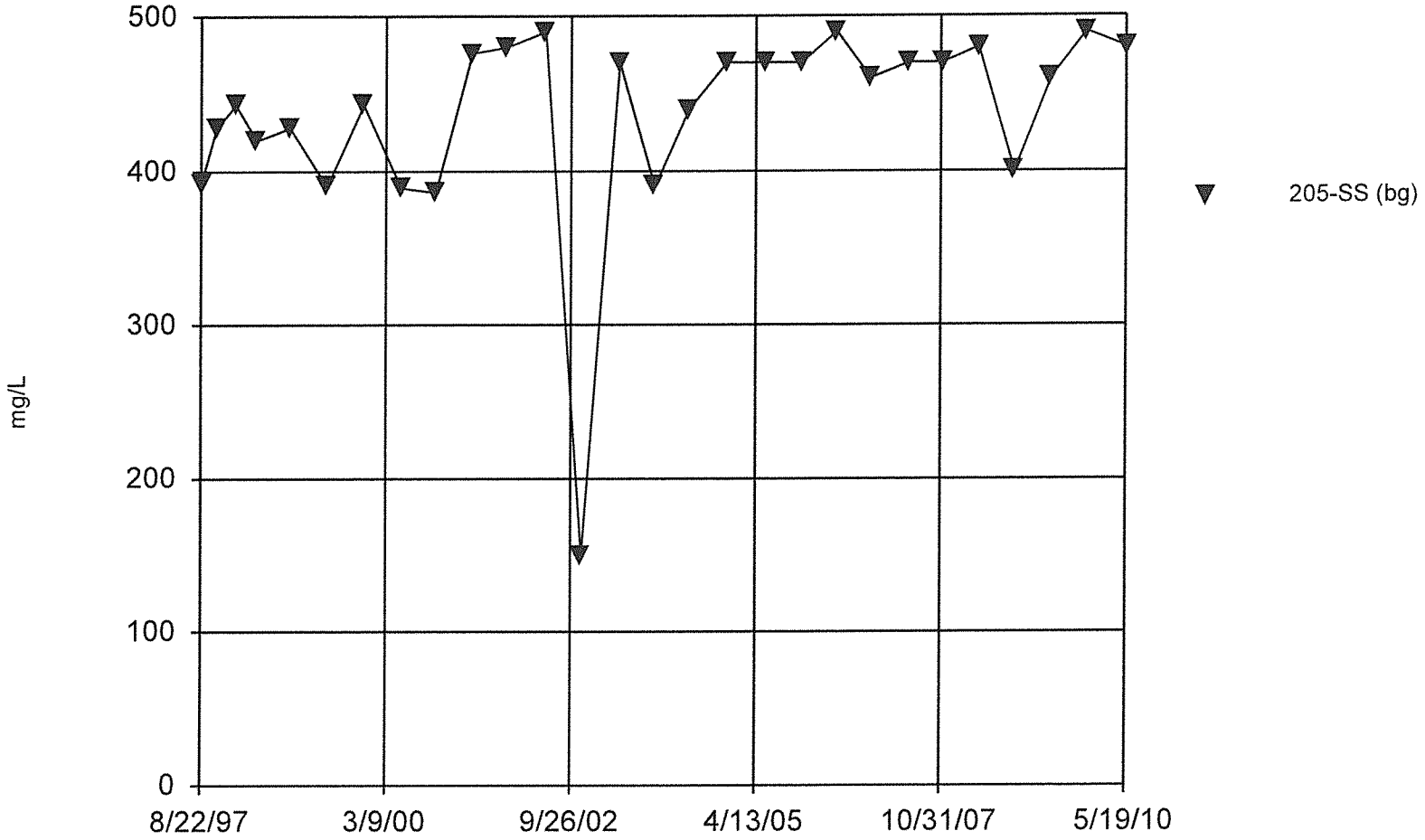


Constituent: Fluoride Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

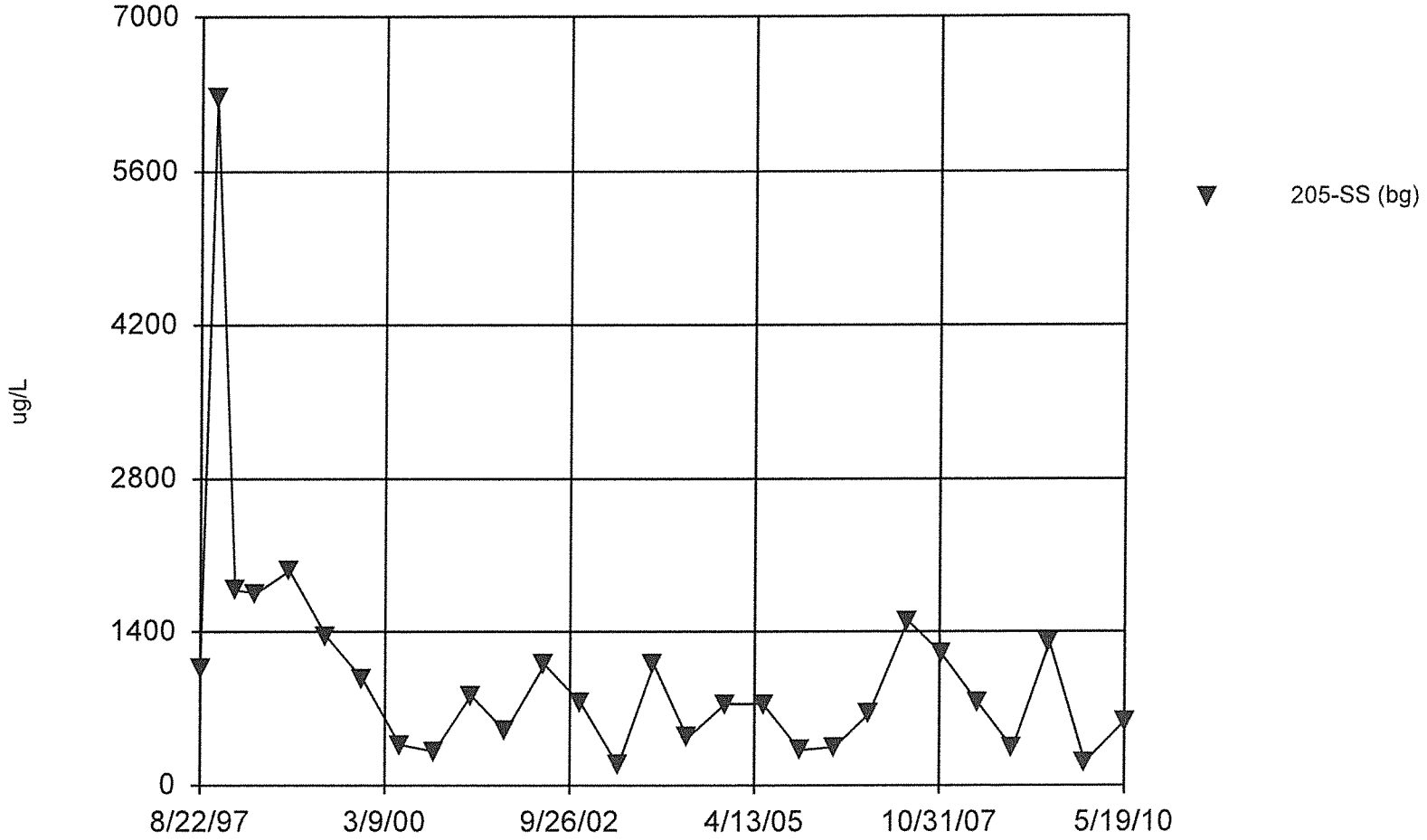


Constituent: Hardness Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

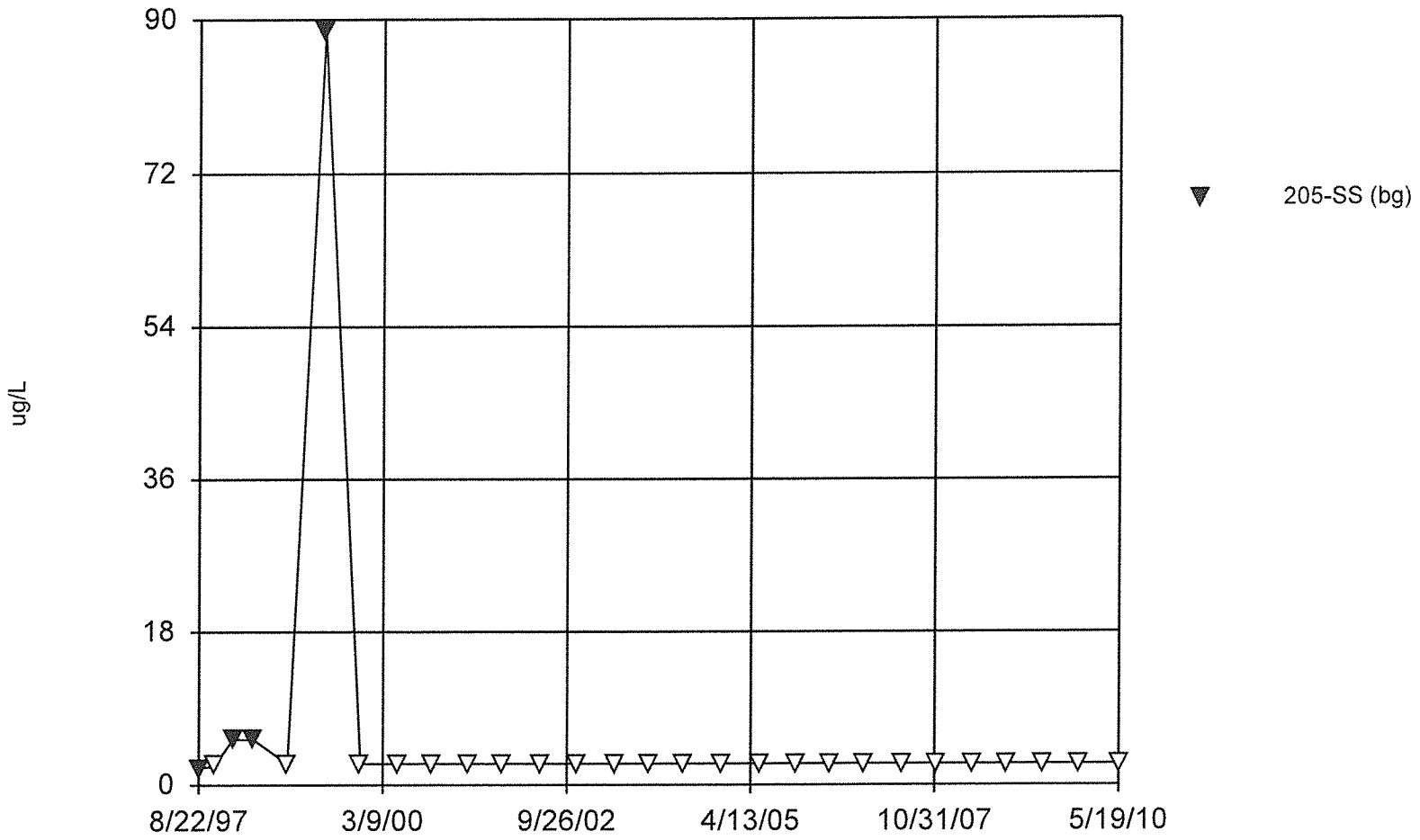


Constituent: Iron Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

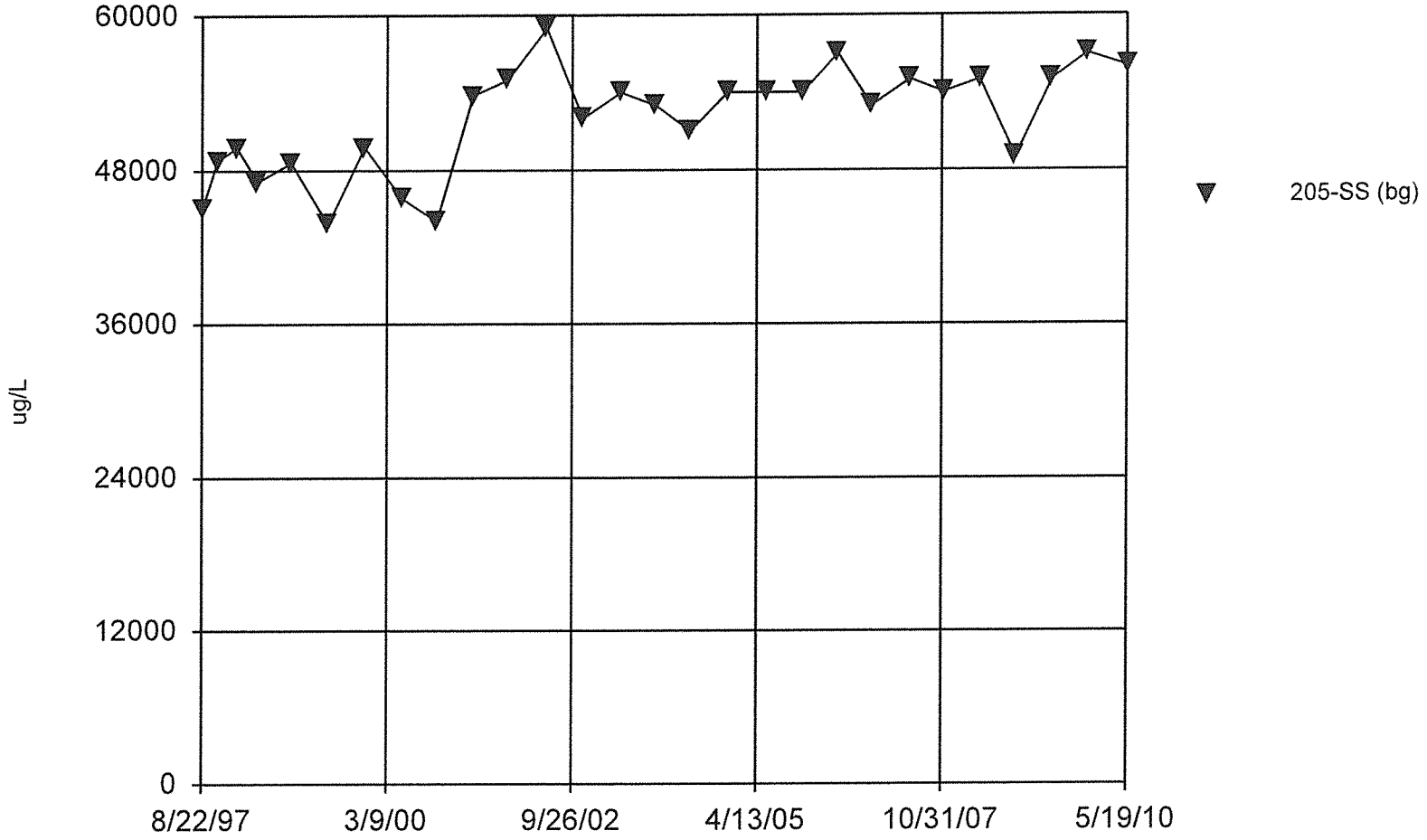


Constituent: Lead Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

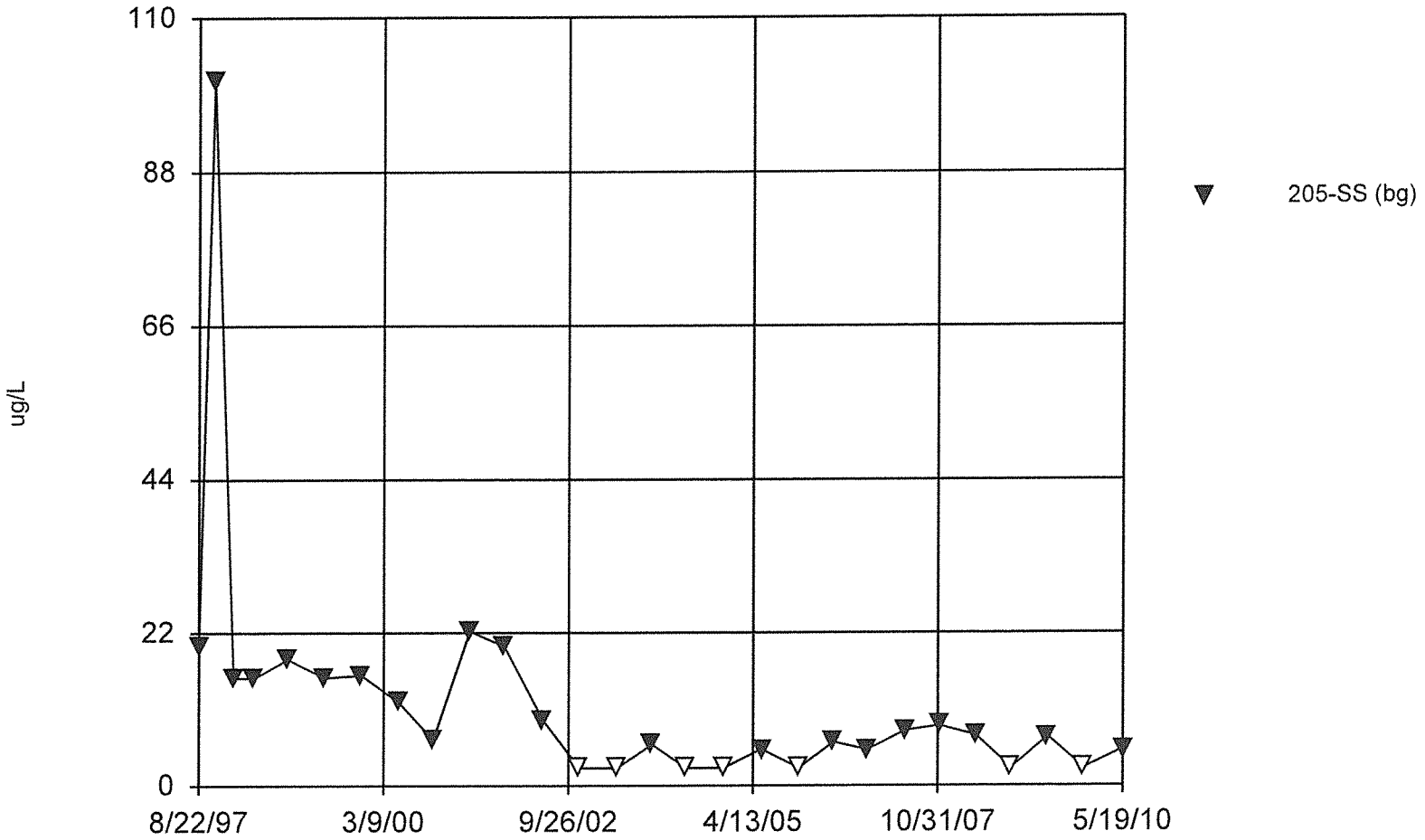


Constituent: Magnesium Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

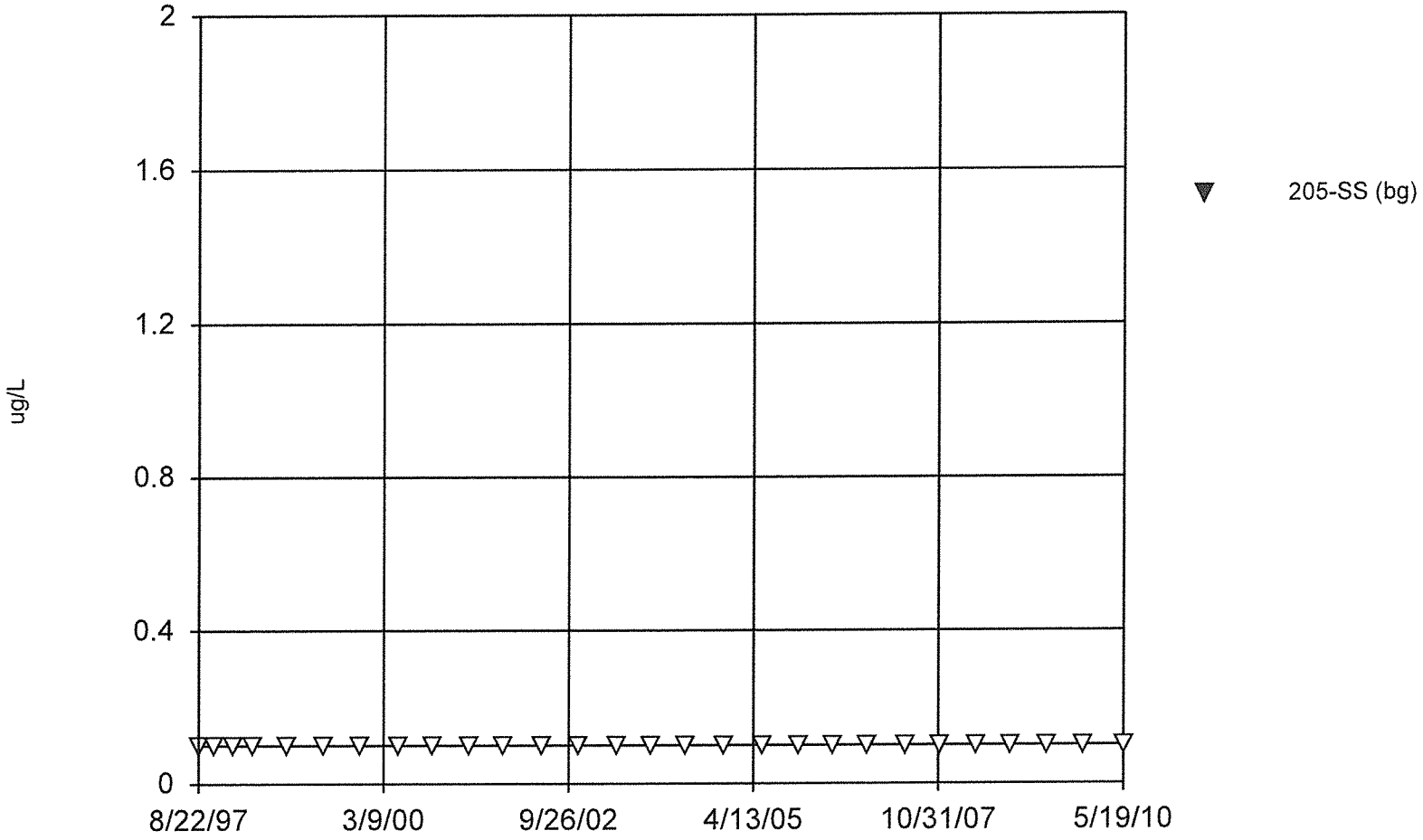
Time Series



Constituent: Manganese Total Analysis Run 11/3/2010 11:18 AM
Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

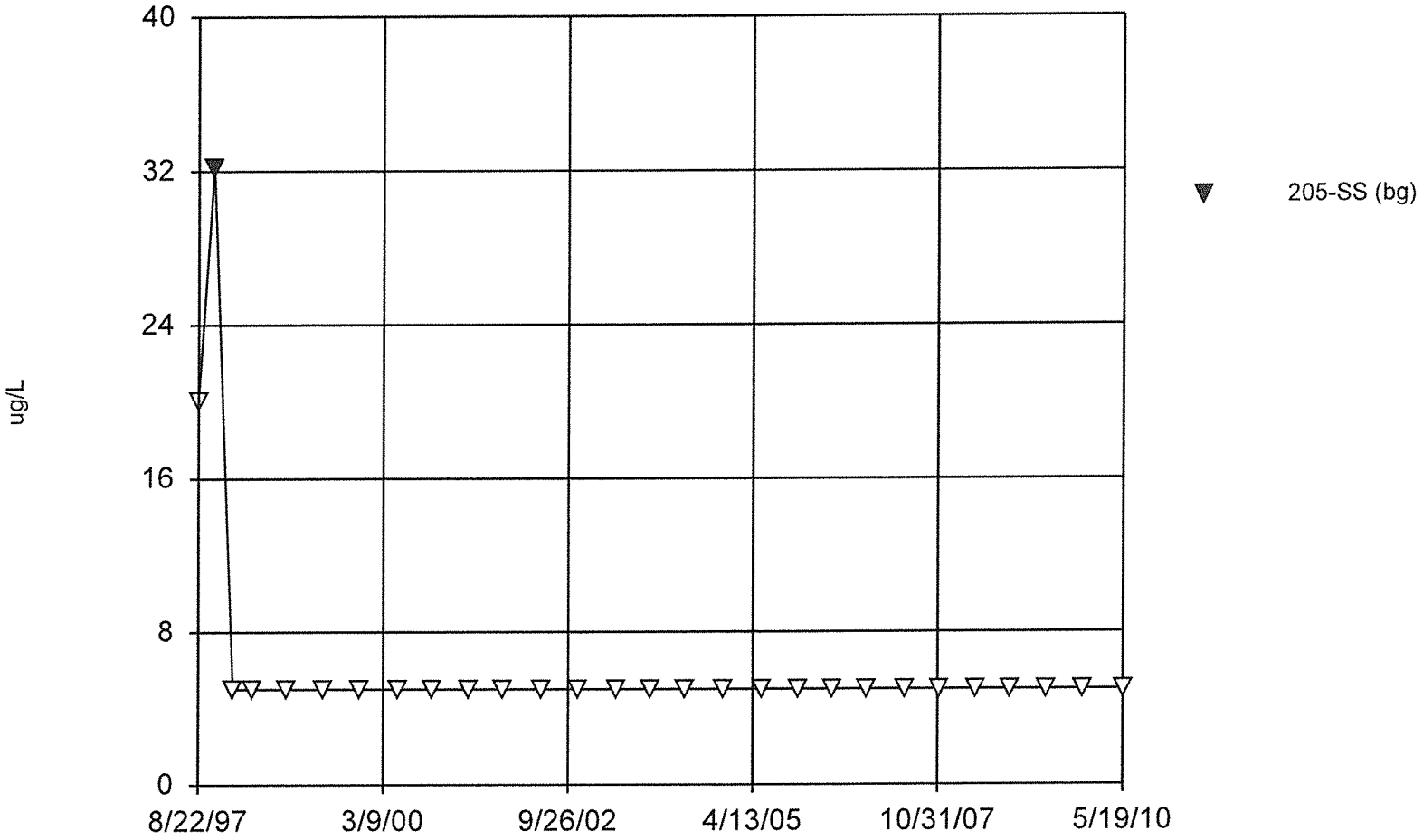


Constituent: Mercury Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

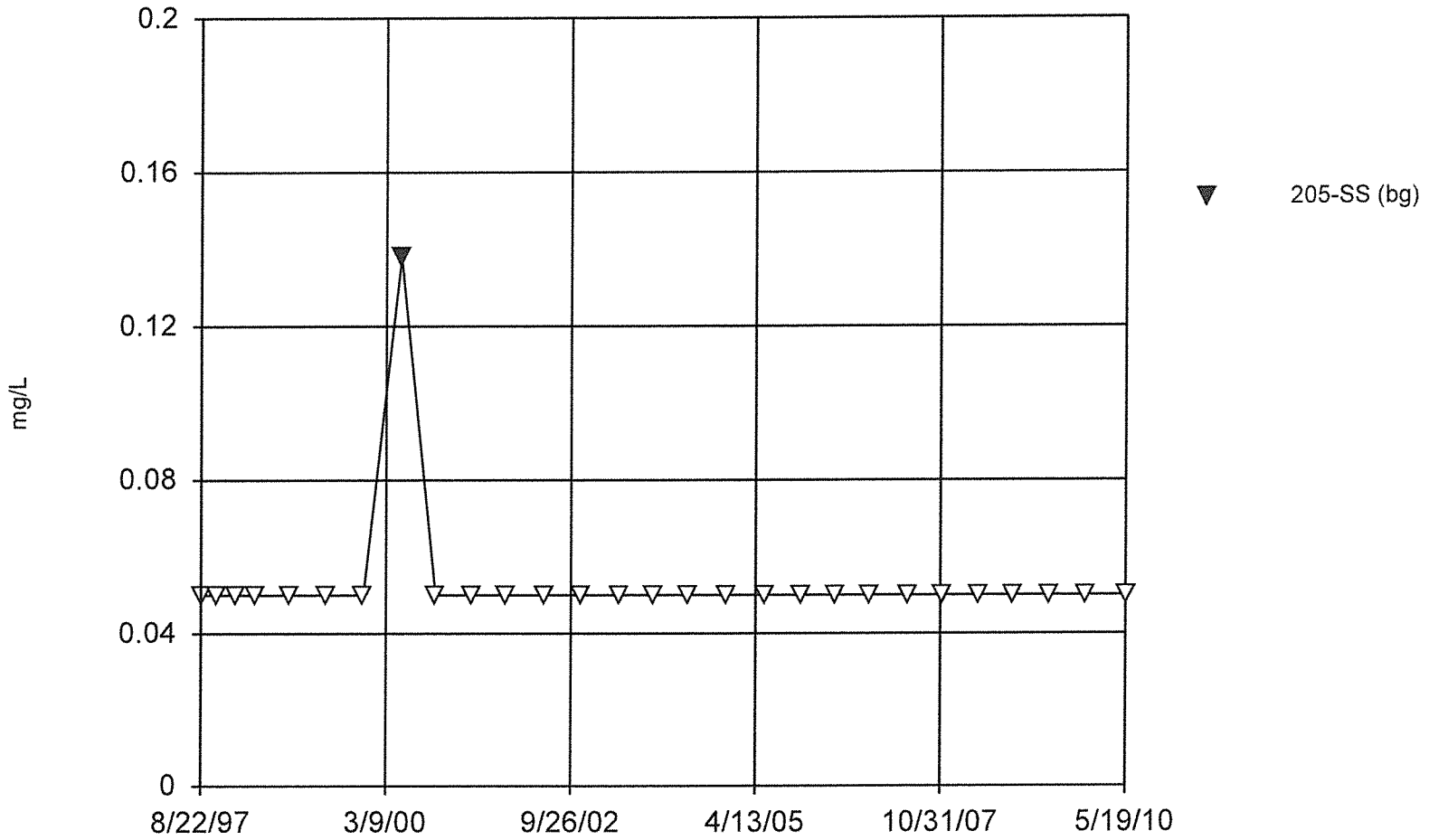


Constituent: Nickel Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

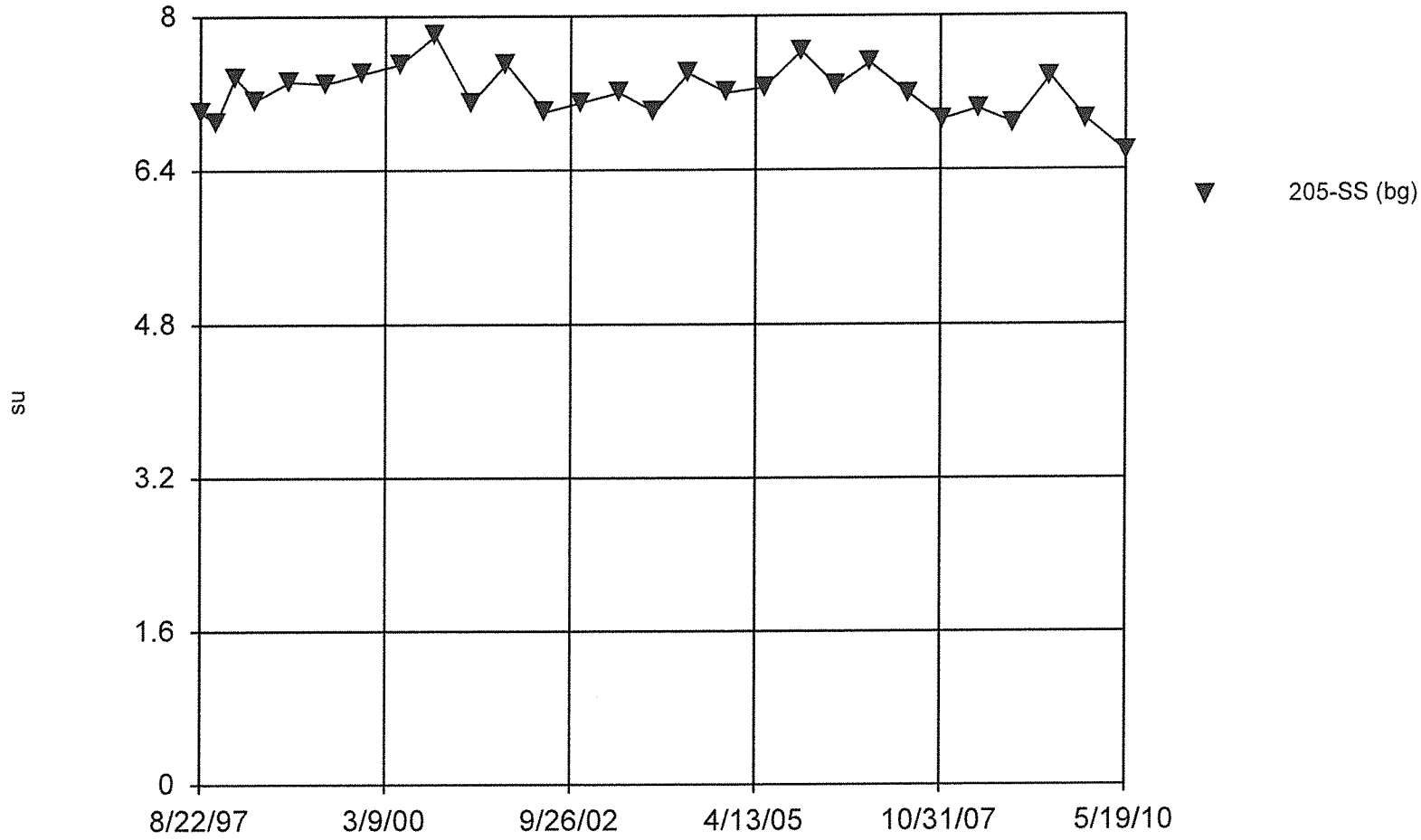


Constituent: Nitrate/Nitrite Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

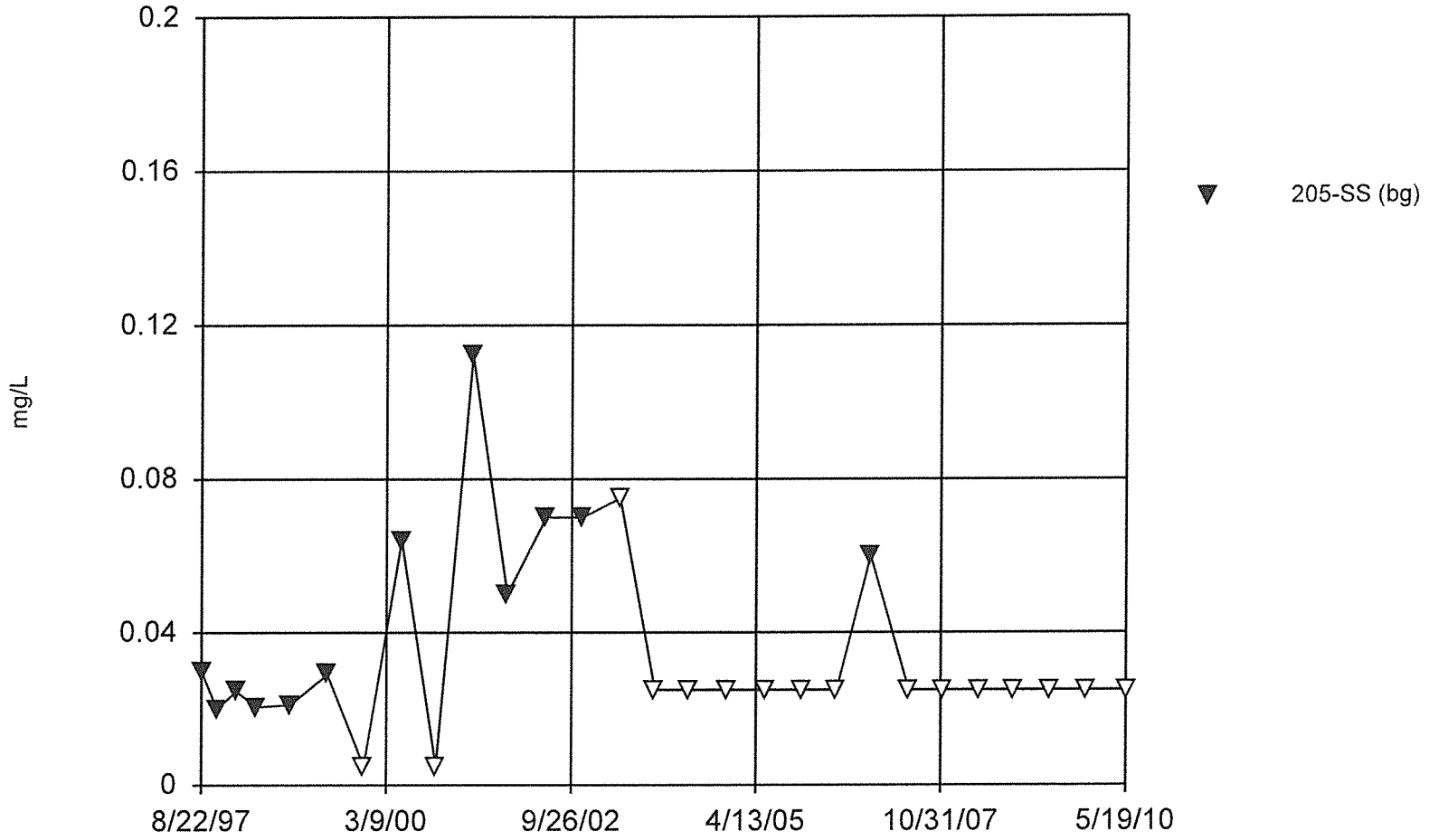


Constituent: pH [Field] Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

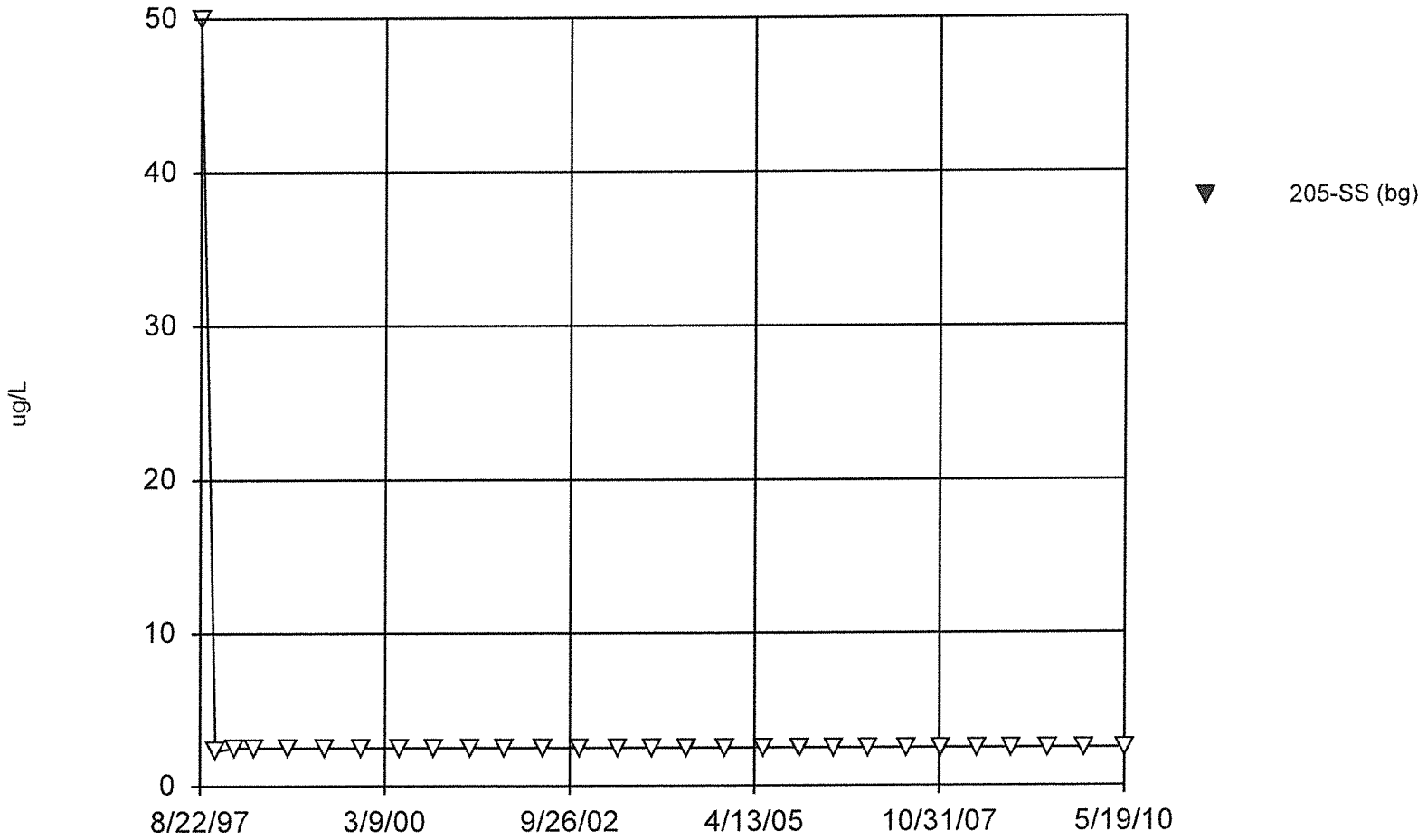


Constituent: Phosphorus Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

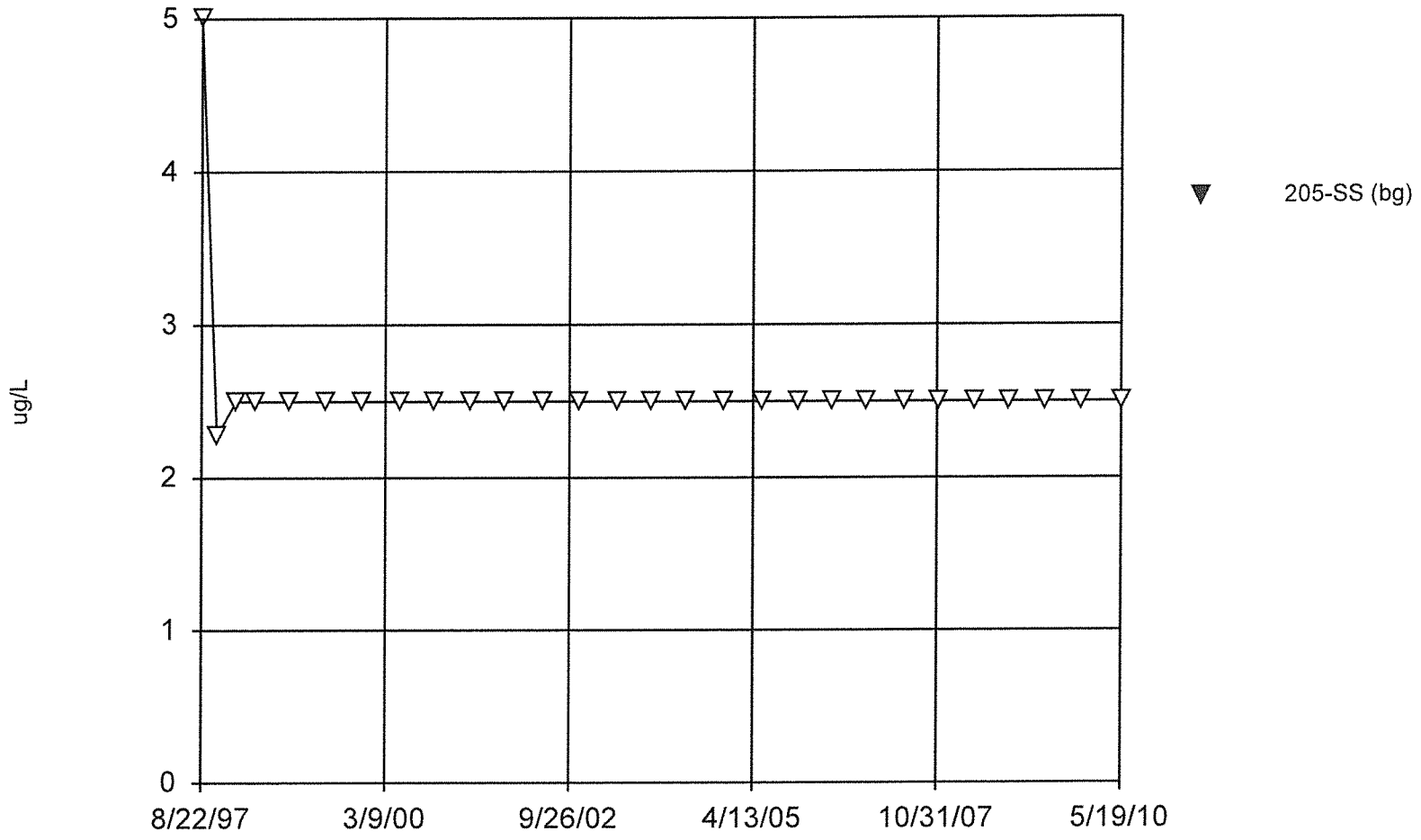


Constituent: Selenium Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

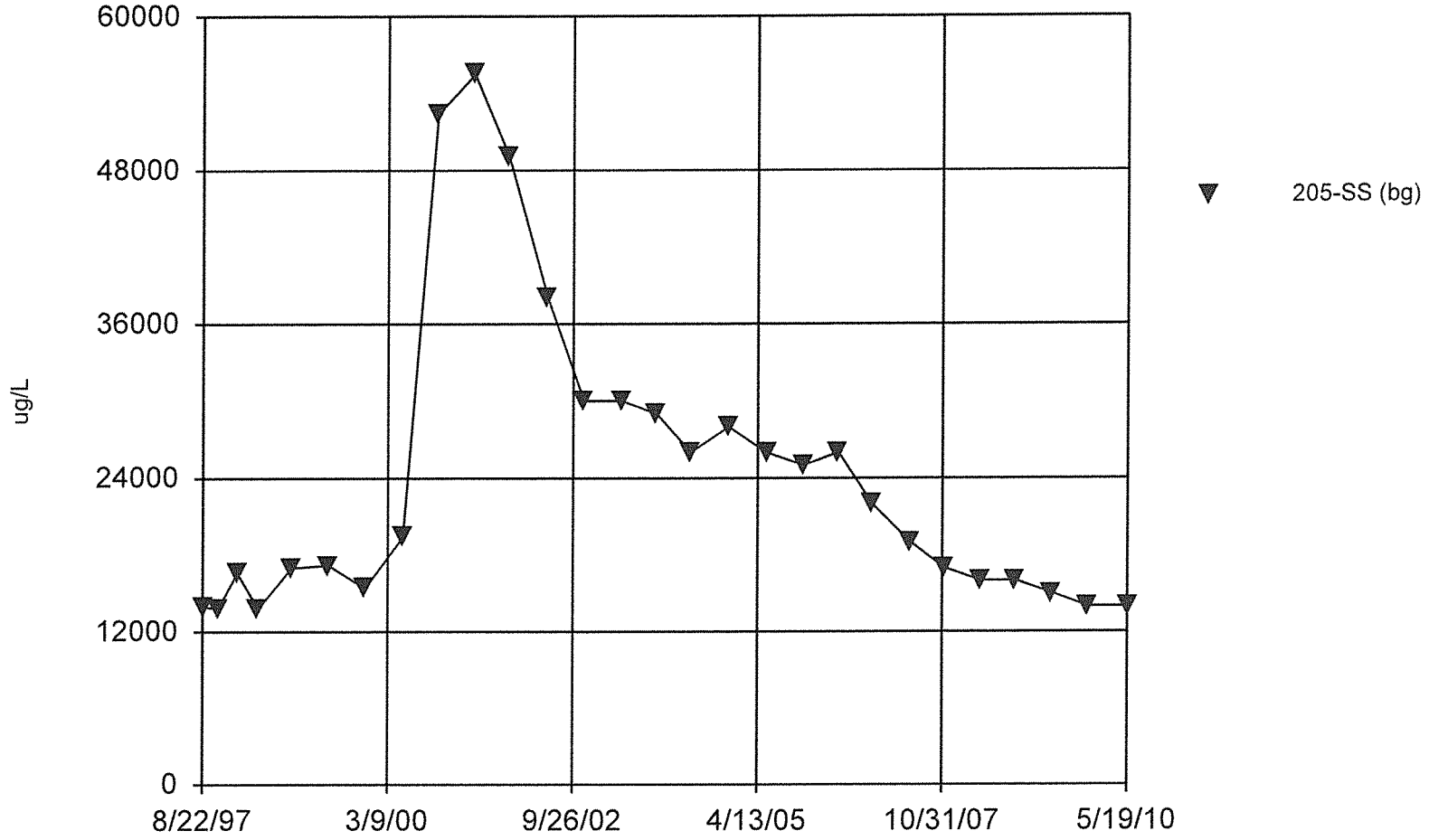


Constituent: Silver Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

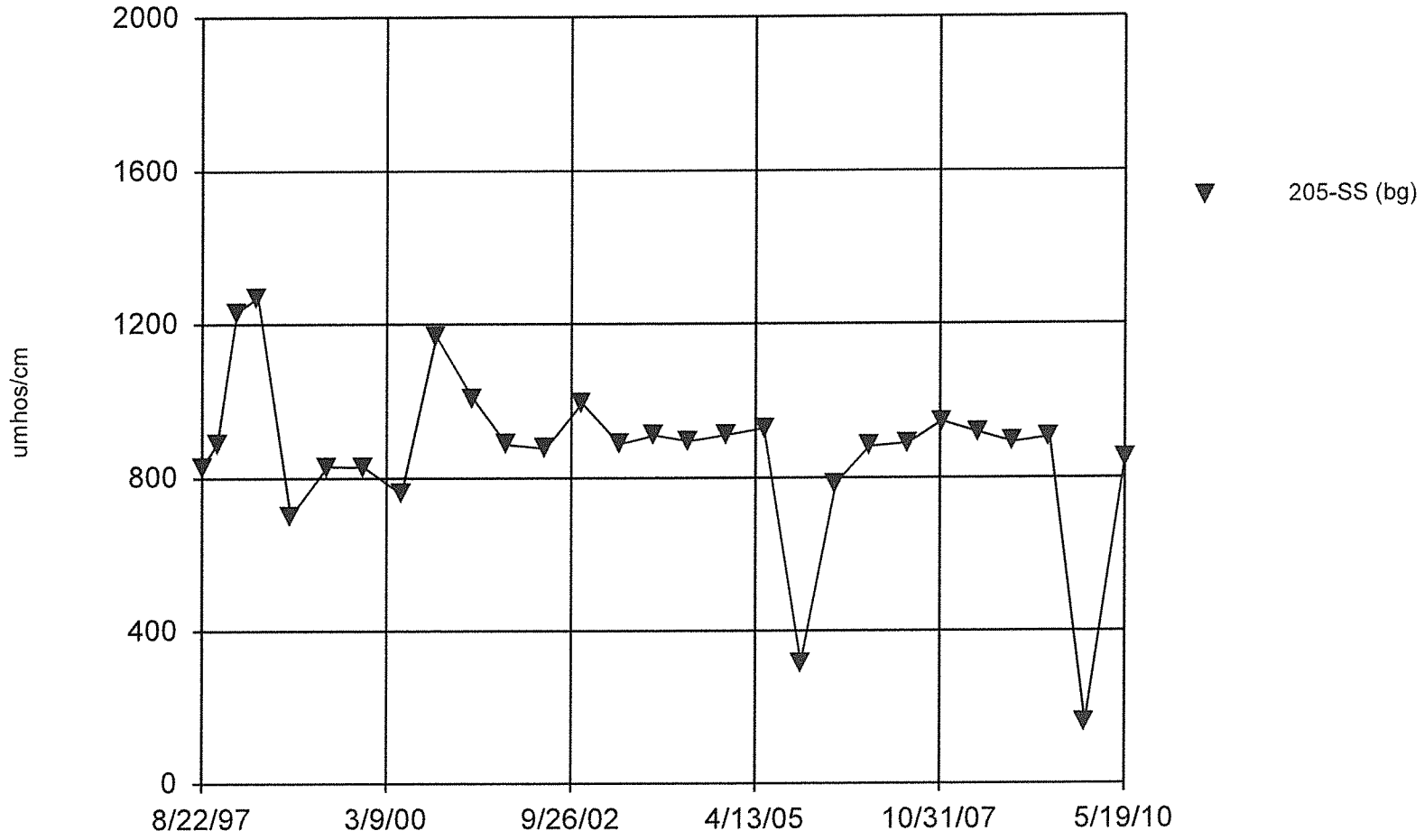


Constituent: Sodium Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

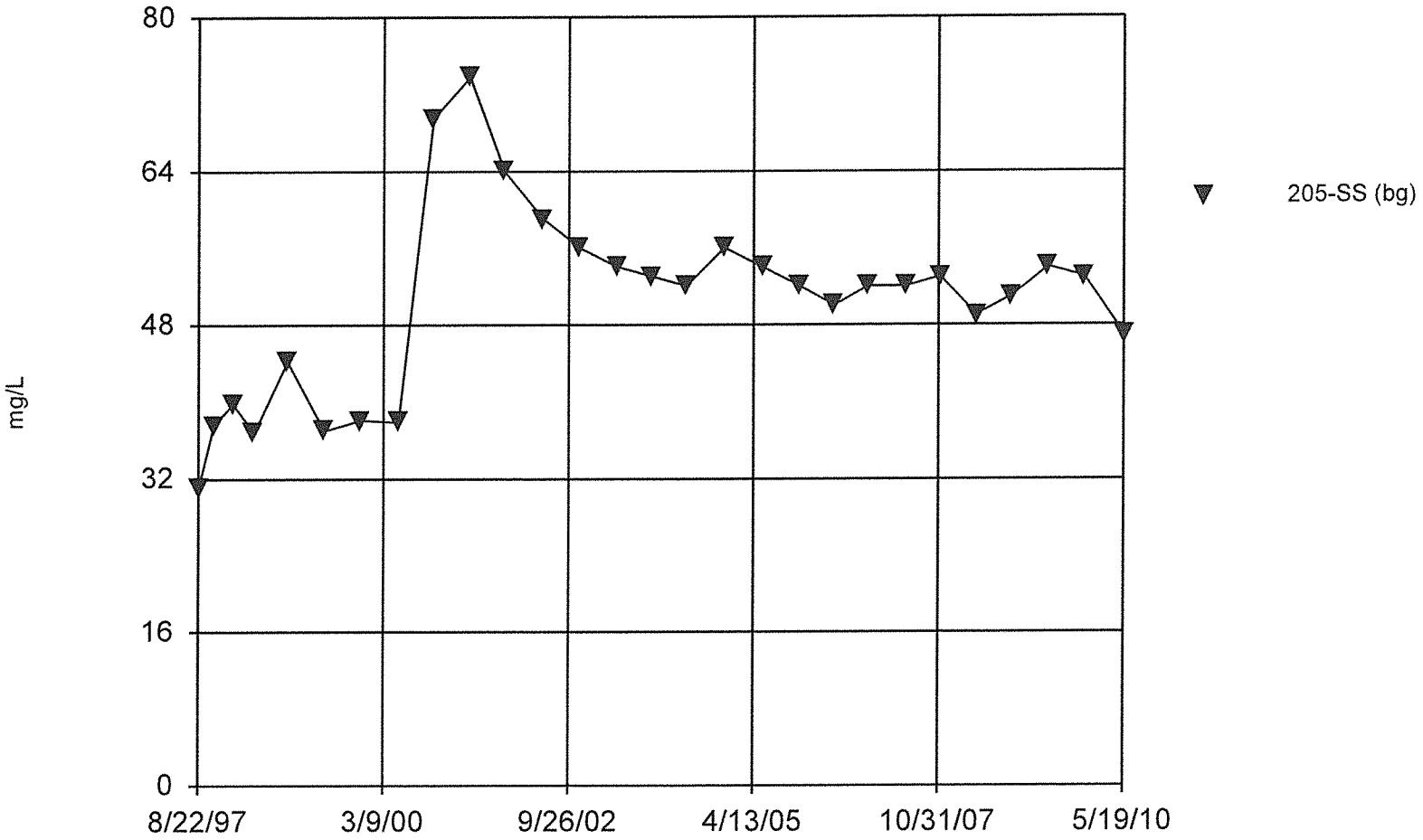


Constituent: Specific Conductance [Field] Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

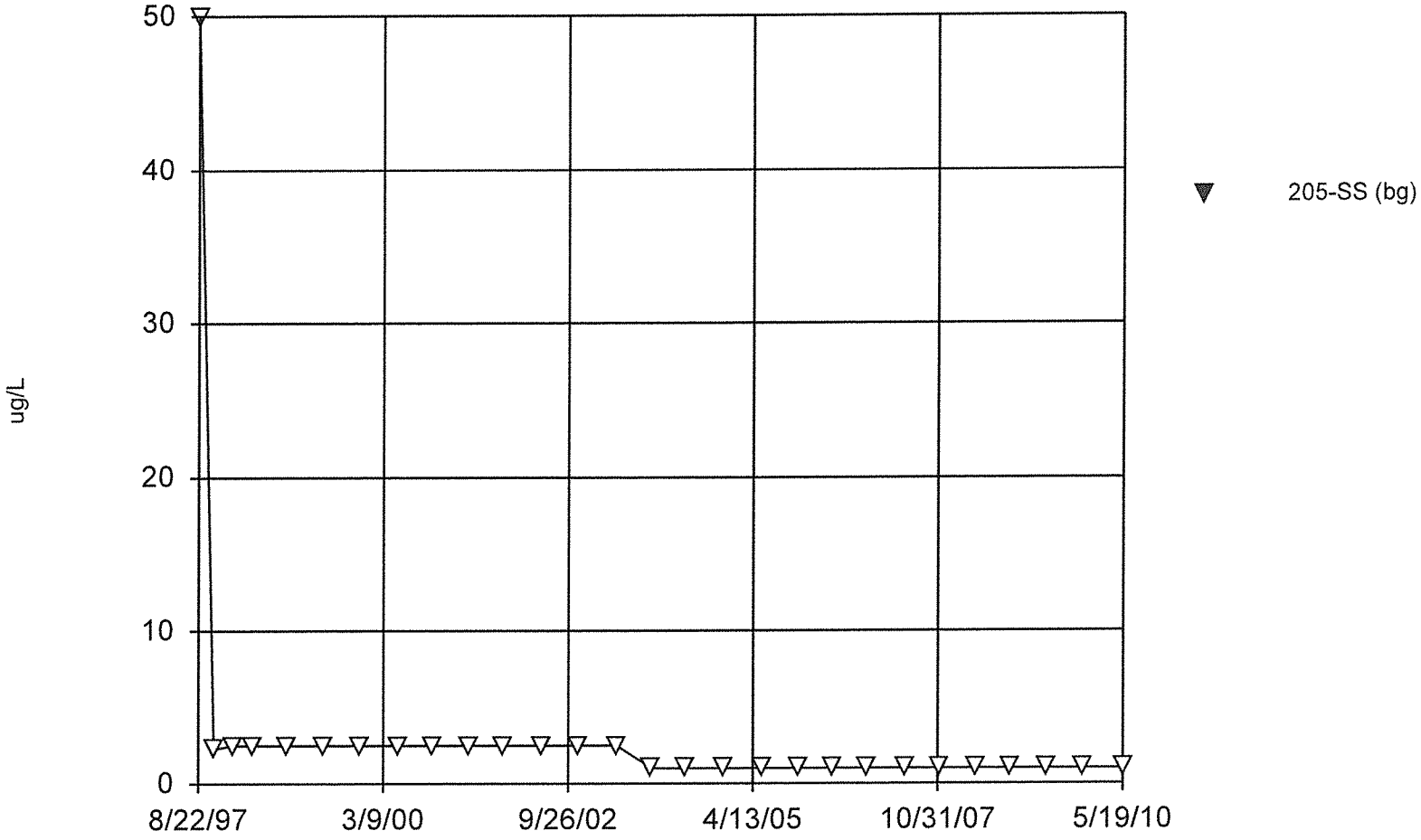


Constituent: Sulfate as SO4 Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

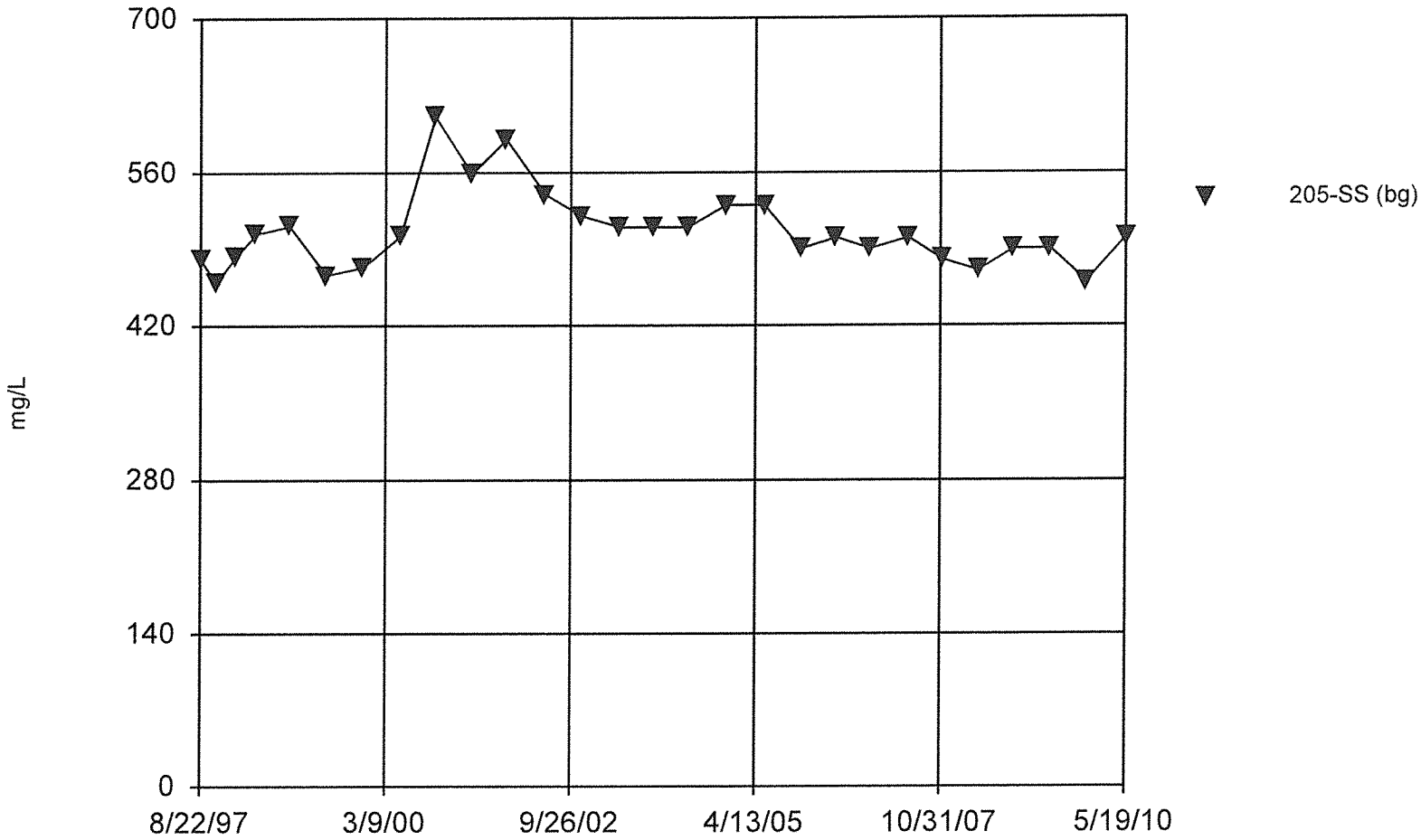


Constituent: Thallium Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

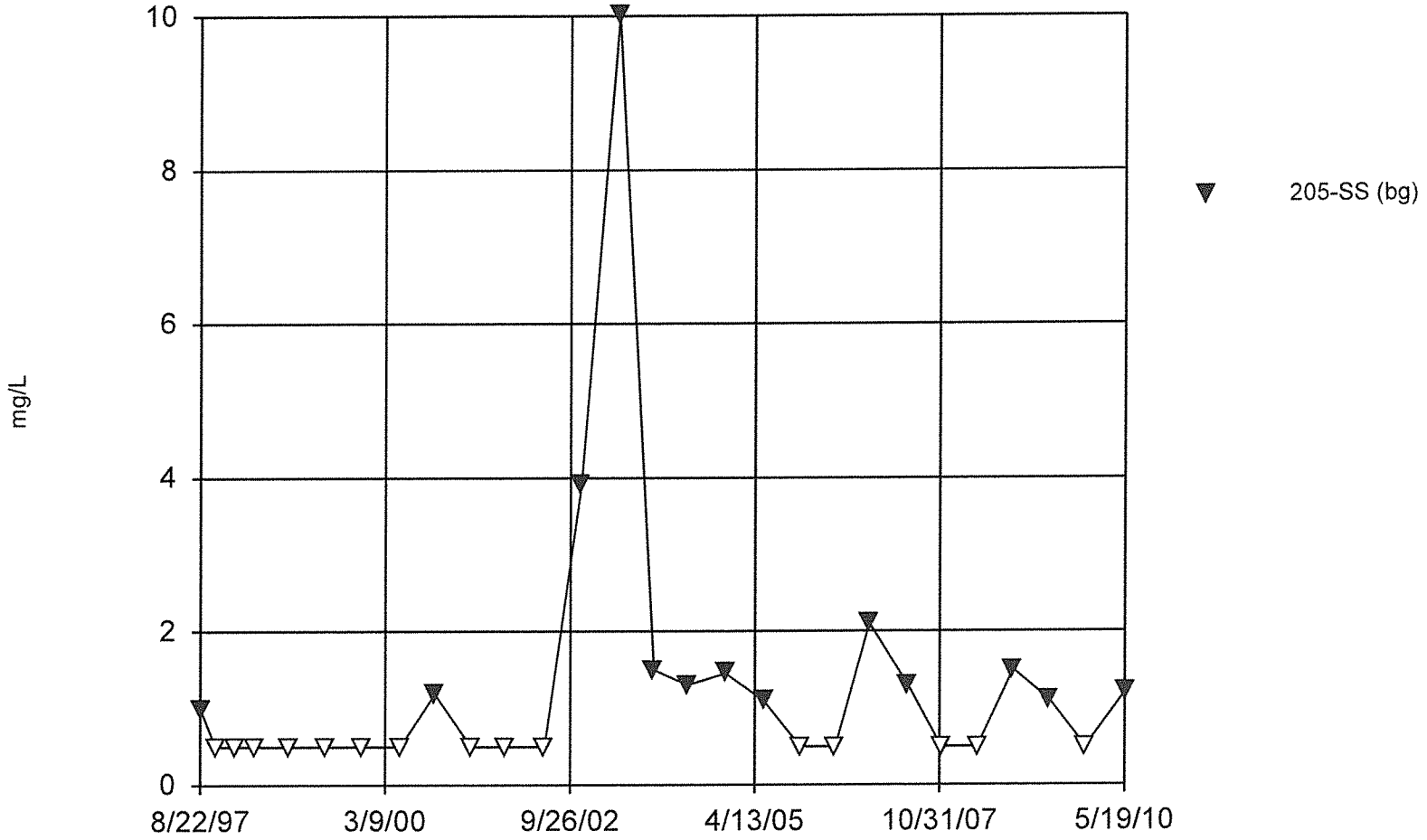


Constituent: Total Dissolved Solids [TDS] Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

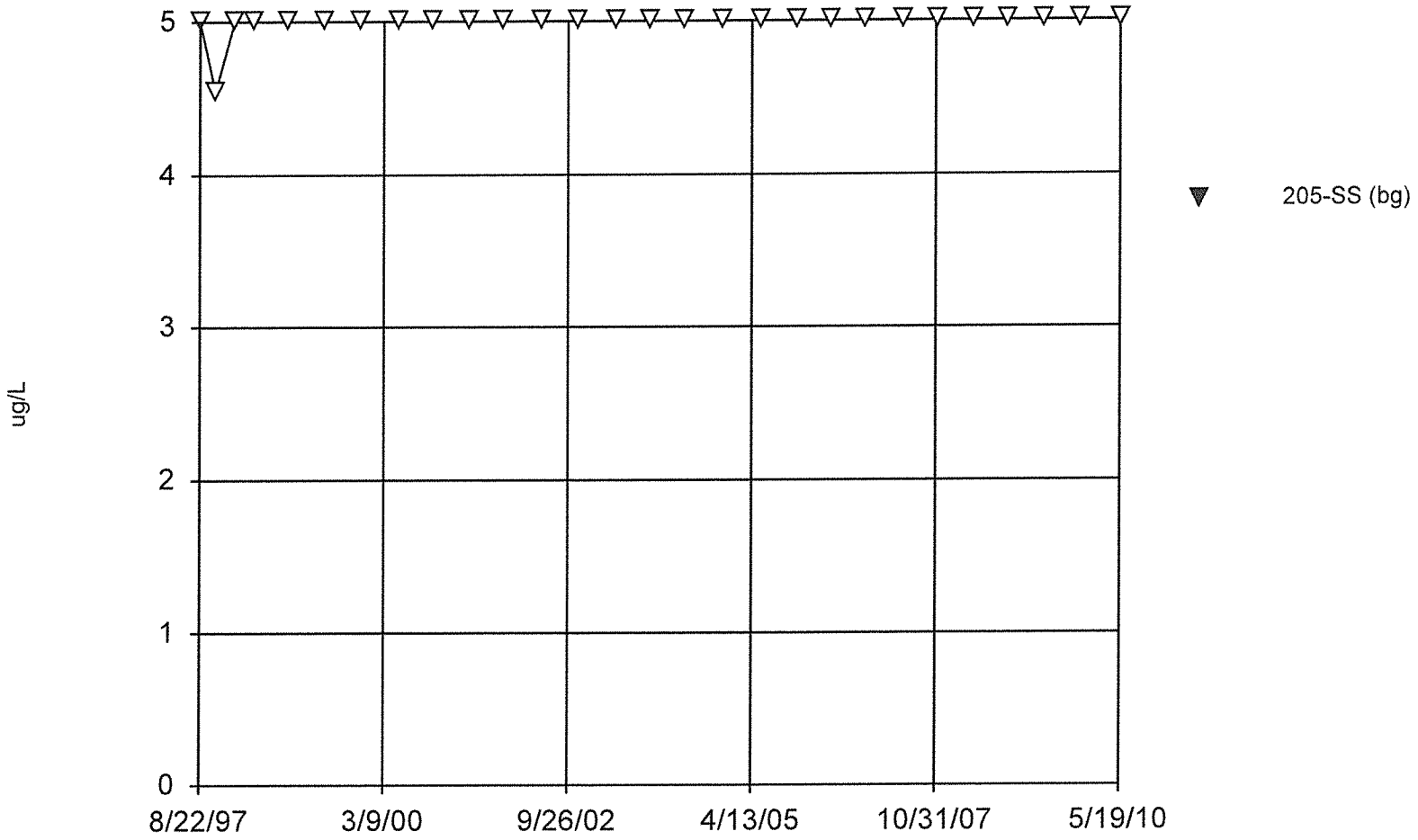


Constituent: Total Organic Carbon [TOC] Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

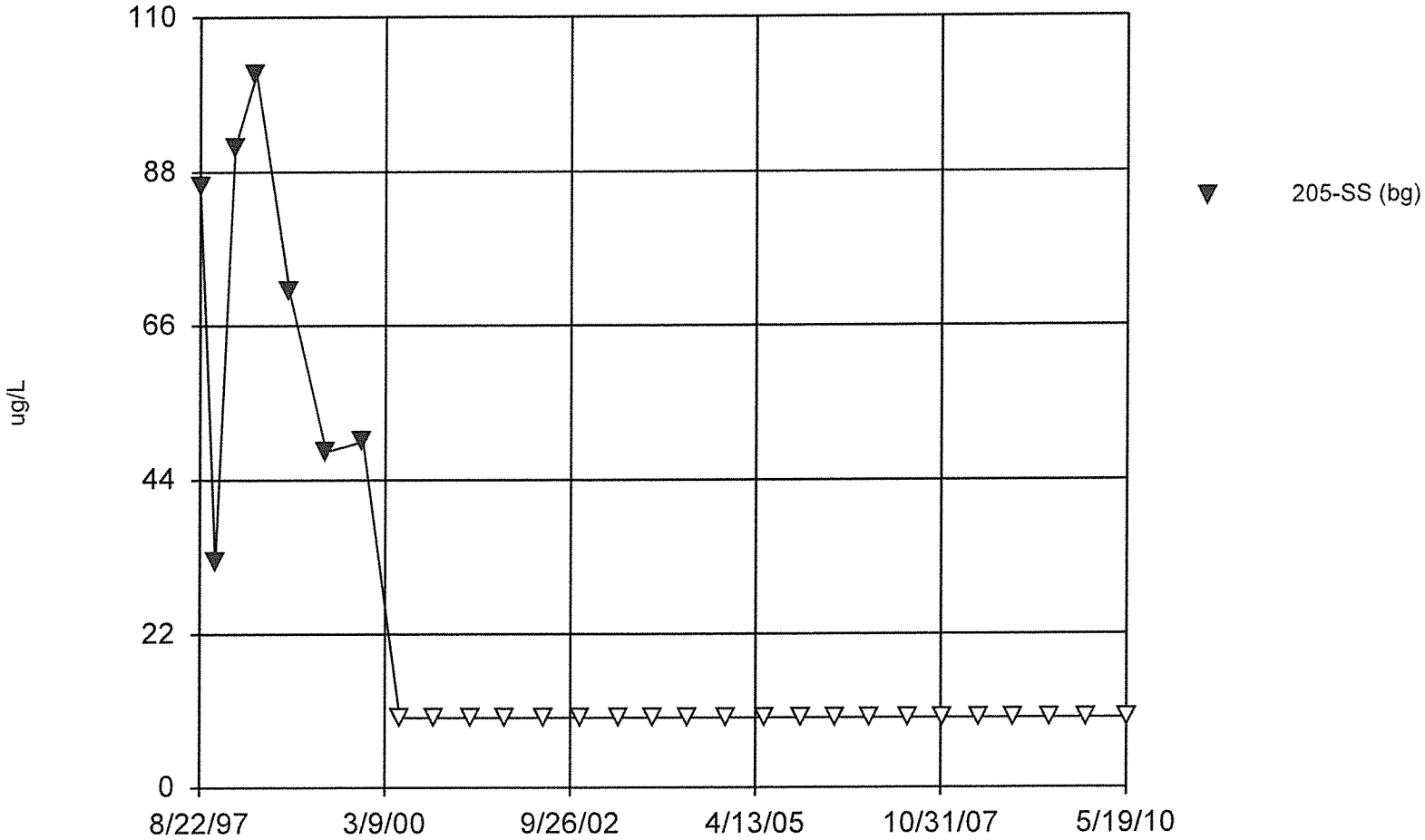


Constituent: Vanadium Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

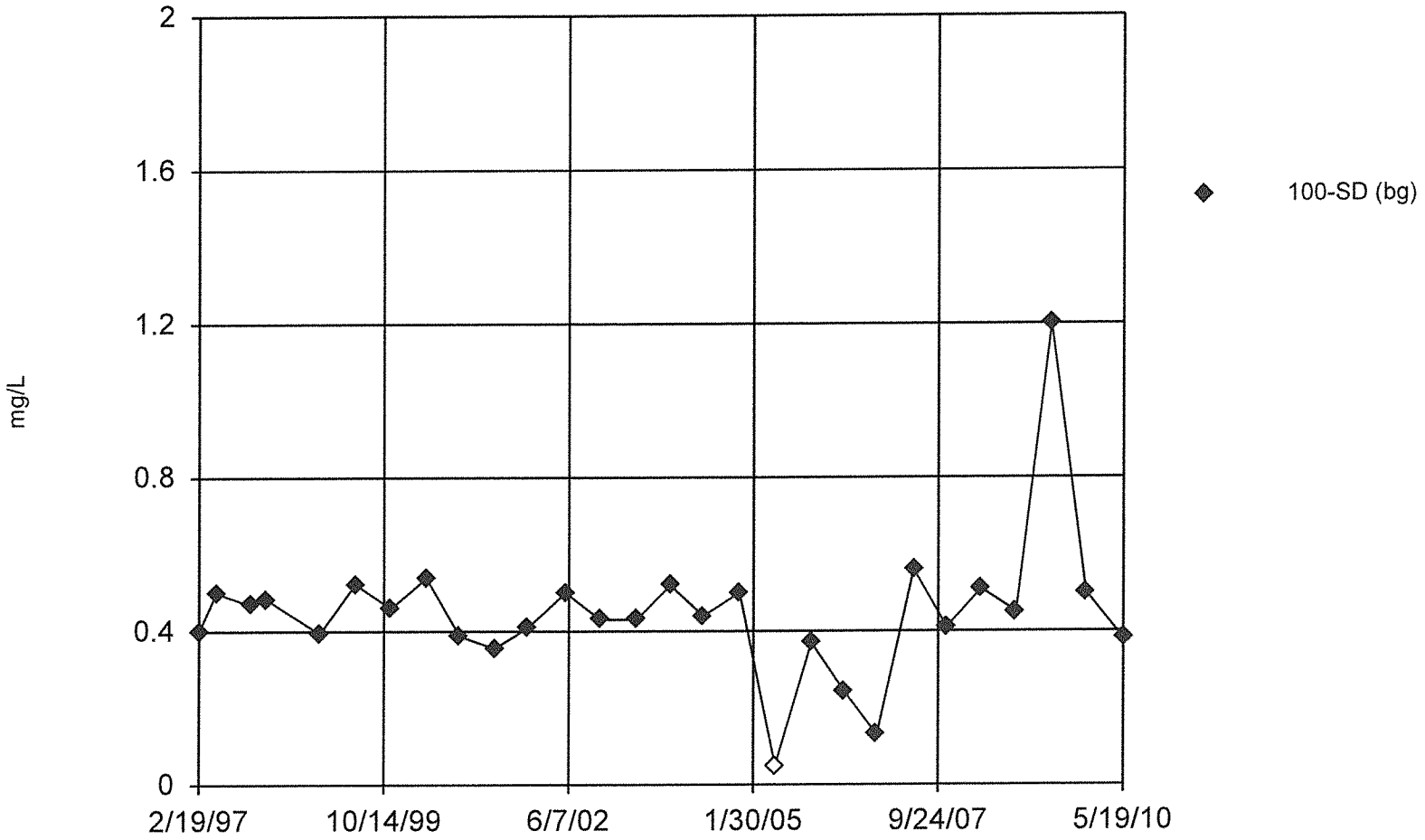


Constituent: Zinc Total Analysis Run 11/3/2010 11:18 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

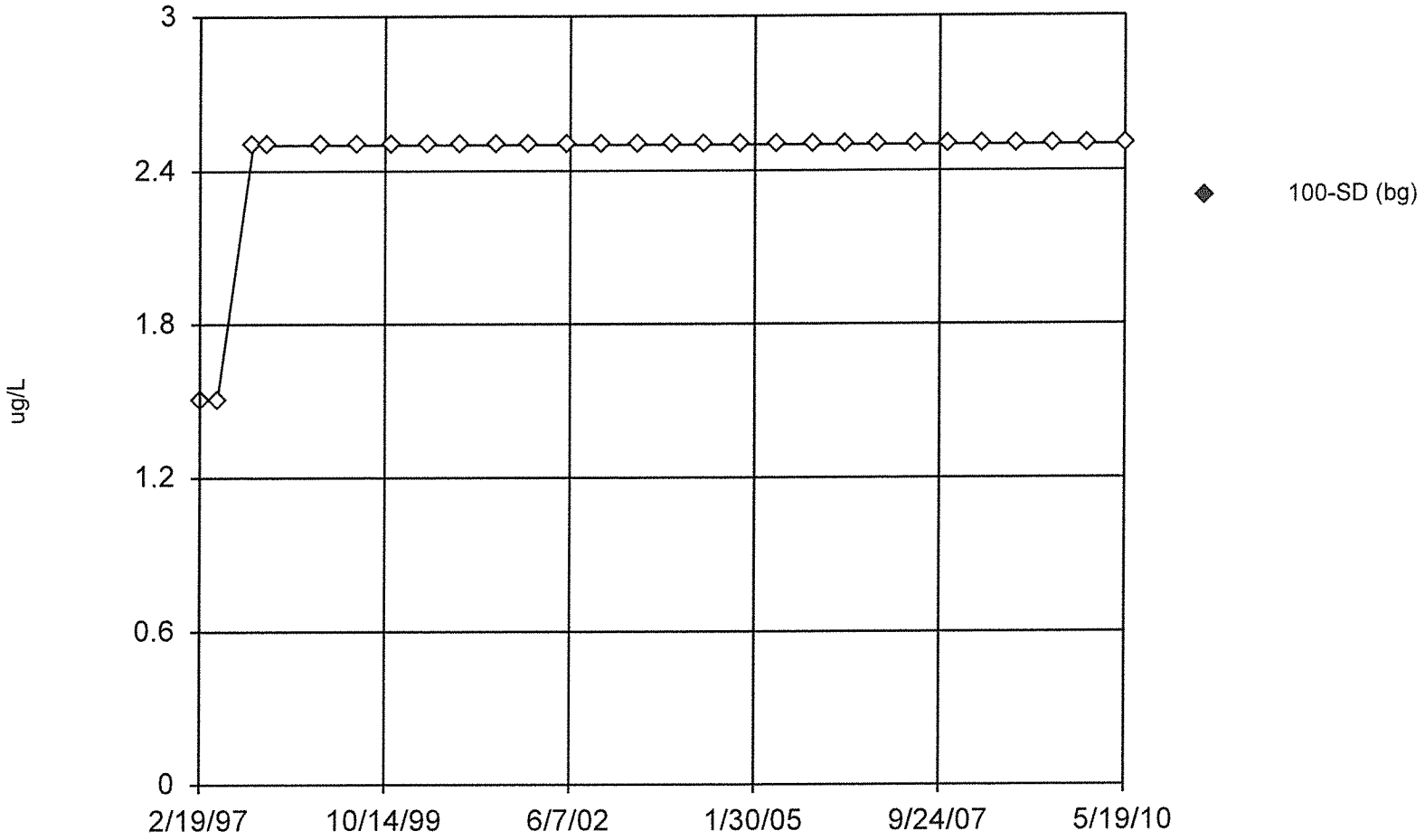


Constituent: Ammonia as N Analysis Run 9/3/2010 12:00 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

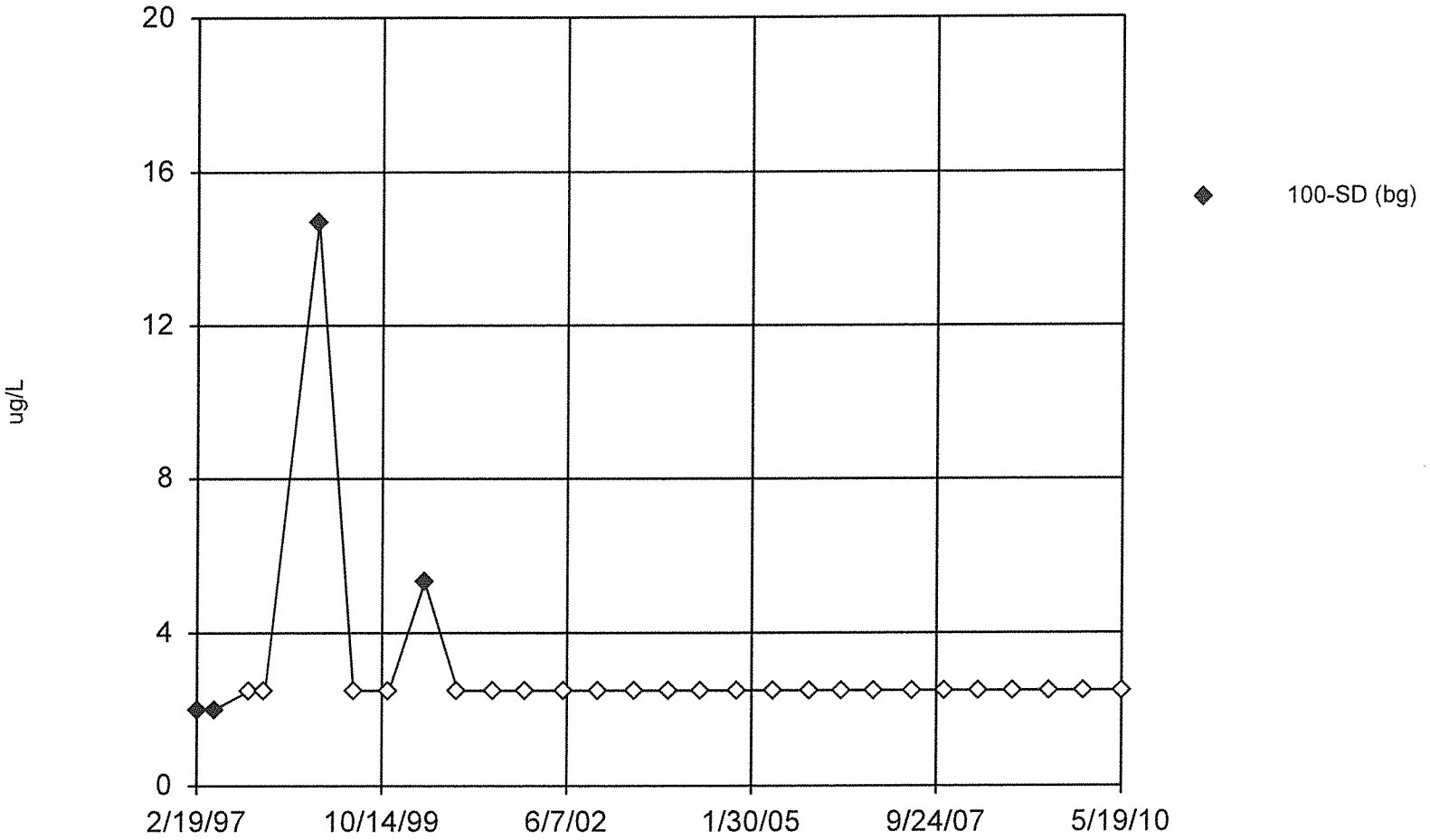


Constituent: Antimony Total Analysis Run 9/3/2010 12:00 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

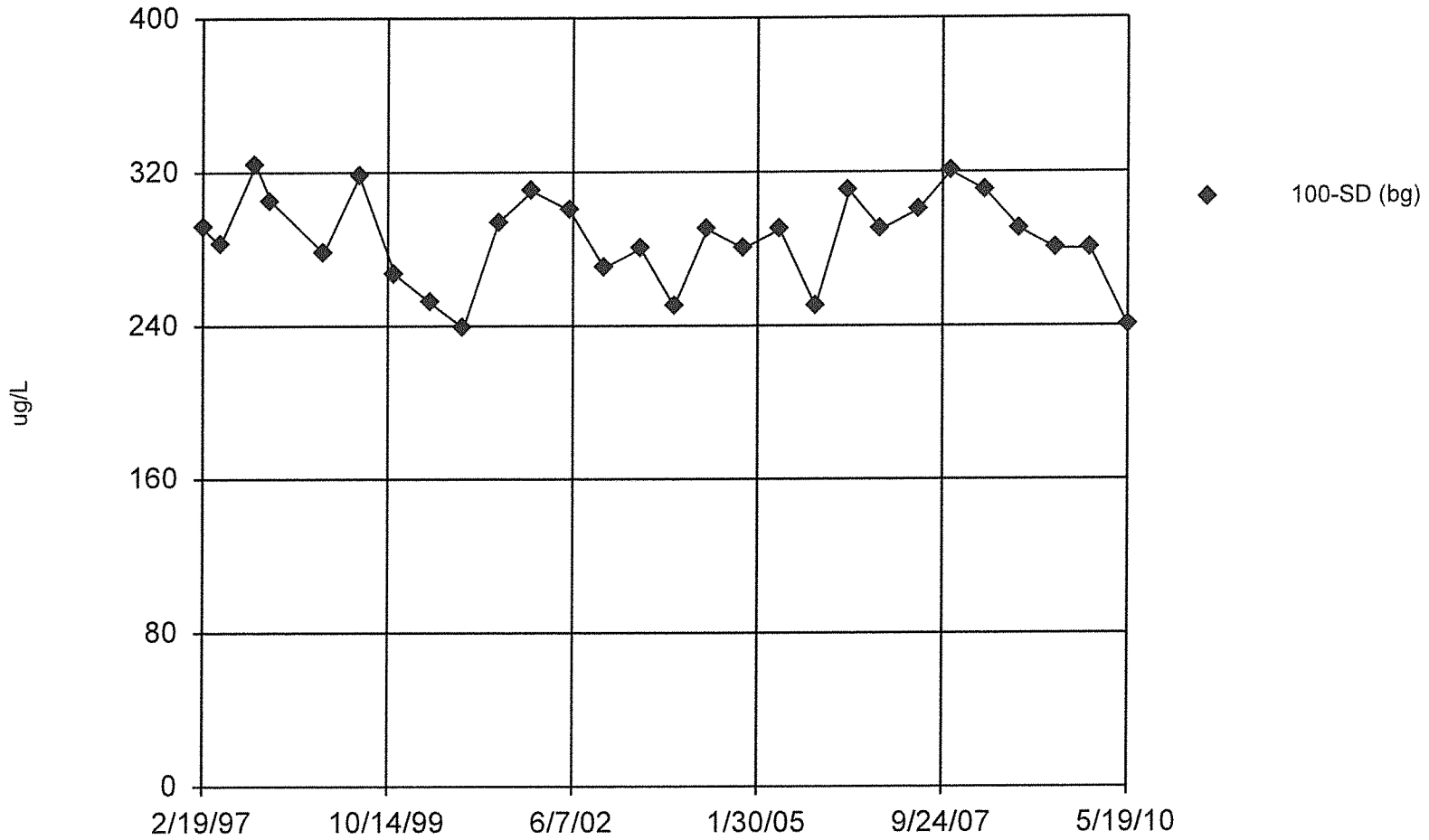


Constituent: Arsenic Total Analysis Run 9/3/2010 12:00 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Time Series

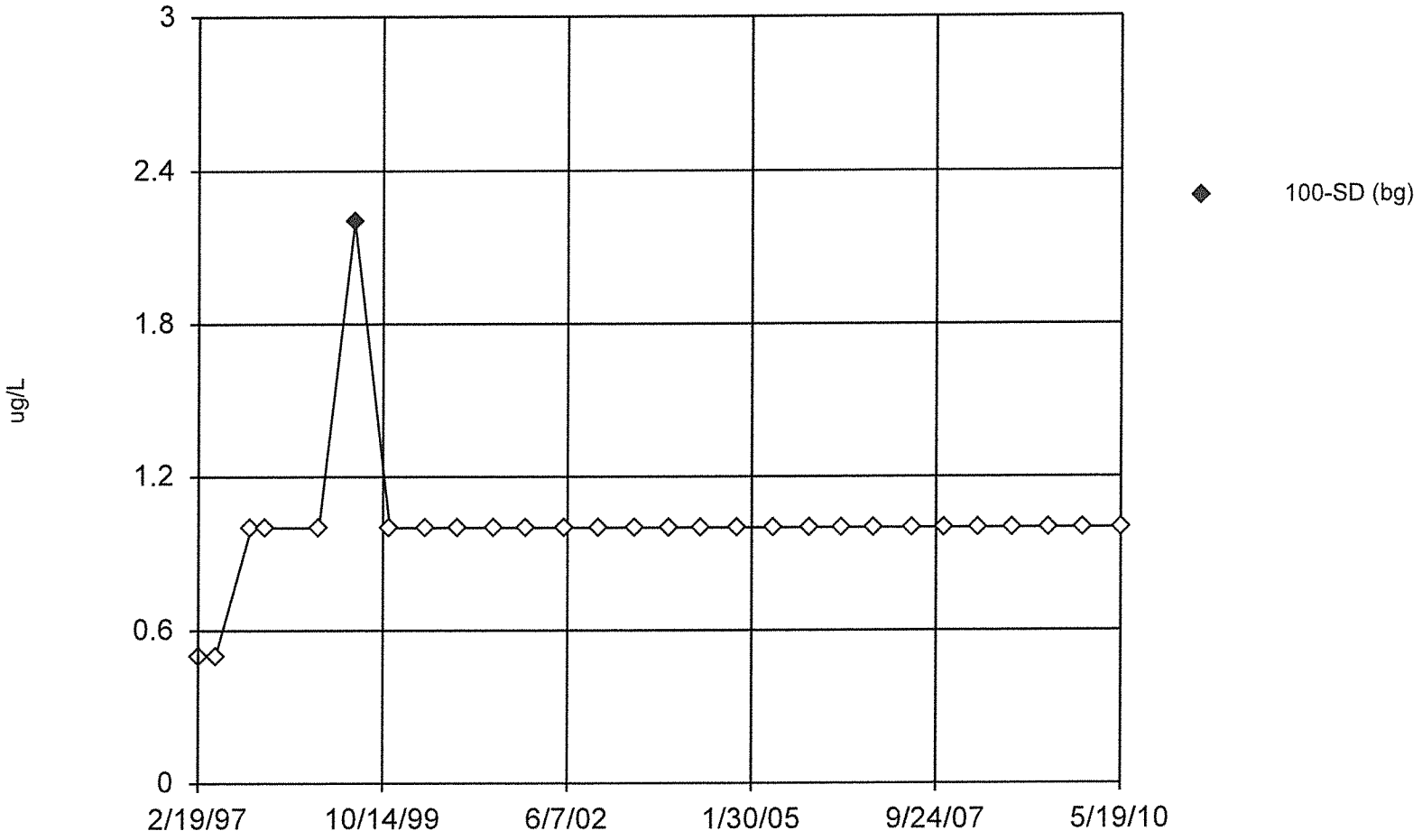


Constituent: Barium Total Analysis Run 9/3/2010 12:00 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

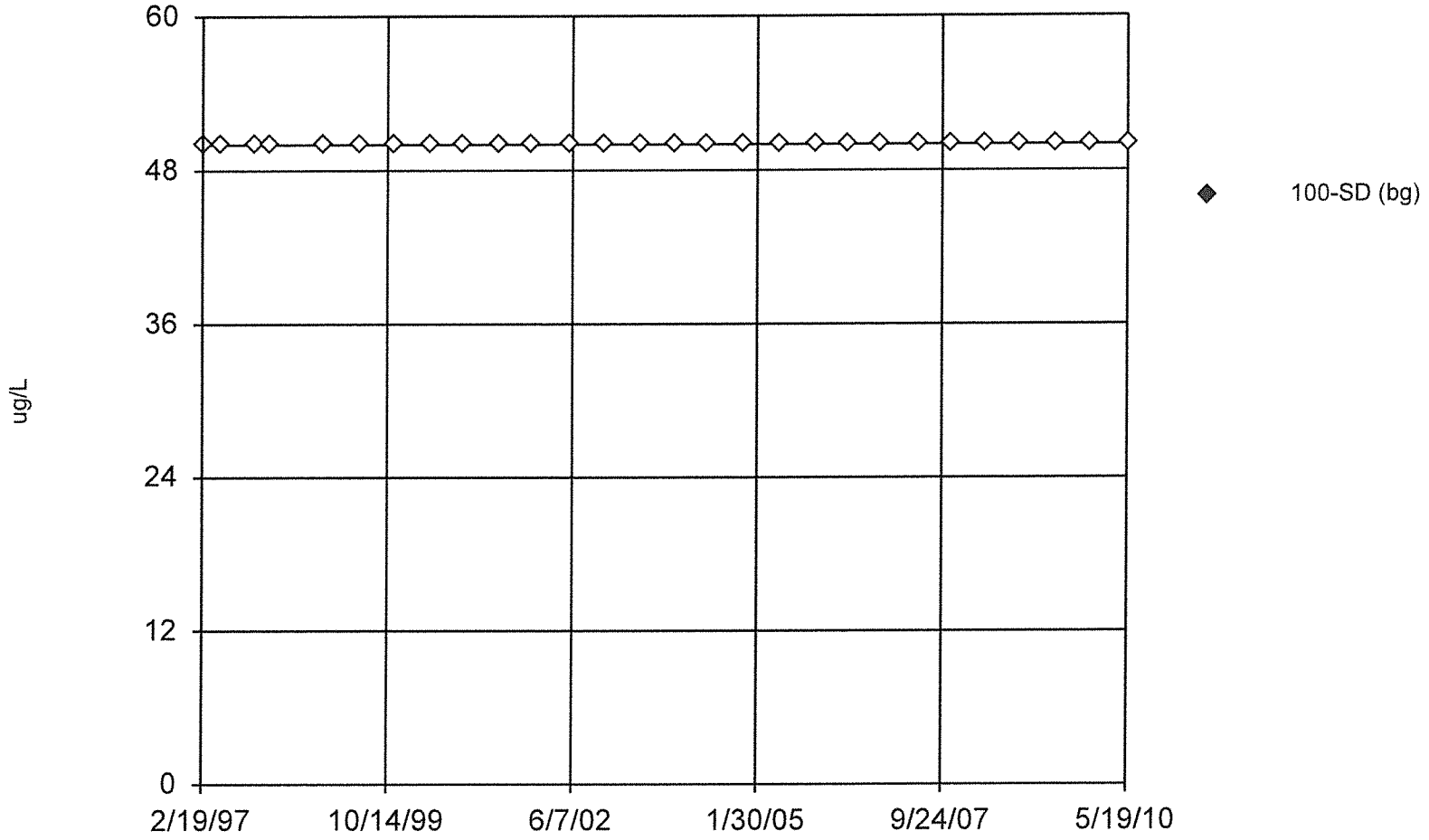


Constituent: Beryllium Total Analysis Run 9/3/2010 12:00 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

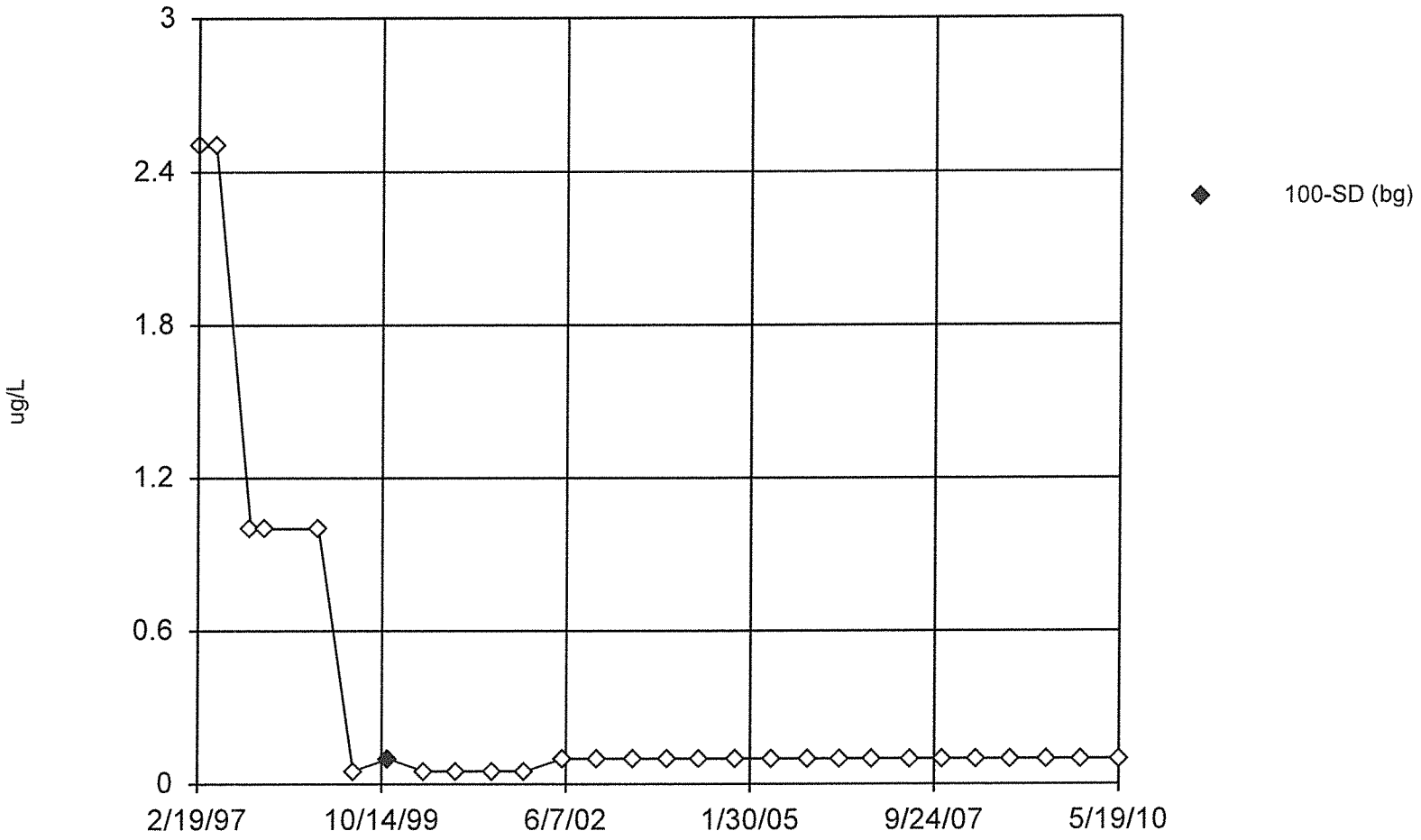


Constituent: Boron Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

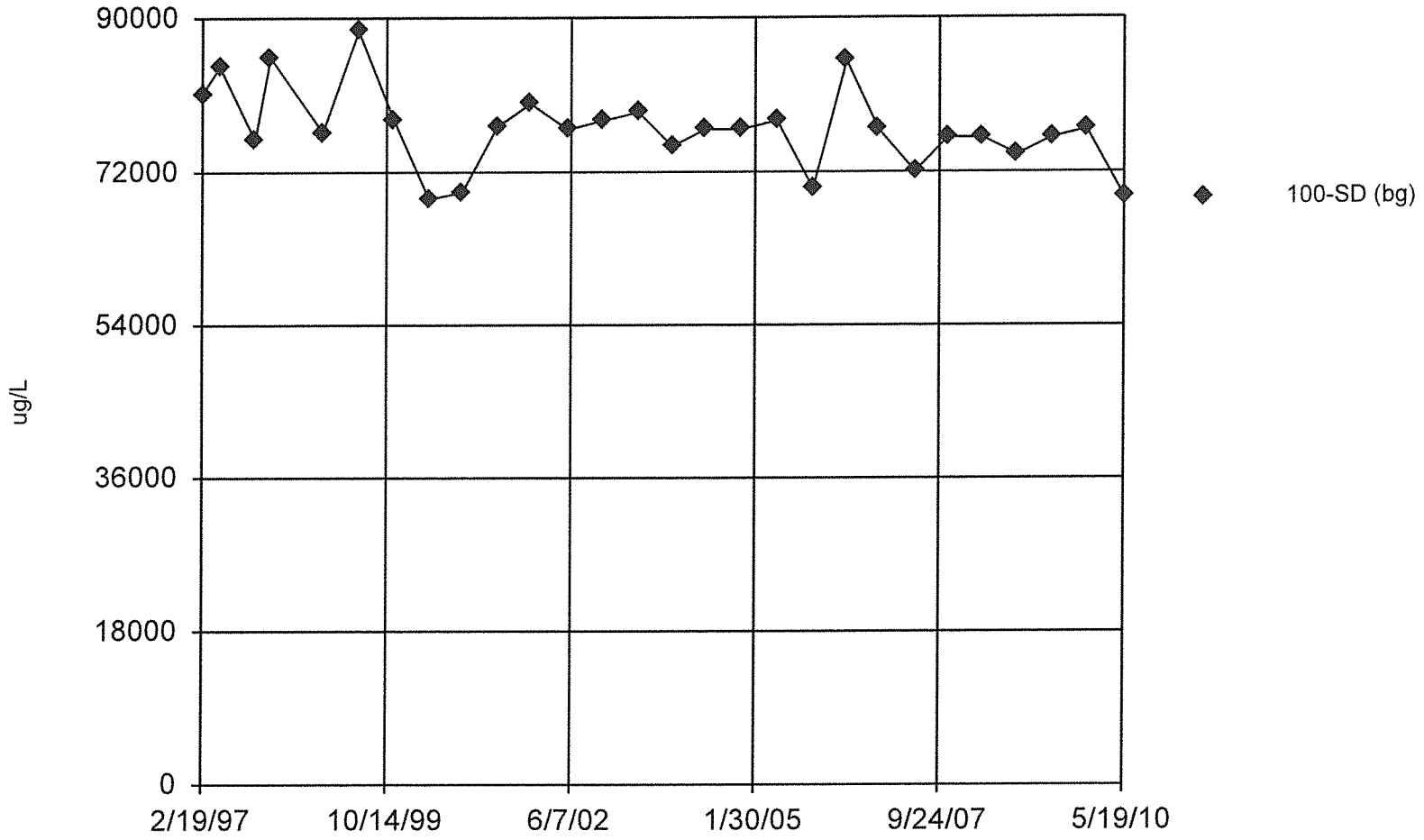


Constituent: Cadmium Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Time Series

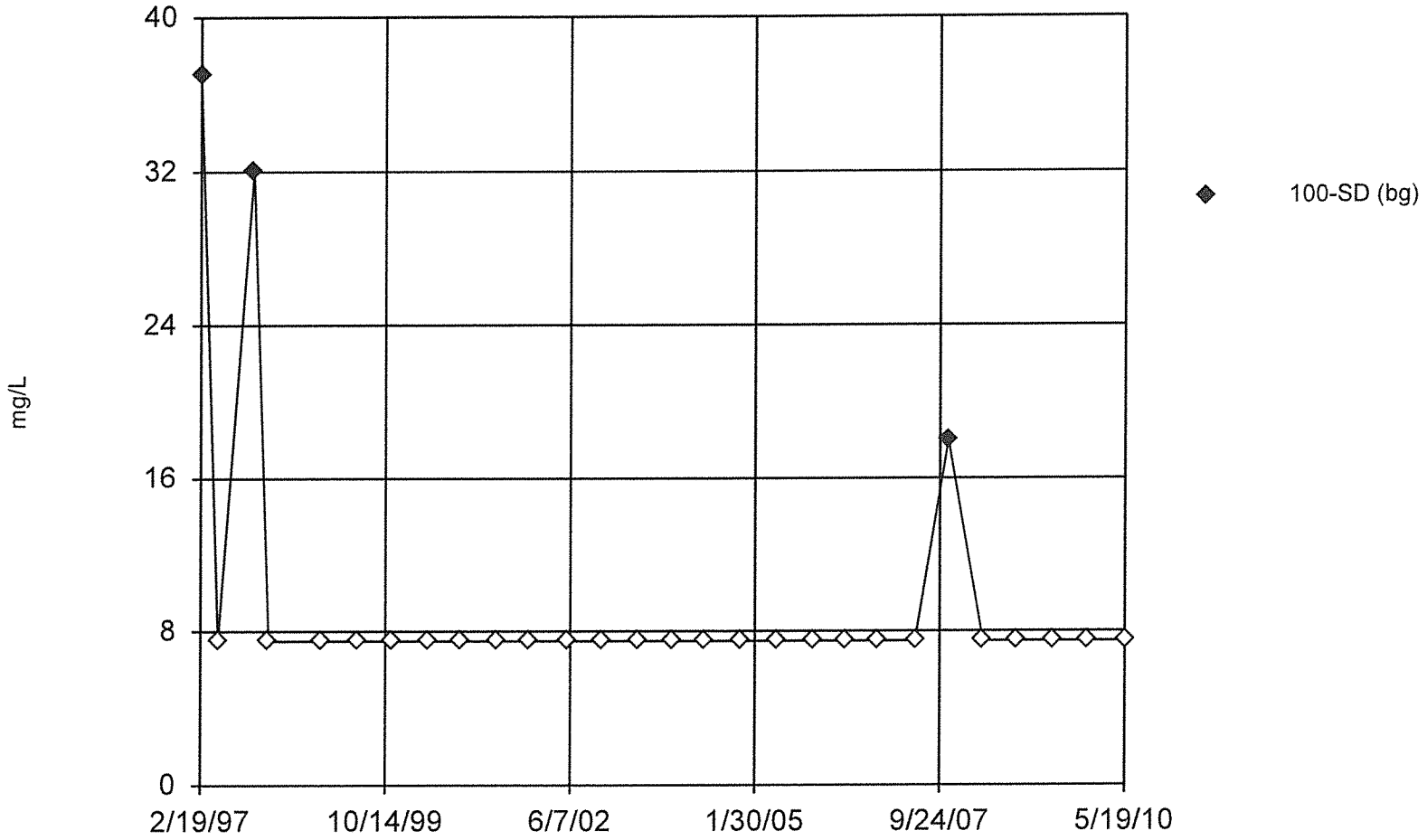


Constituent: Calcium Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

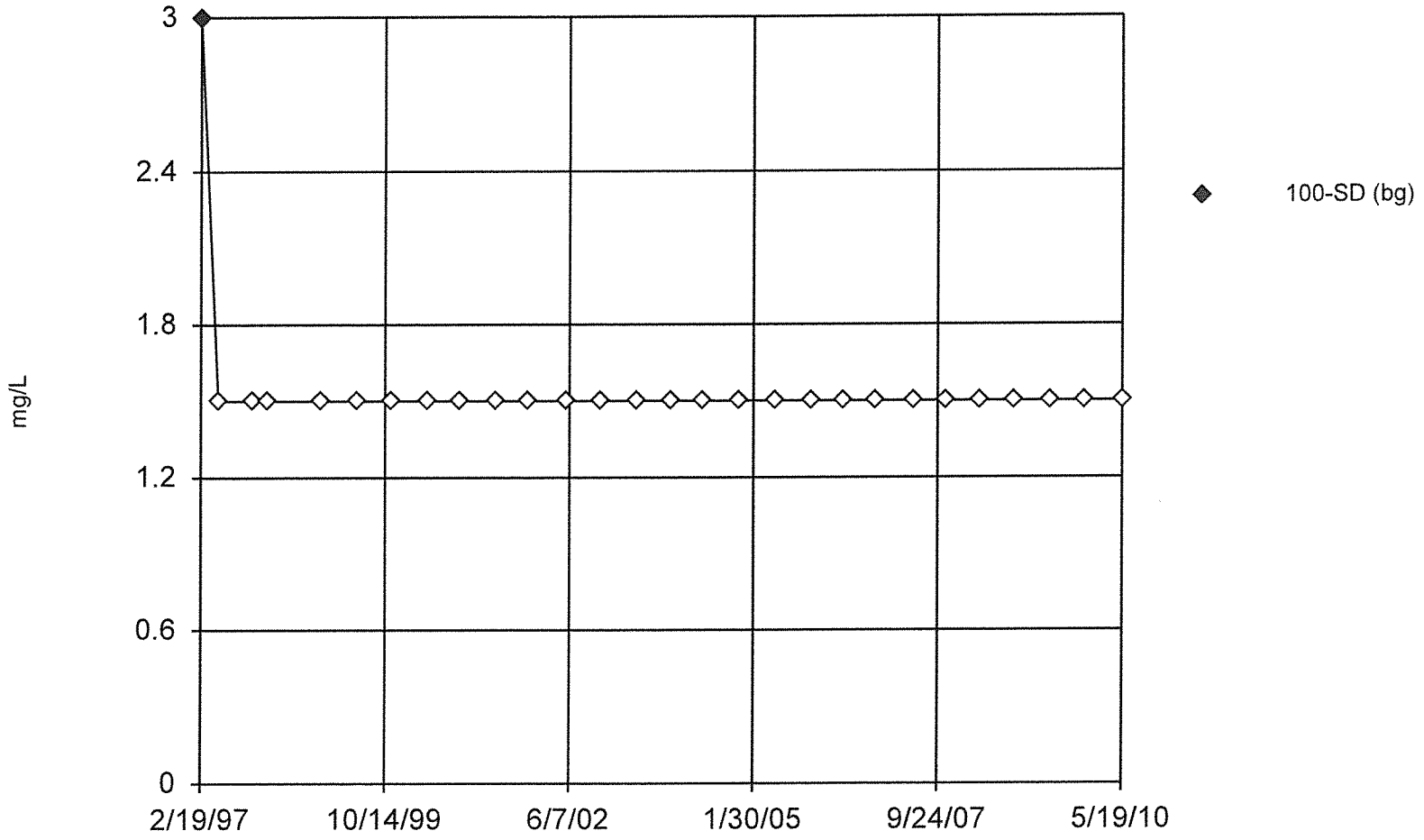


Constituent: Chemical Oxygen Demand [COD] Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

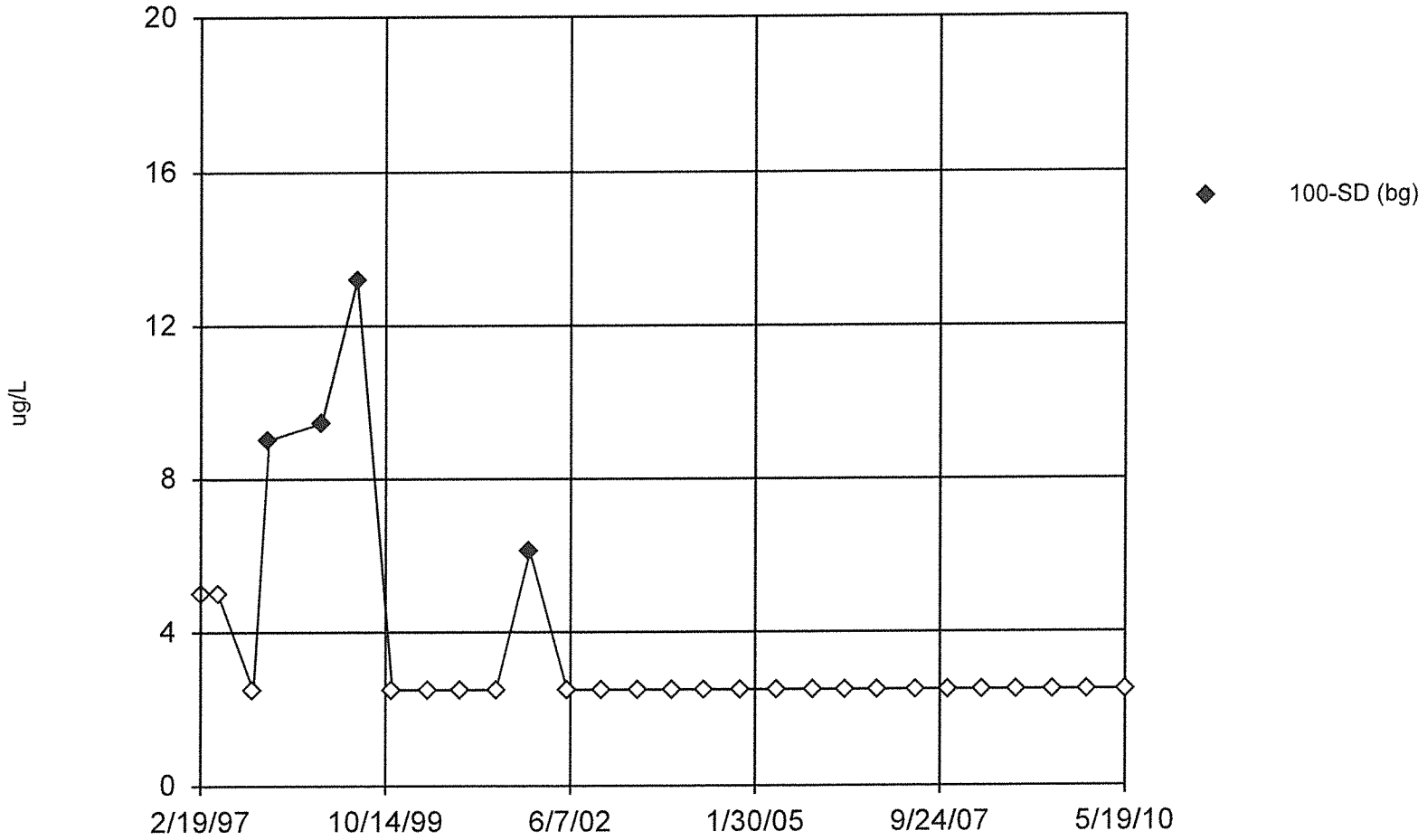


Constituent: Chloride Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

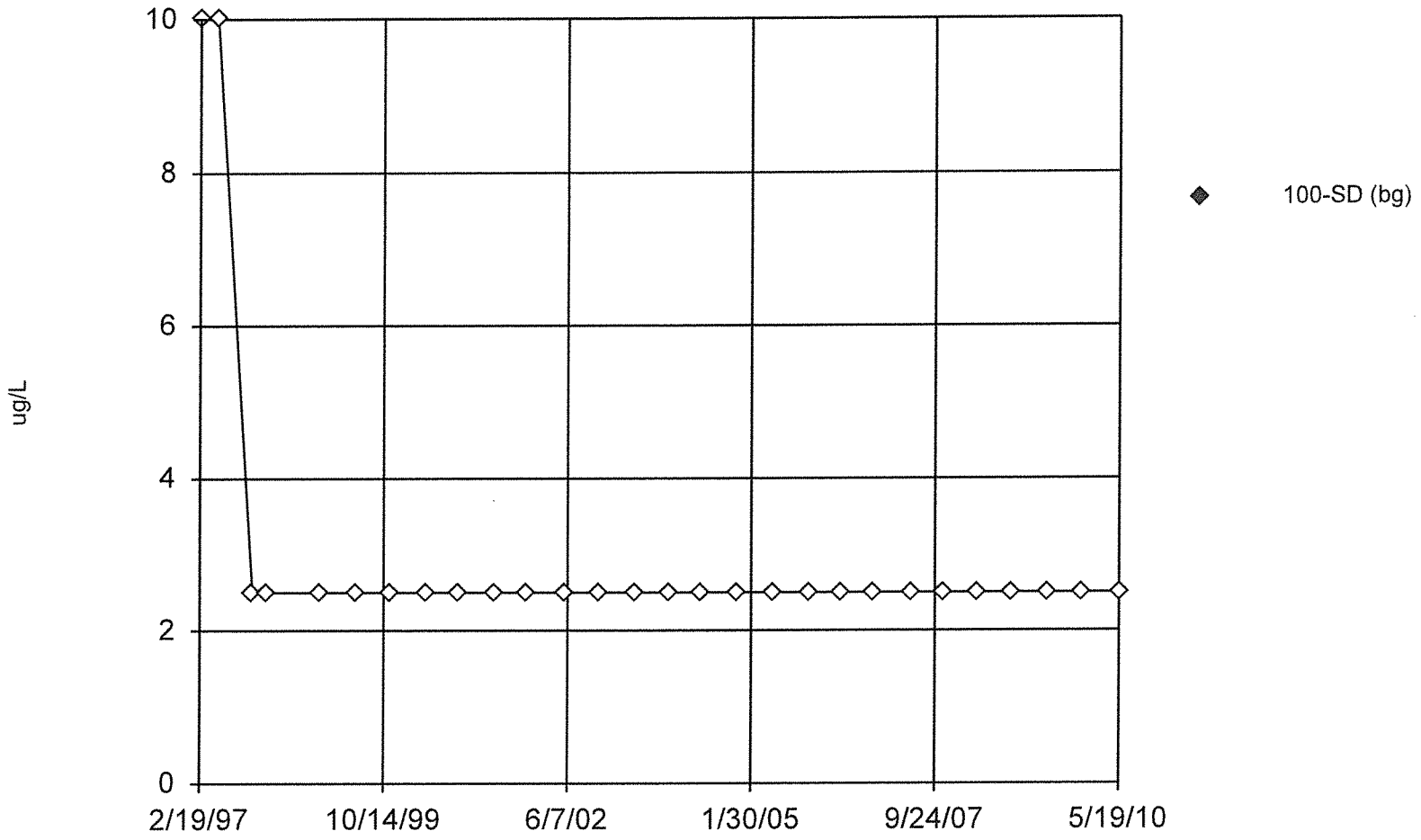


Constituent: Chromium Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

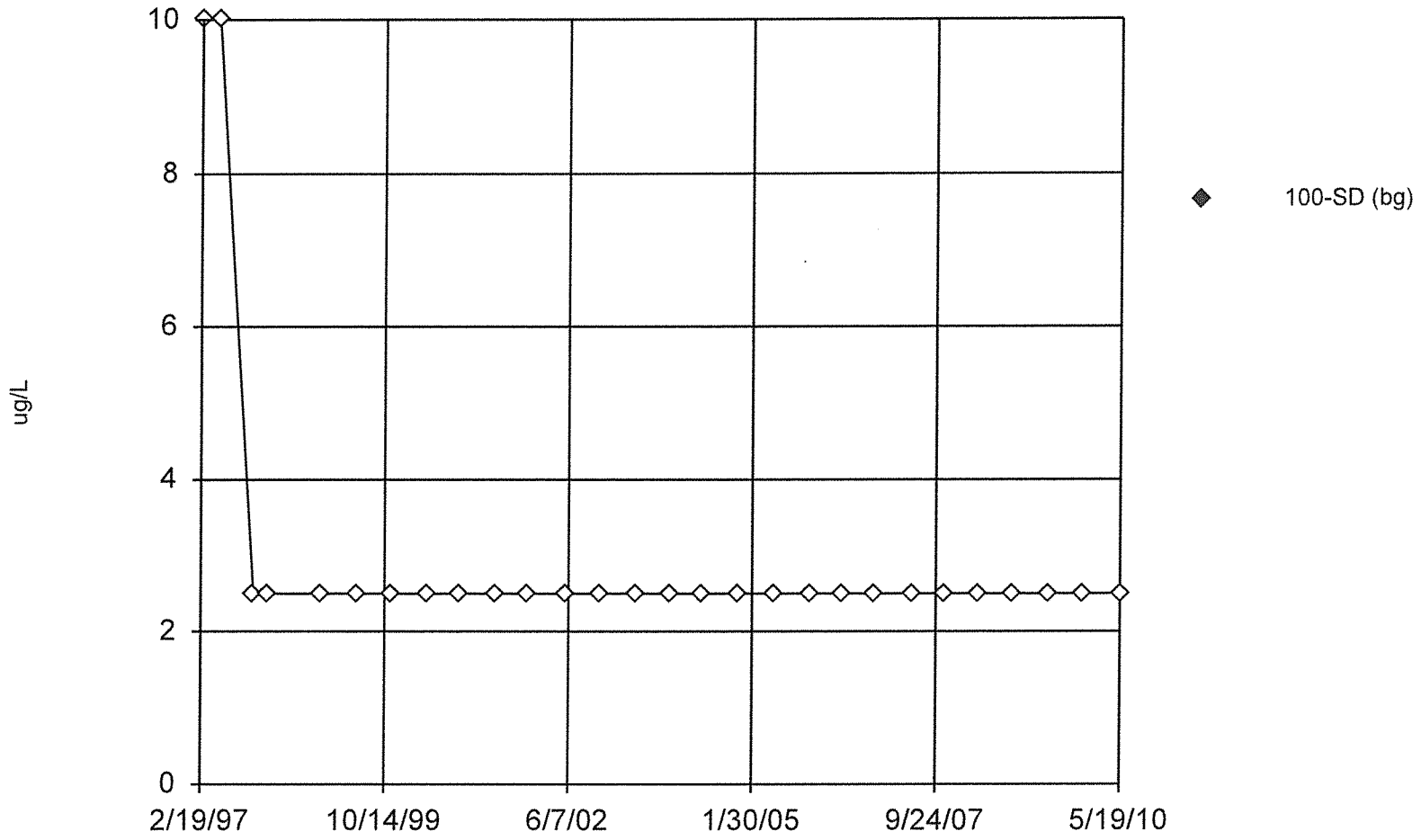


Constituent: Cobalt Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

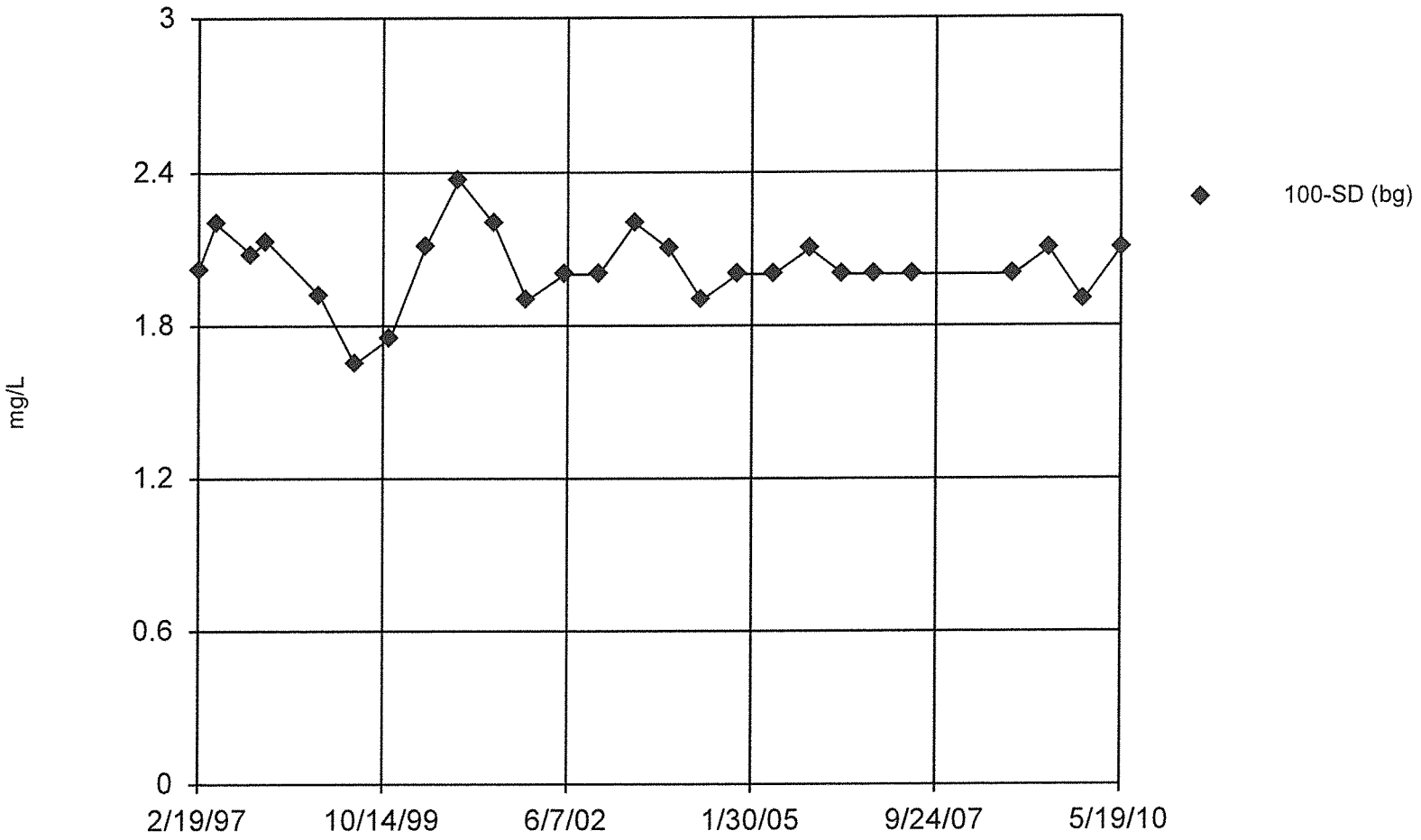


Constituent: Copper Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Time Series

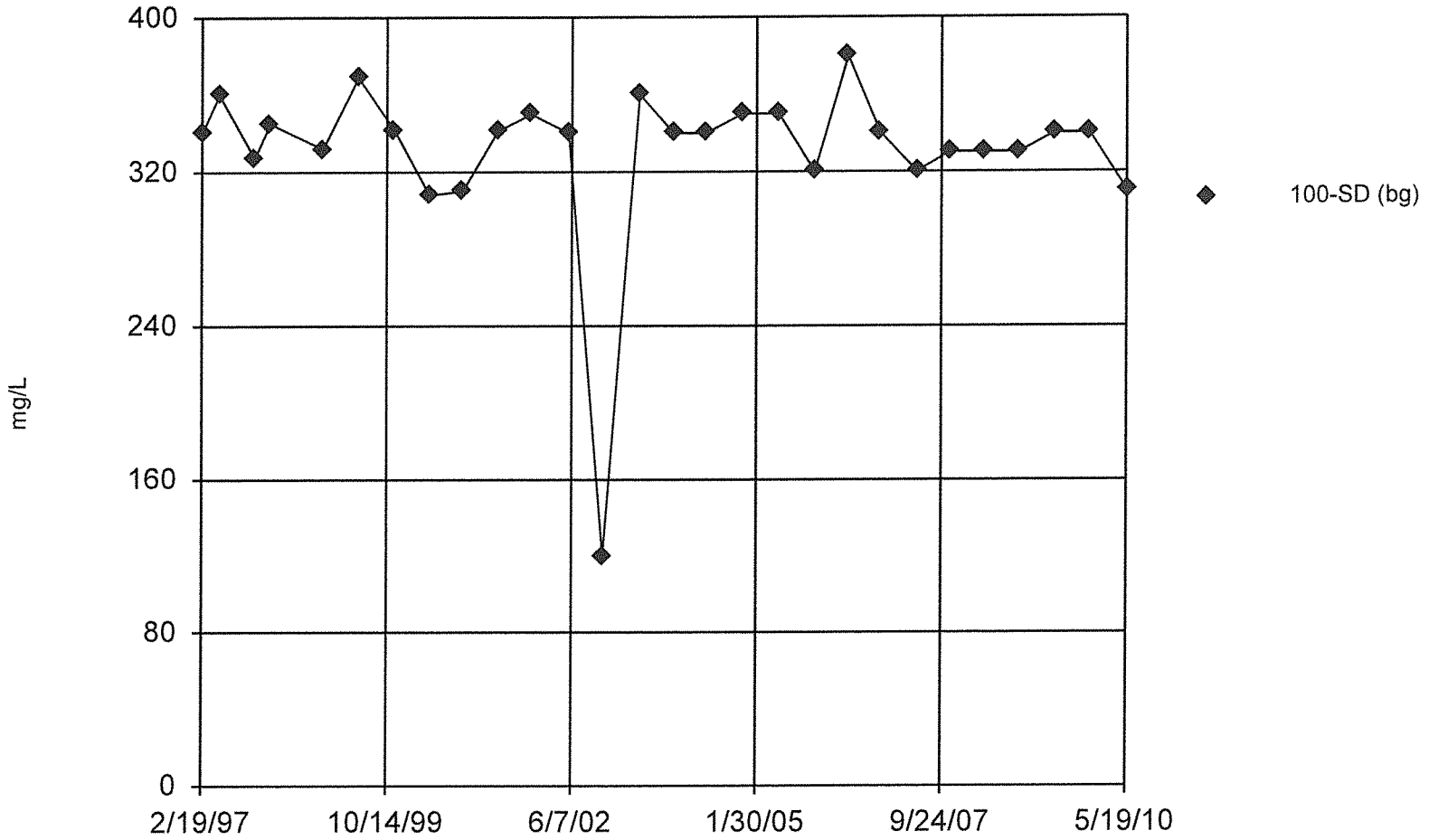


Constituent: Fluoride Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Time Series

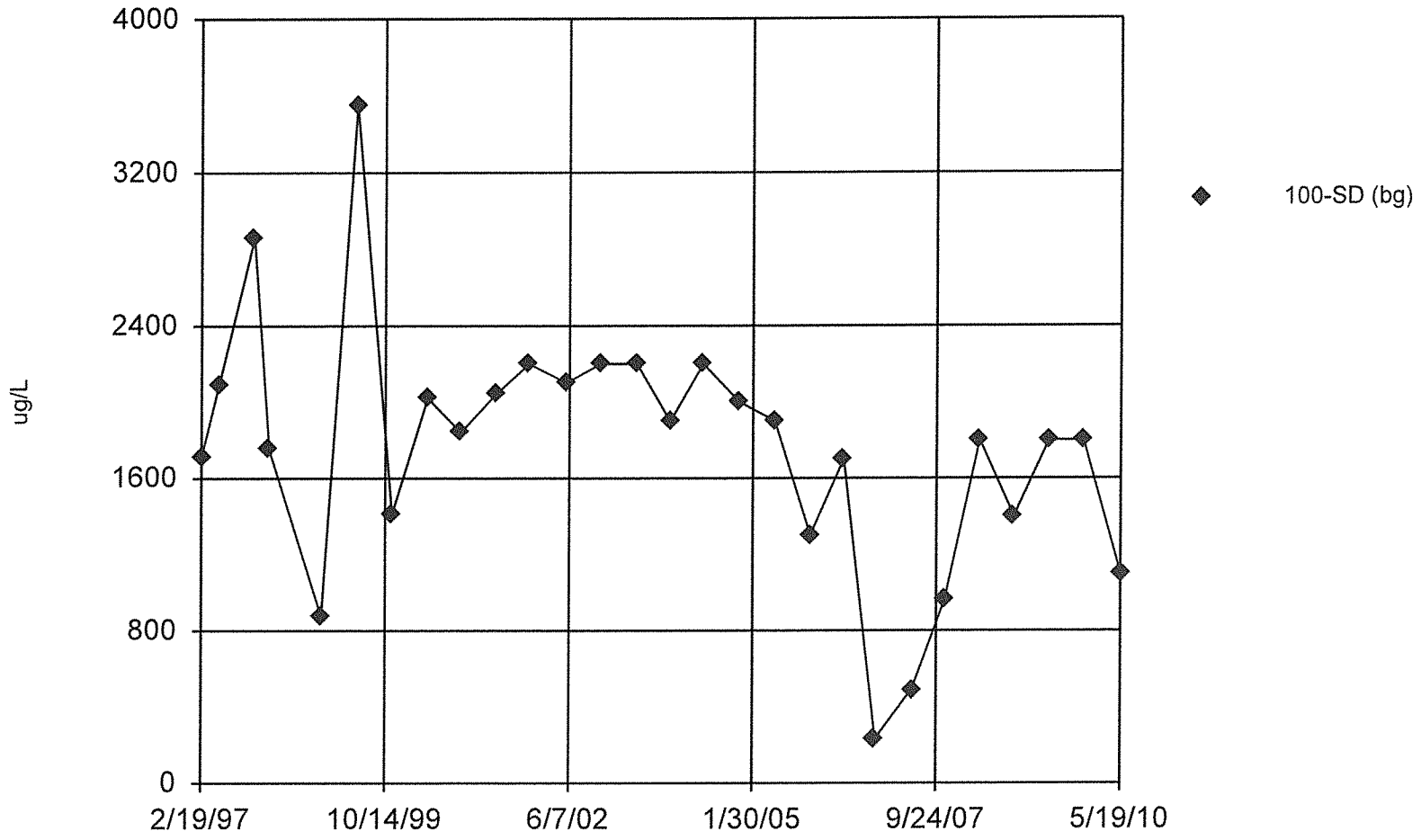


Constituent: Hardness Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Time Series

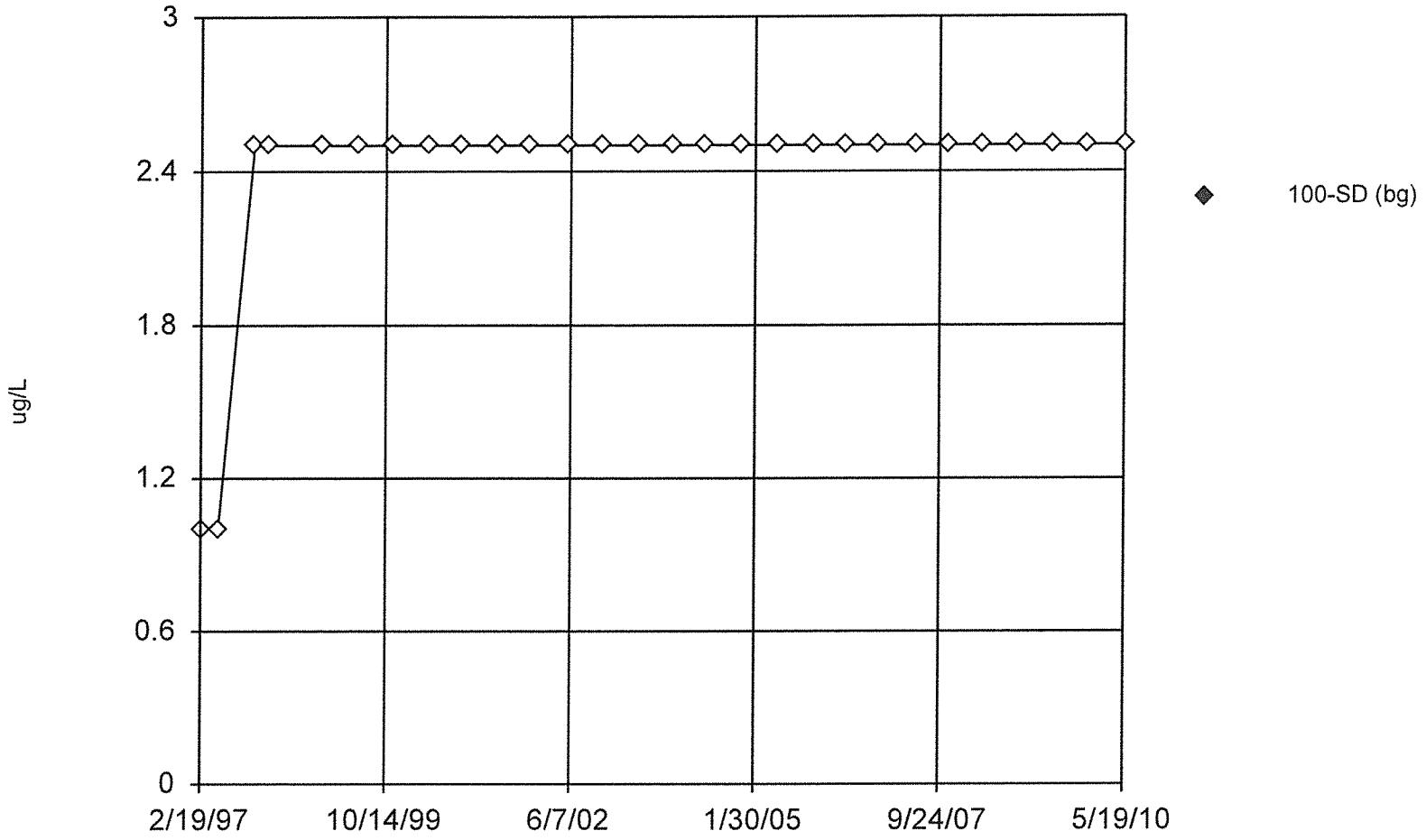


Constituent: Iron Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

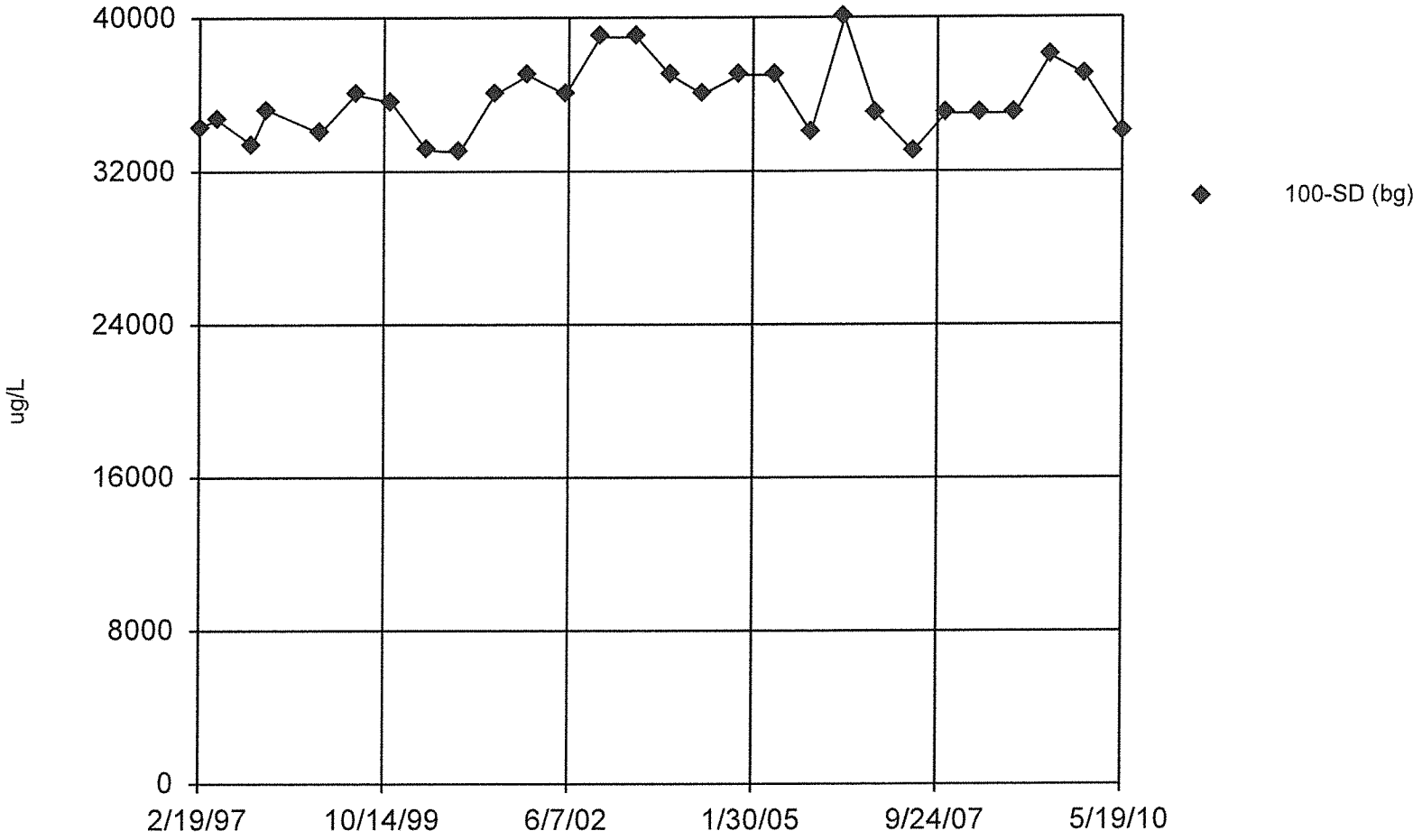


Constituent: Lead Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Time Series

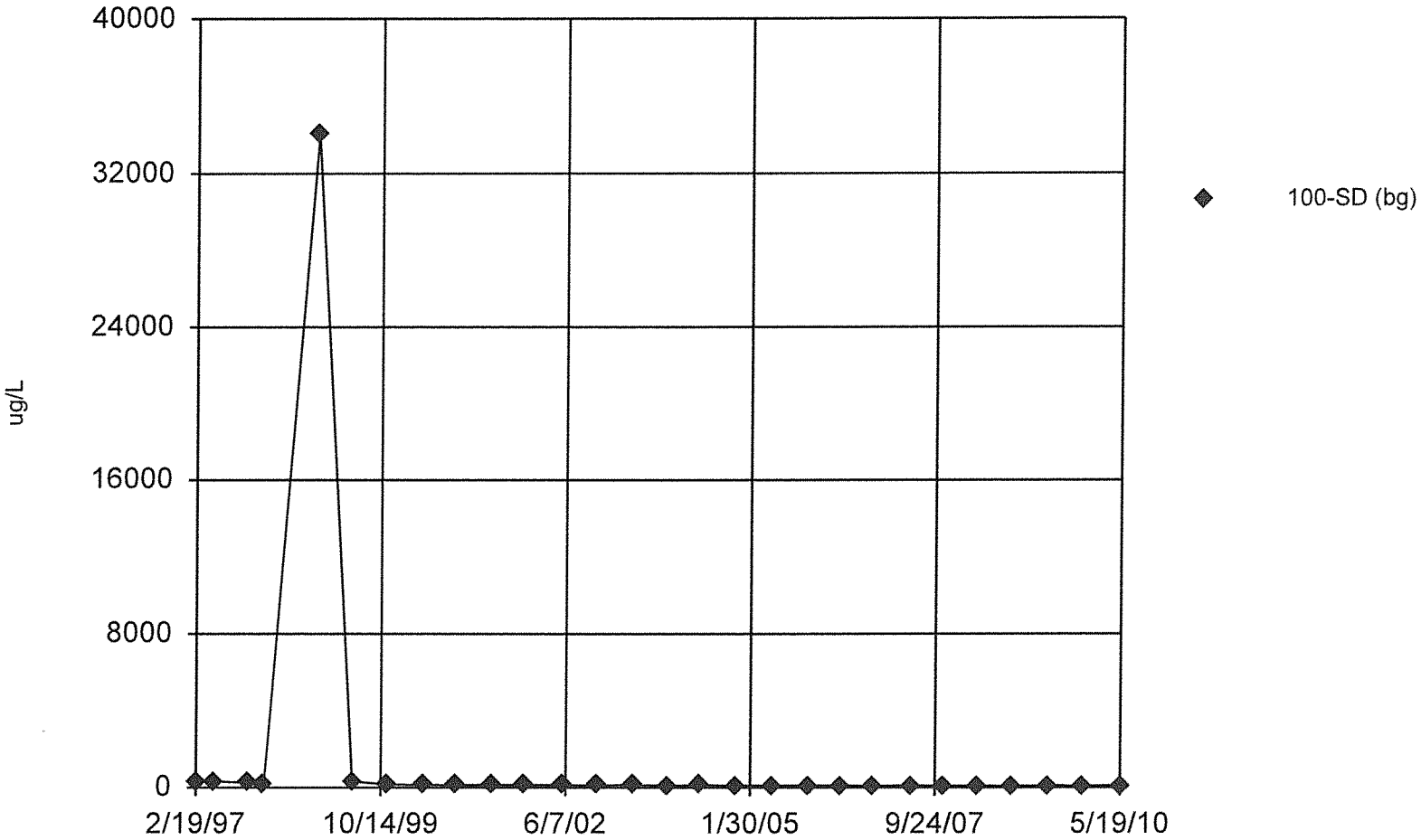


Constituent: Magnesium Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a, UG

Time Series

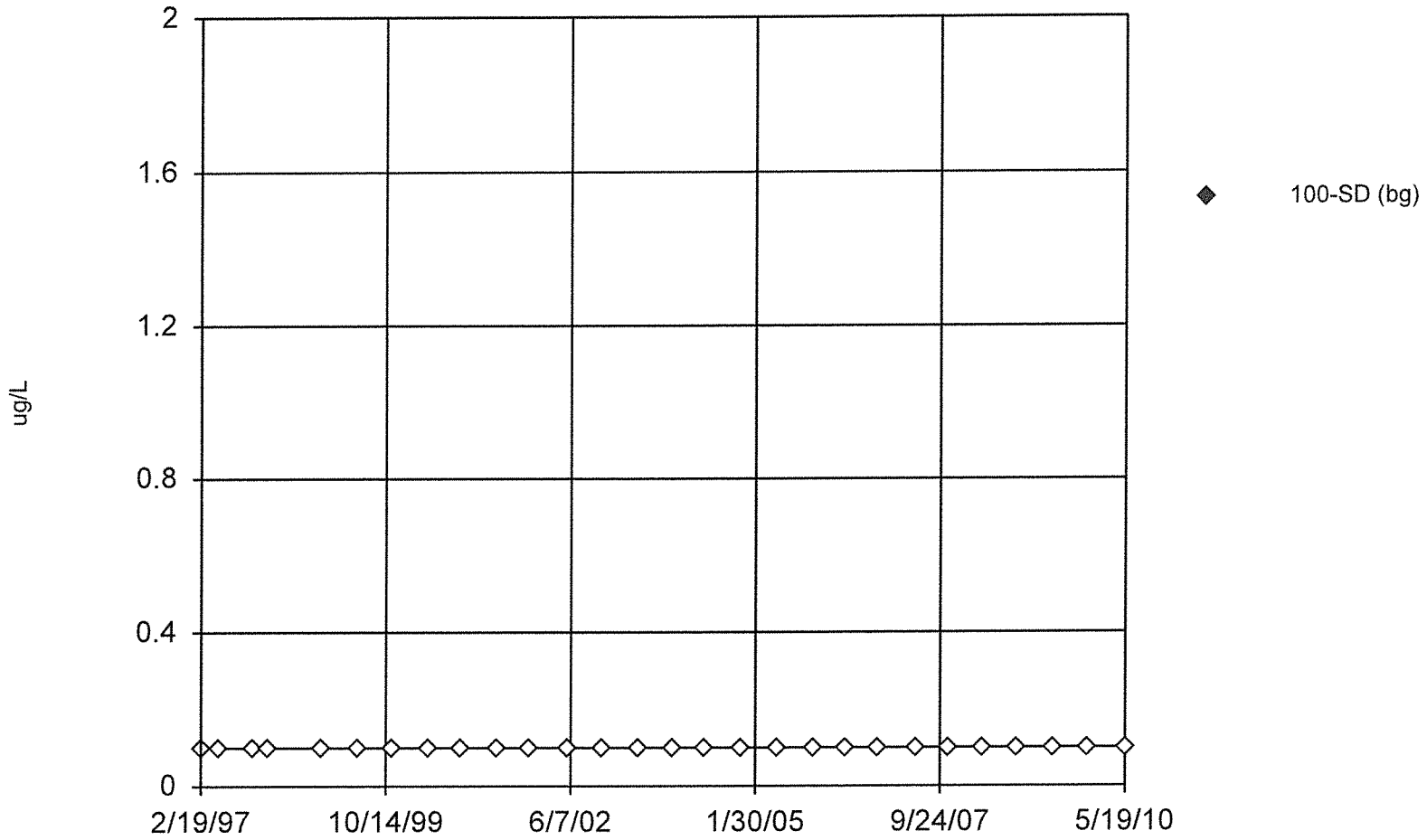


Constituent: Manganese Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

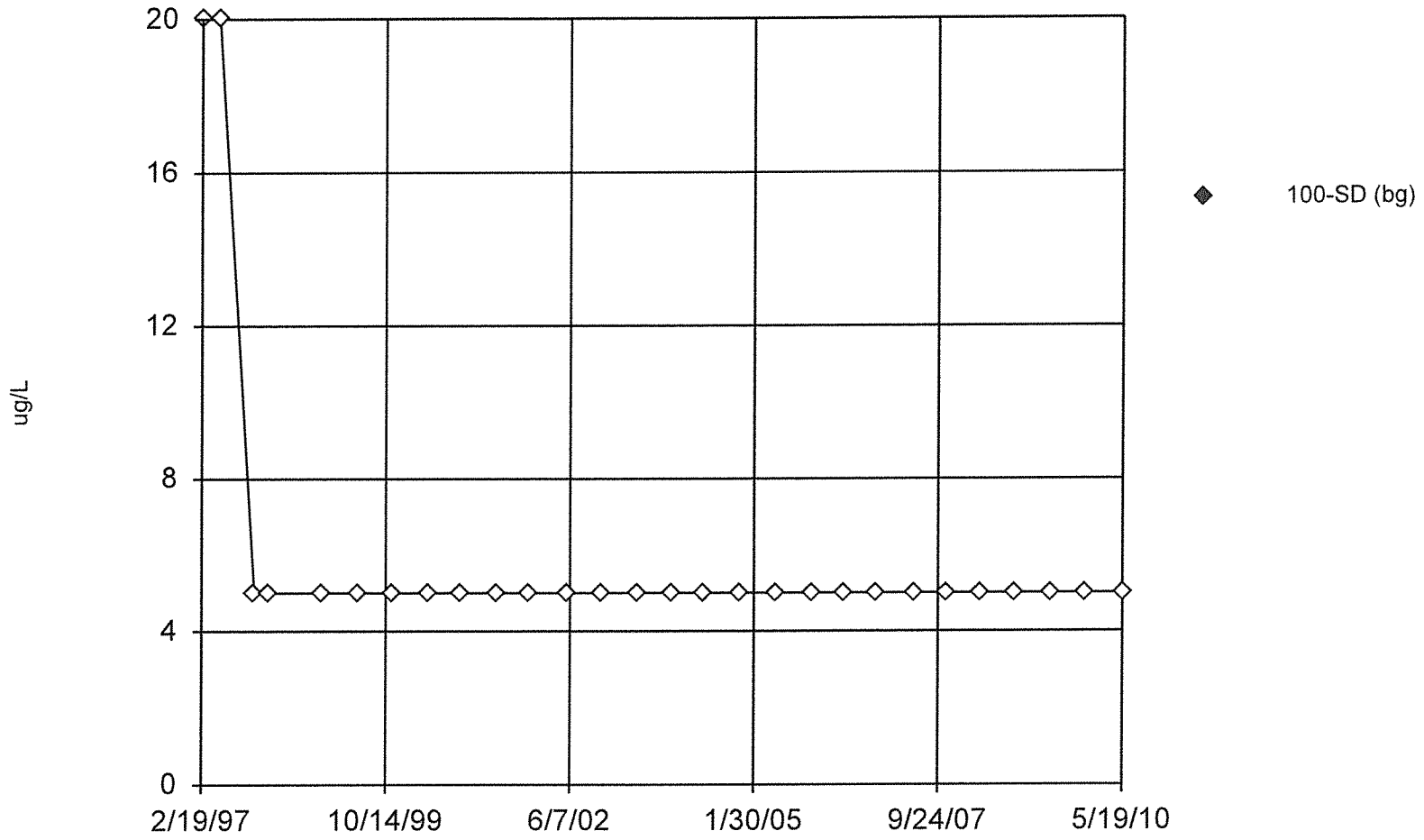


Constituent: Mercury Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

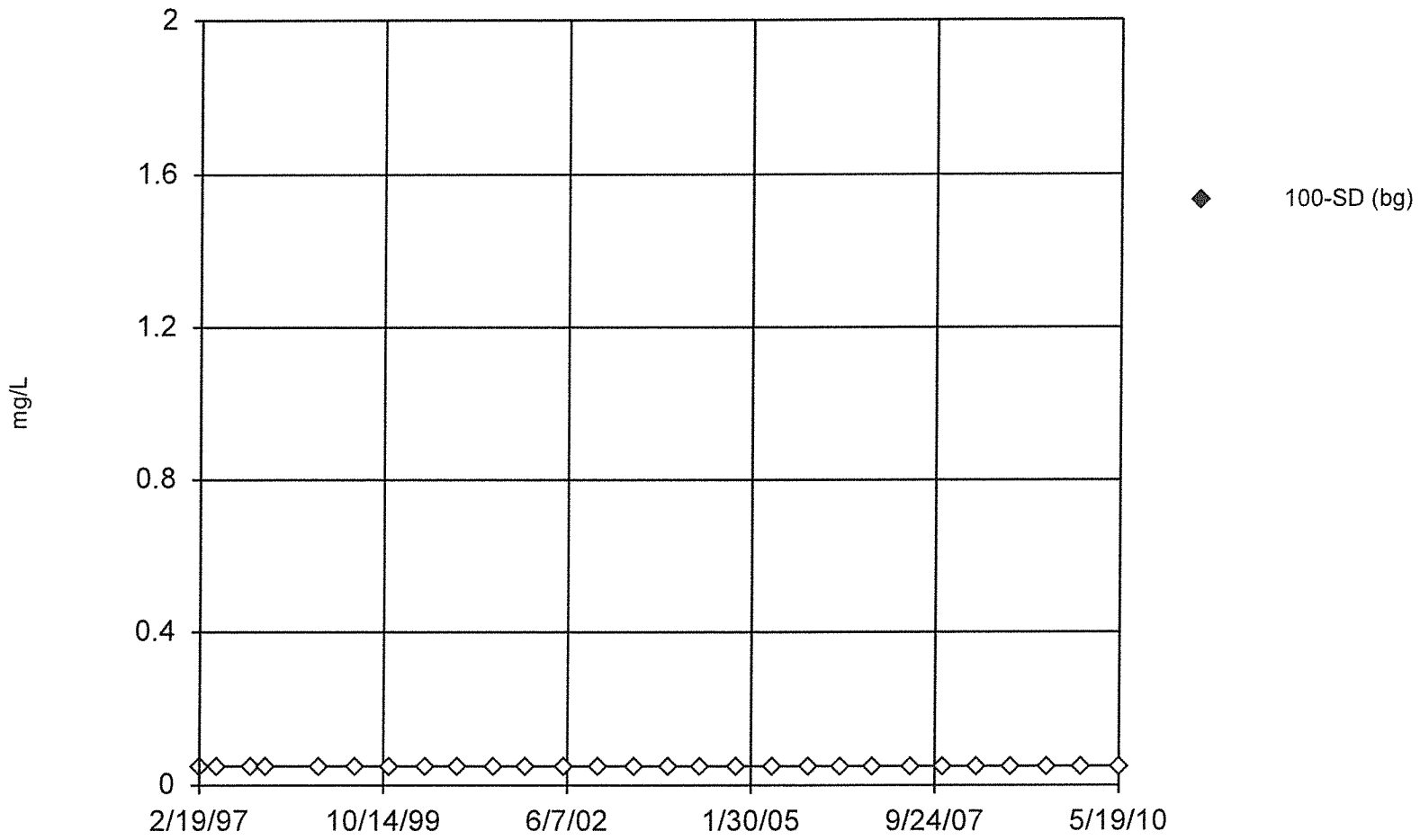


Constituent: Nickel Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

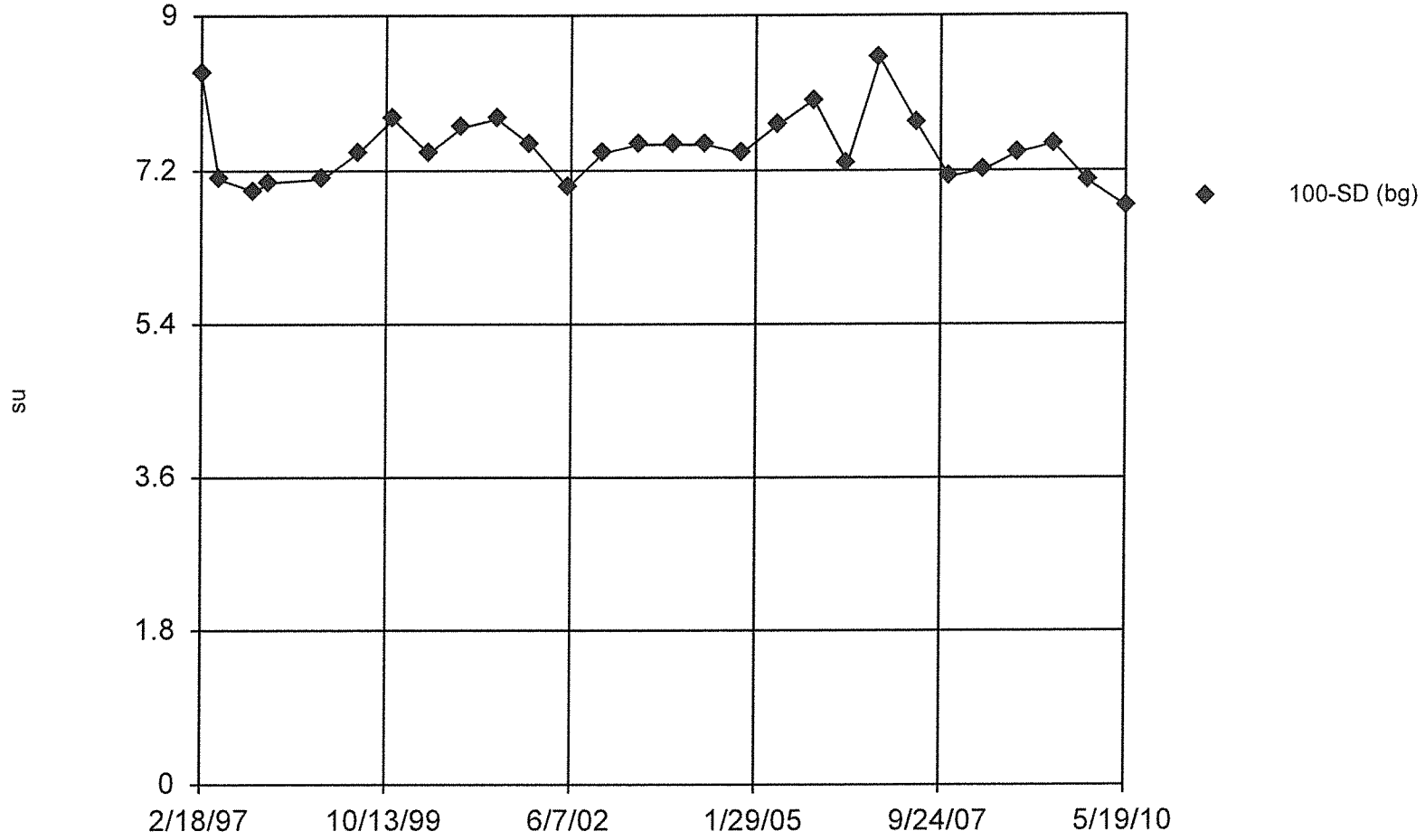


Constituent: Nitrate/Nitrite Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Time Series

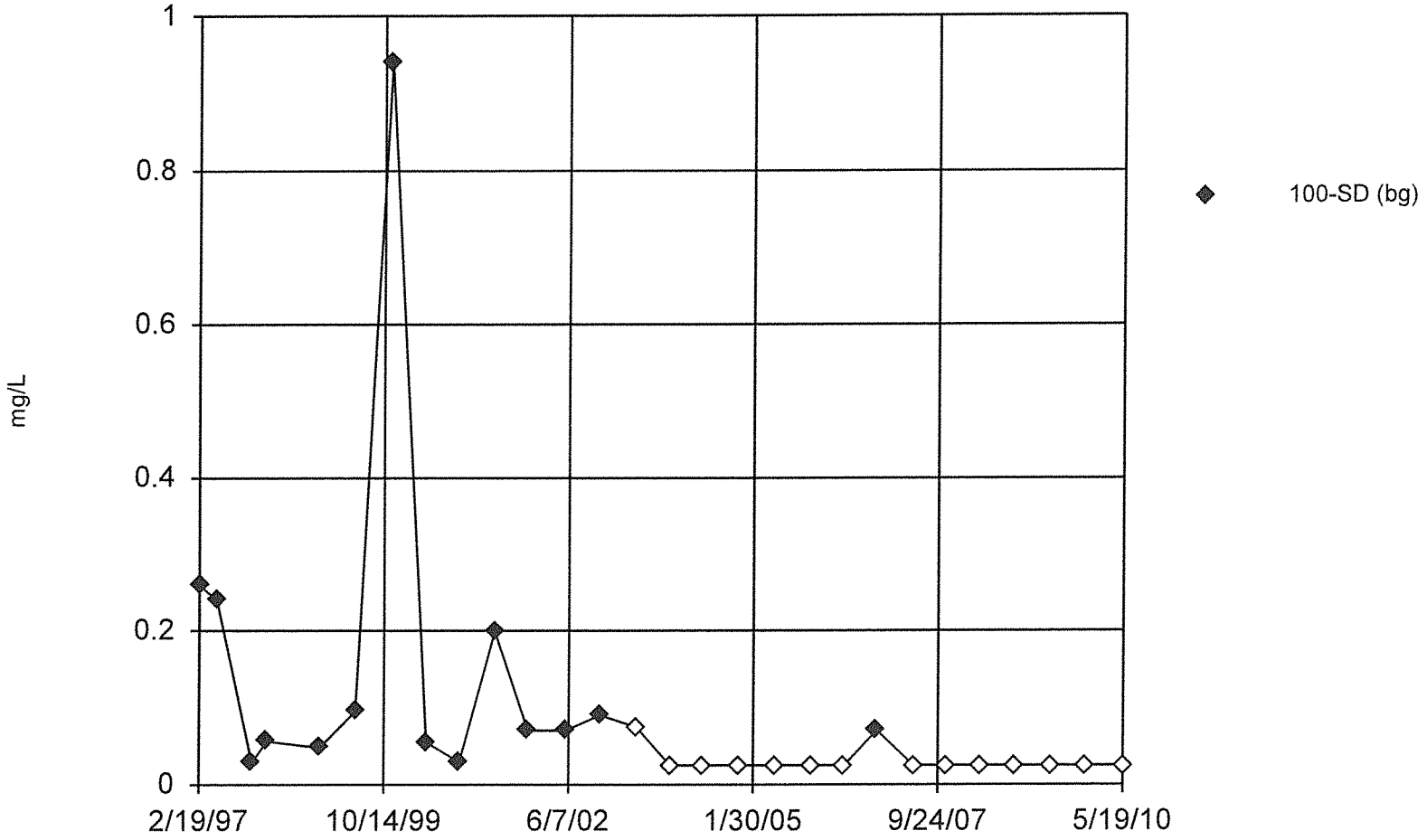


Constituent: pH [Field] Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

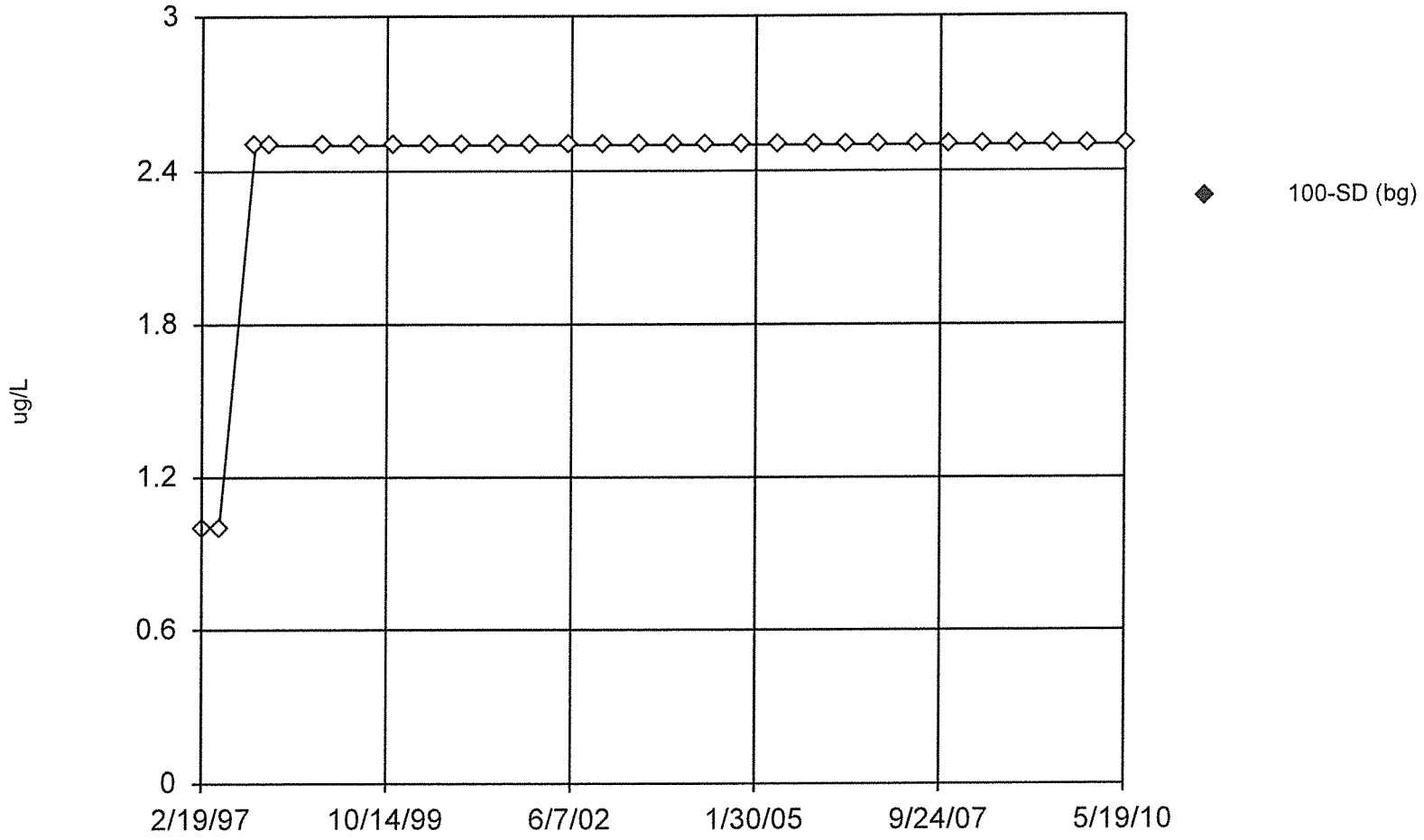


Constituent: Phosphorus Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

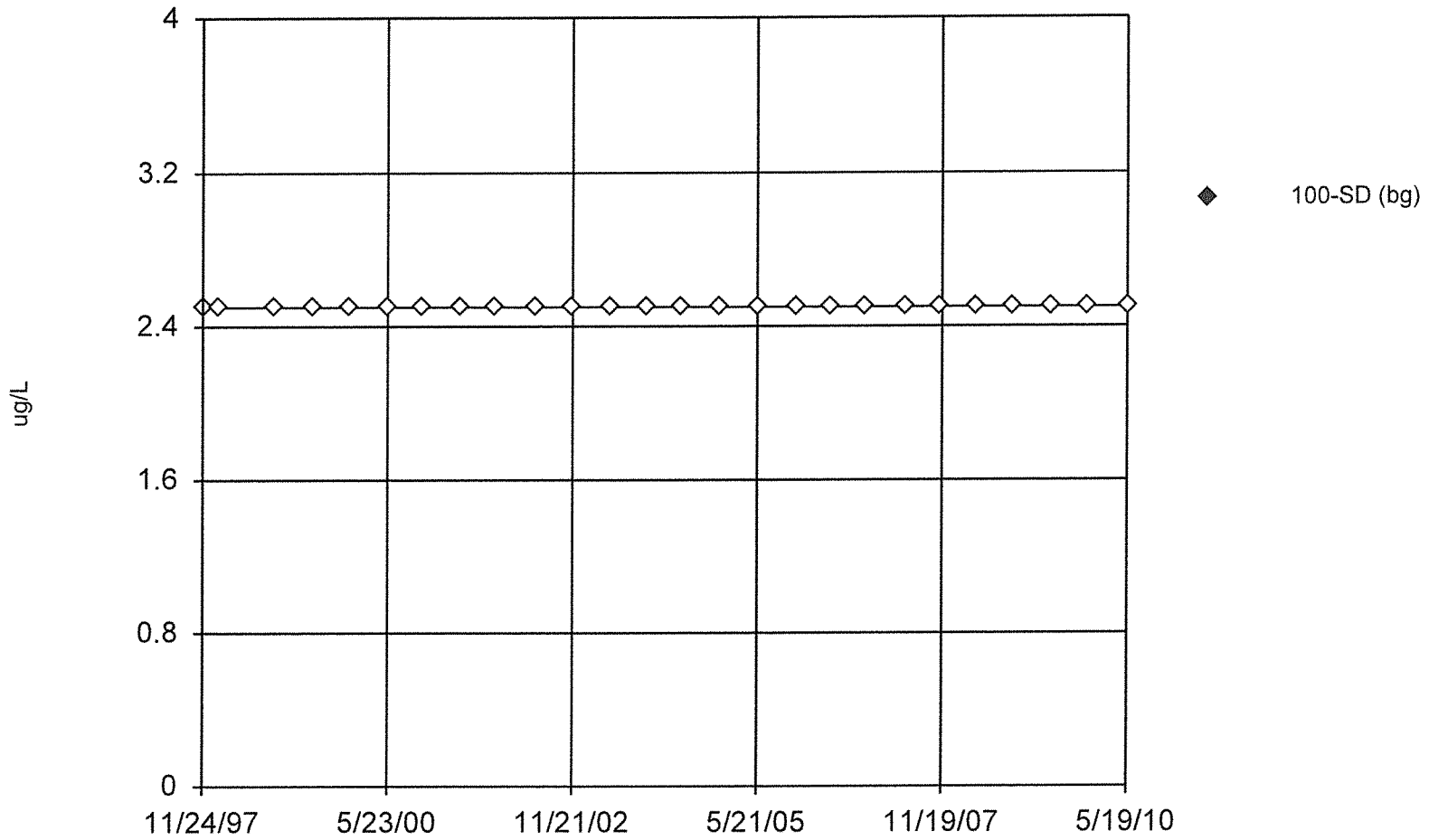


Constituent: Selenium Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

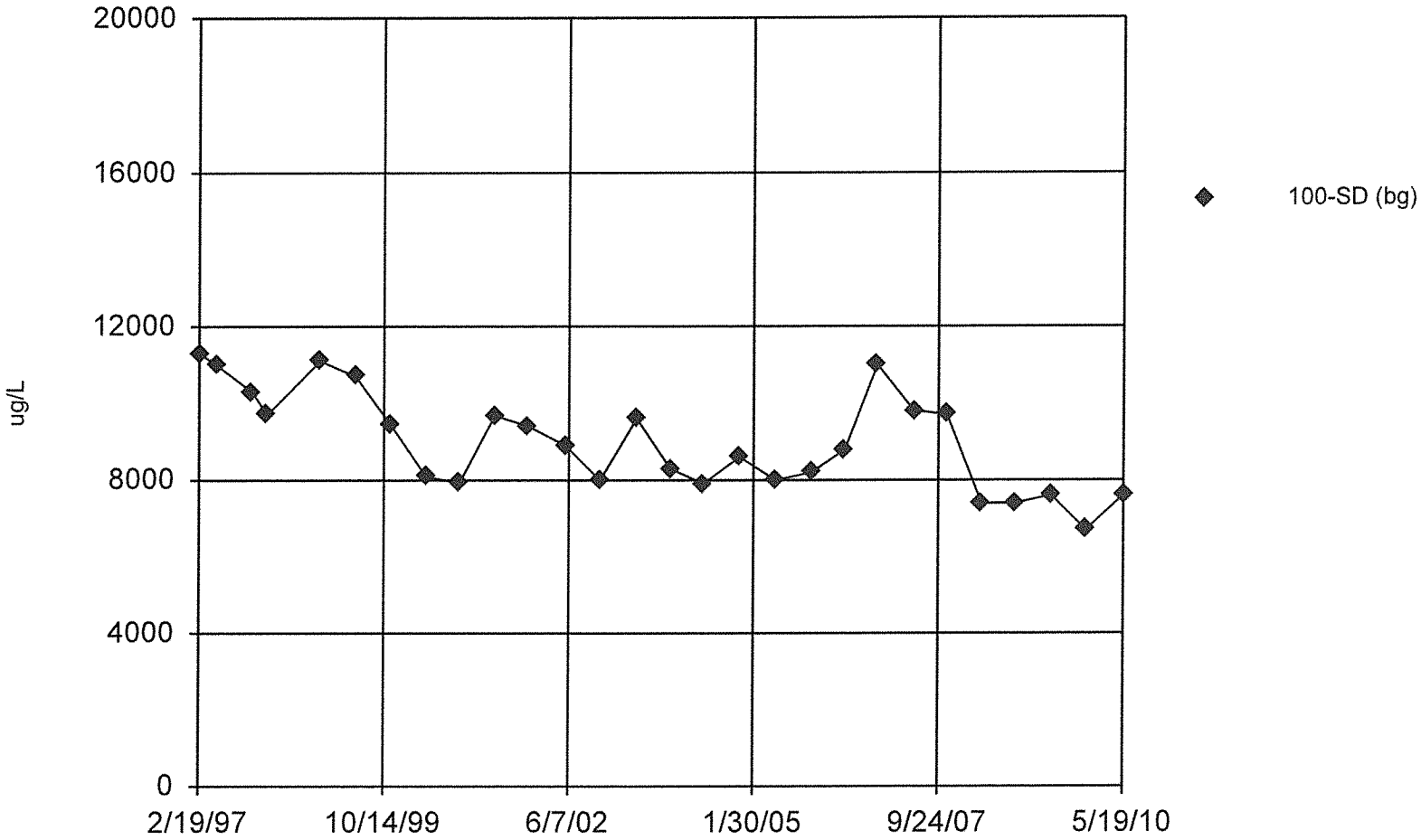


Constituent: Silver Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a, UG

Time Series

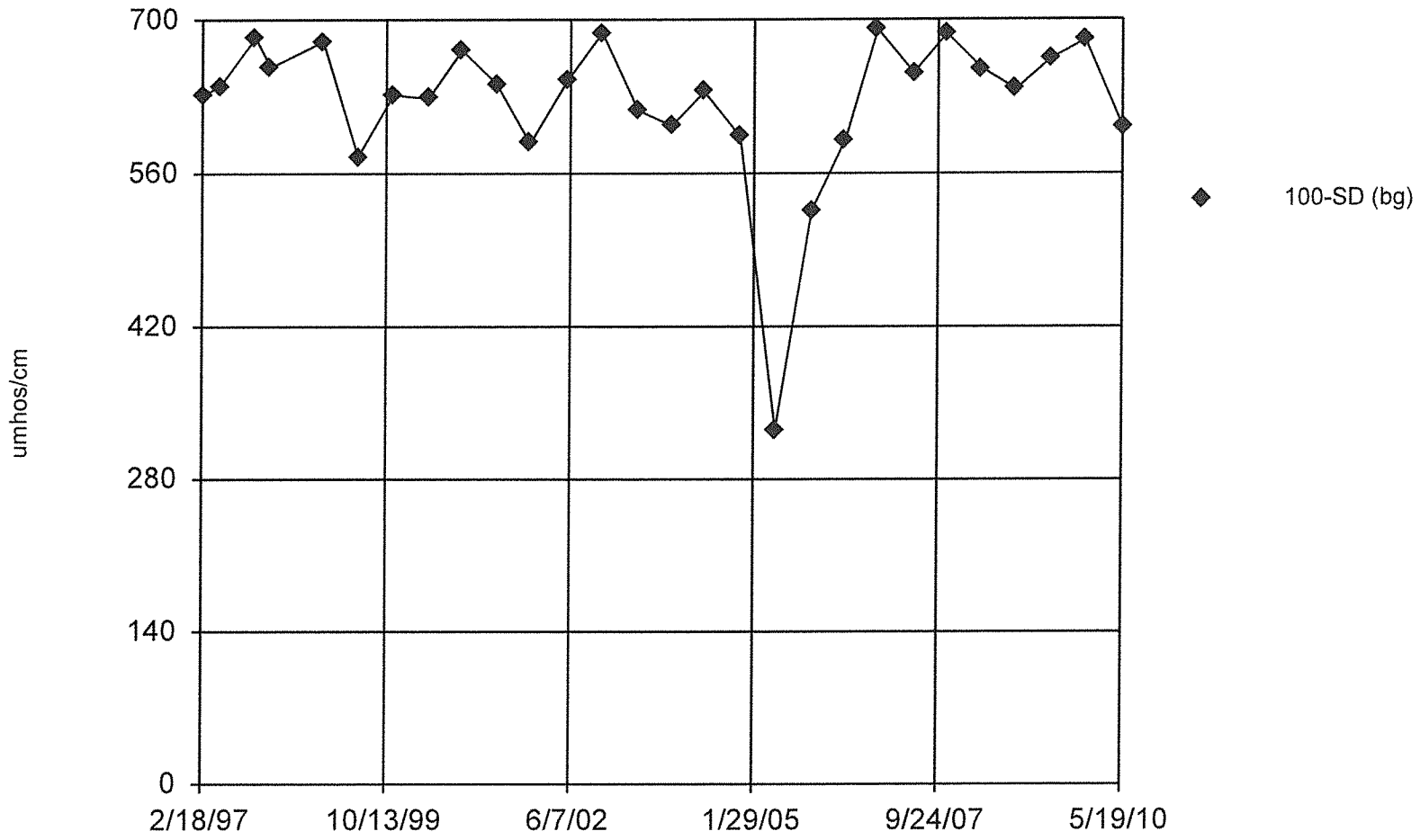


Constituent: Sodium Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Time Series

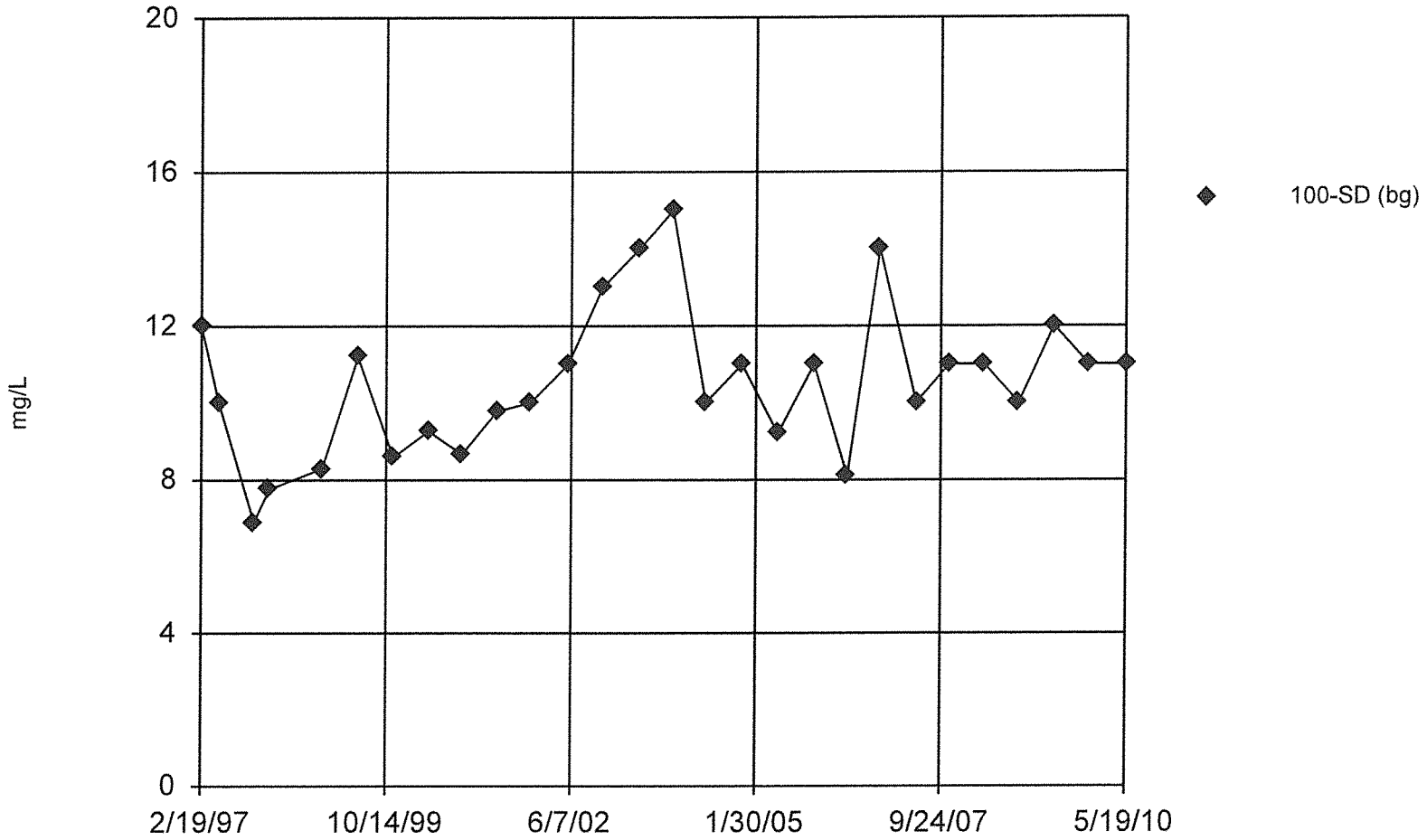


Constituent: Specific Conductance [Field] Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Time Series

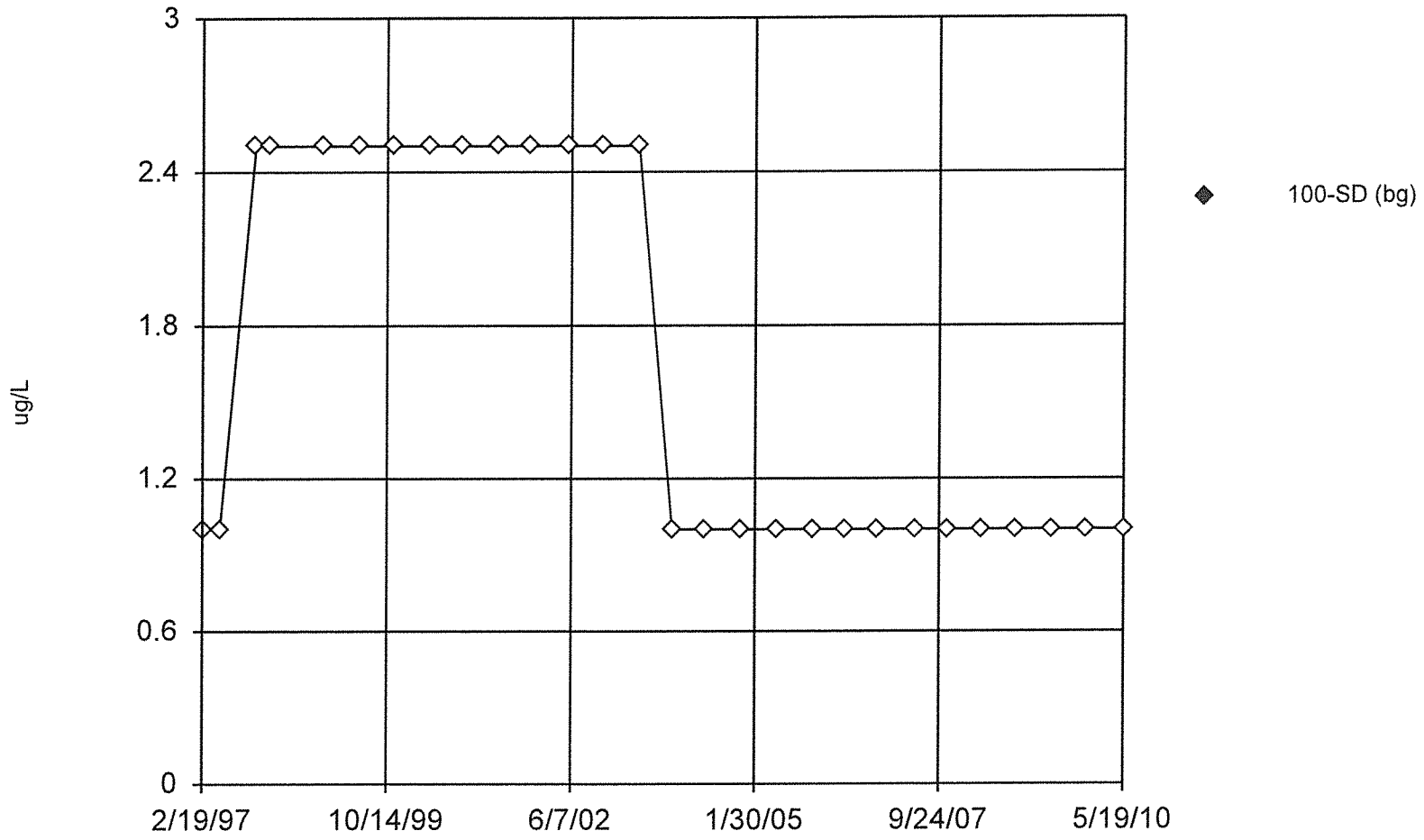


Constituent: Sulfate as SO4 Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

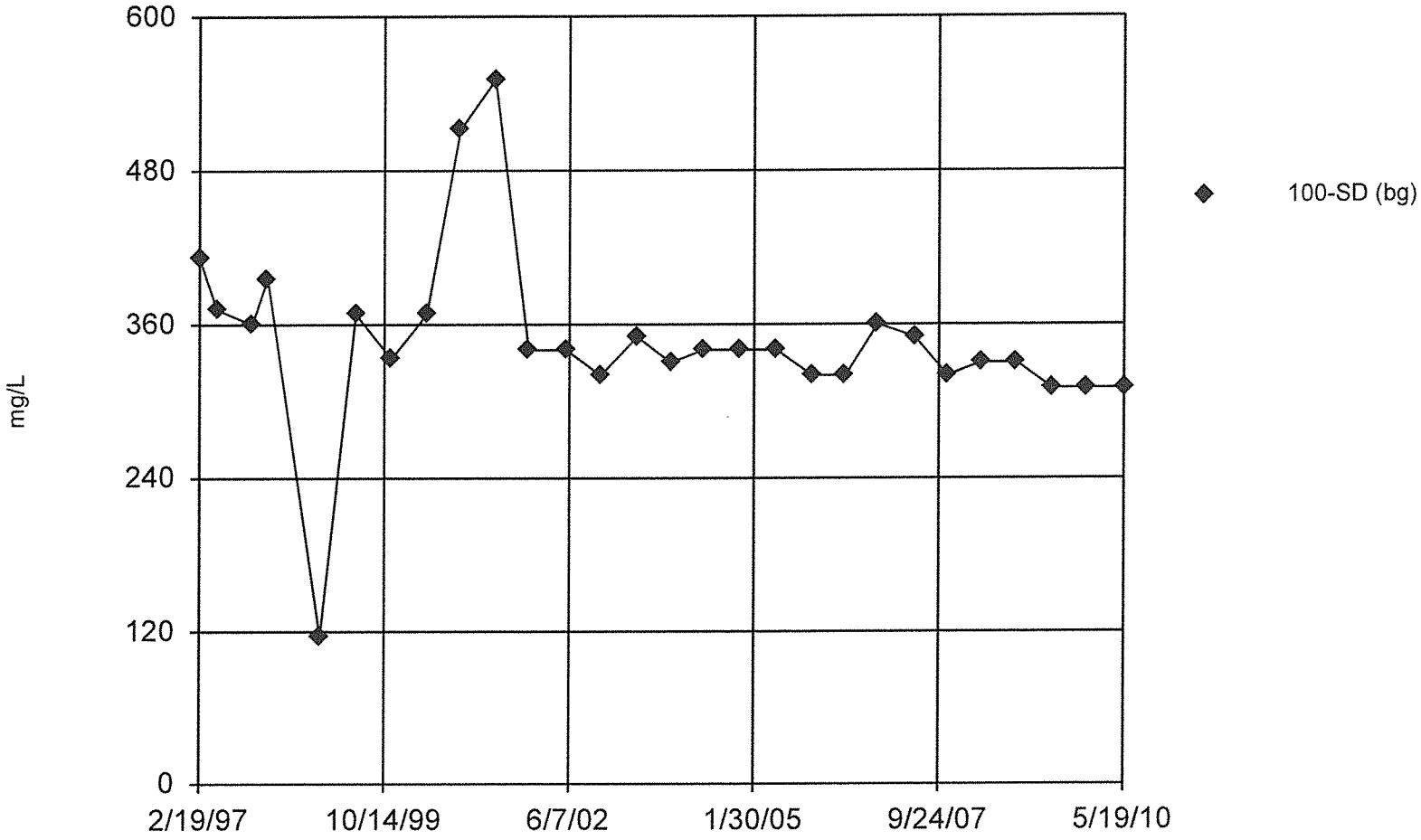


Constituent: Thallium Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Time Series

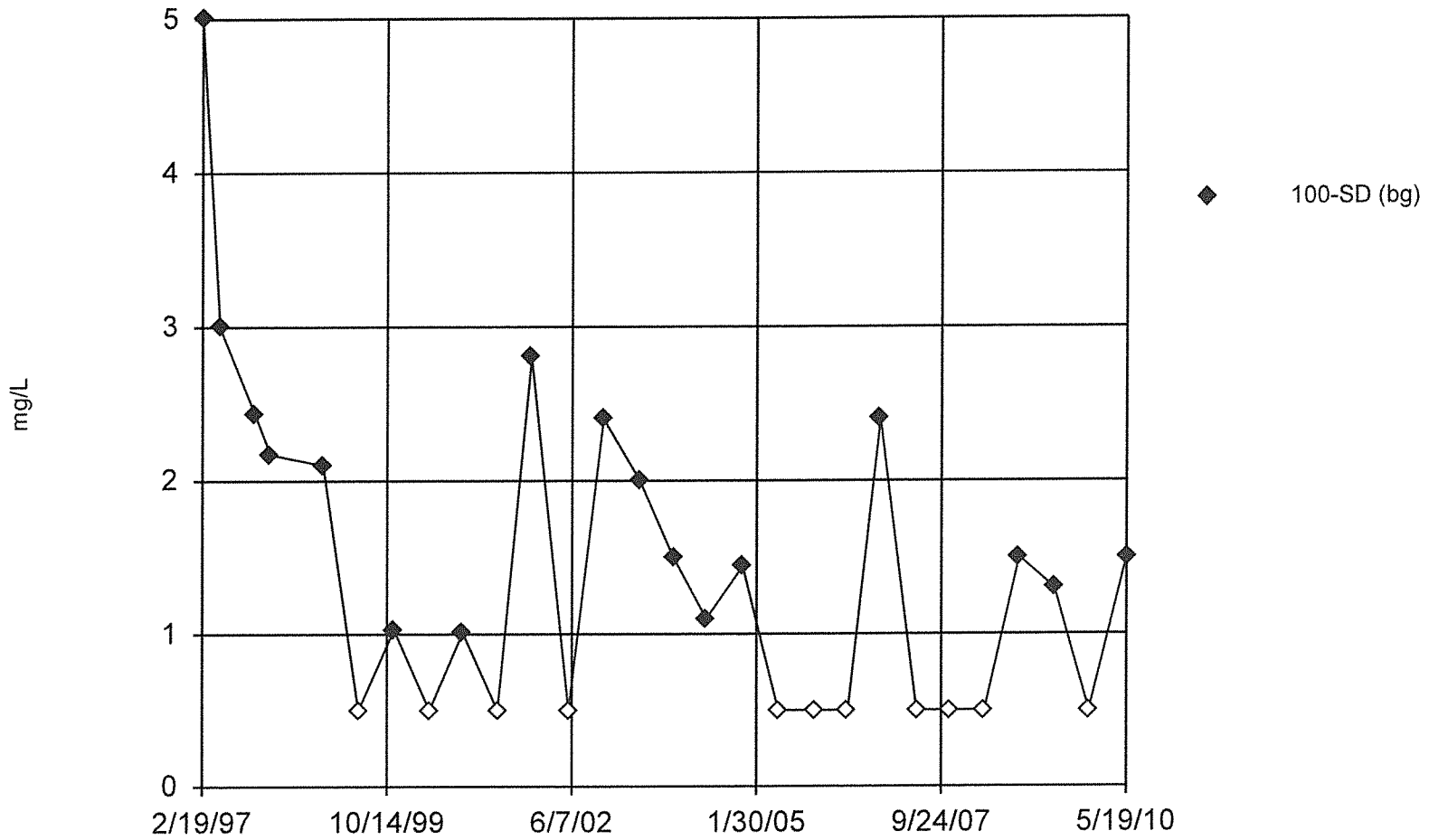


Constituent: Total Dissolved Solids [TDS] Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a, UG
Hollow symbols indicate censored values.

Time Series

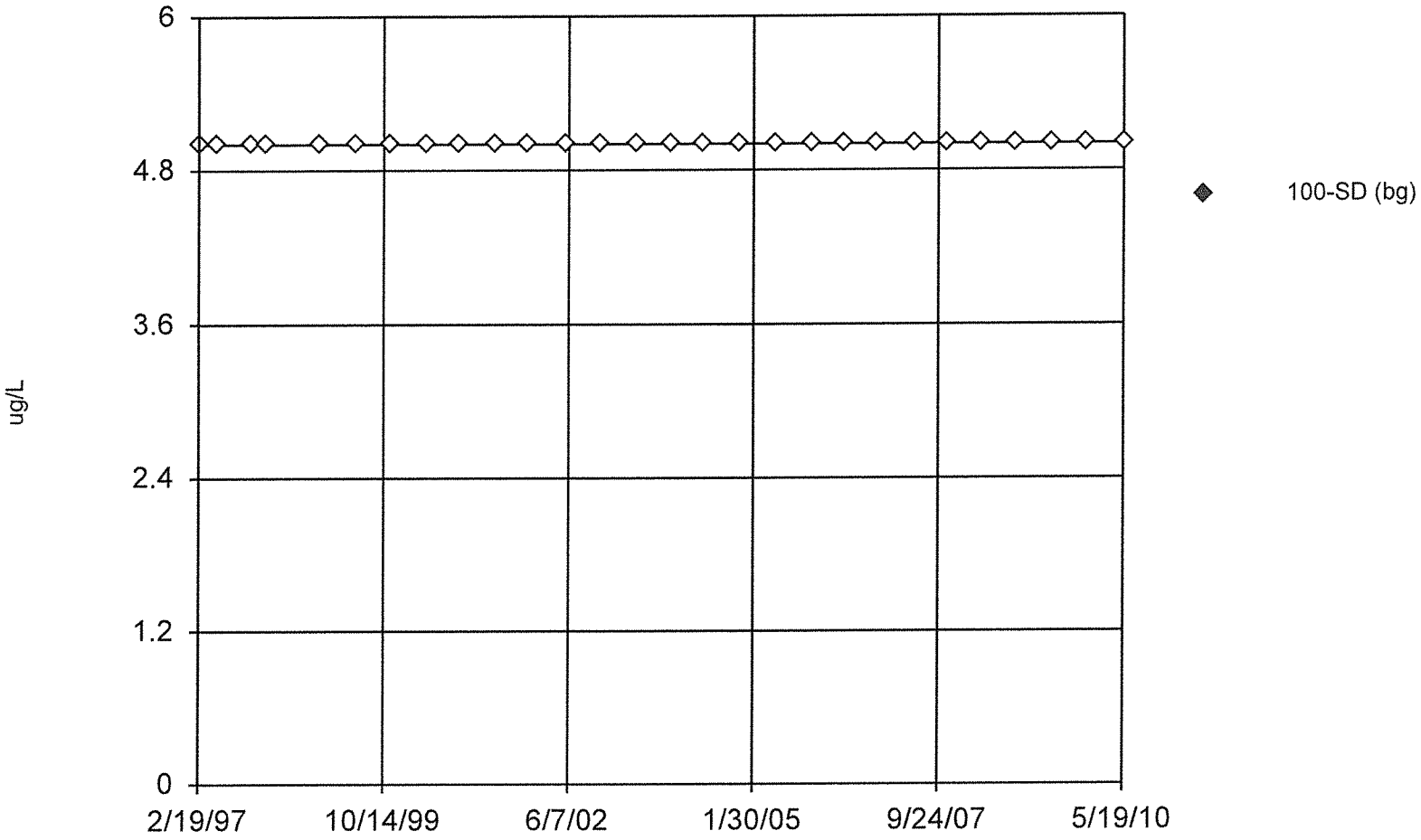


Constituent: Total Organic Carbon [TOC] Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

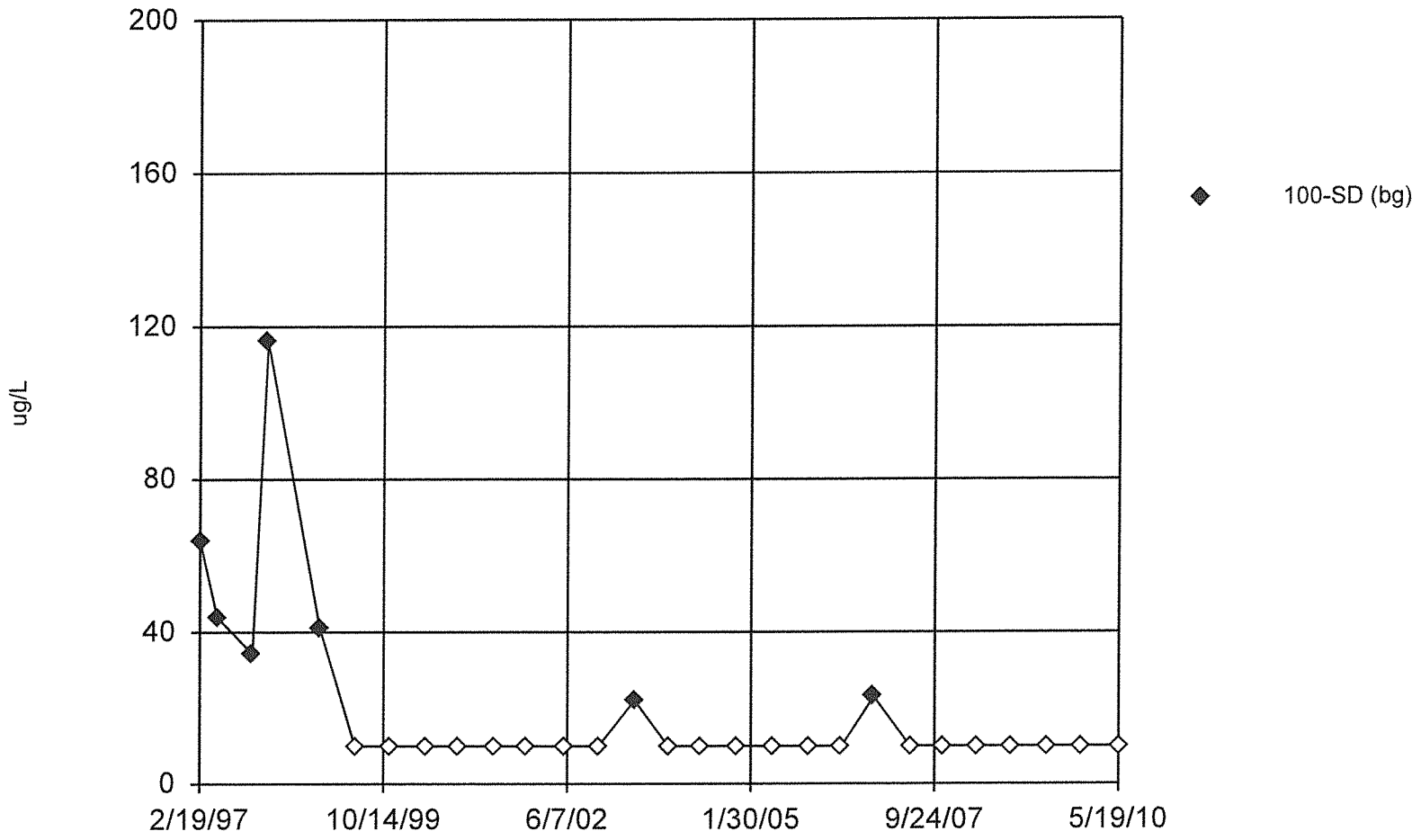


Constituent: Vanadium Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG
Hollow symbols indicate censored values.

Time Series

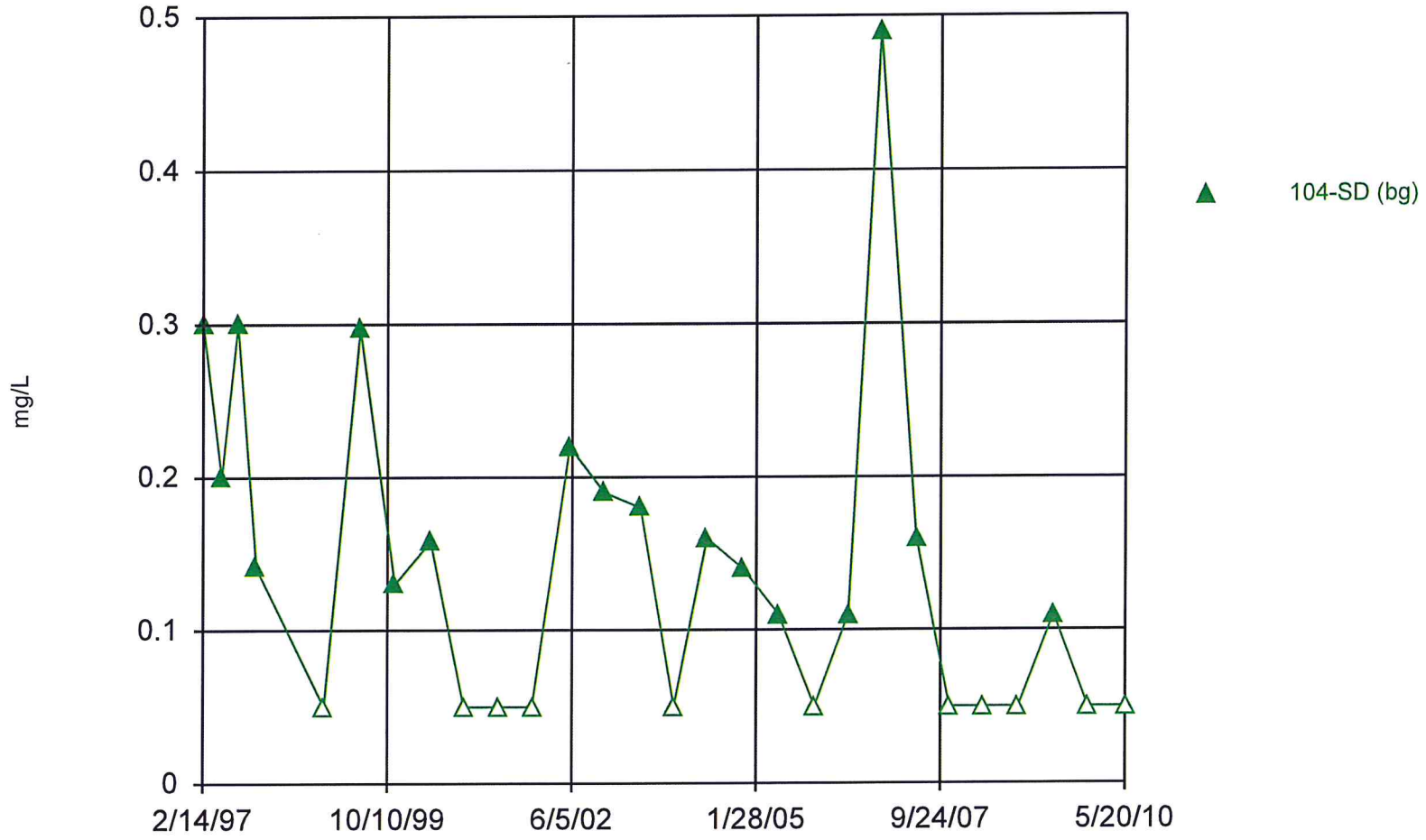


Constituent: Zinc Total Analysis Run 9/3/2010 12:01 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

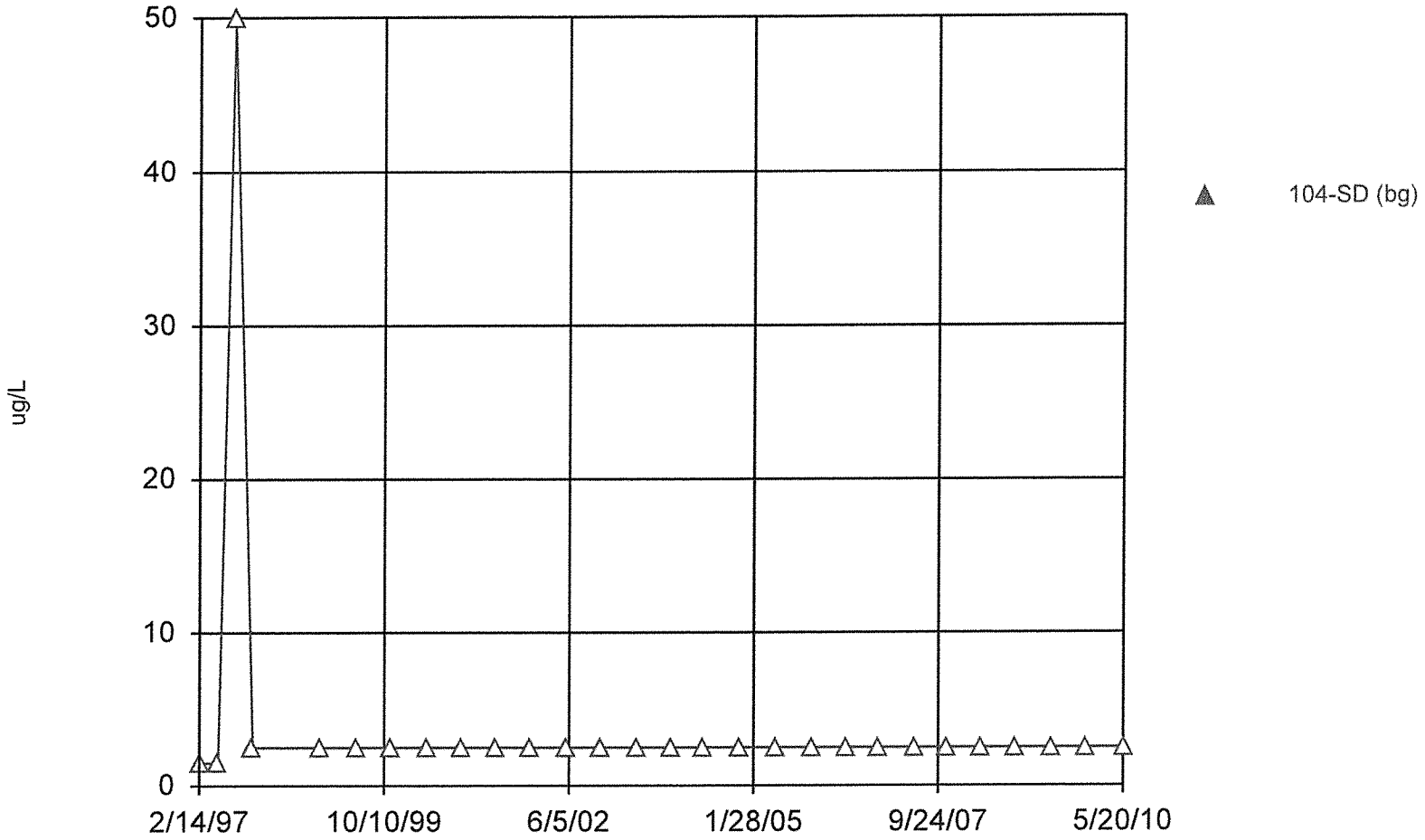


Constituent: Ammonia as N Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

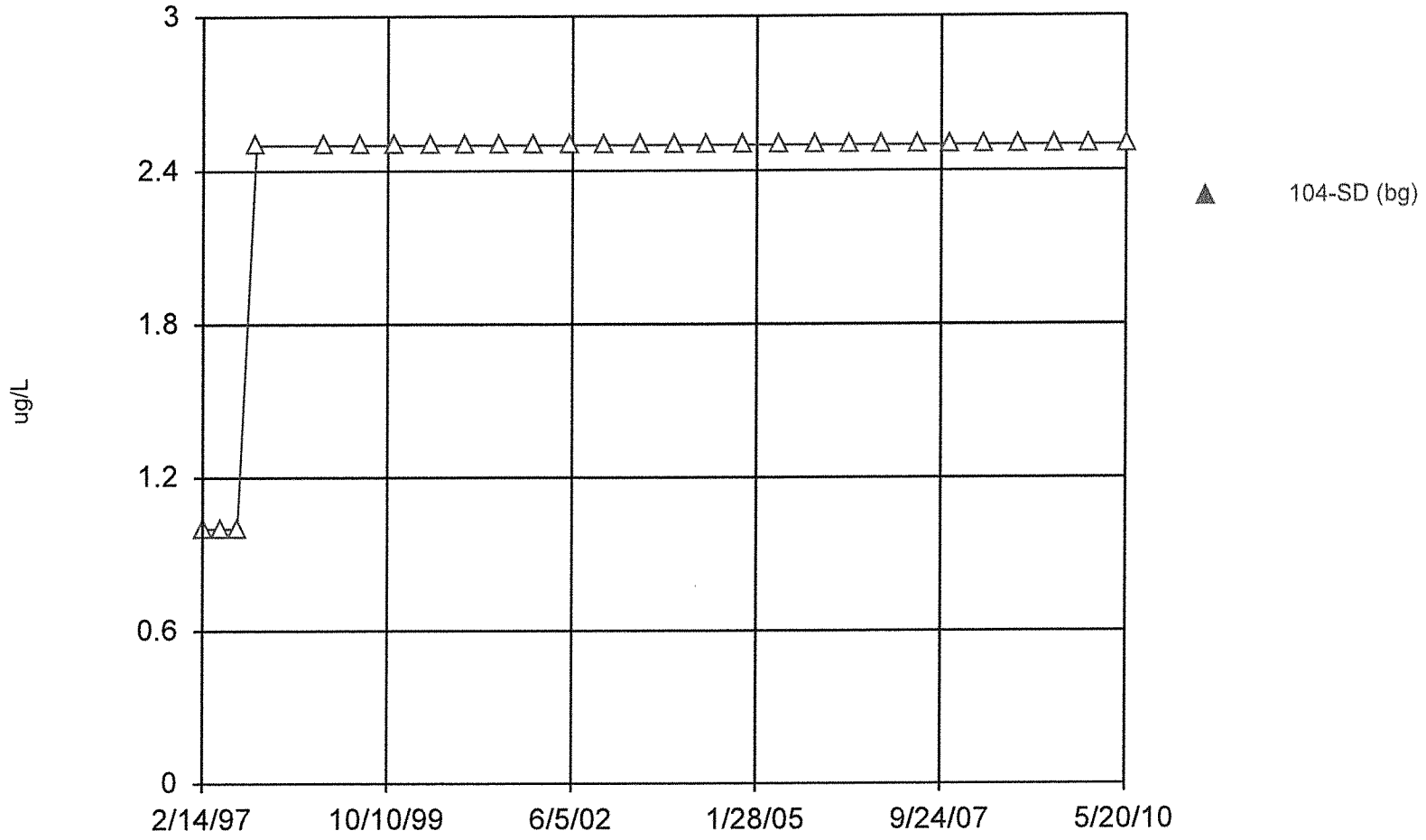


Constituent: Antimony Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

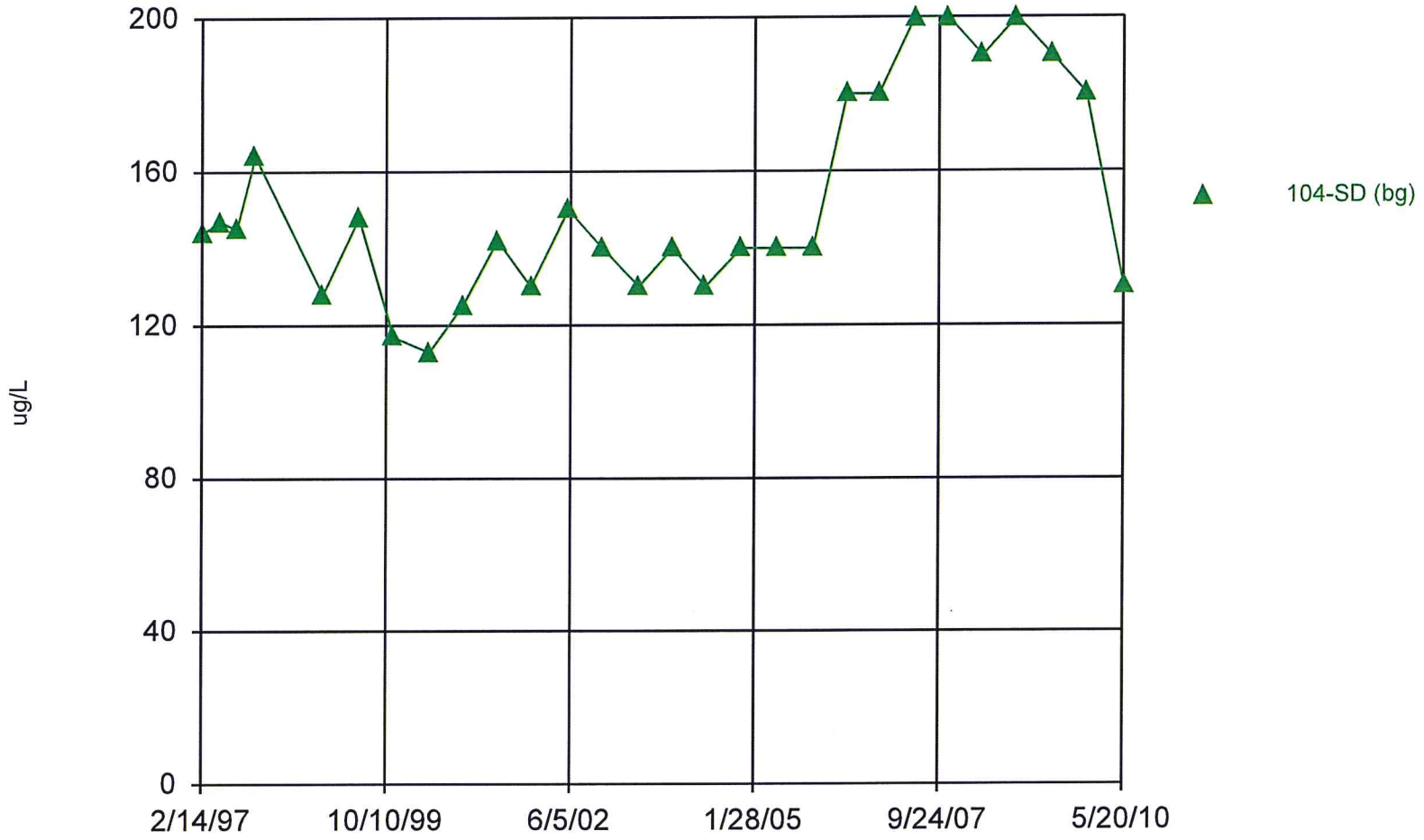


Constituent: Arsenic Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

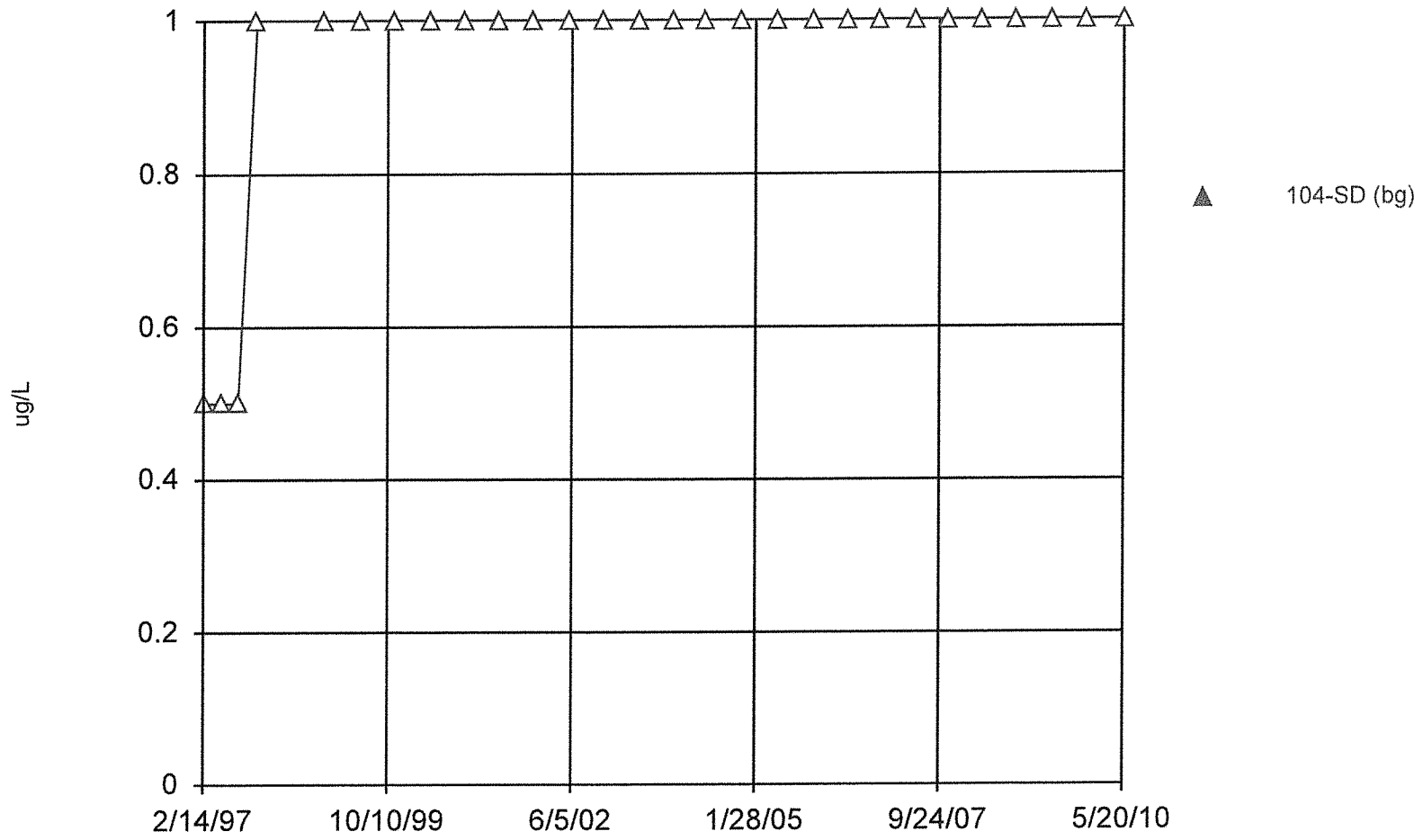


Constituent: Barium Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

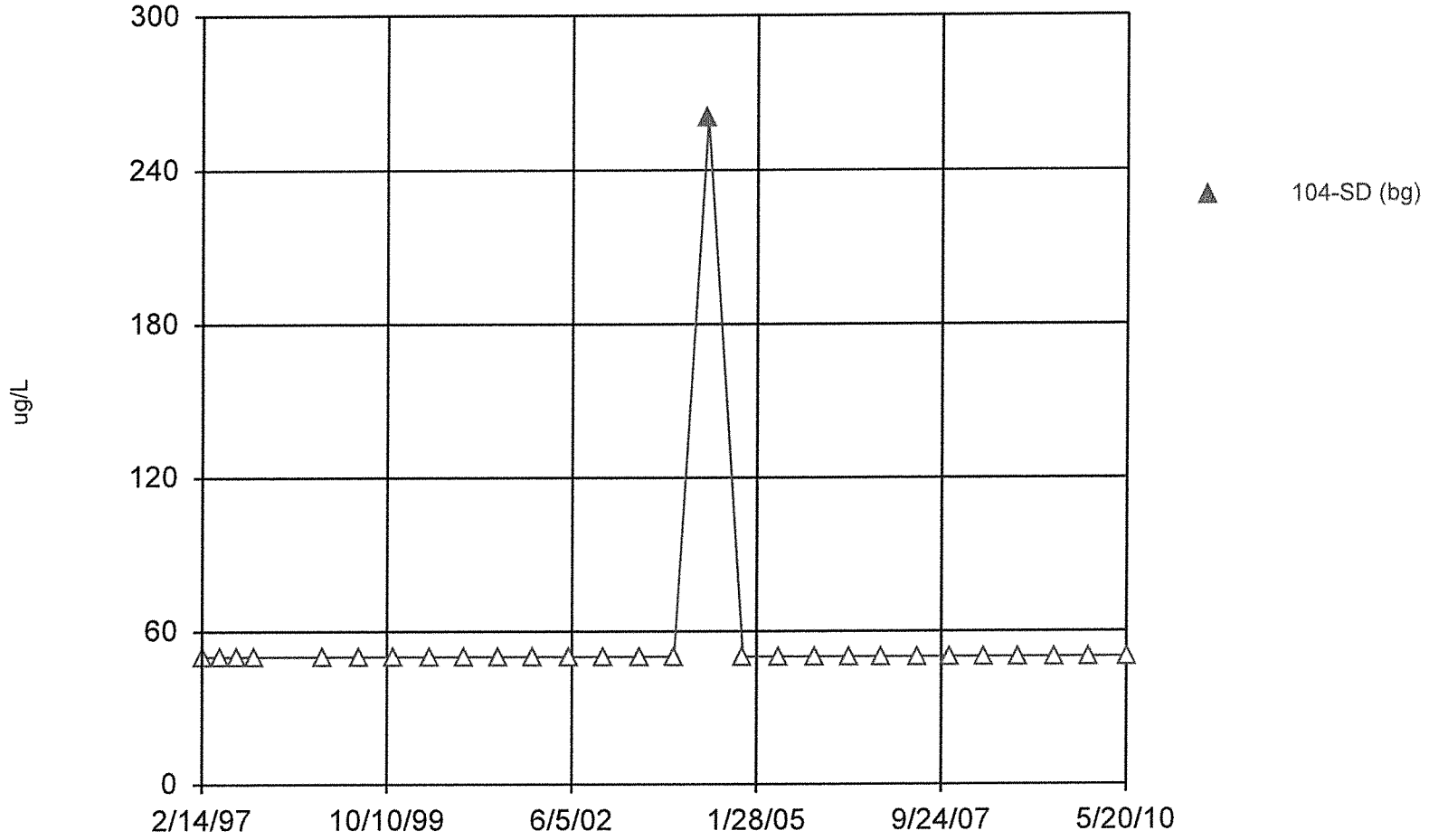


Constituent: Beryllium Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

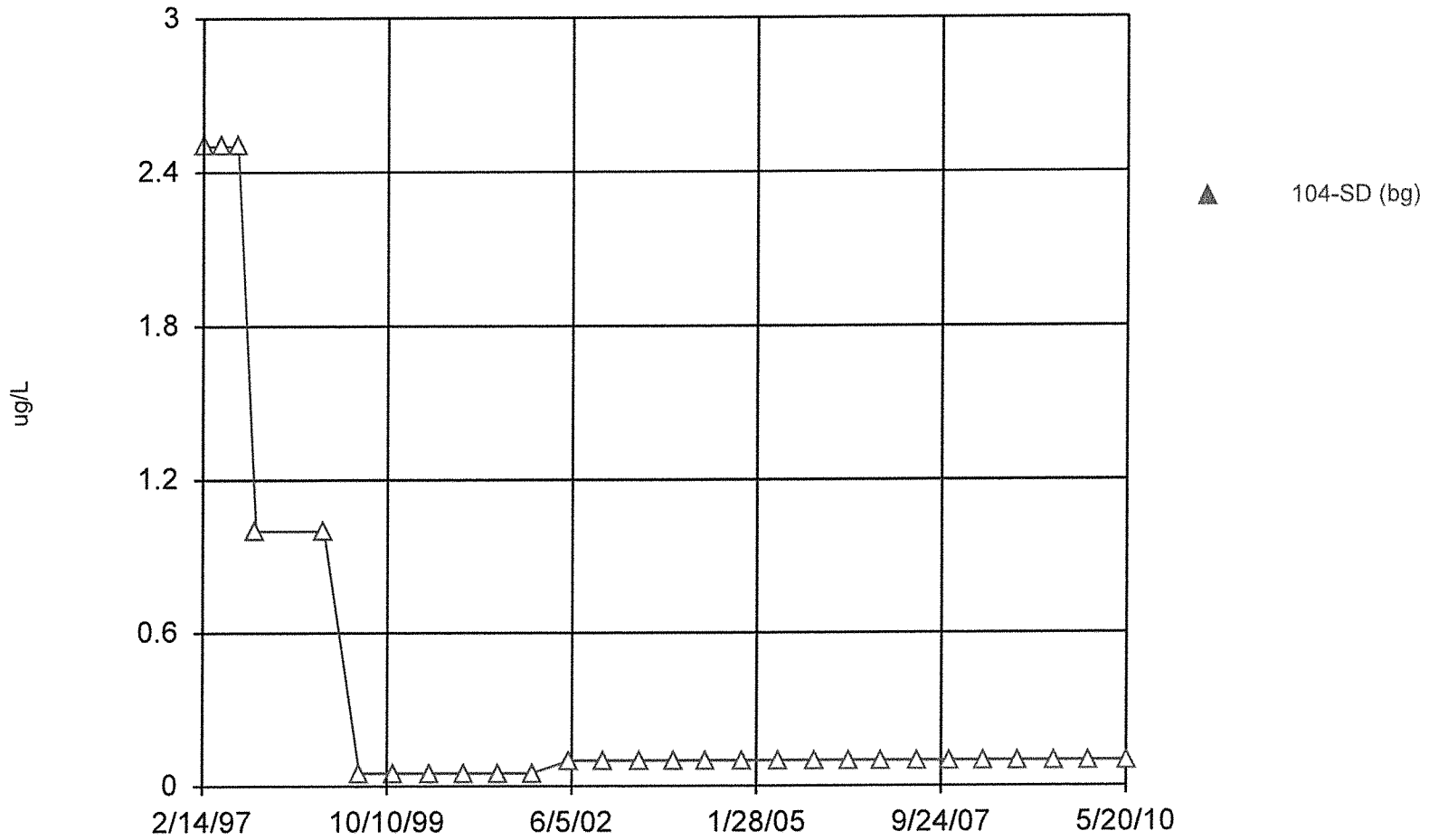


Constituent: Boron Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

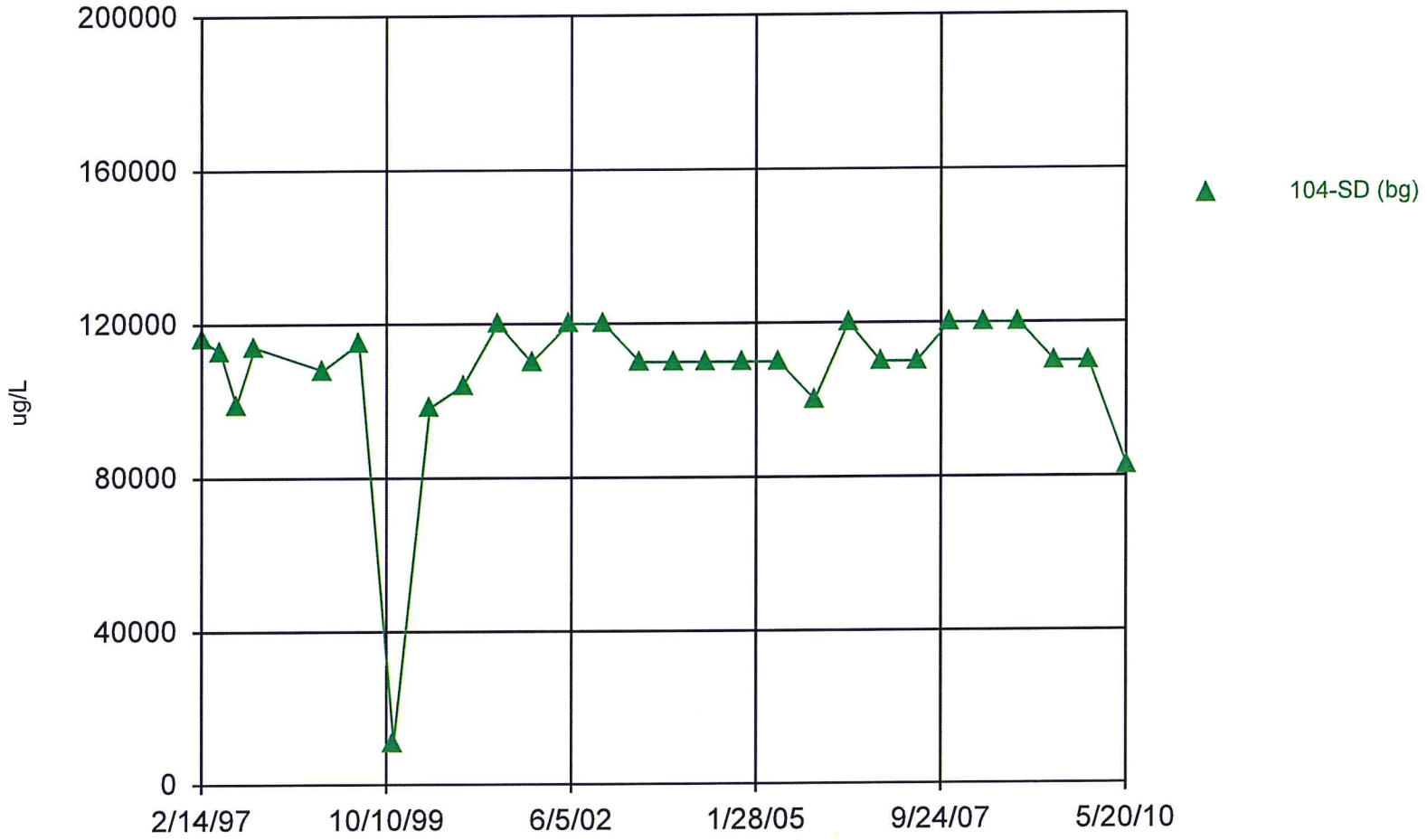


Constituent: Cadmium Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

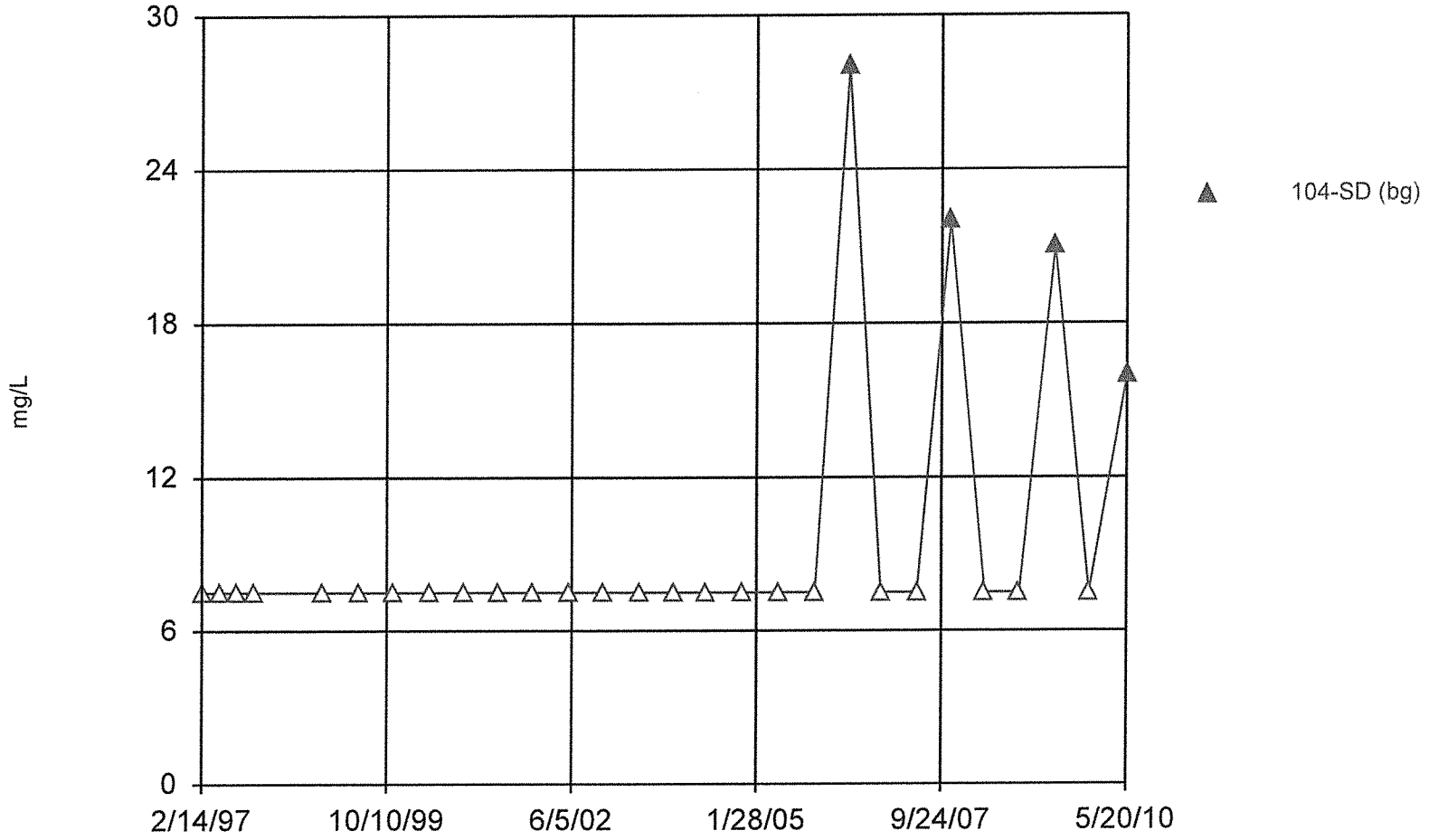


Constituent: Calcium Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

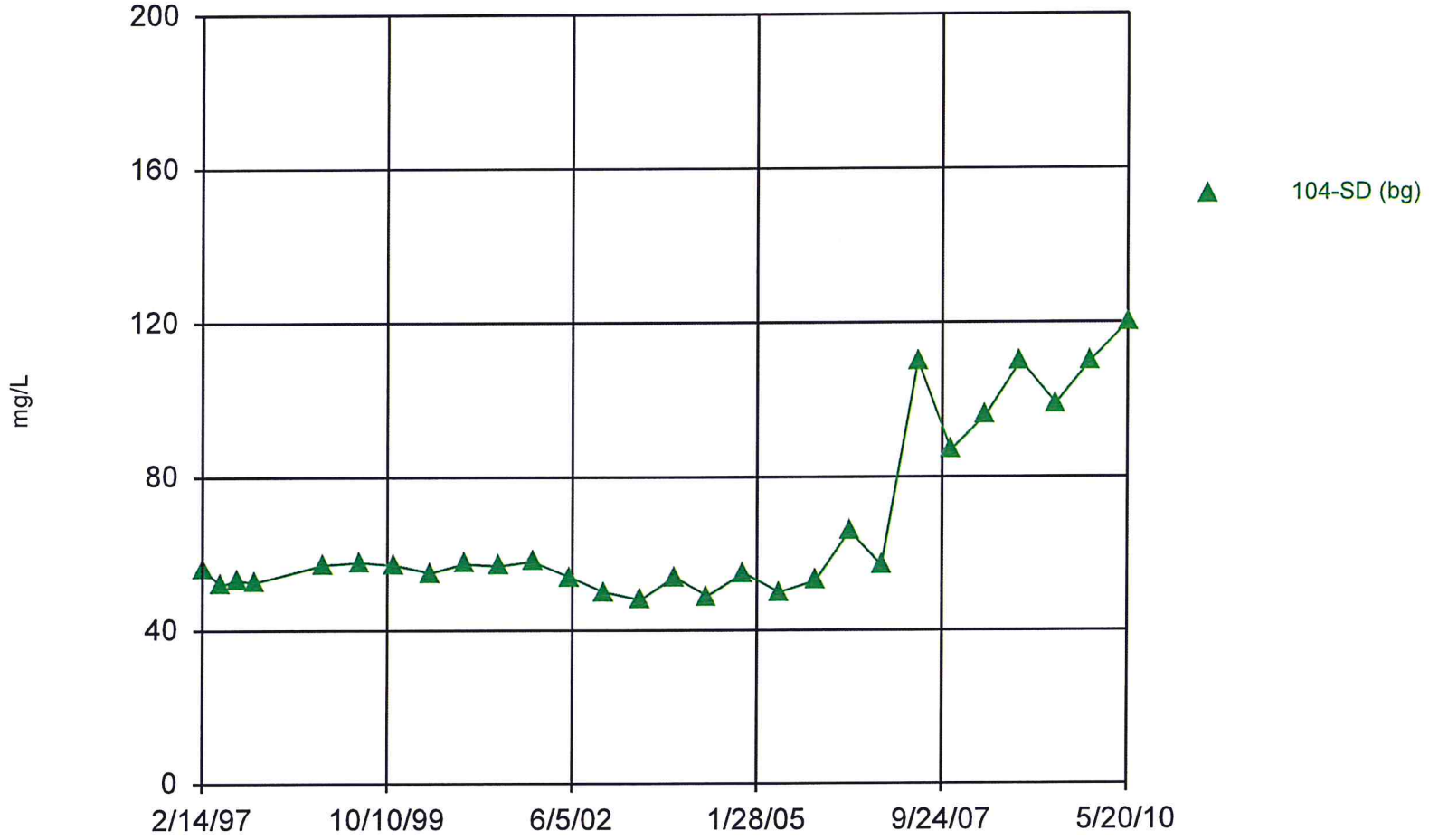


Constituent: Chemical Oxygen Demand [COD] Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

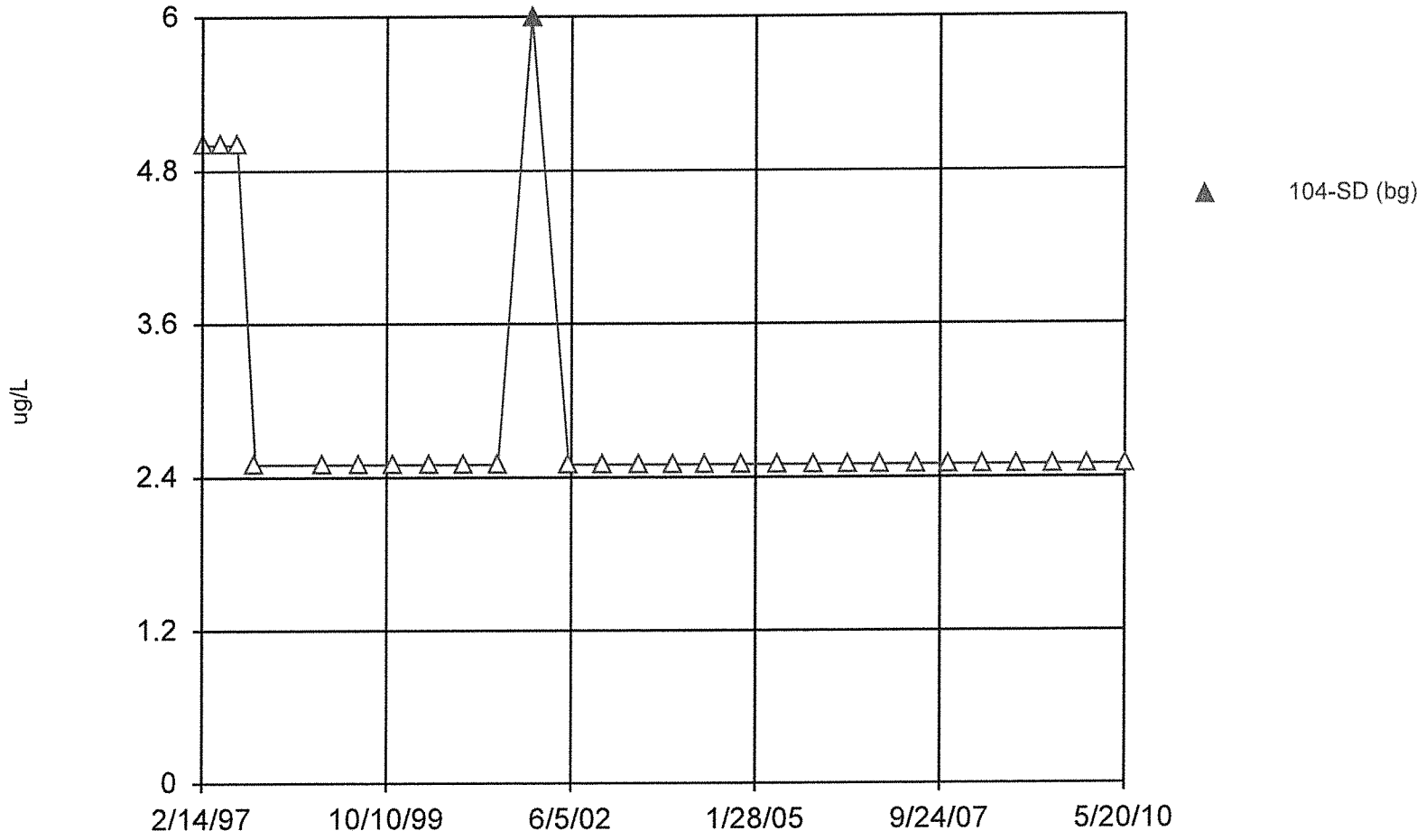


Constituent: Chloride Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

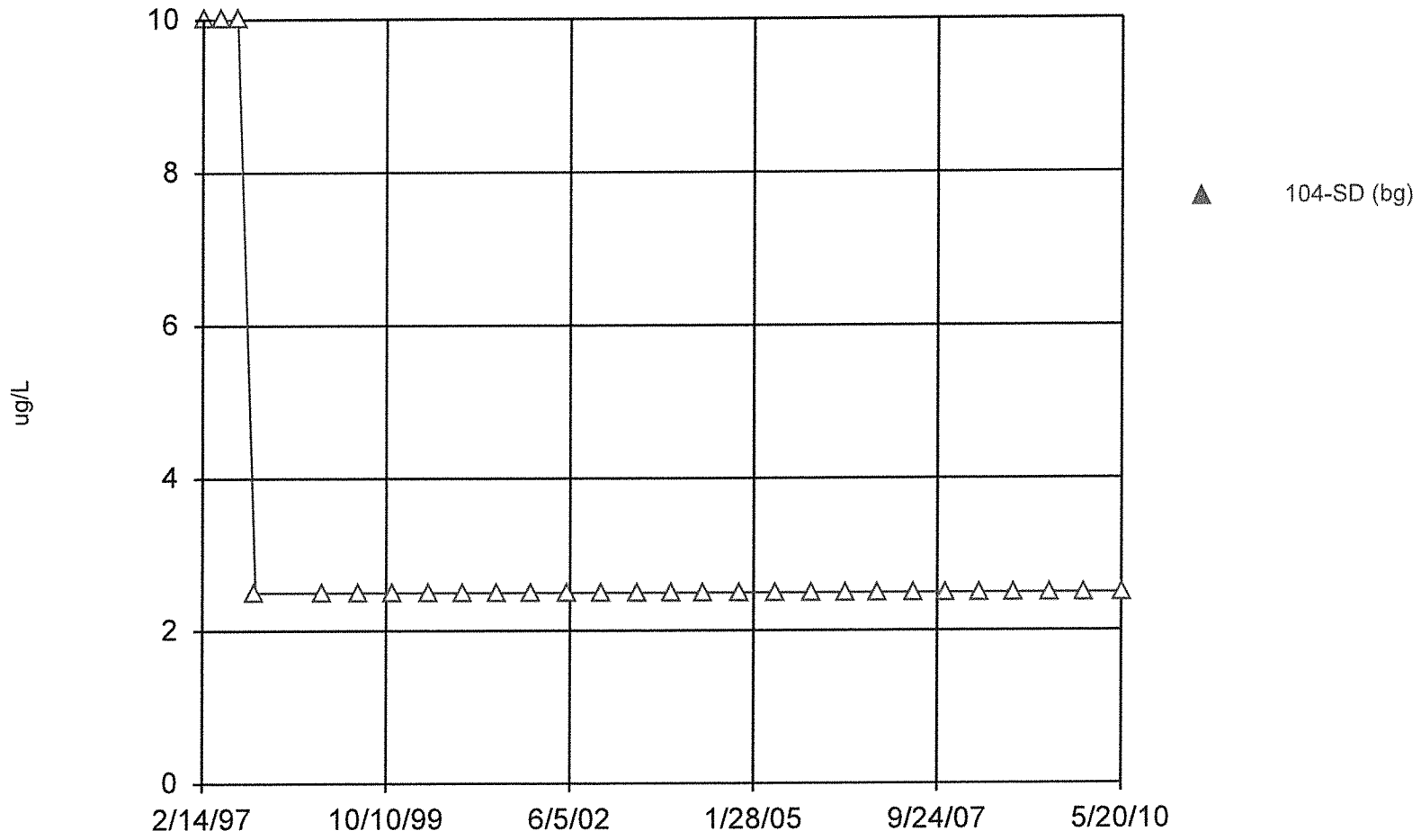


Constituent: Chromium Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

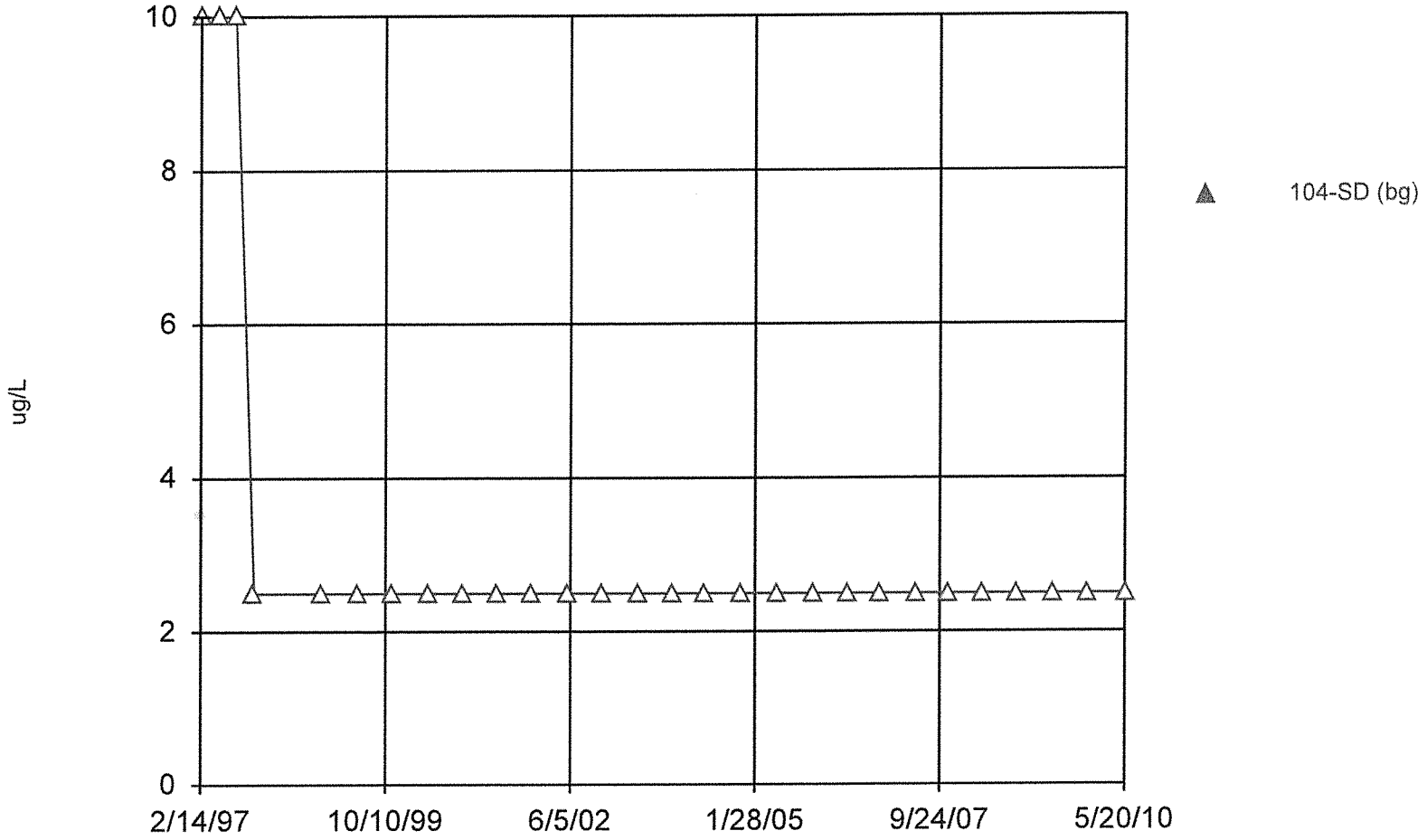


Constituent: Cobalt Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

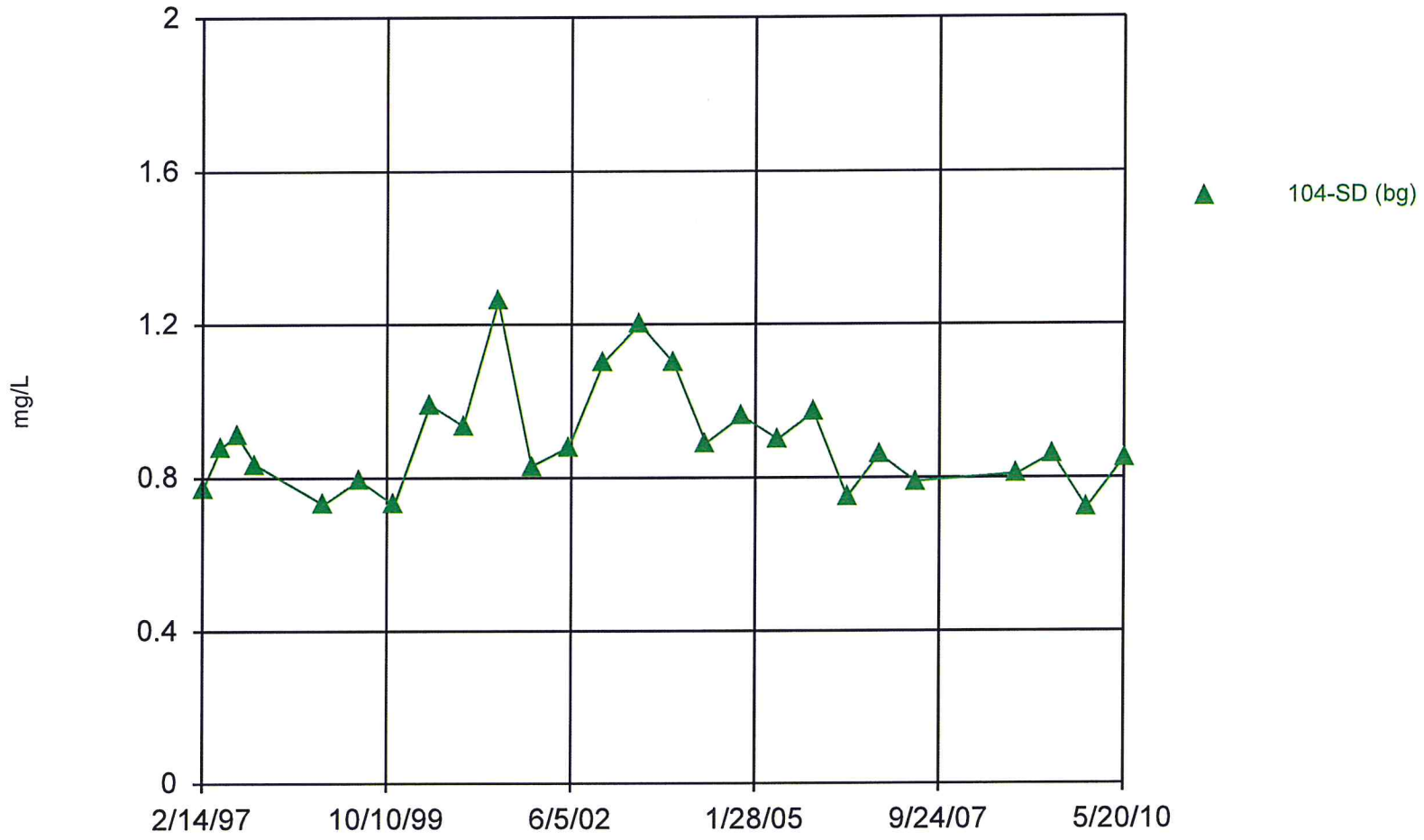


Constituent: Copper Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

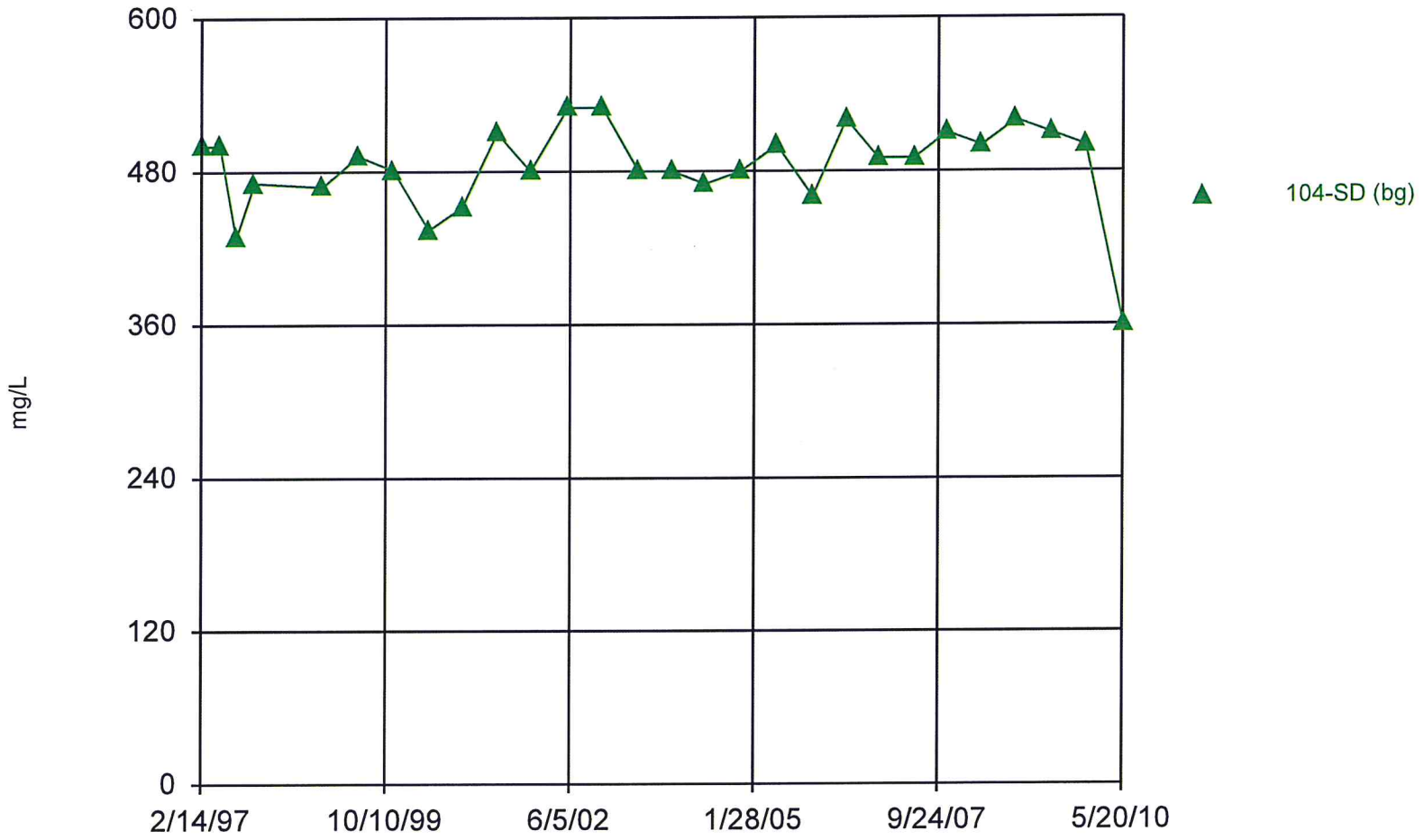


Constituent: Fluoride Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

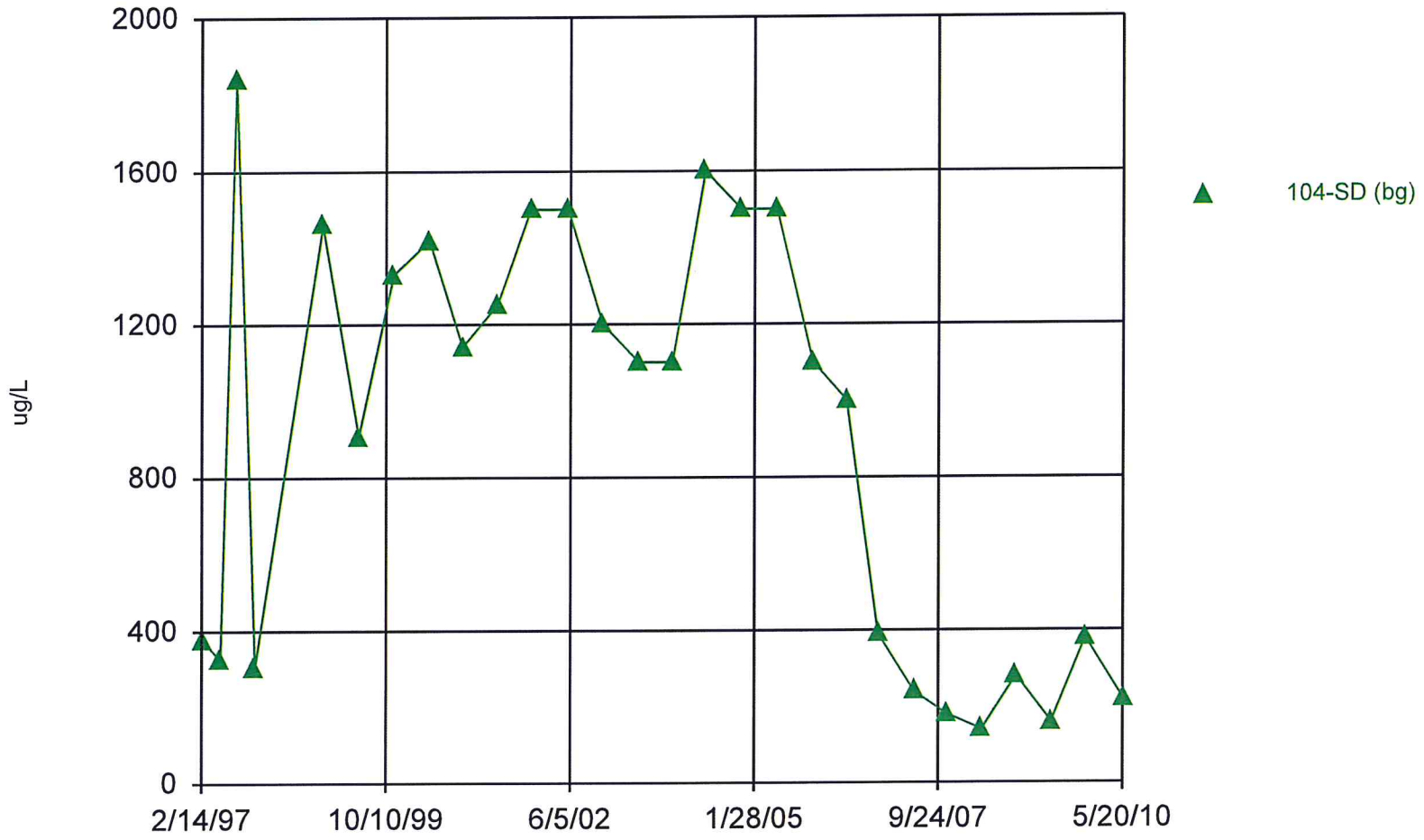


Constituent: Hardness Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

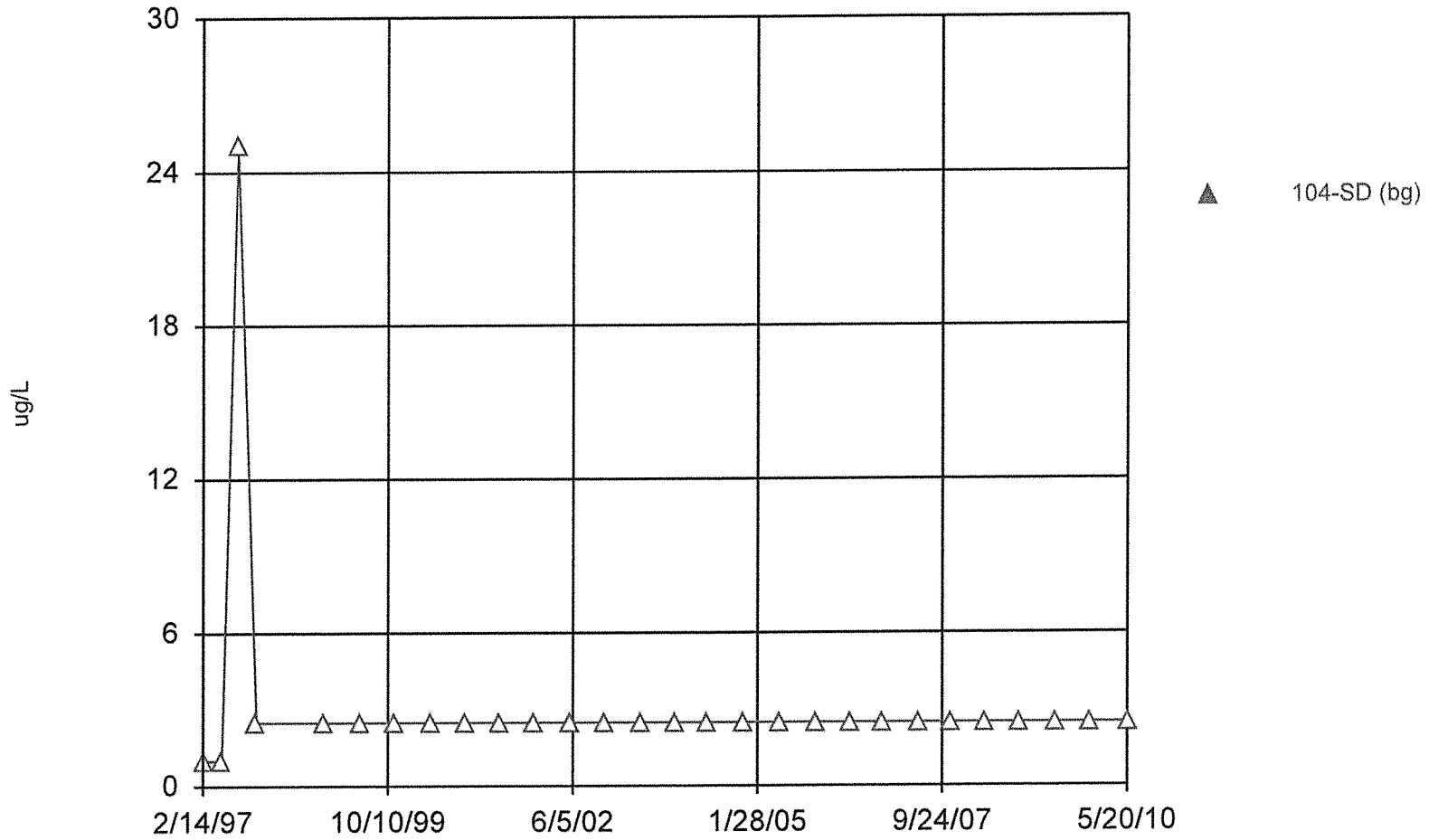


Constituent: Iron Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

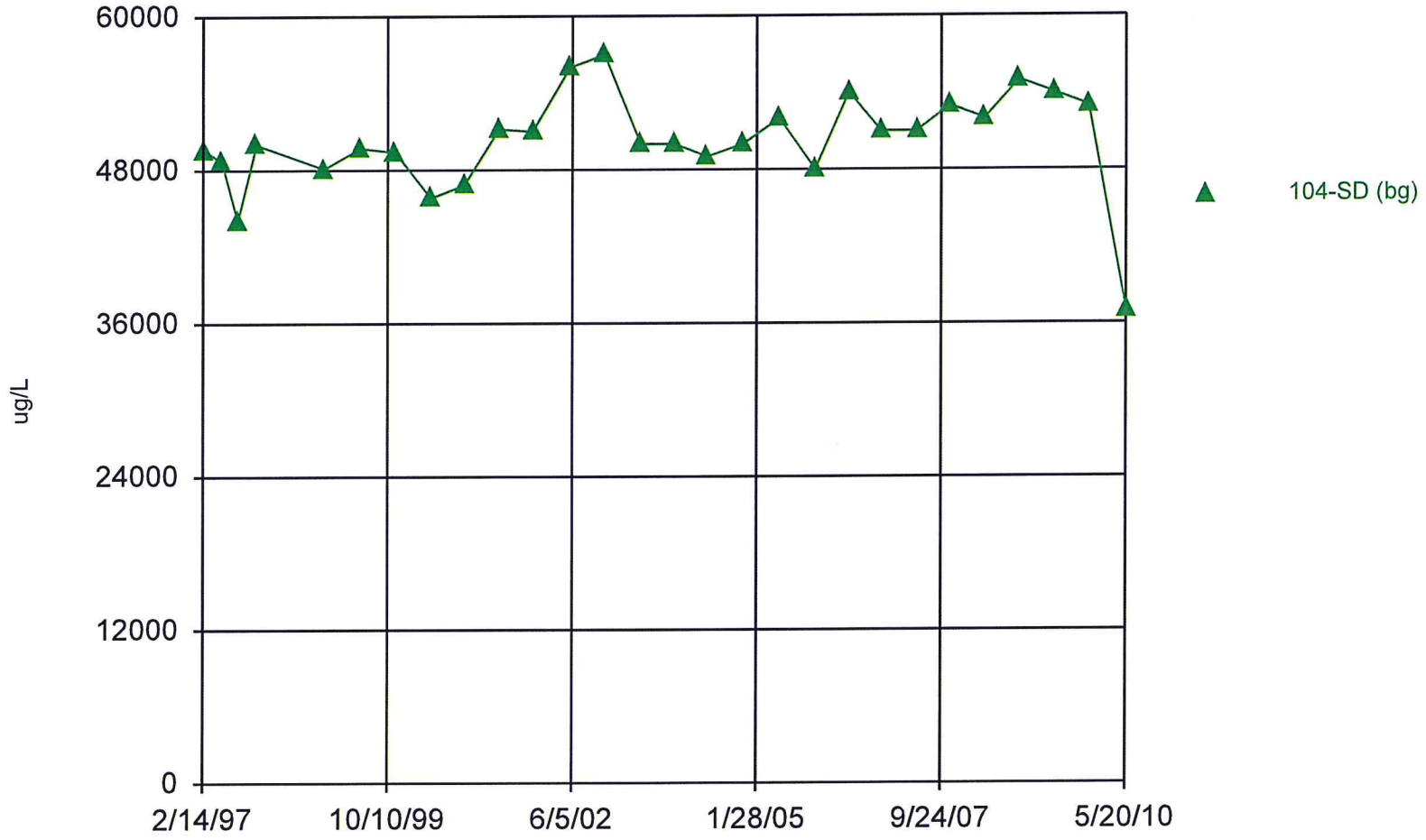


Constituent: Lead Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

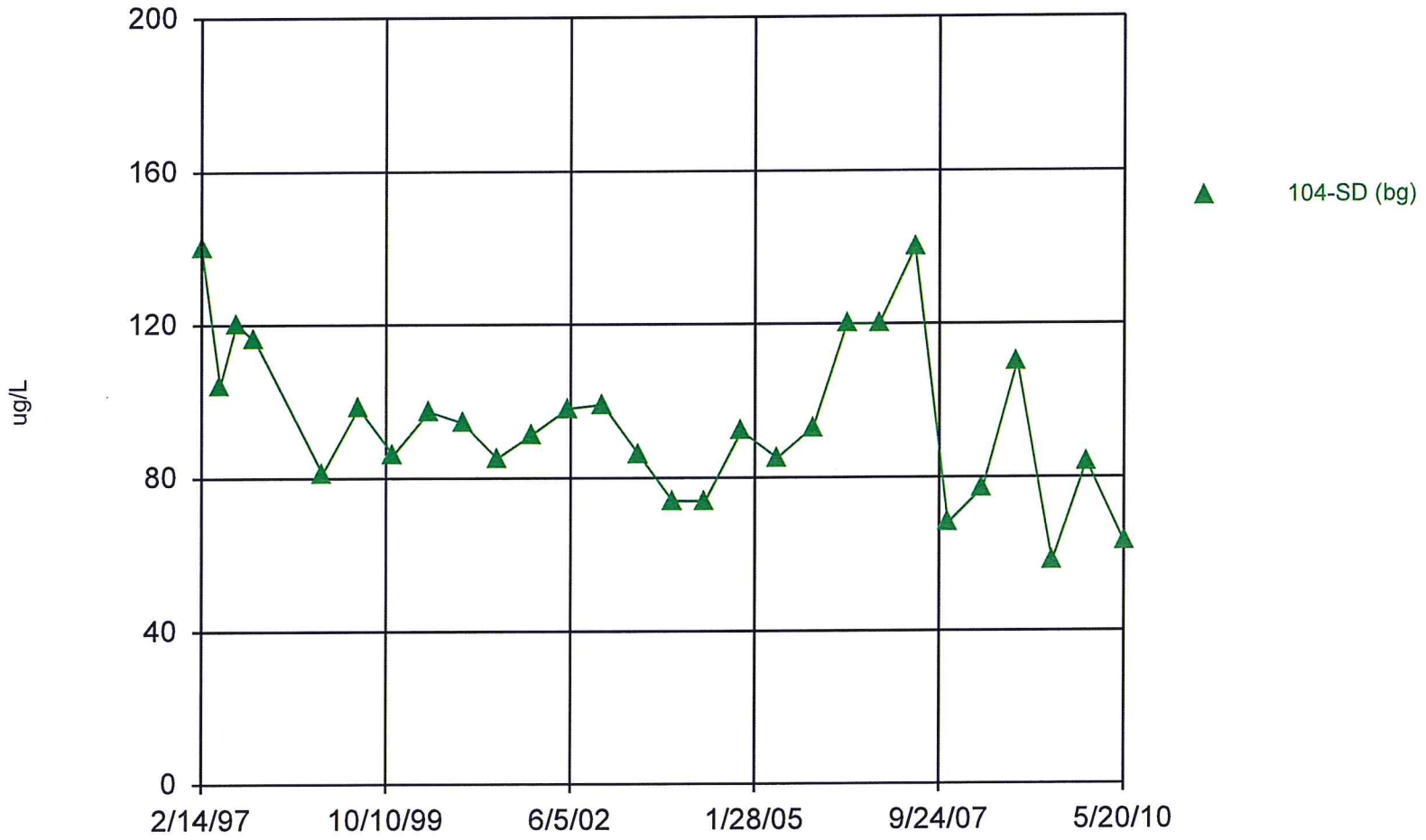


Constituent: Magnesium Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

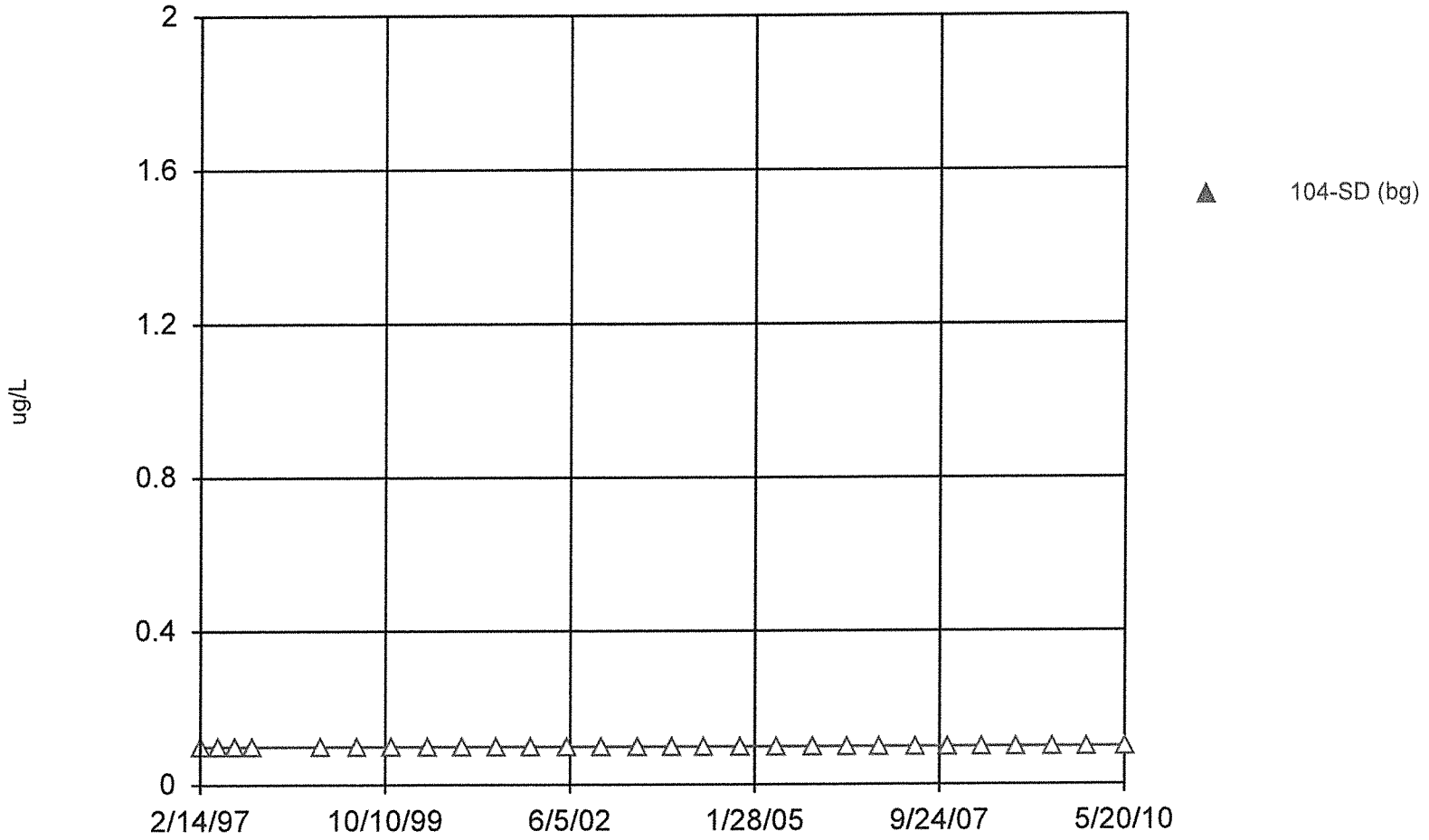


Constituent: Manganese Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

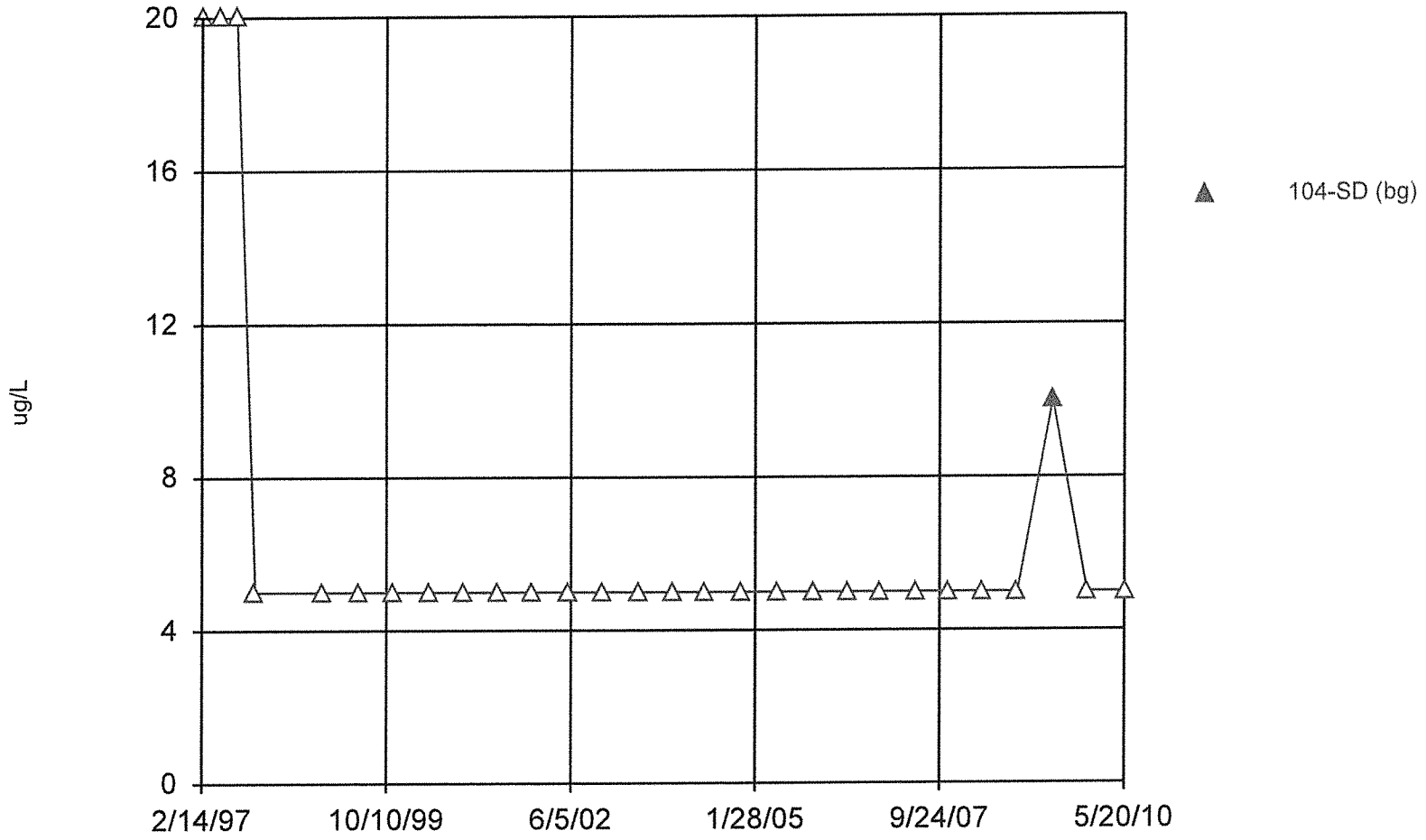


Constituent: Mercury Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

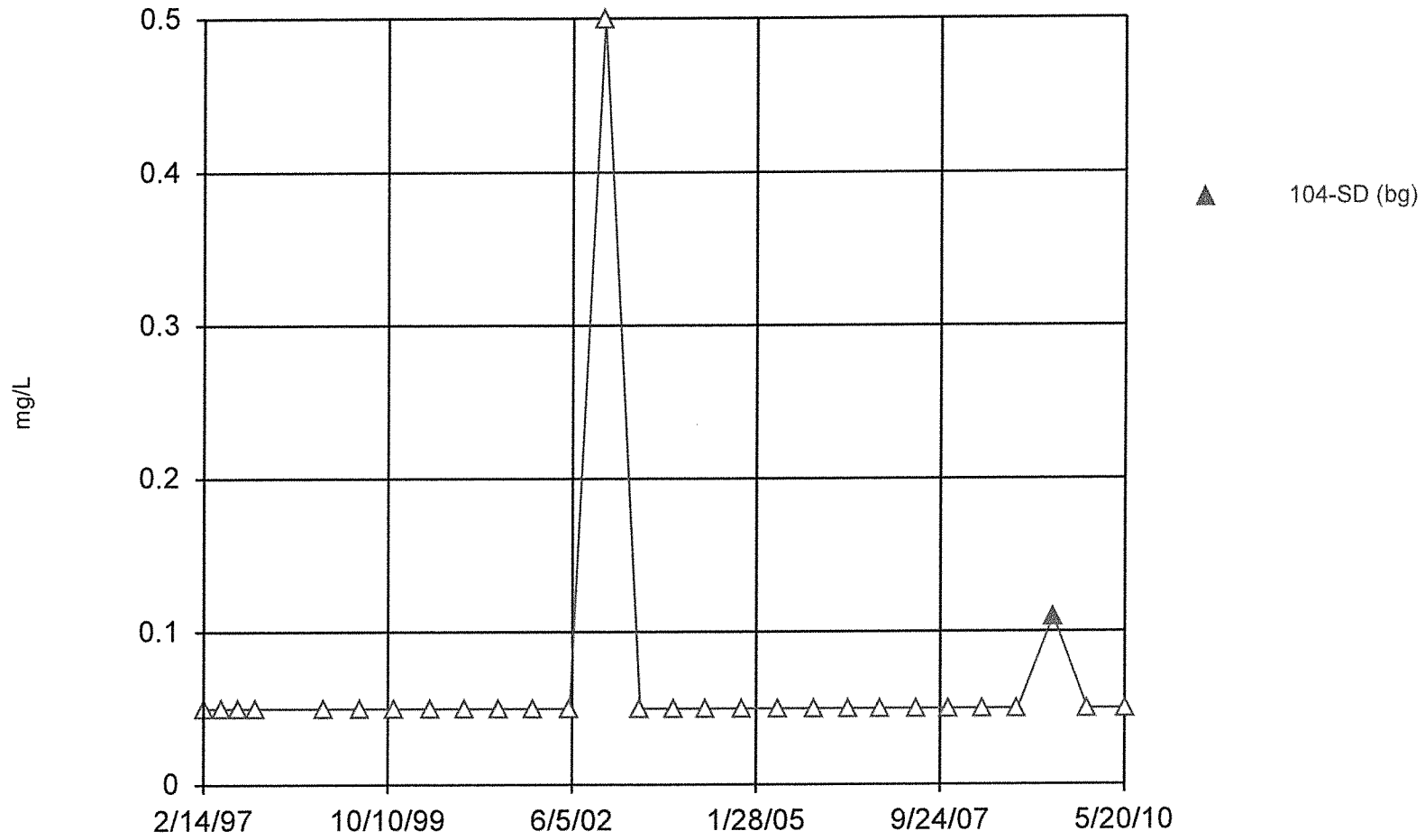


Constituent: Nickel Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

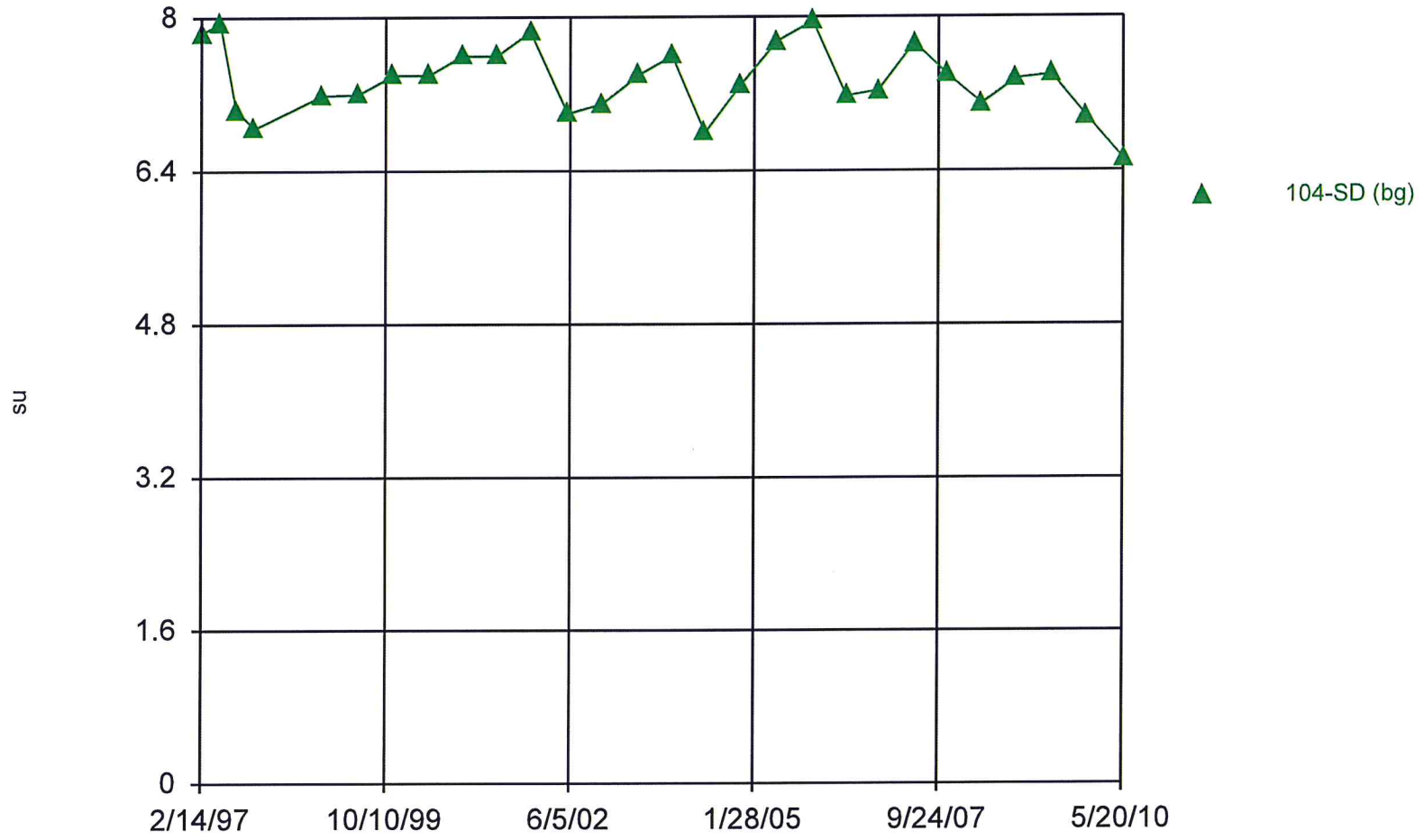


Constituent: Nitrate/Nitrite Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

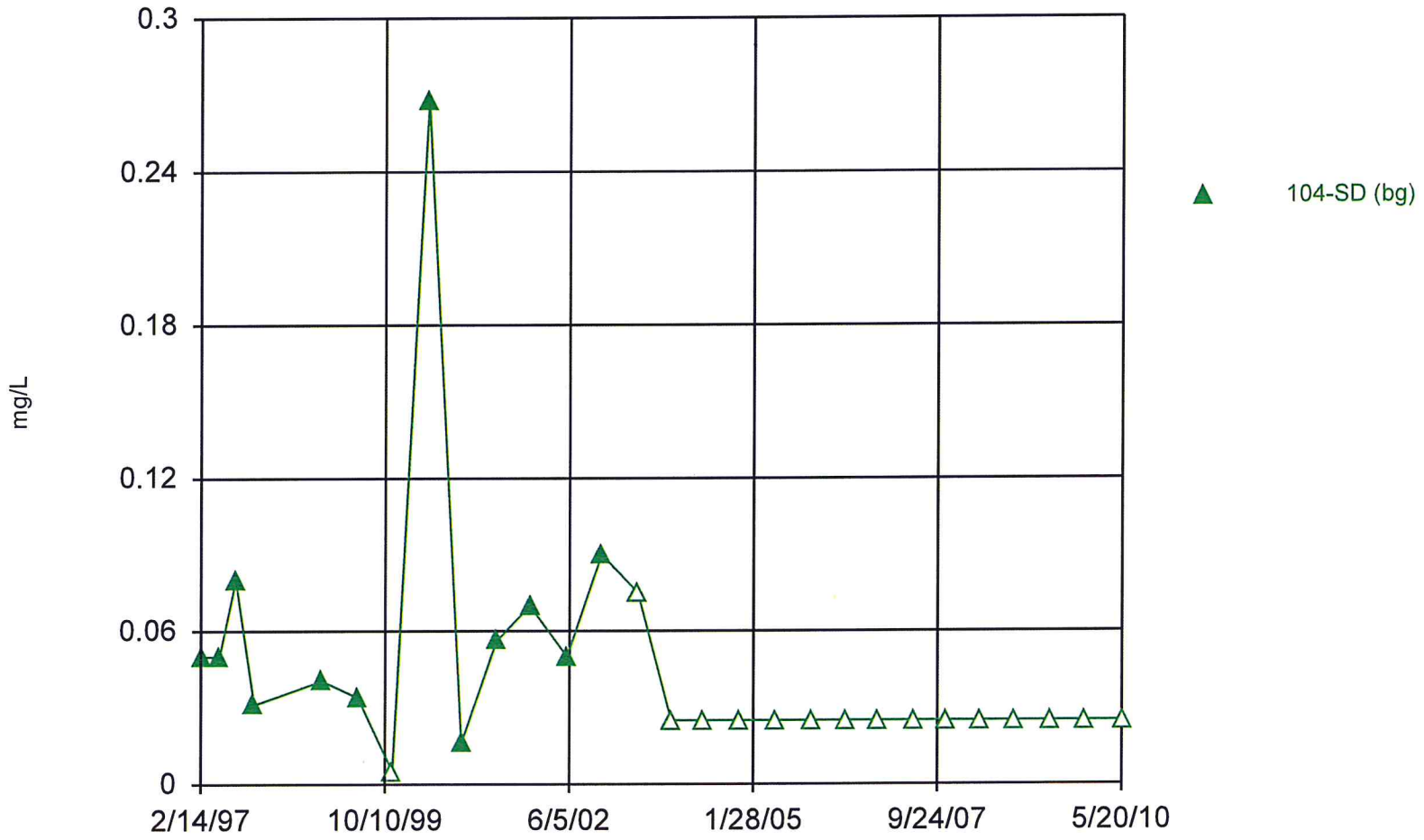


Constituent: pH [Field] Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

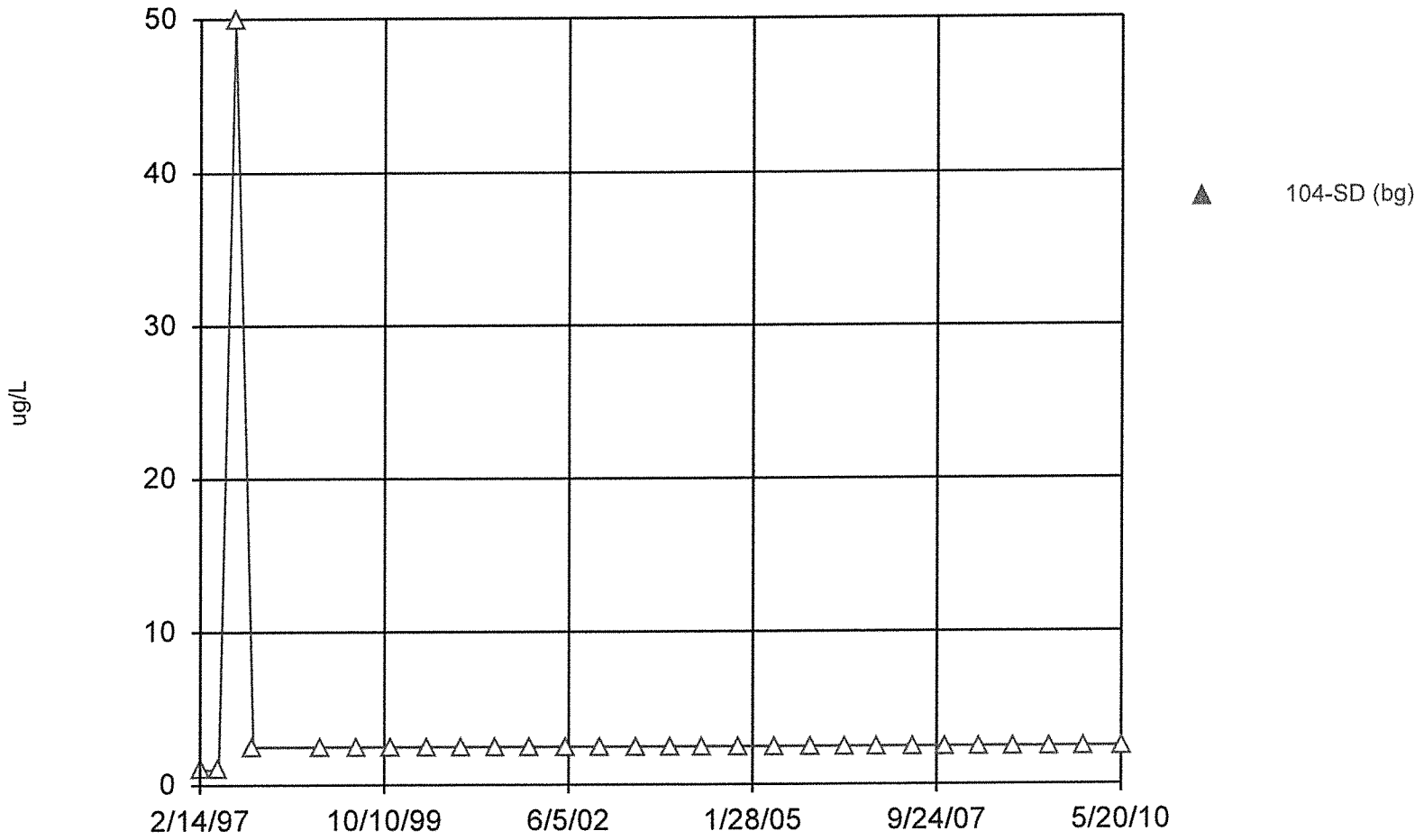


Constituent: Phosphorus Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

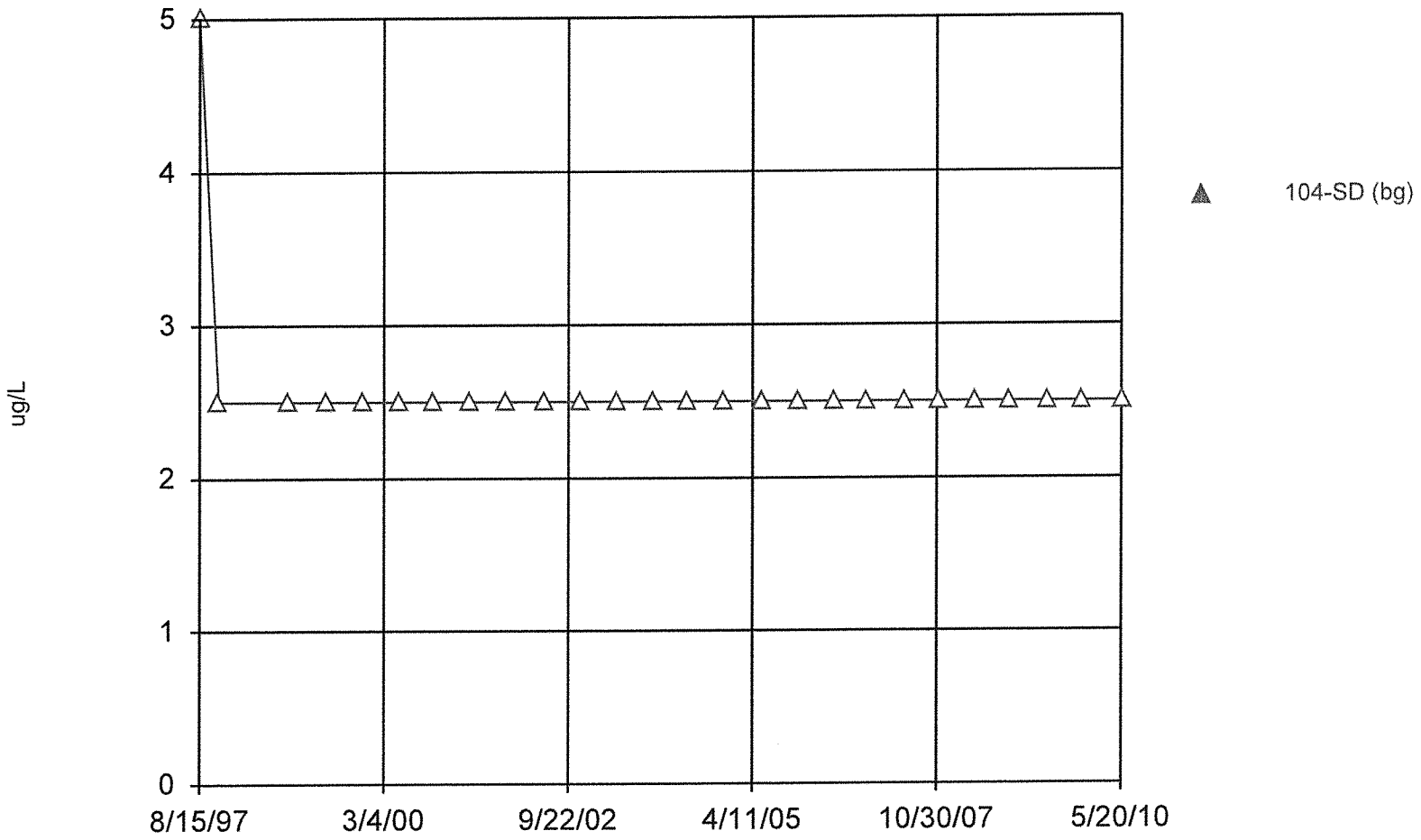


Constituent: Selenium Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

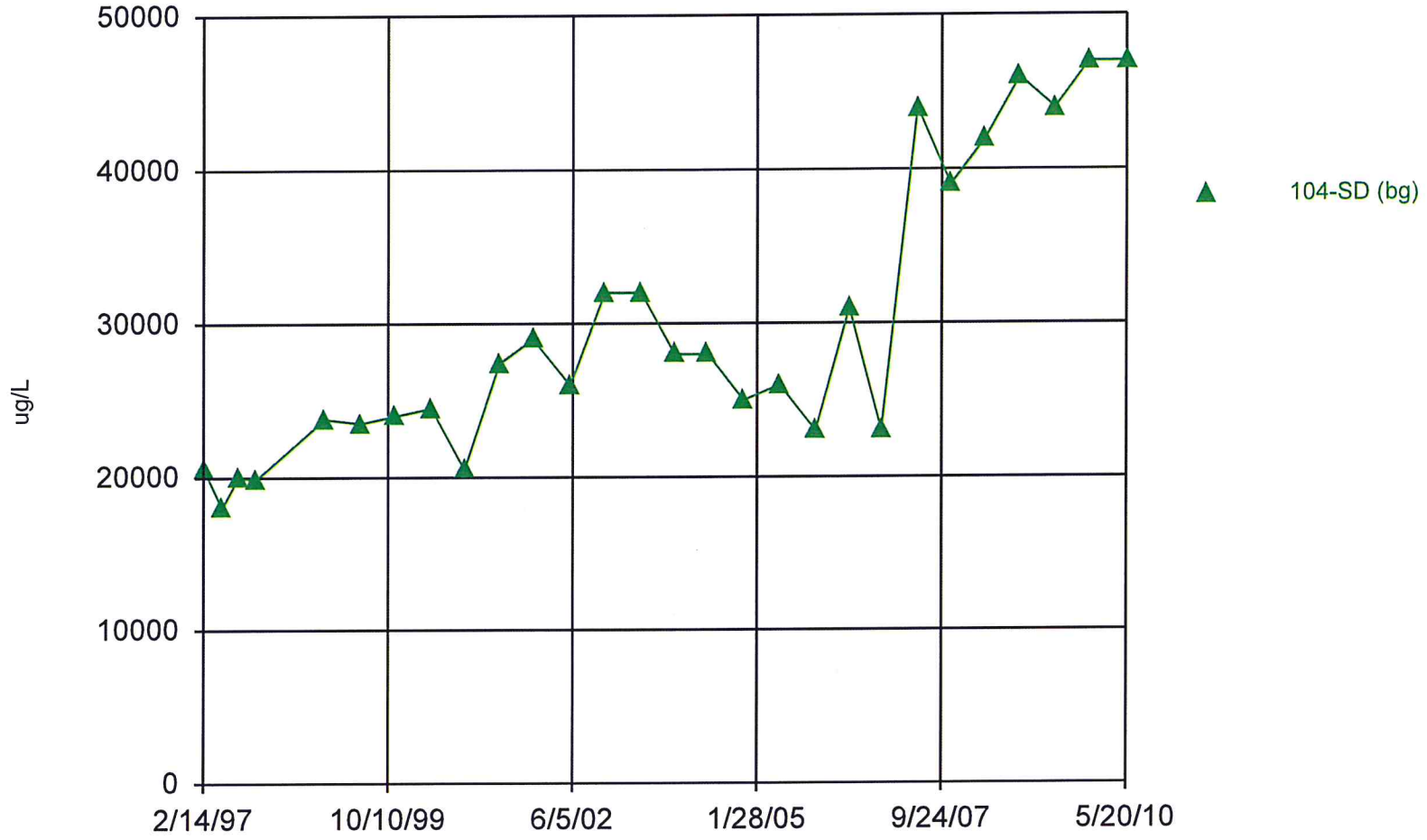


Constituent: Silver Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

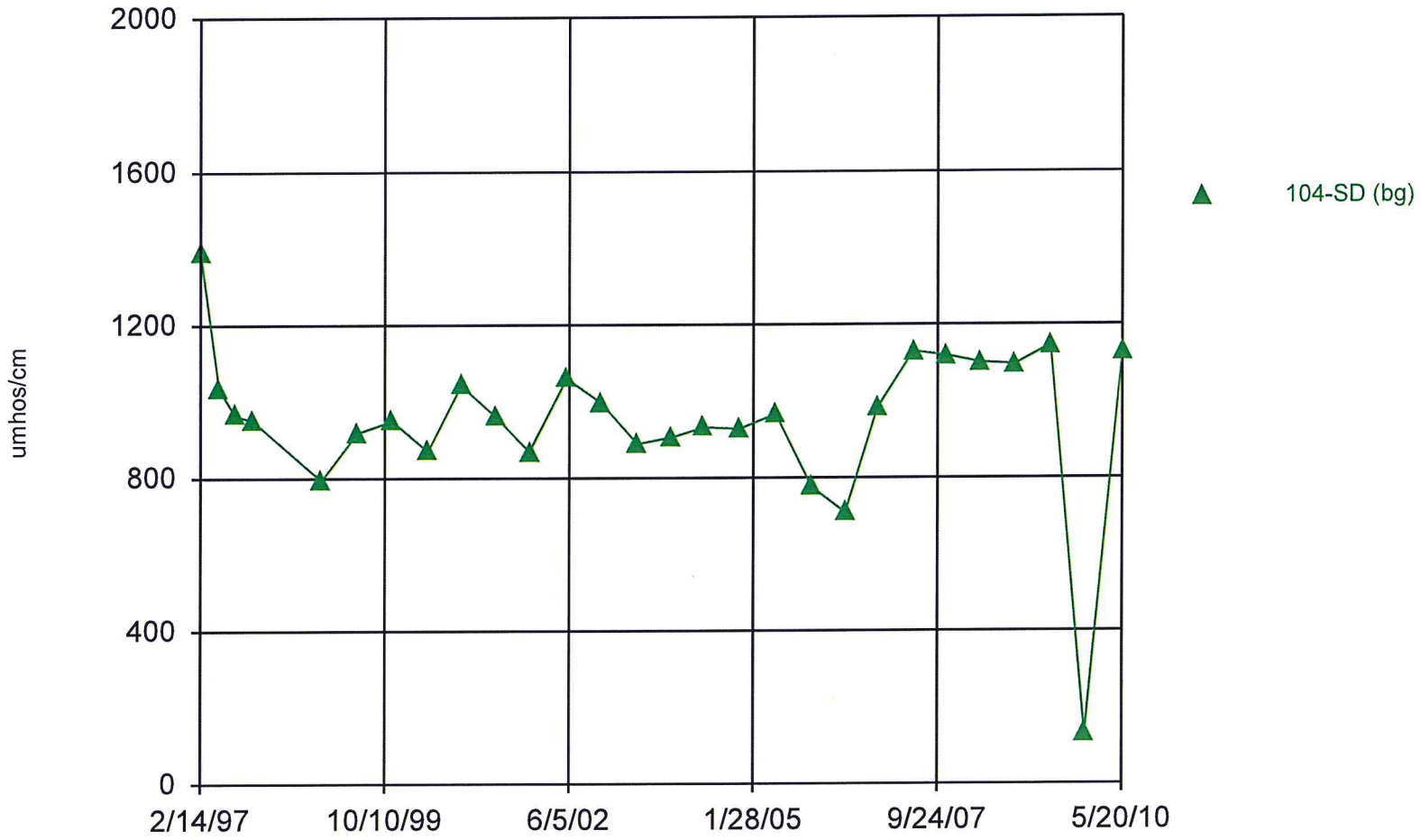


Constituent: Sodium Total Analysis Run 10/21/2010 4:05 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

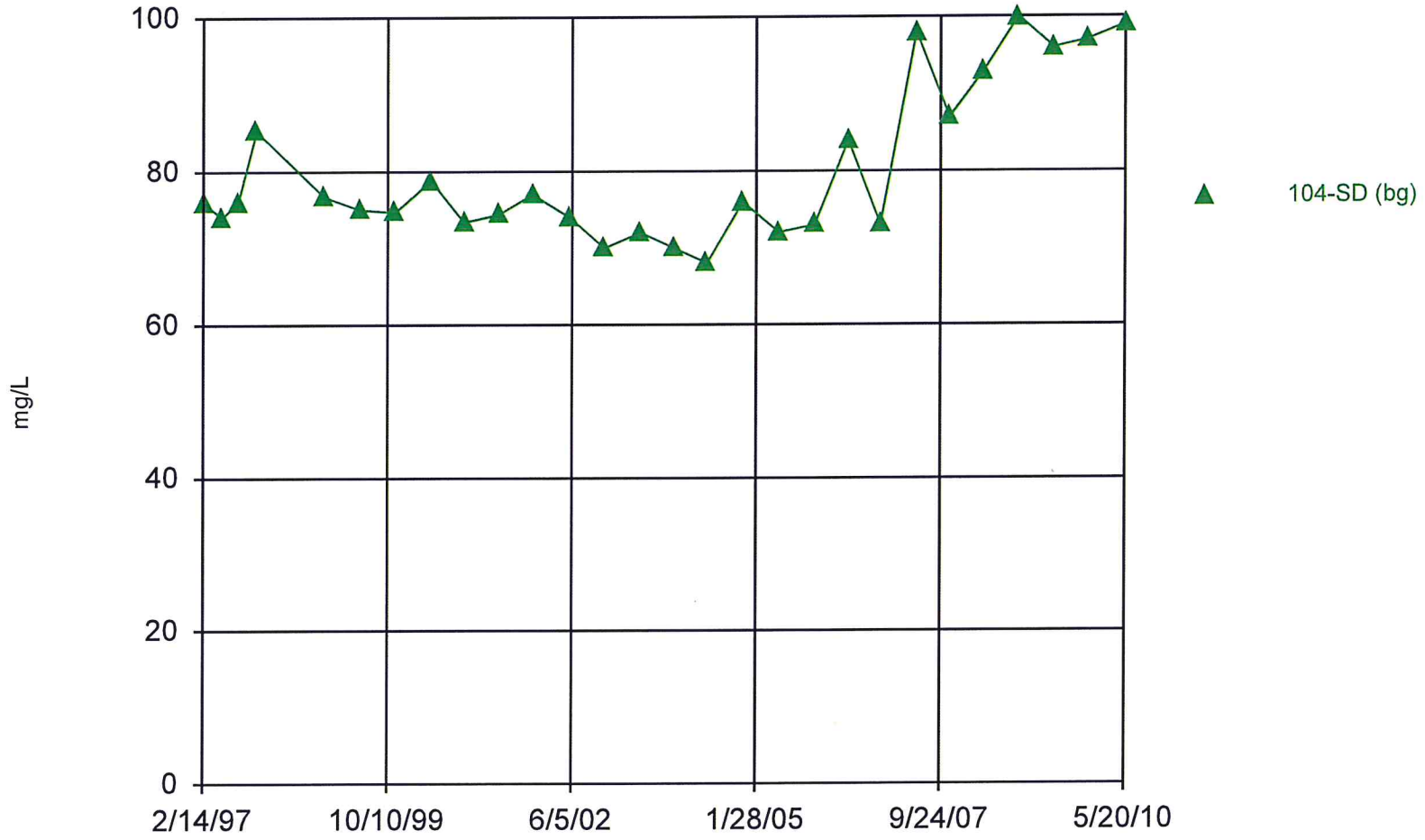


Constituent: Specific Conductance [Field] Analysis Run 10/21/2010 4:06 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

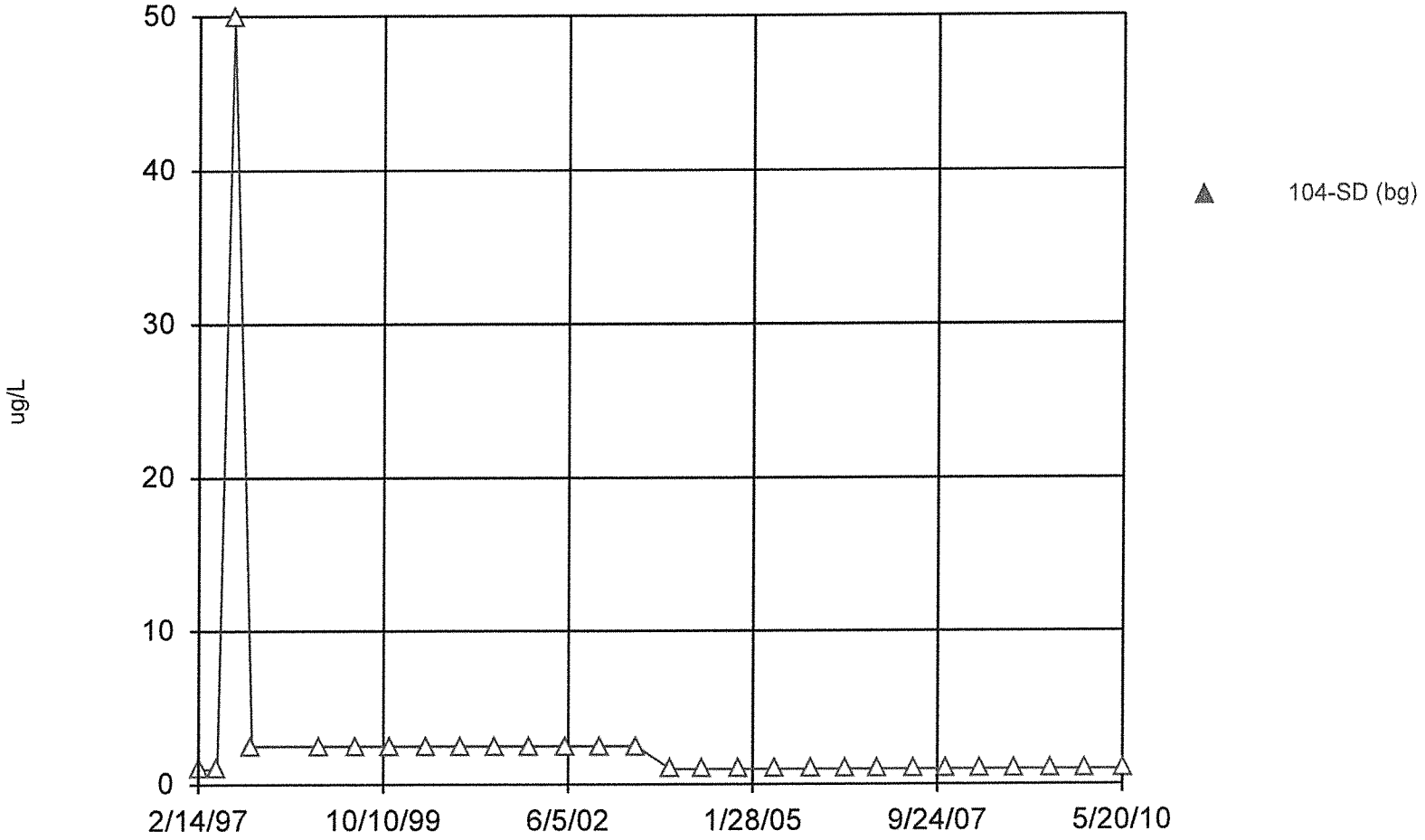


Constituent: Sulfate as SO4 Analysis Run 10/21/2010 4:06 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

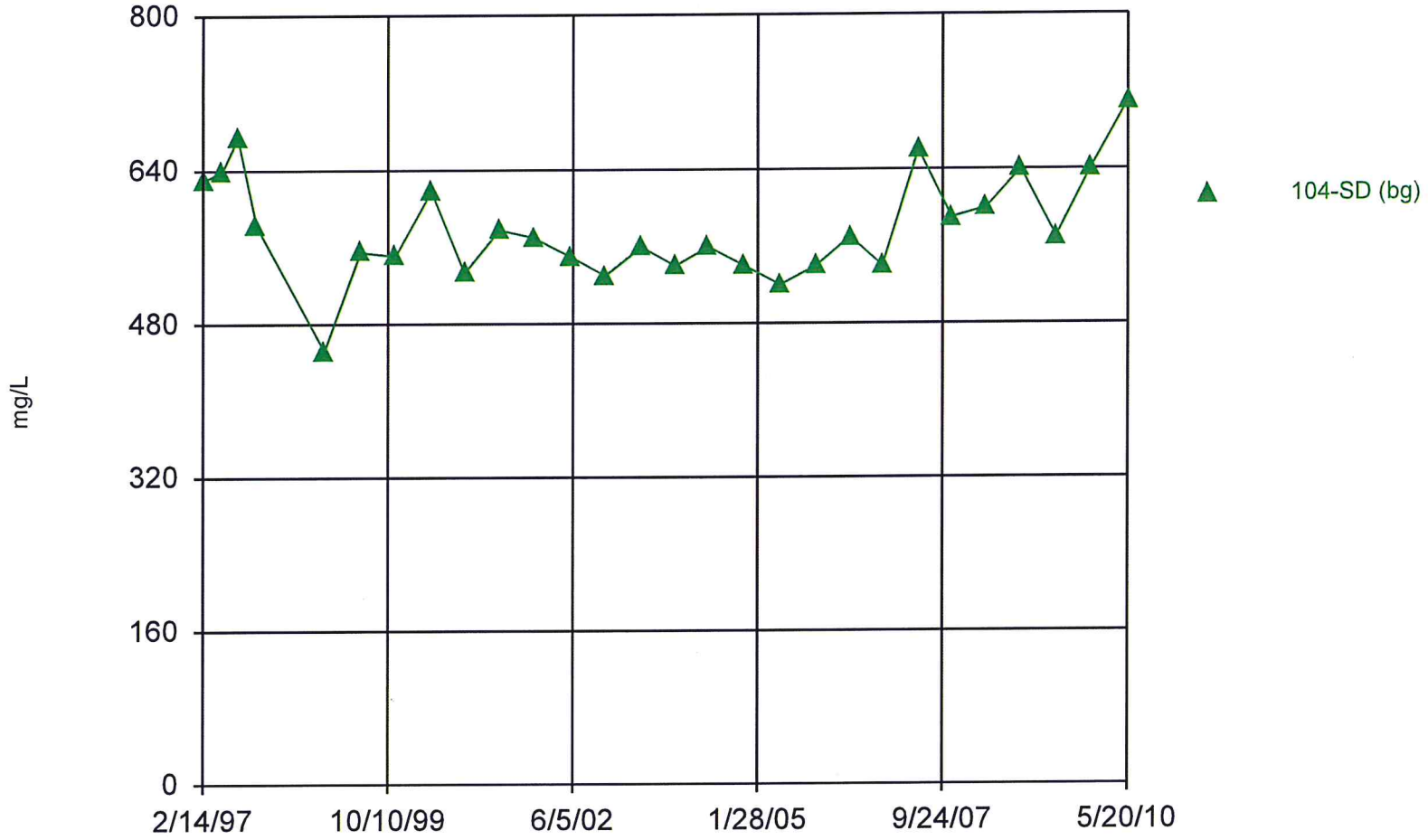


Constituent: Thallium Total Analysis Run 10/21/2010 4:06 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

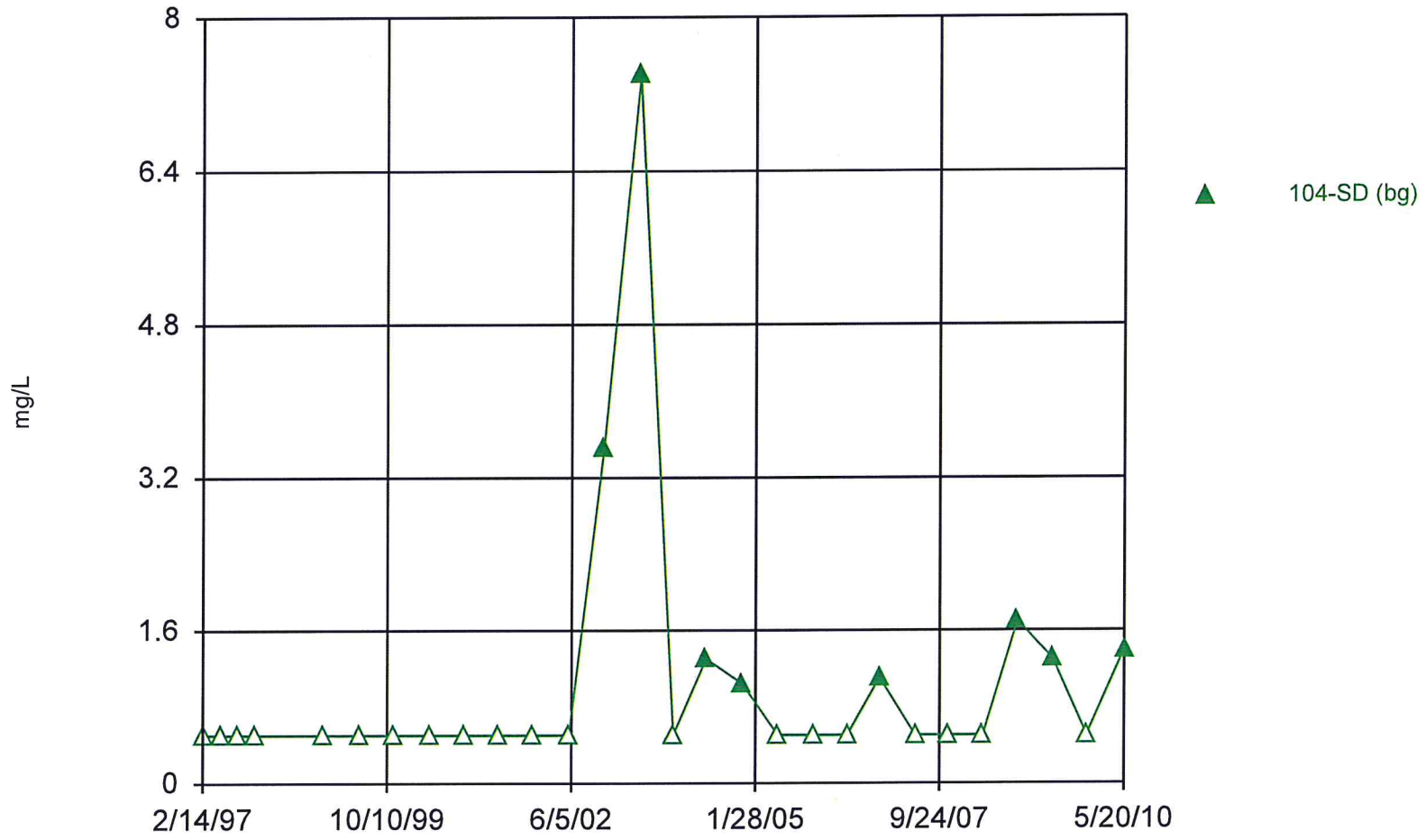


Constituent: Total Dissolved Solids [TDS] Analysis Run 10/21/2010 4:06 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

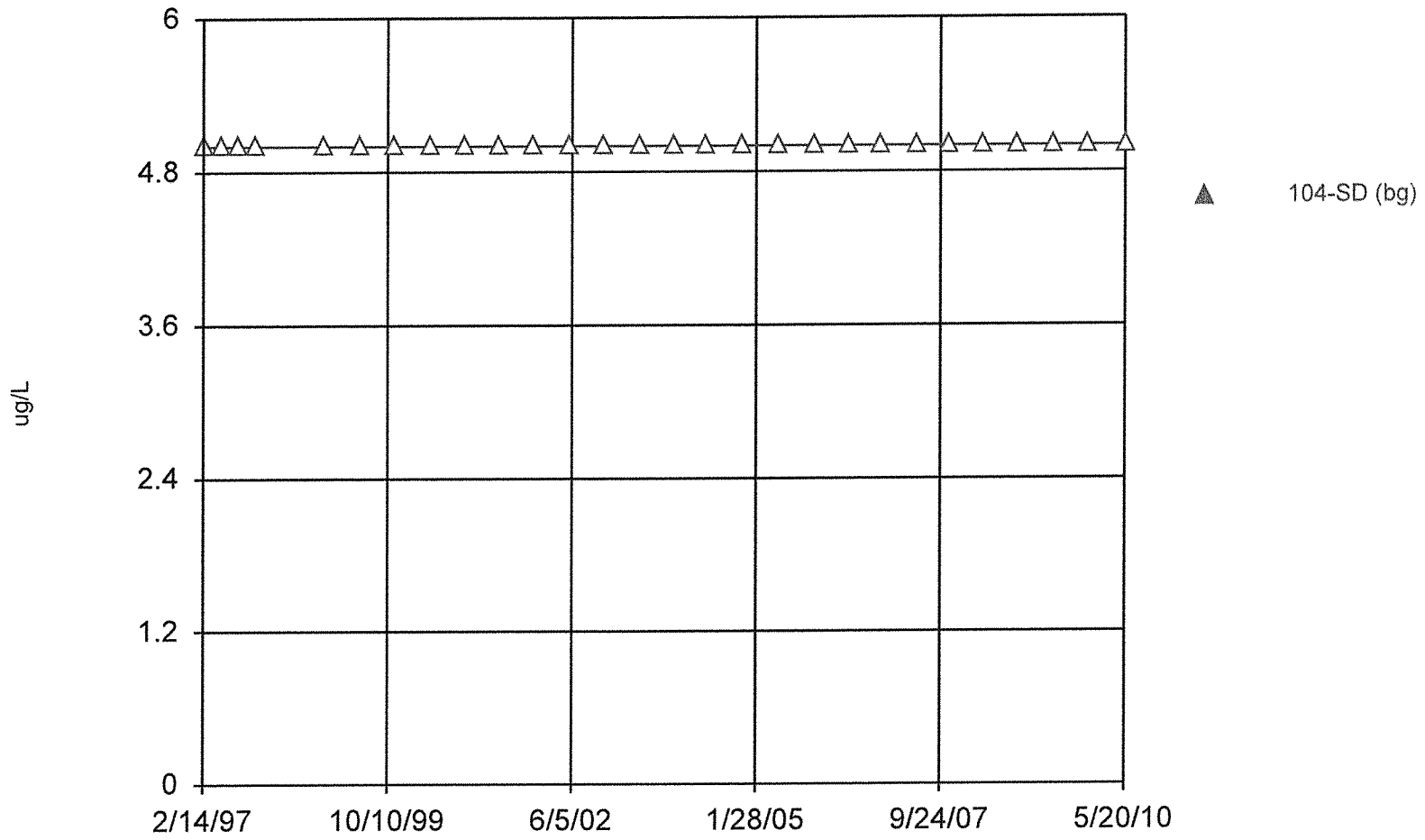


Constituent: Total Organic Carbon [TOC] Analysis Run 10/21/2010 4:06 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

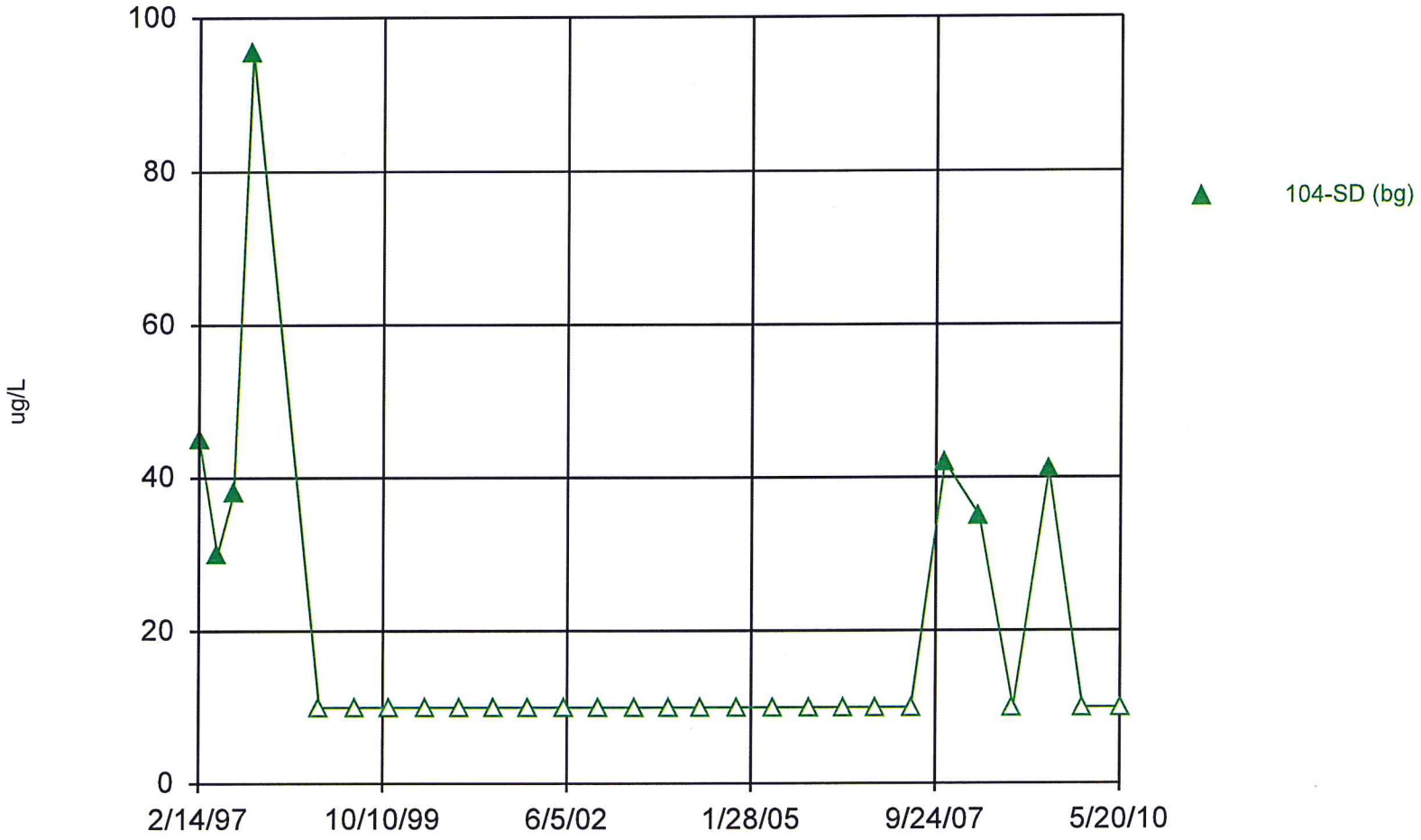


Constituent: Vanadium Total Analysis Run 10/21/2010 4:06 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

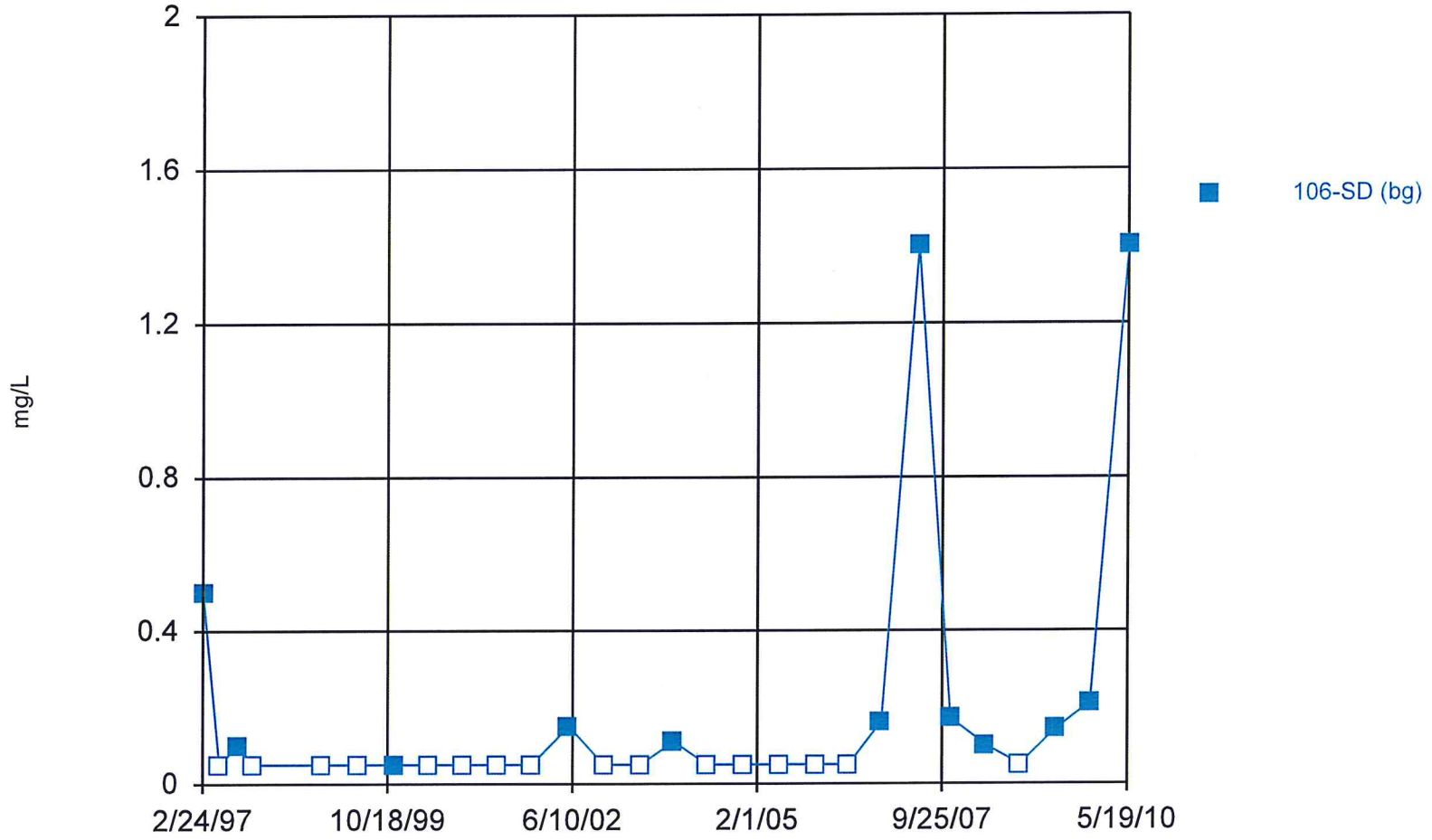


Constituent: Zinc Total Analysis Run 10/21/2010 4:06 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

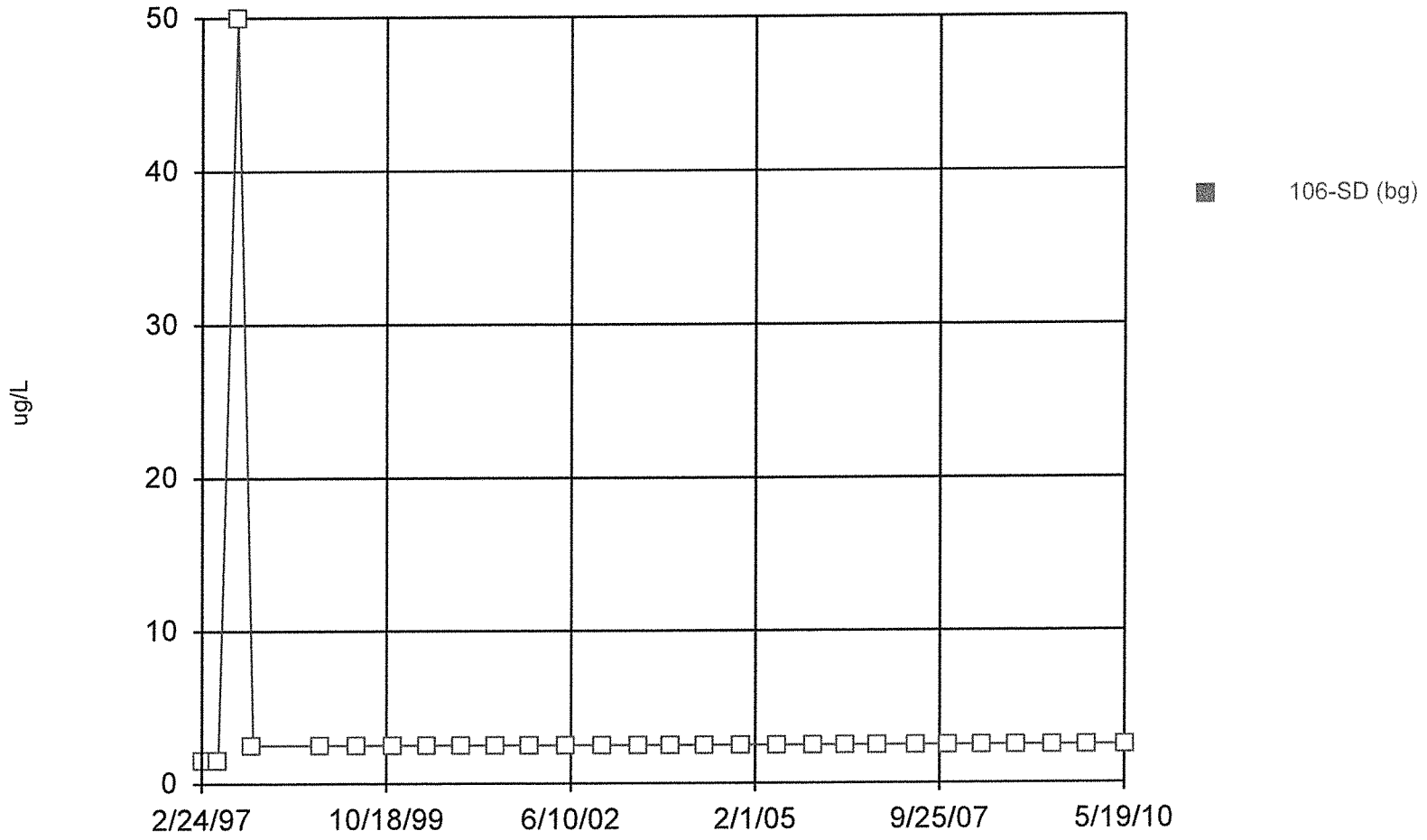


Constituent: Ammonia as N Analysis Run 10/22/2010 2:31 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

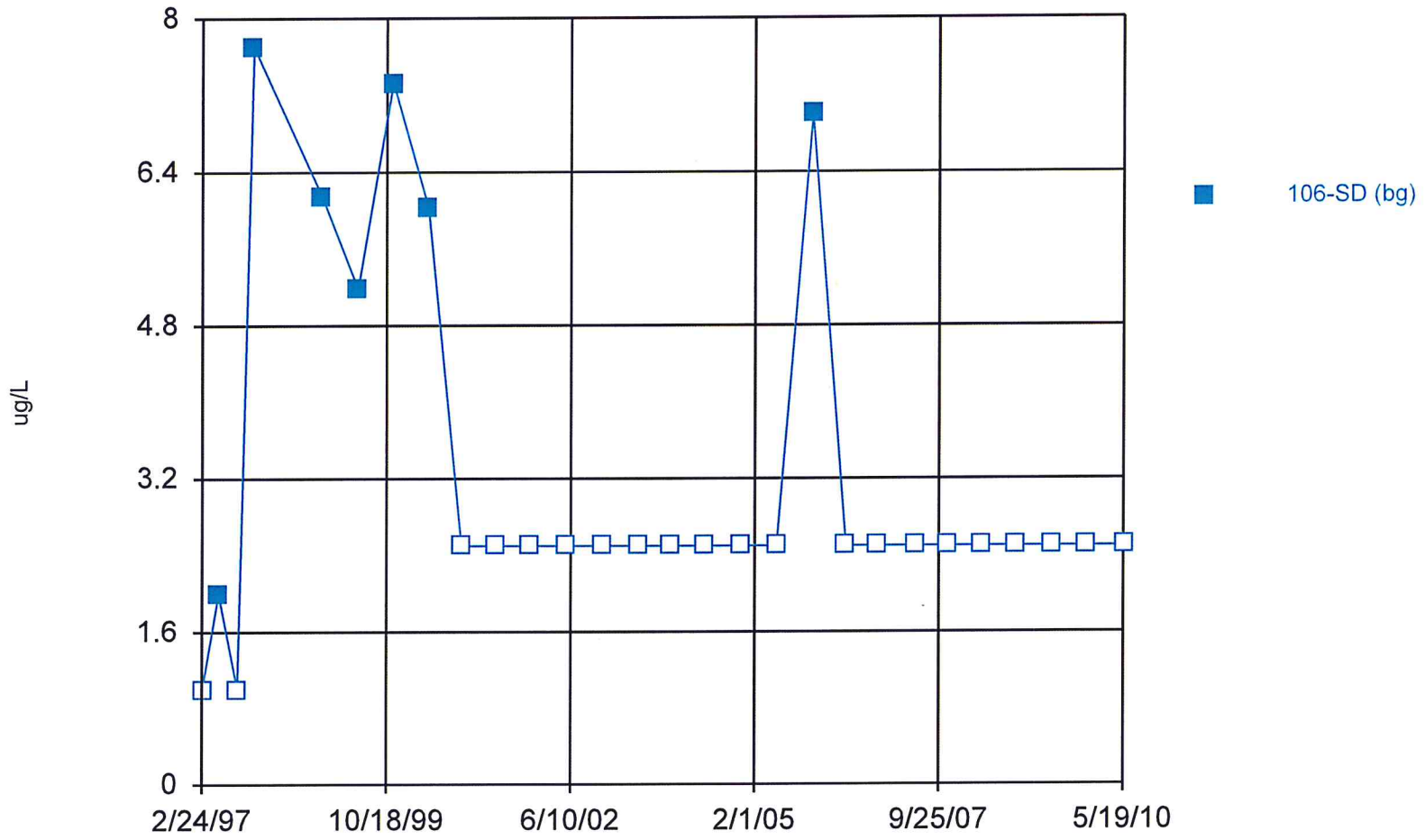


Constituent: Antimony Total Analysis Run 10/22/2010 2:31 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

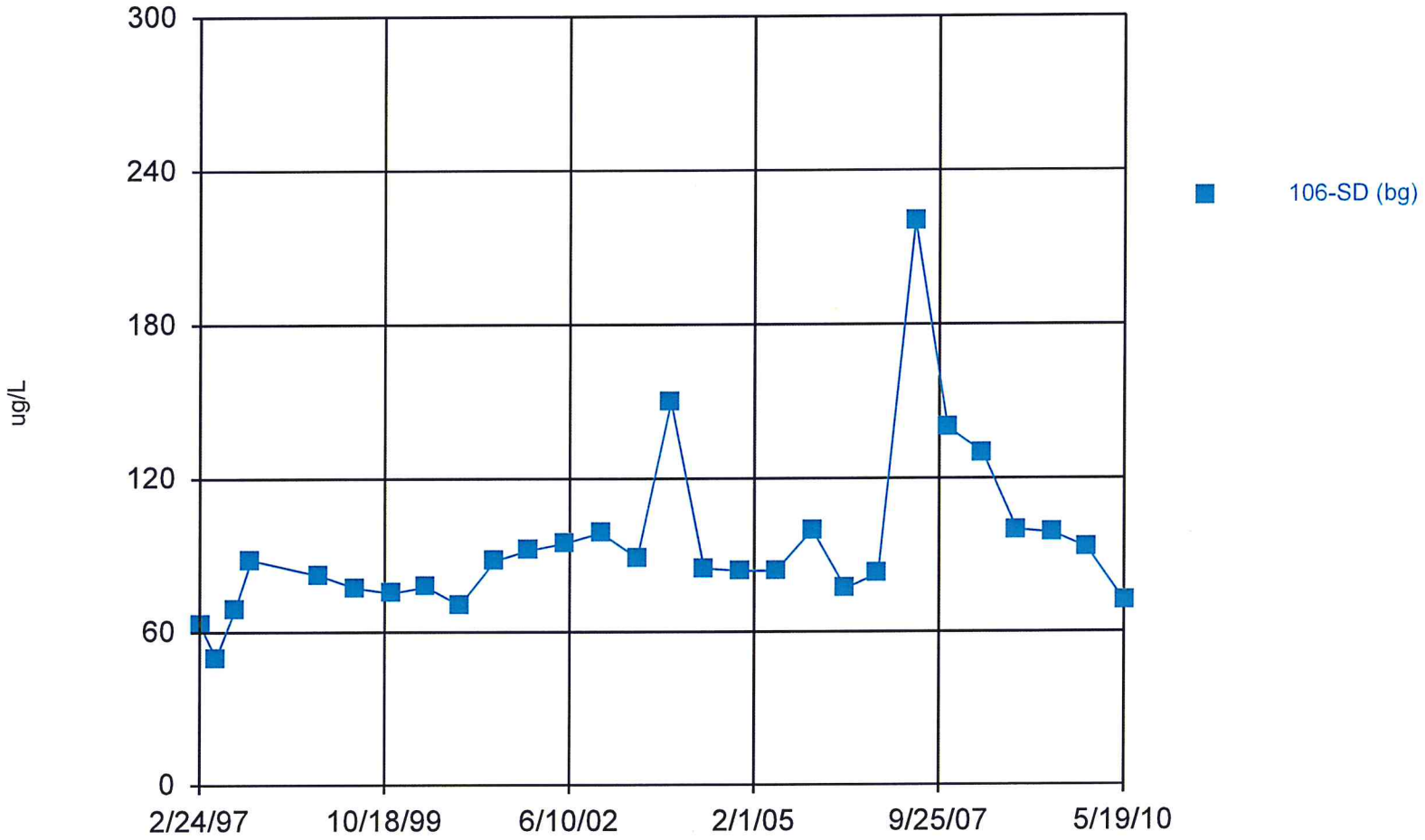


Constituent: Arsenic Total Analysis Run 10/22/2010 2:31 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

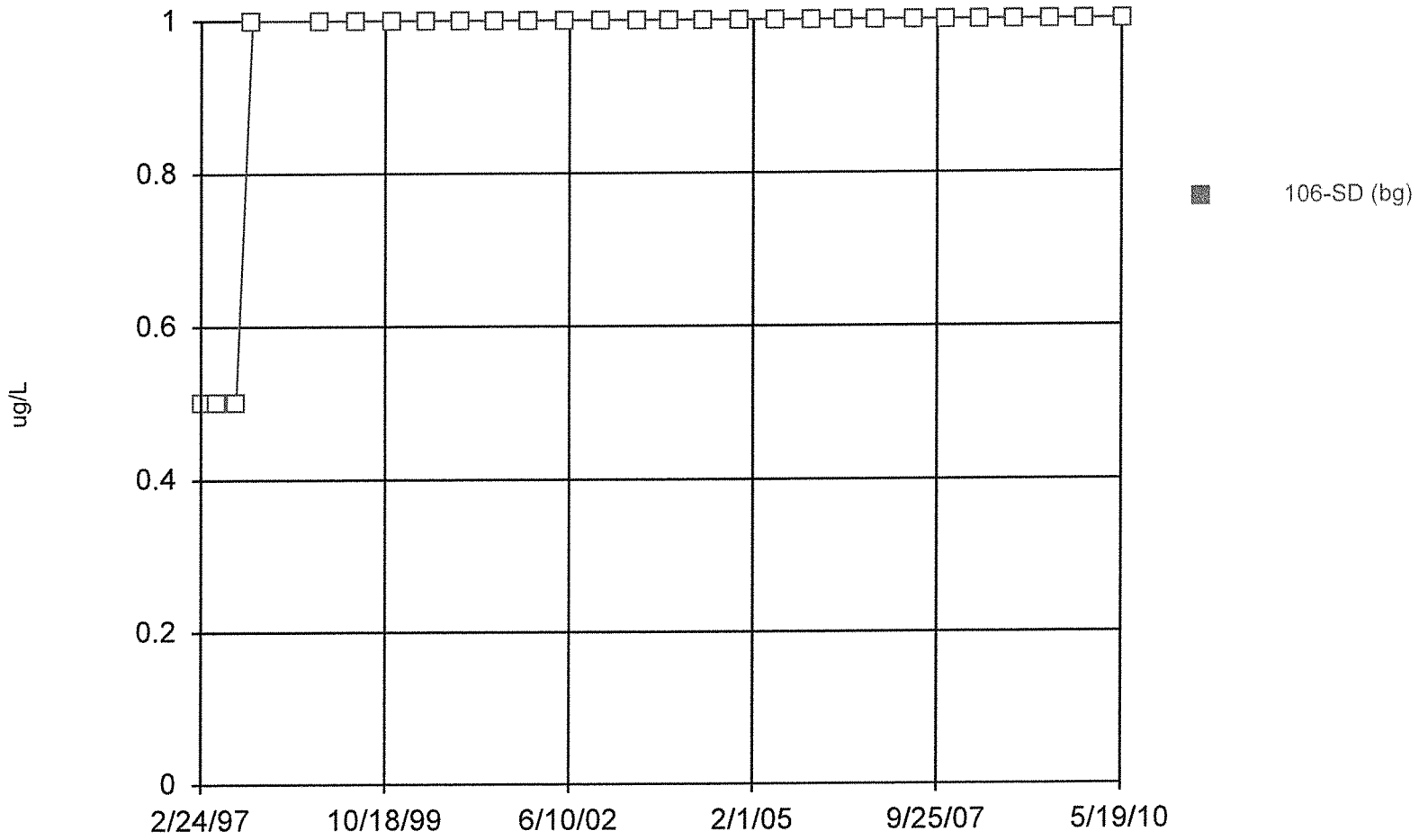


Constituent: Barium Total Analysis Run 10/22/2010 2:31 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

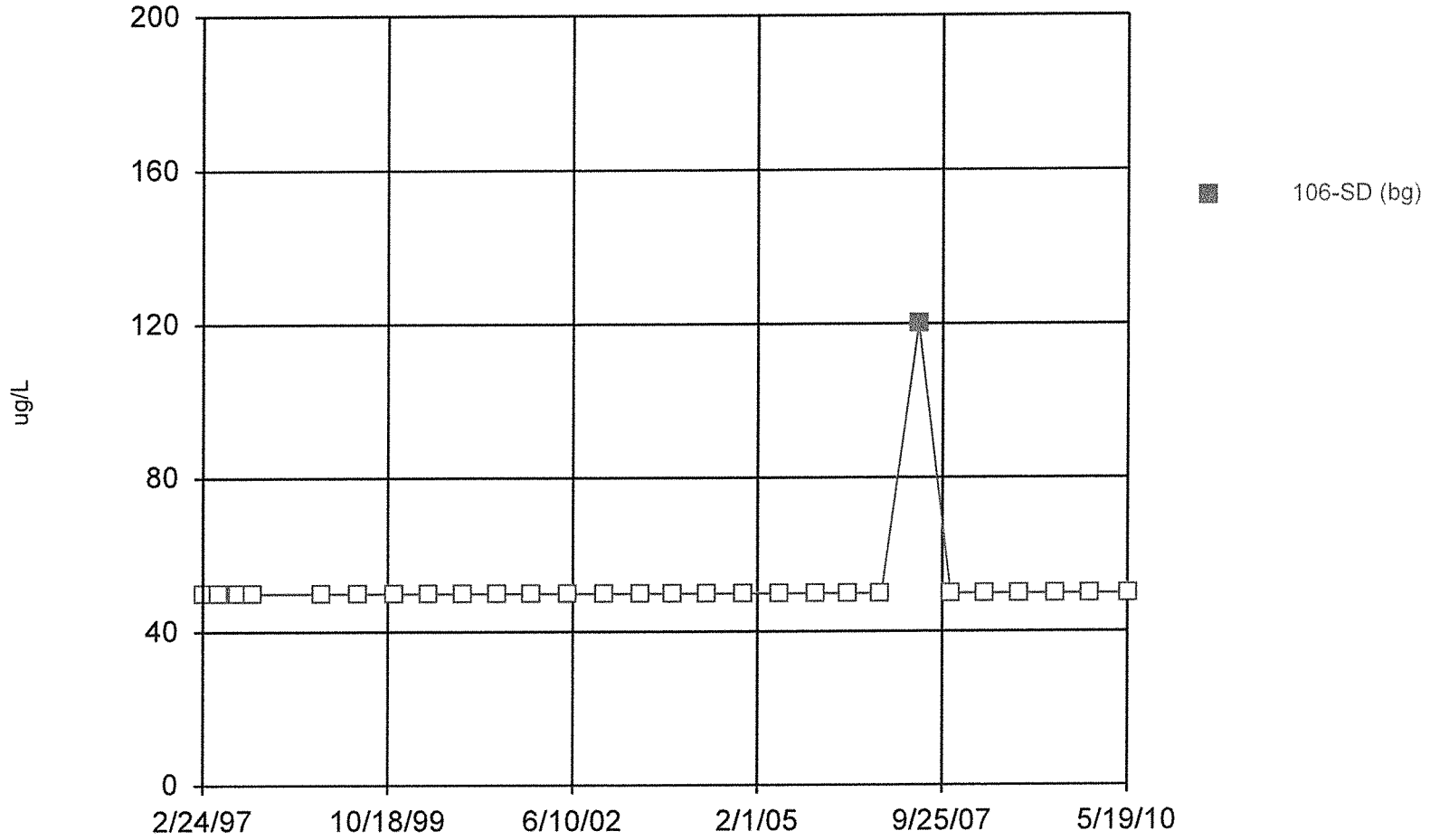


Constituent: Beryllium Total Analysis Run 10/22/2010 2:31 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

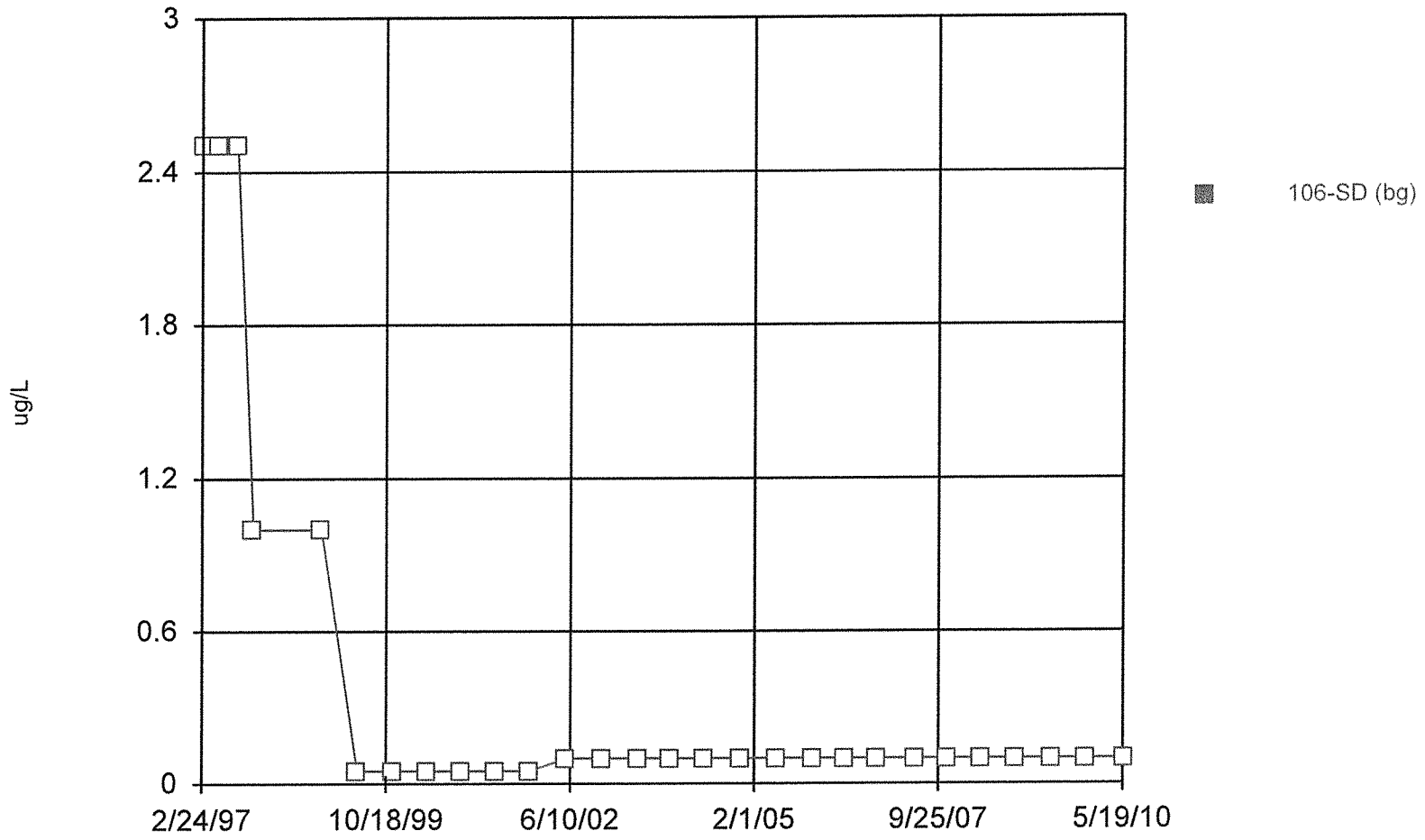


Constituent: Boron Total Analysis Run 10/22/2010 2:31 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

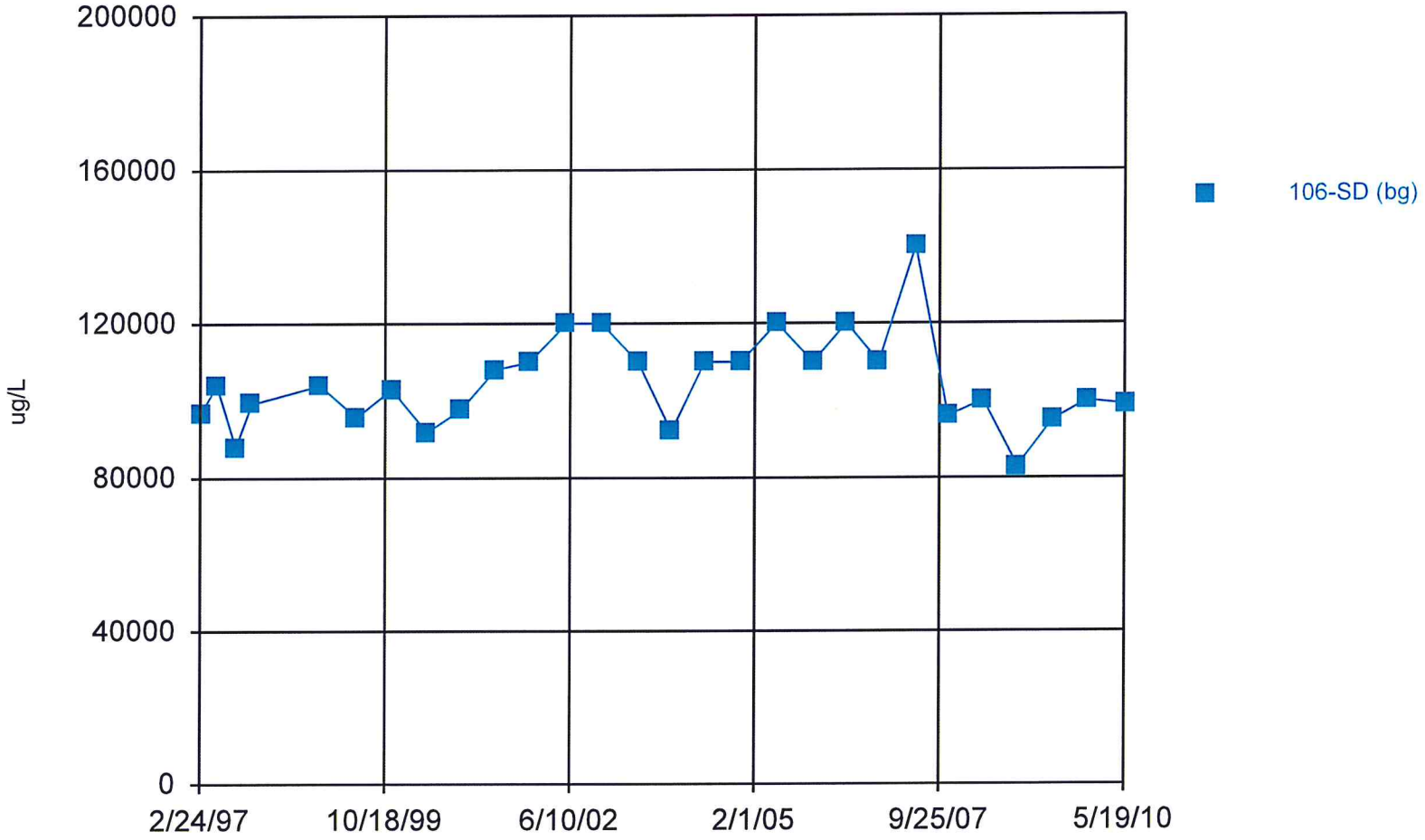


Constituent: Cadmium Total Analysis Run 10/22/2010 2:31 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

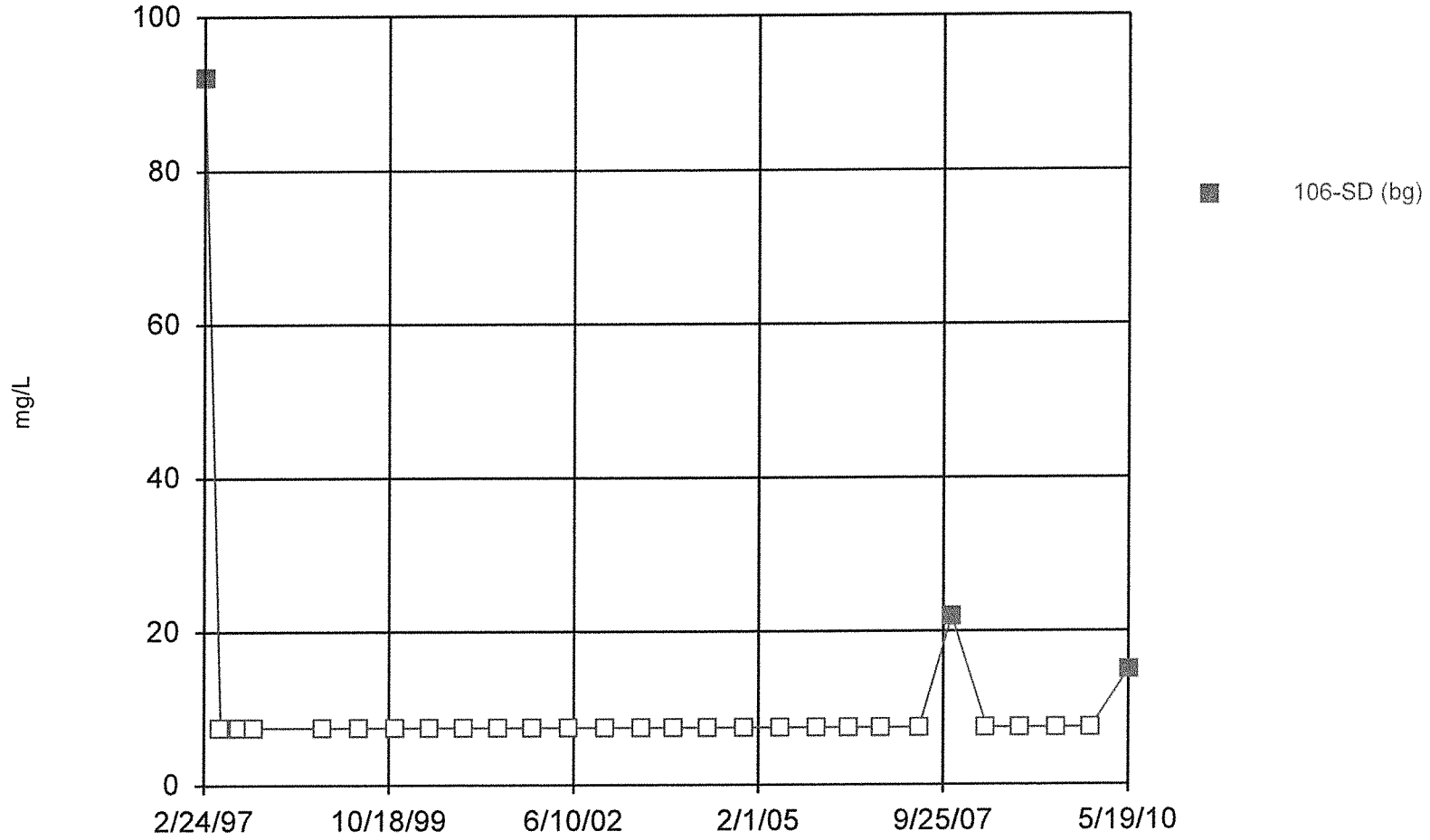


Constituent: Calcium Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

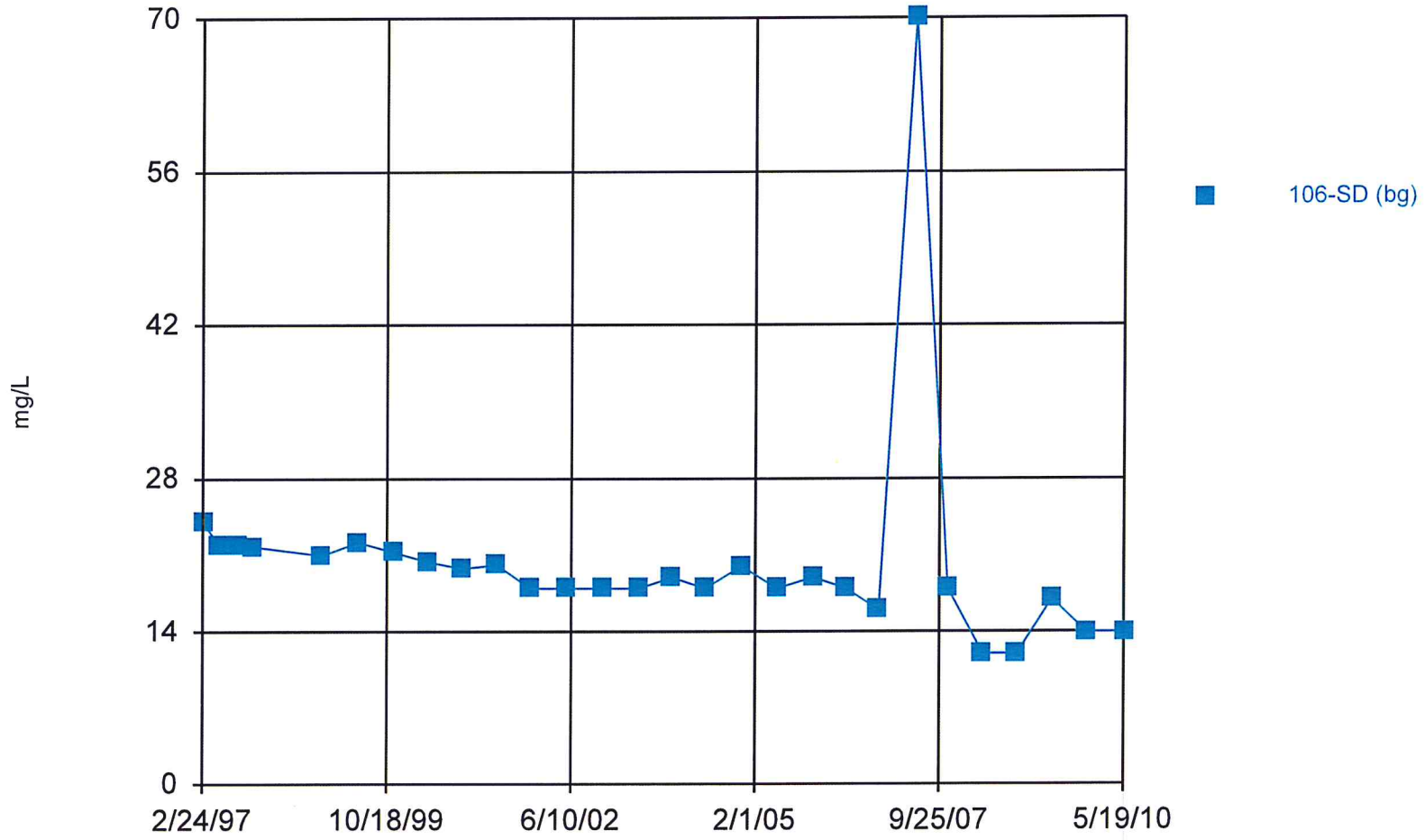


Constituent: Chemical Oxygen Demand [COD] Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

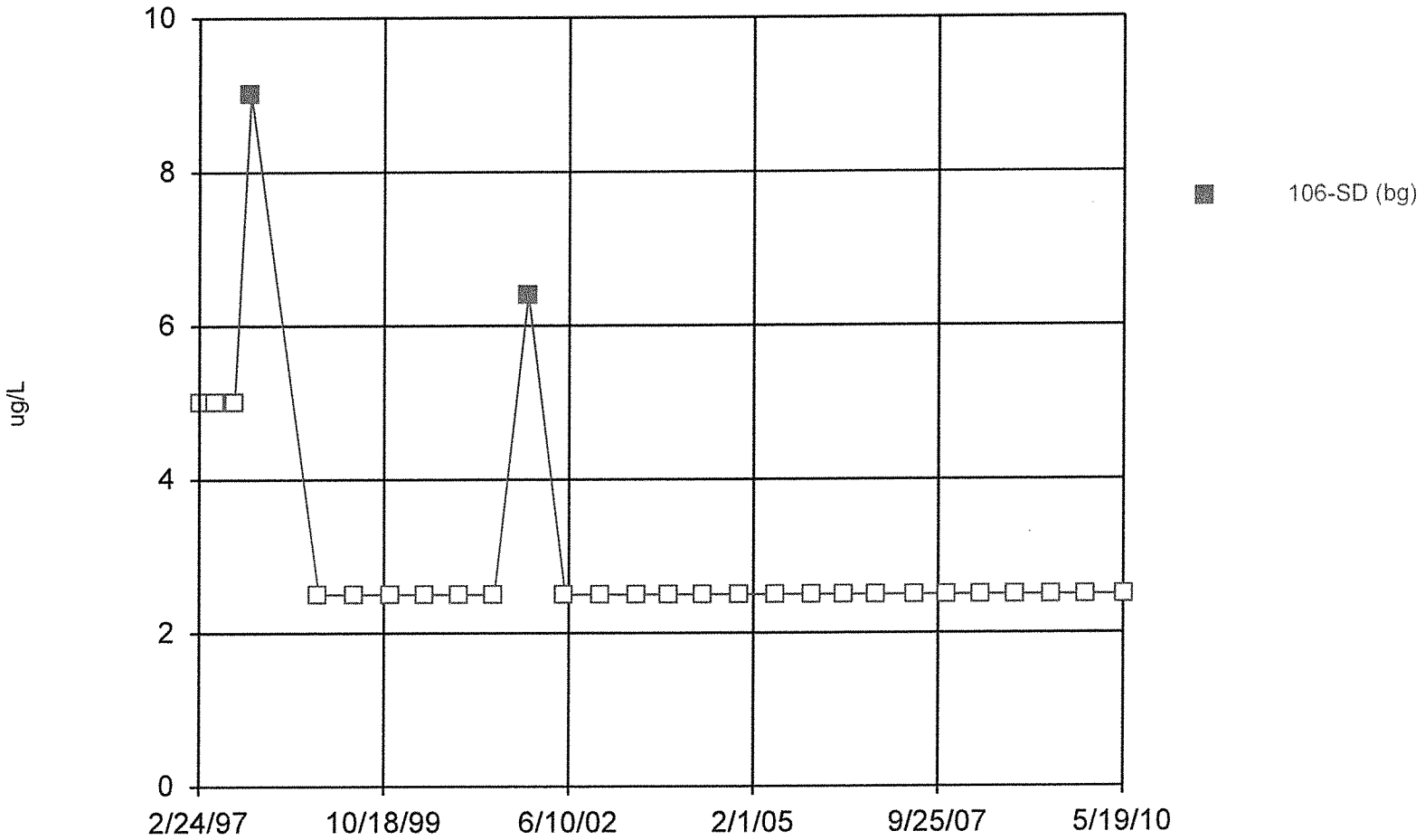


Constituent: Chloride Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

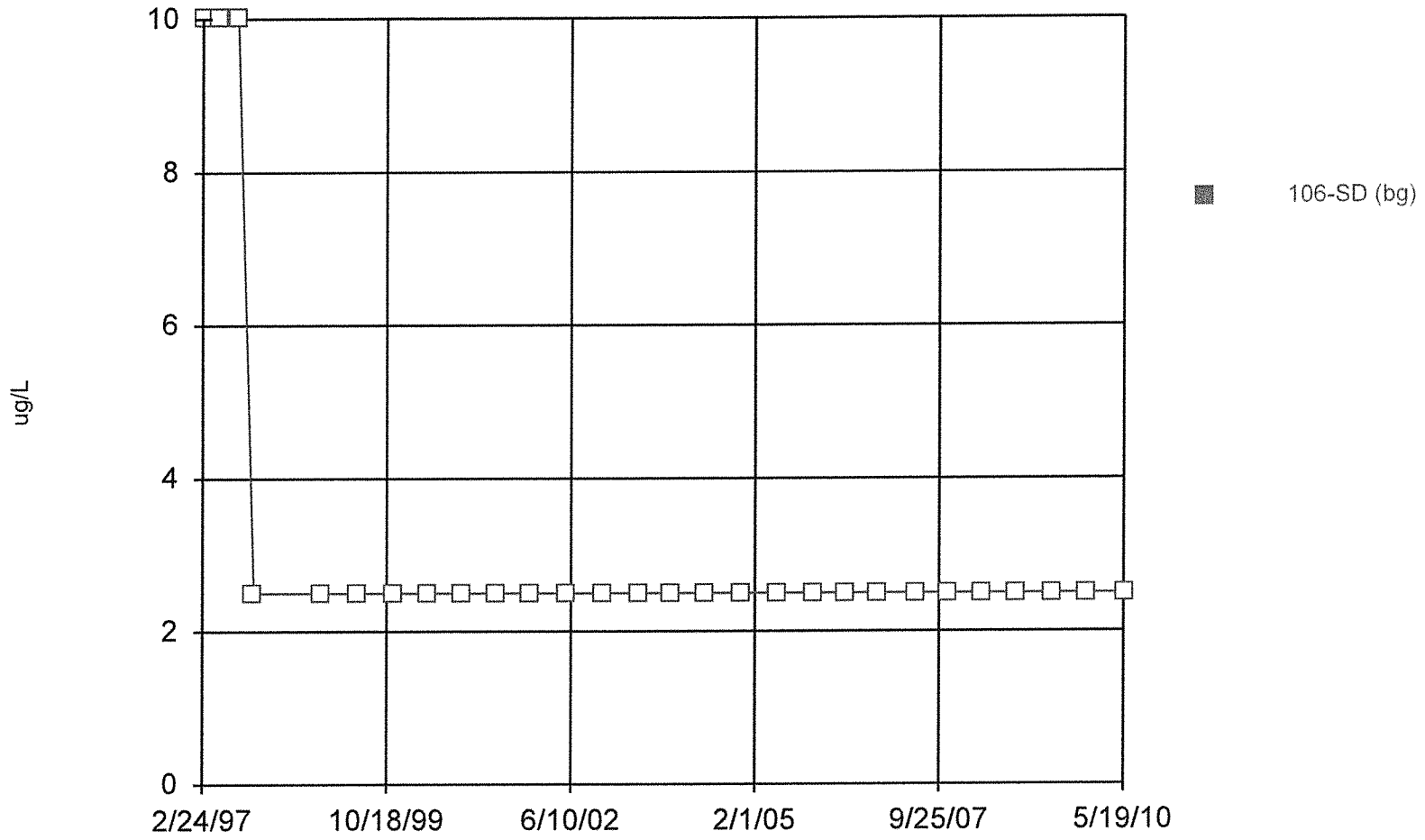


Constituent: Chromium Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

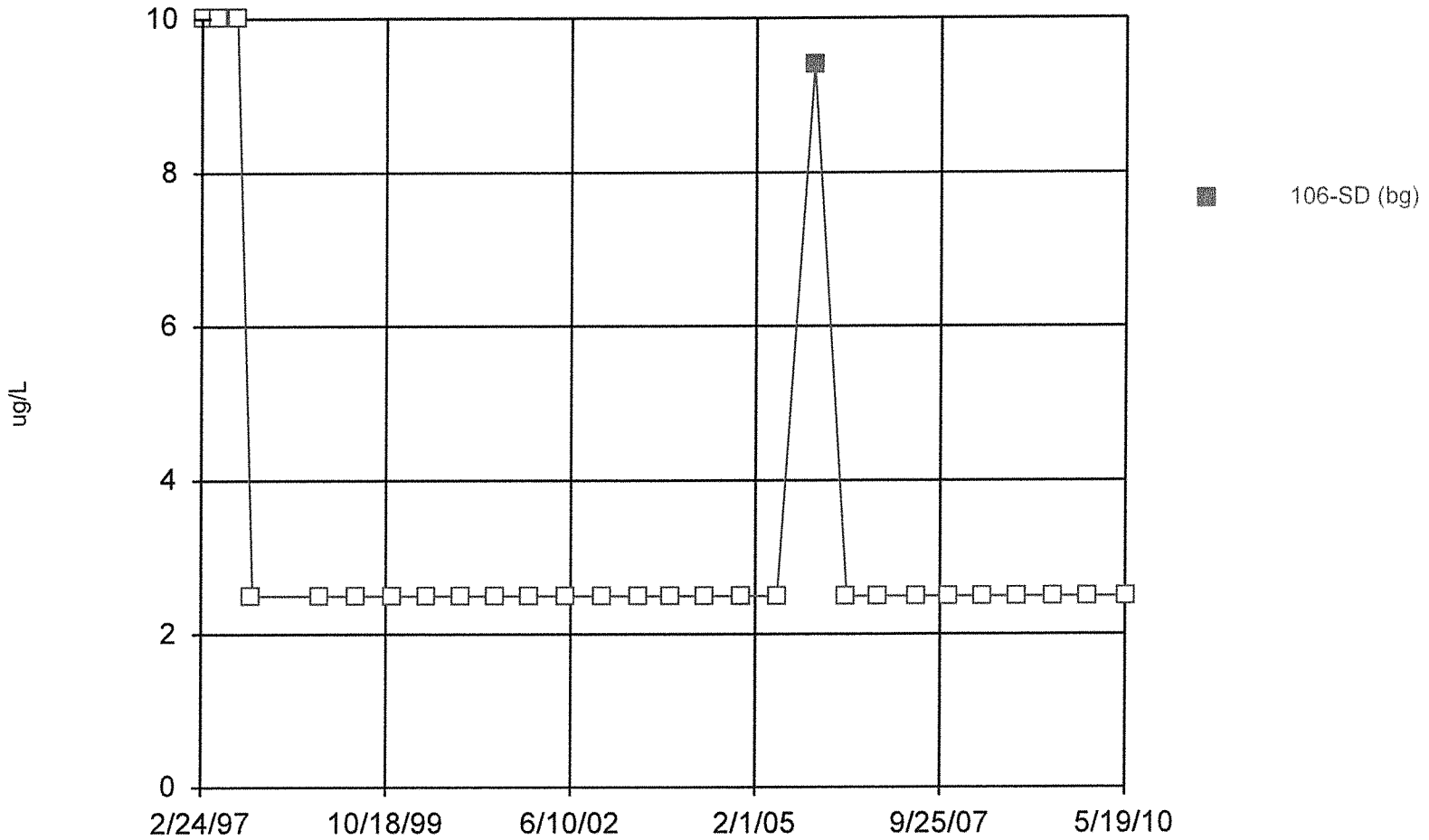


Constituent: Cobalt Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

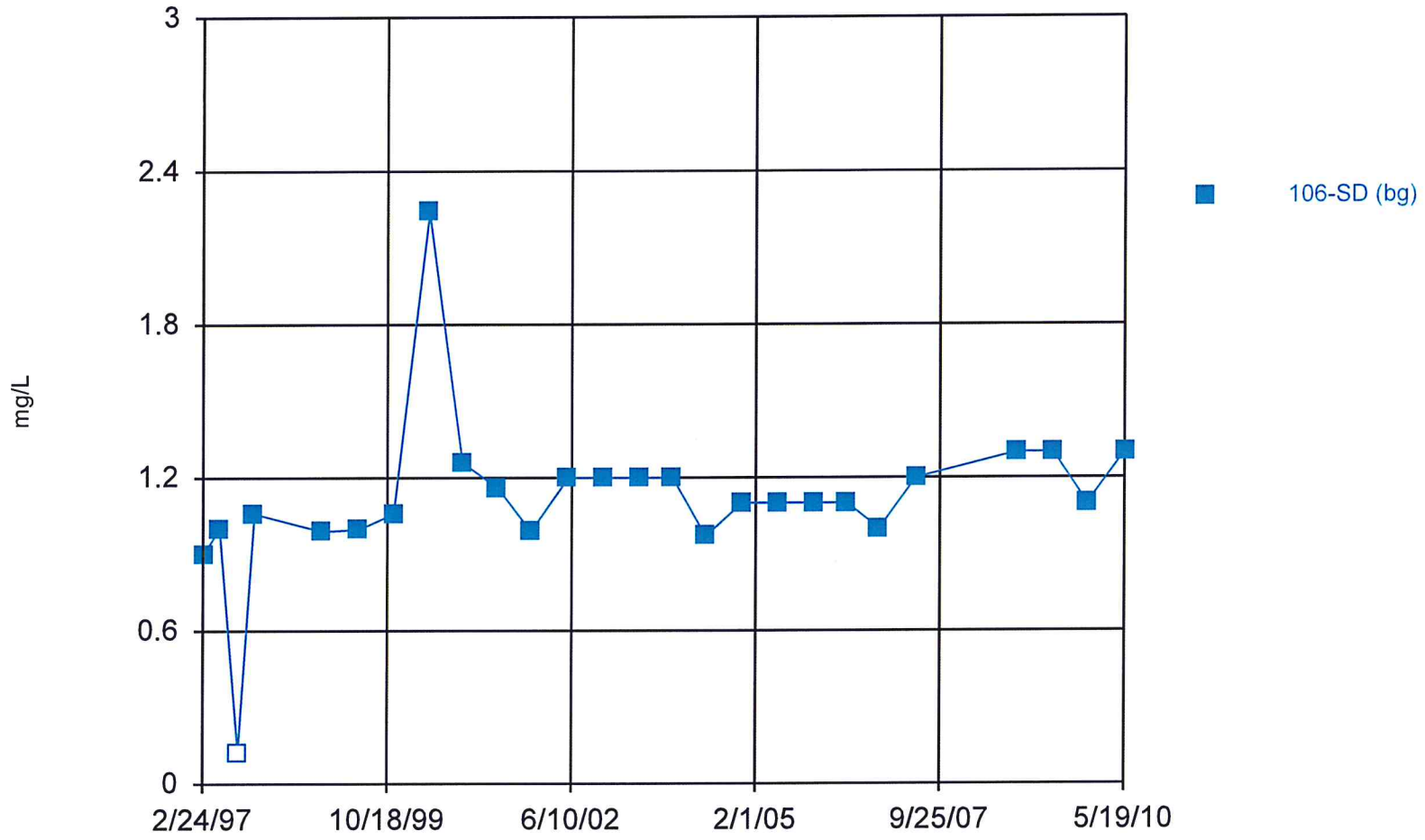


Constituent: Copper Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

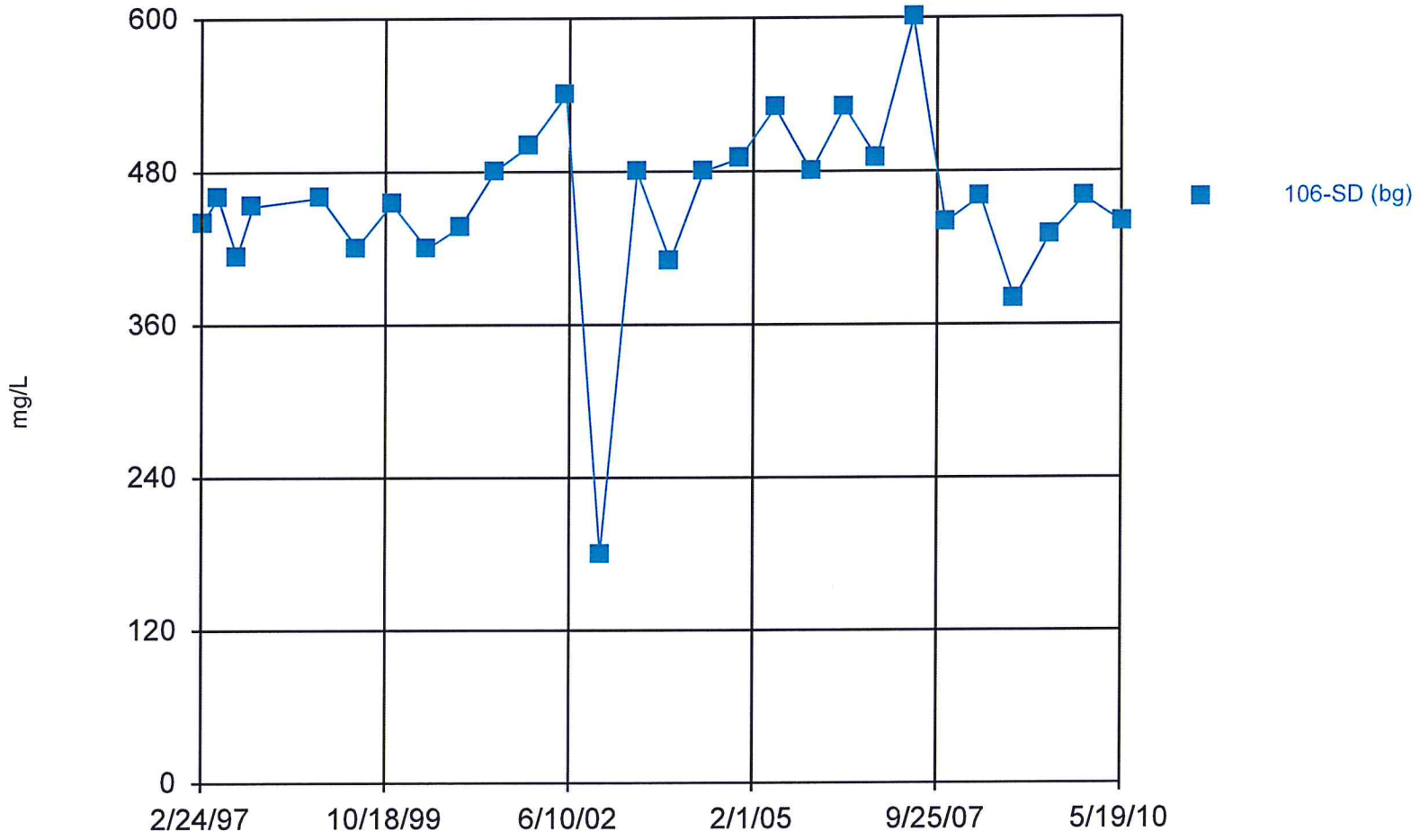


Constituent: Fluoride Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

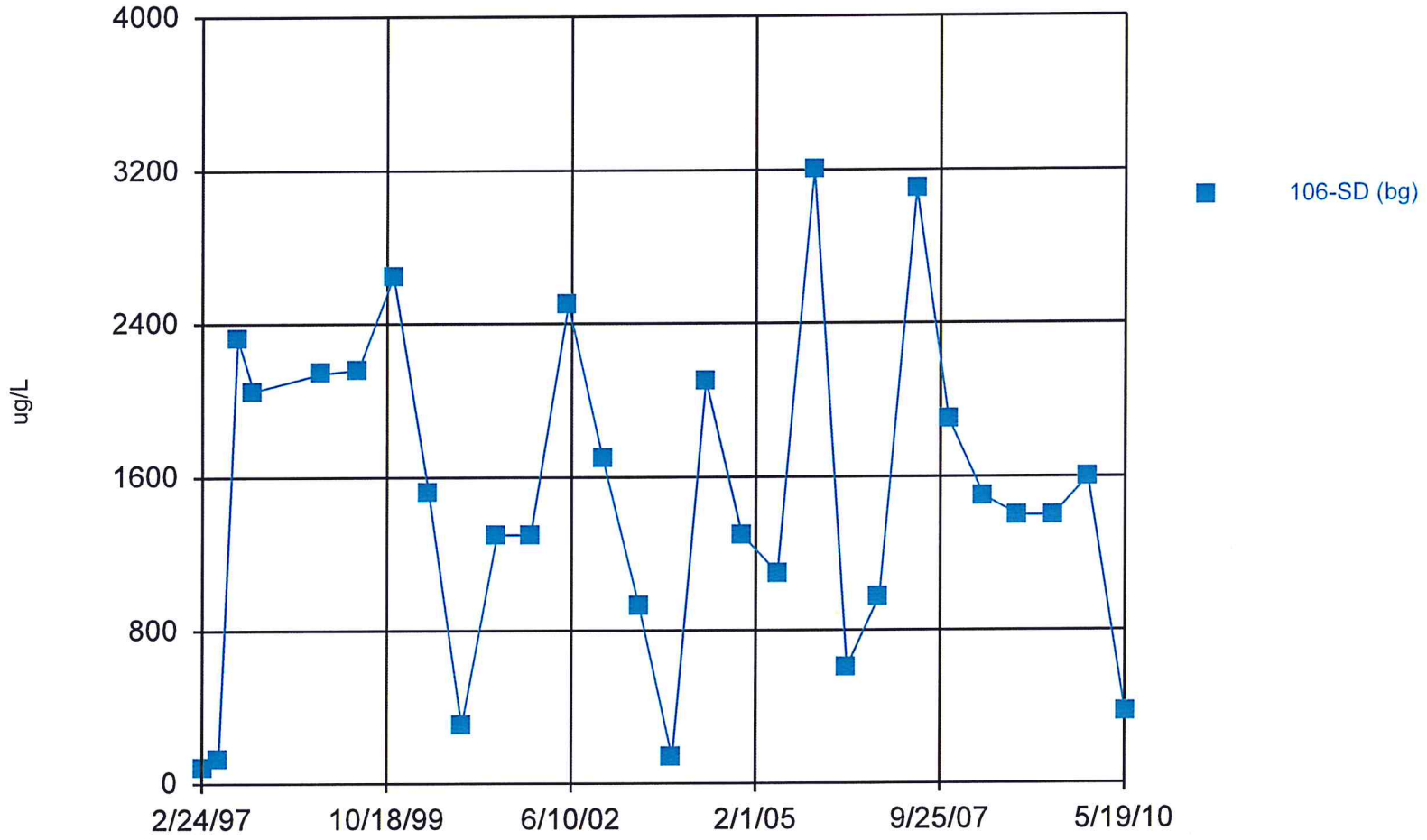


Constituent: Hardness Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

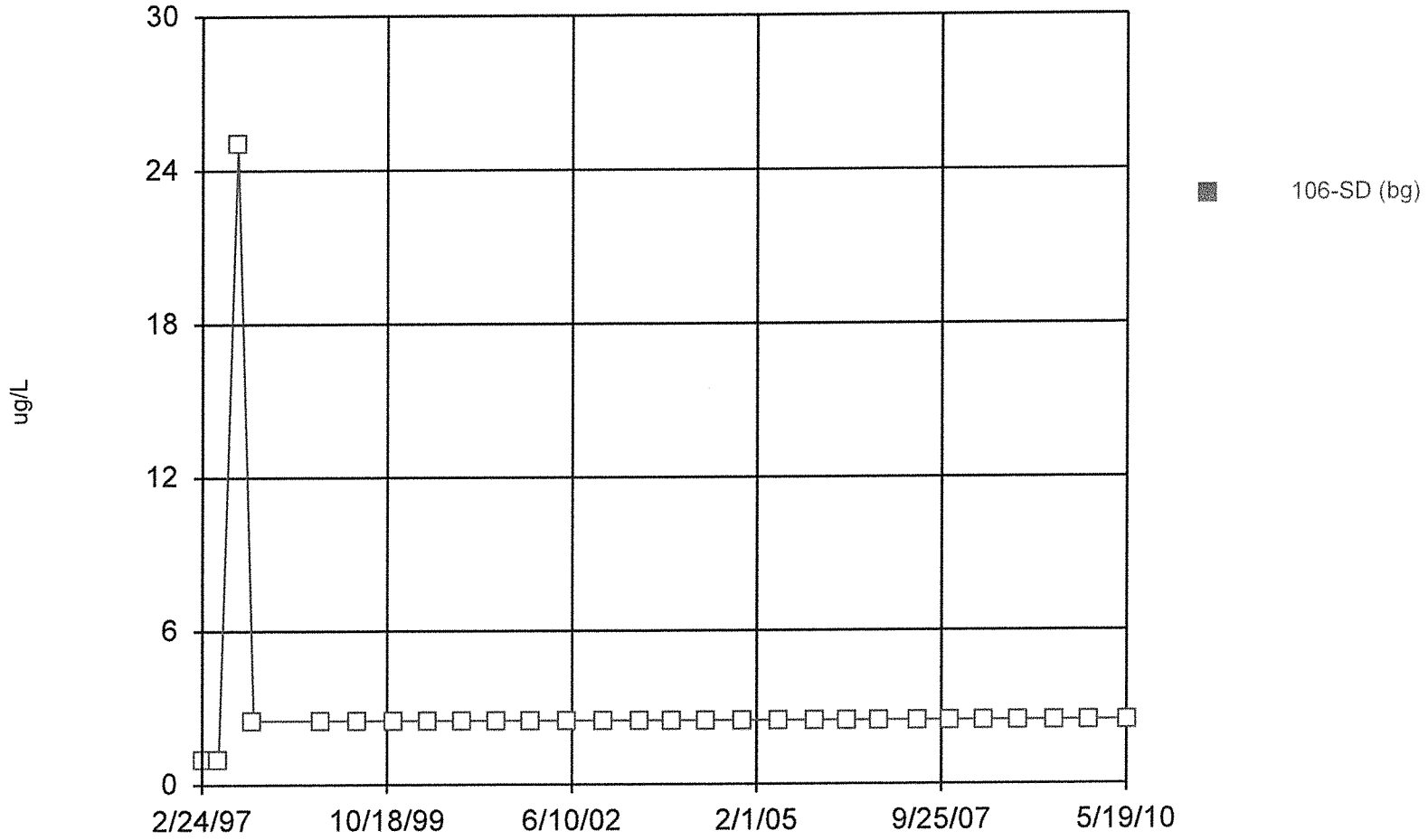


Constituent: Iron Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

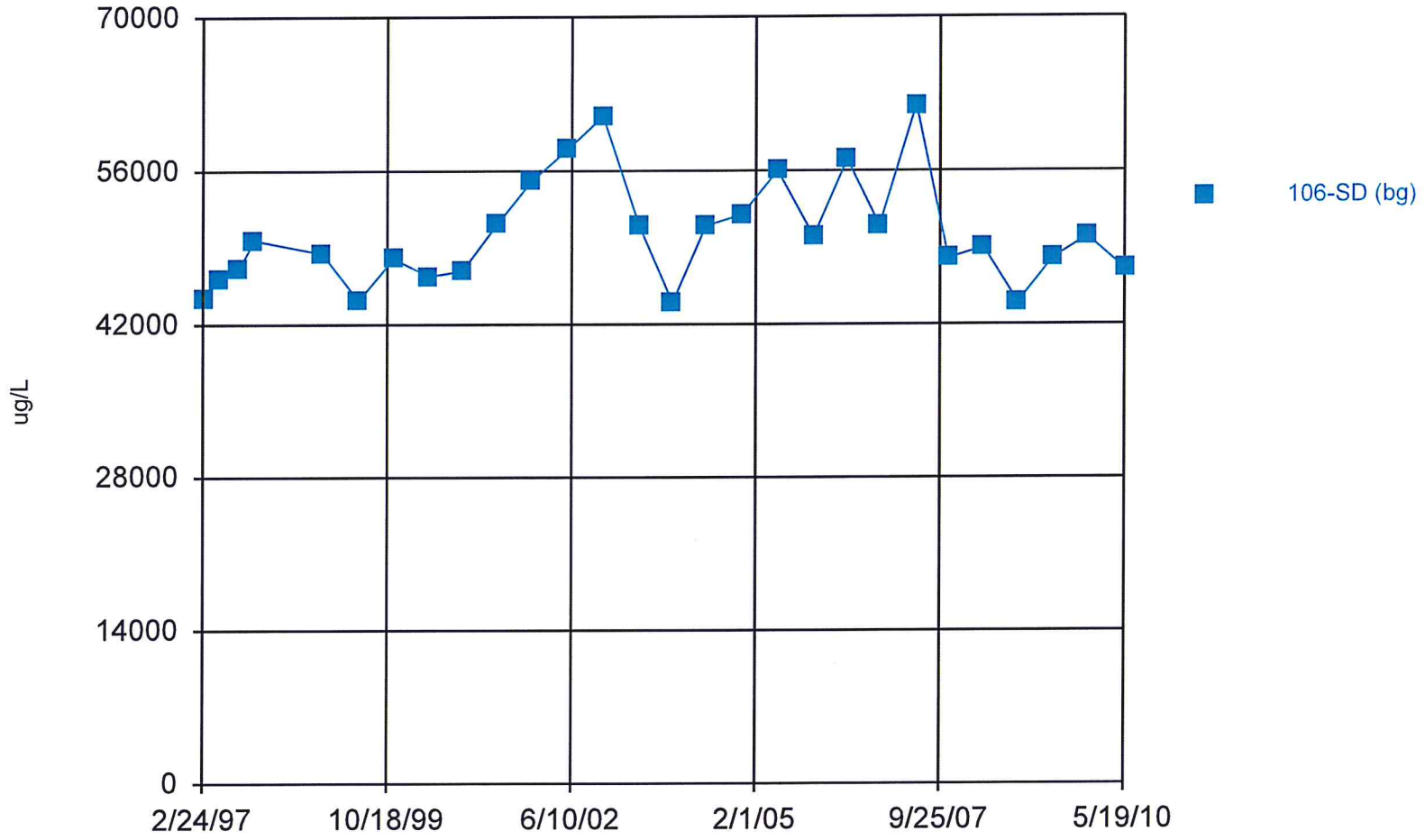


Constituent: Lead Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

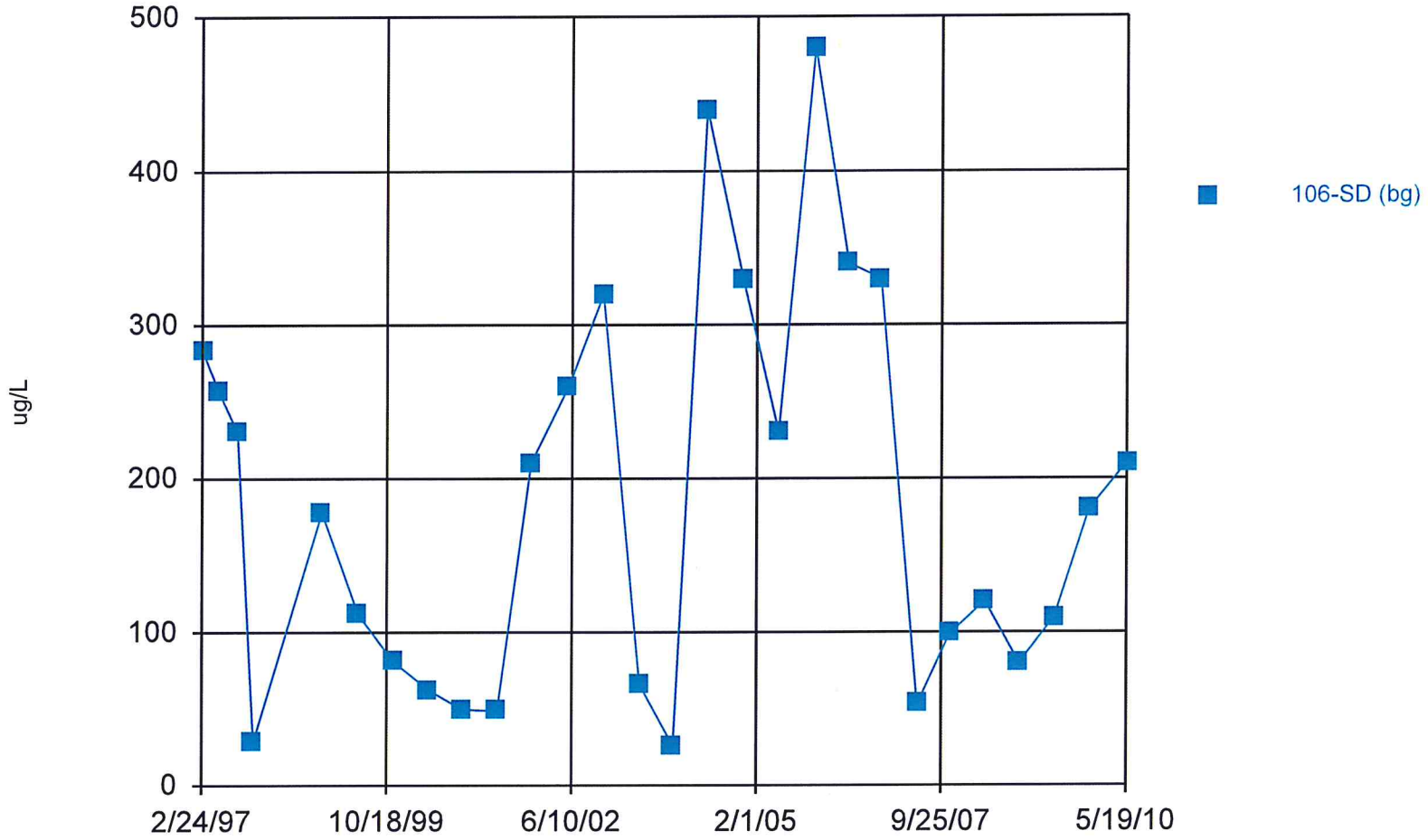


Constituent: Magnesium Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

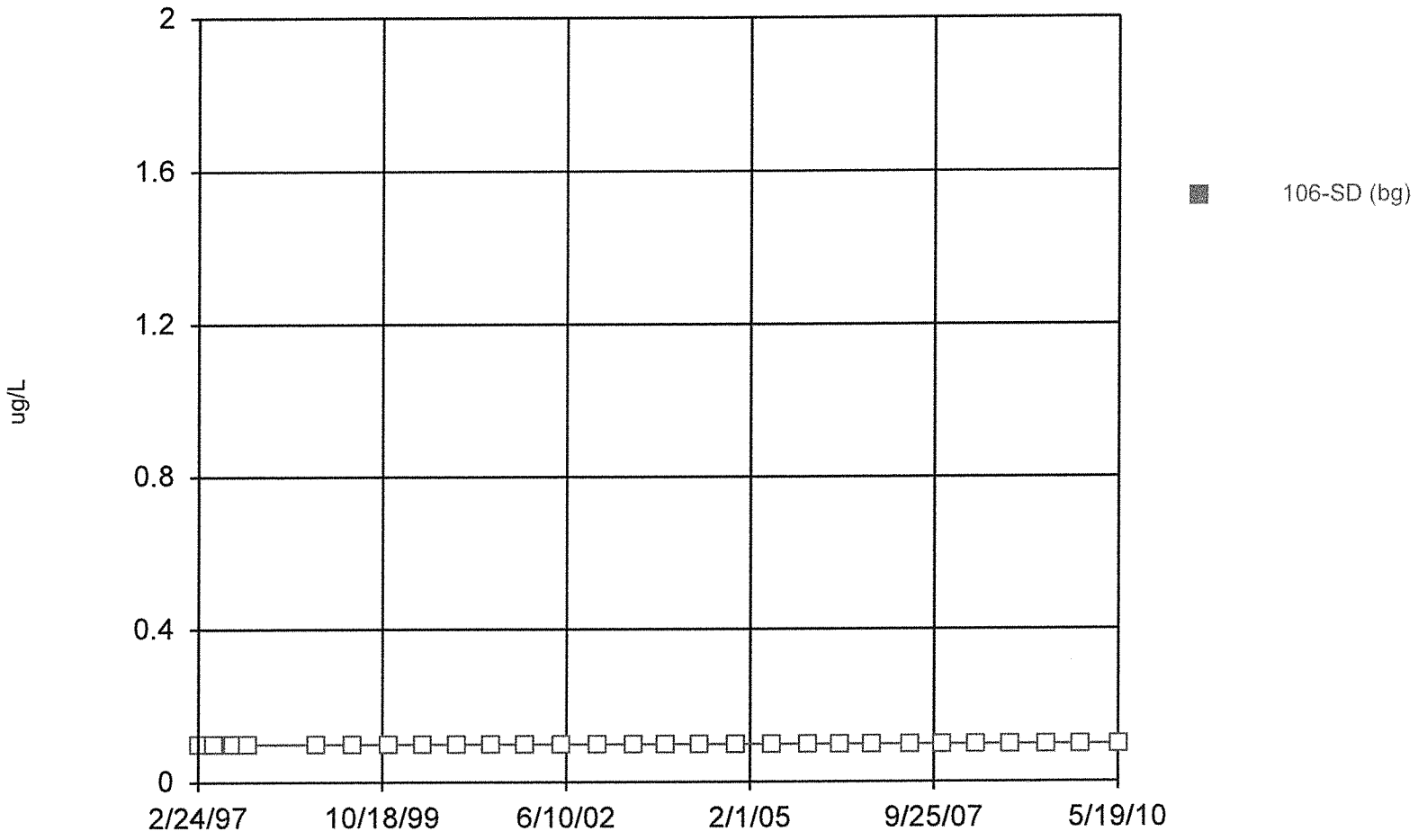


Constituent: Manganese Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

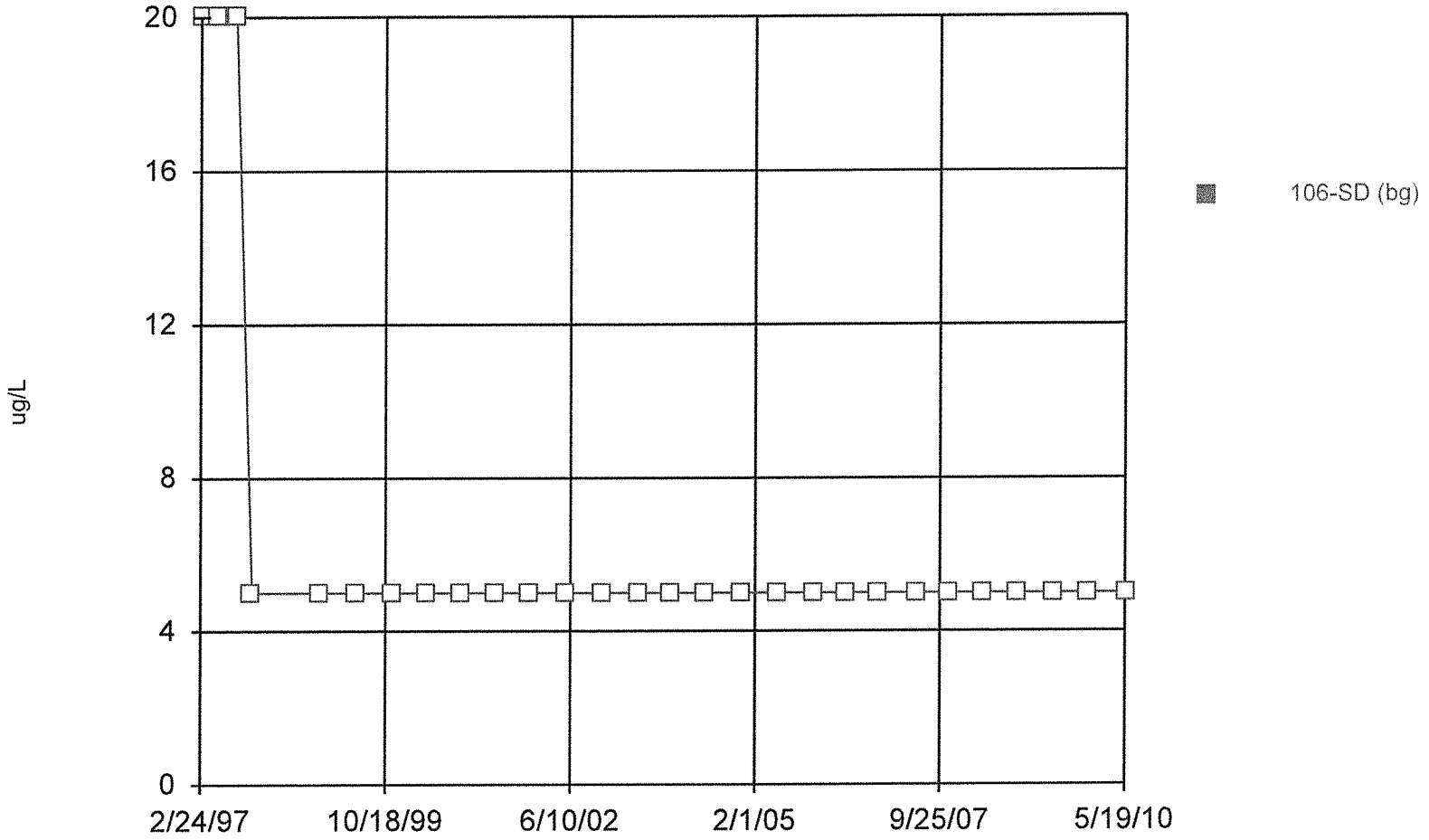


Constituent: Mercury Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

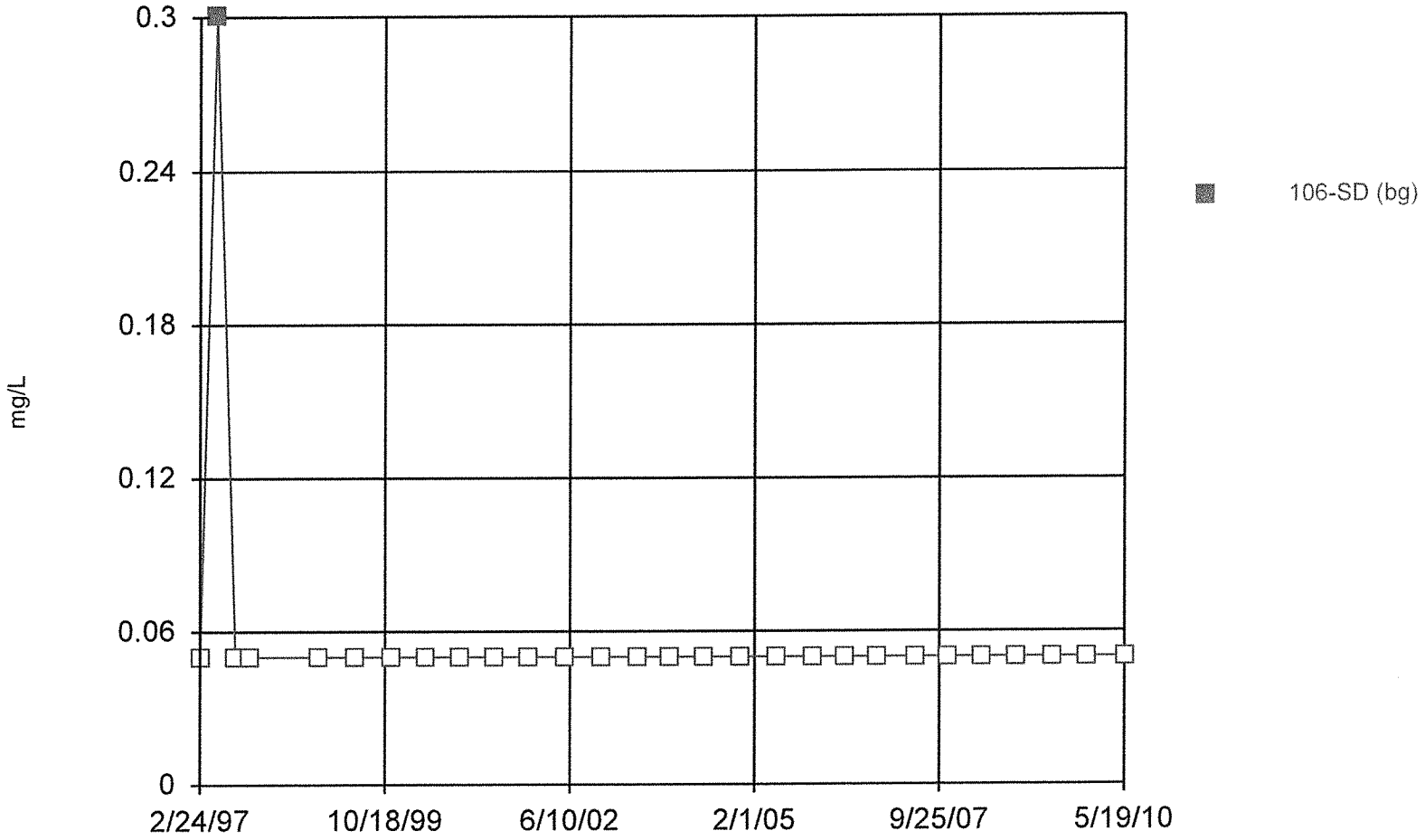


Constituent: Nickel Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

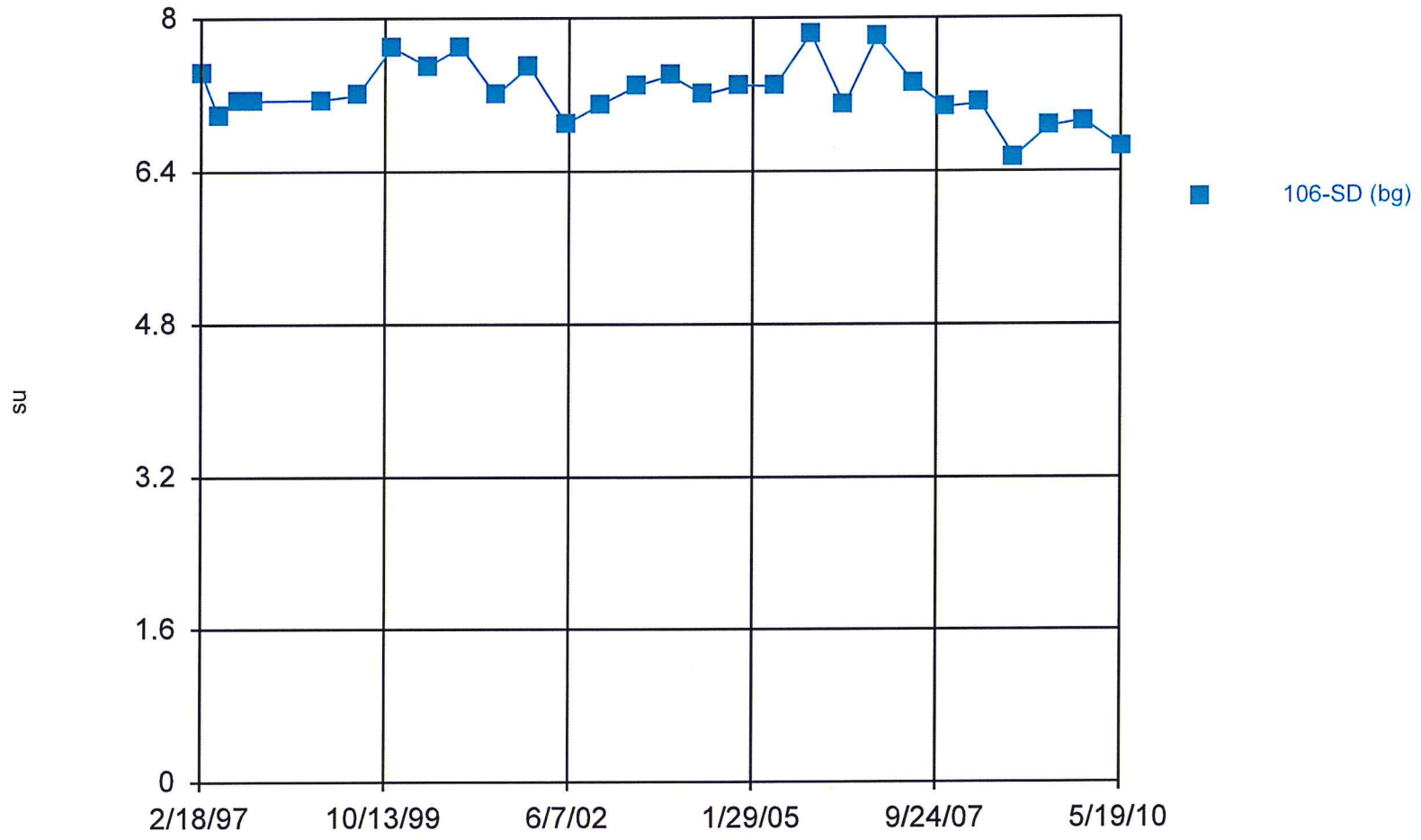


Constituent: Nitrate/Nitrite Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

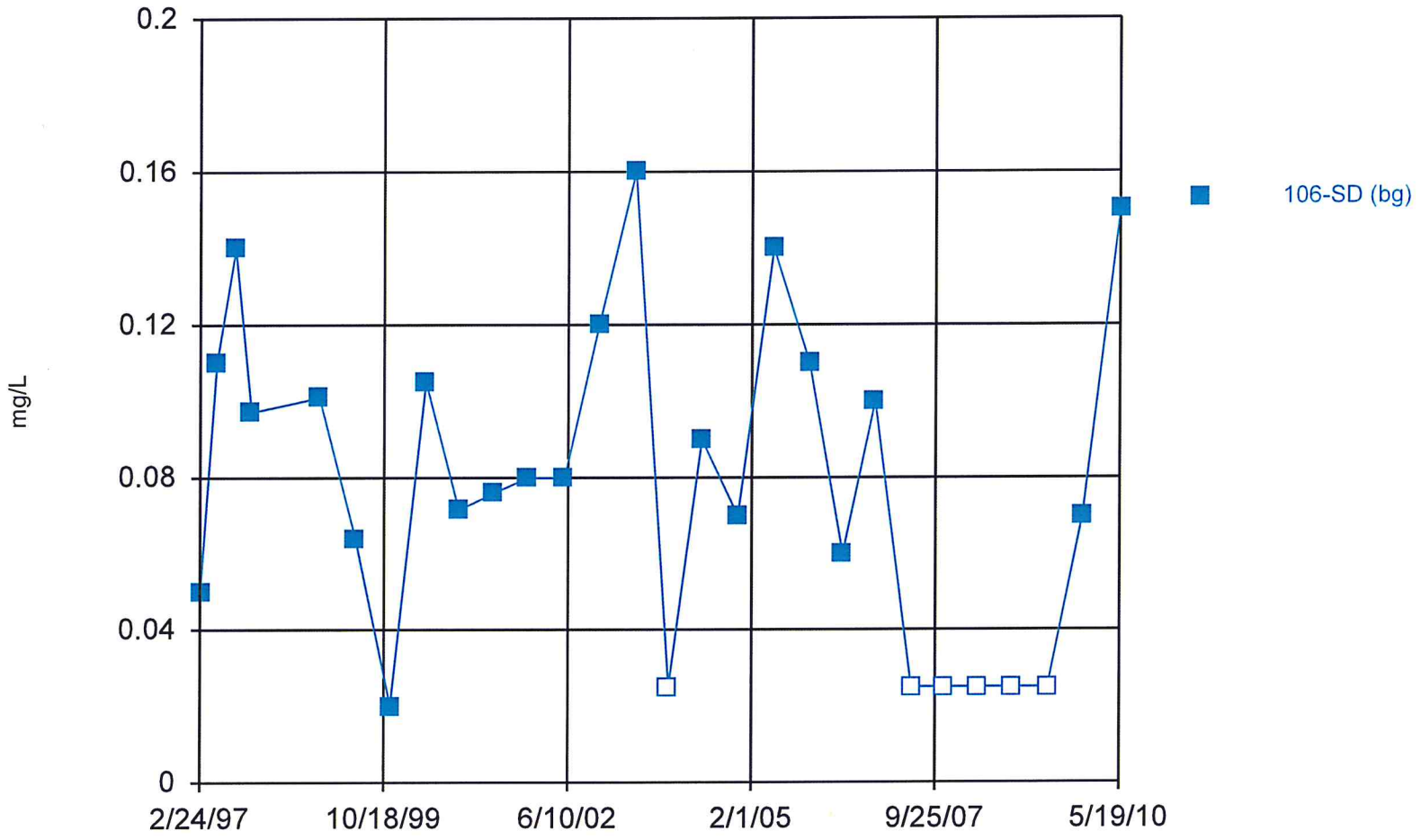


Constituent: pH [Field] Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

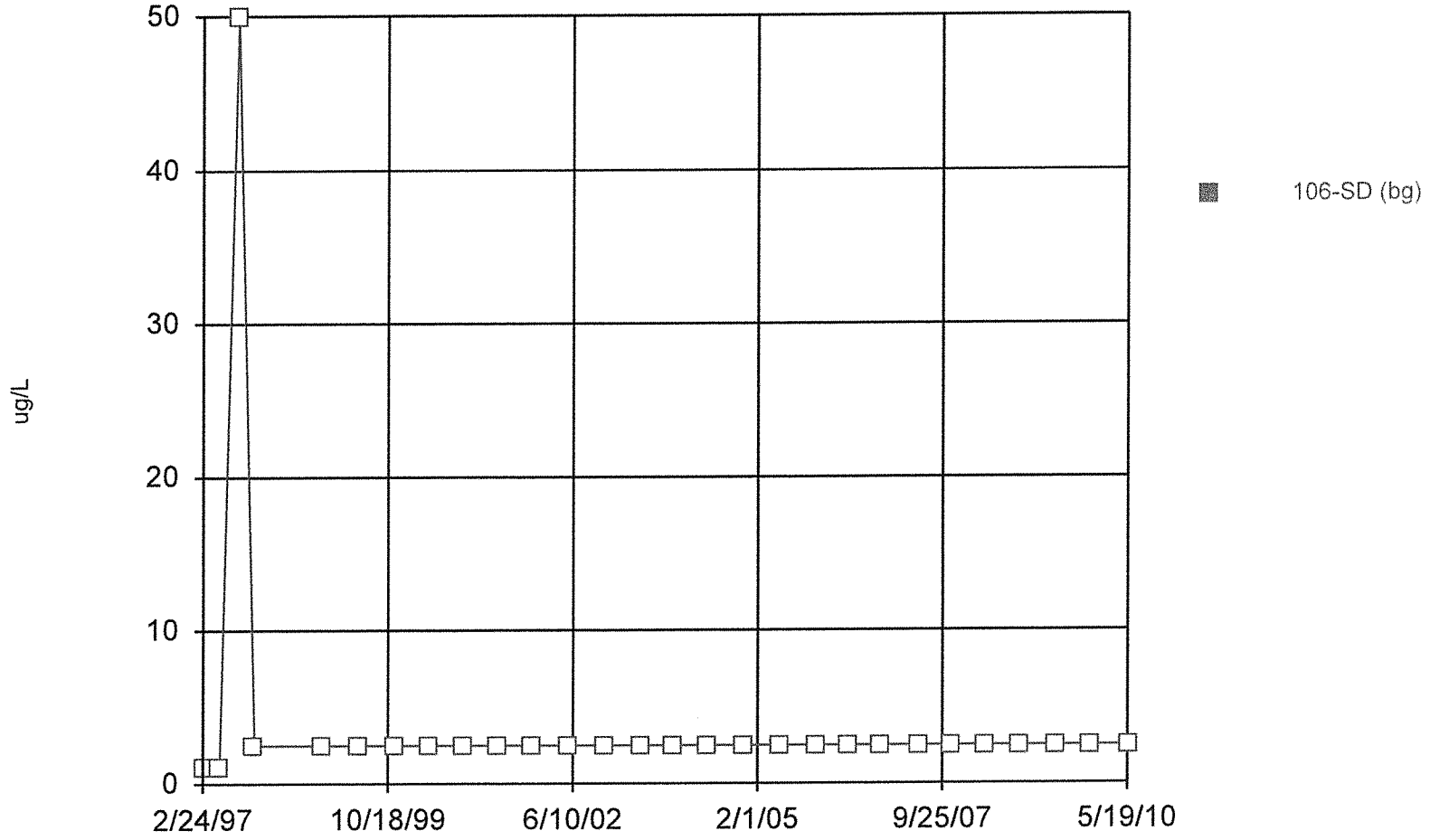


Constituent: Phosphorus Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

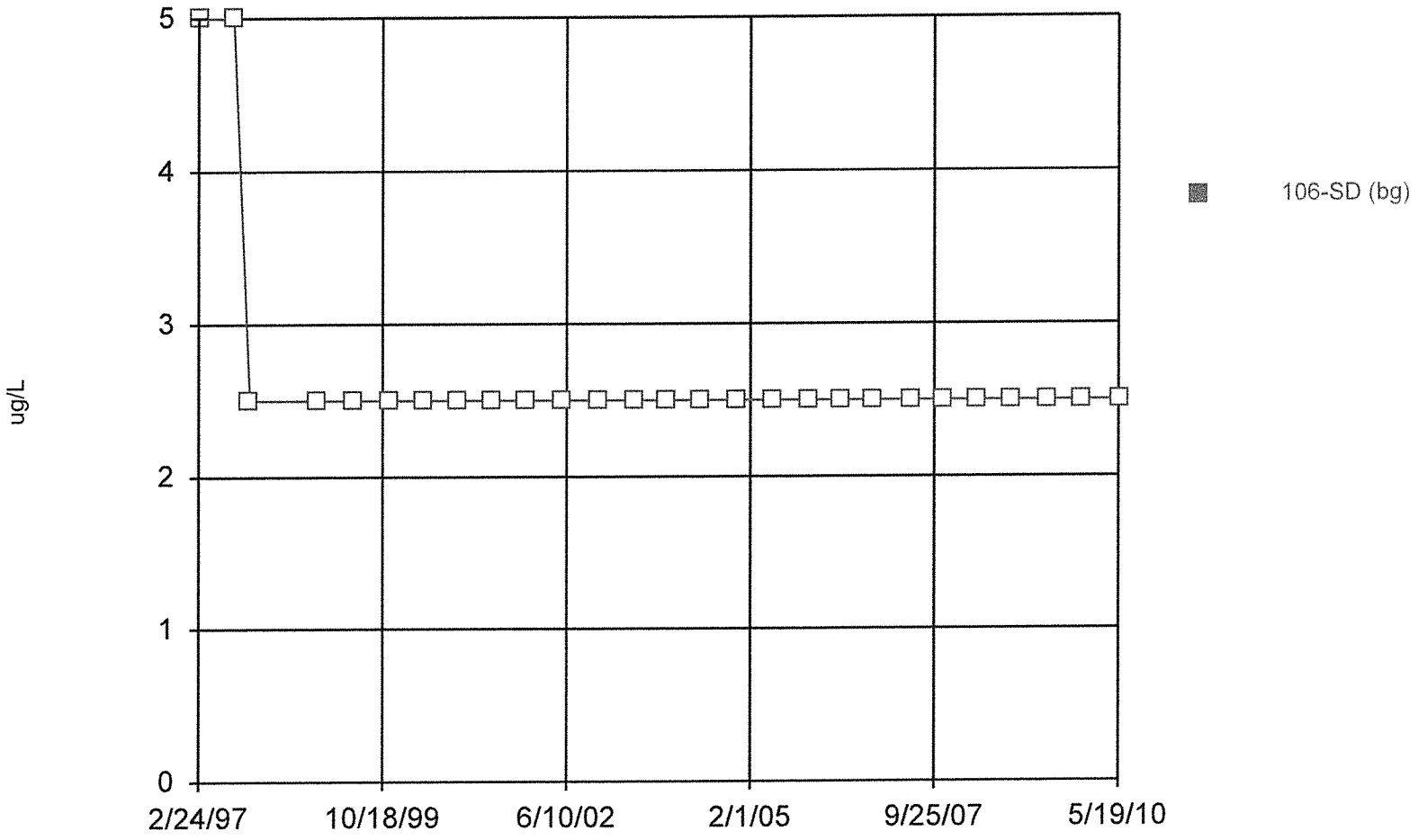


Constituent: Selenium Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

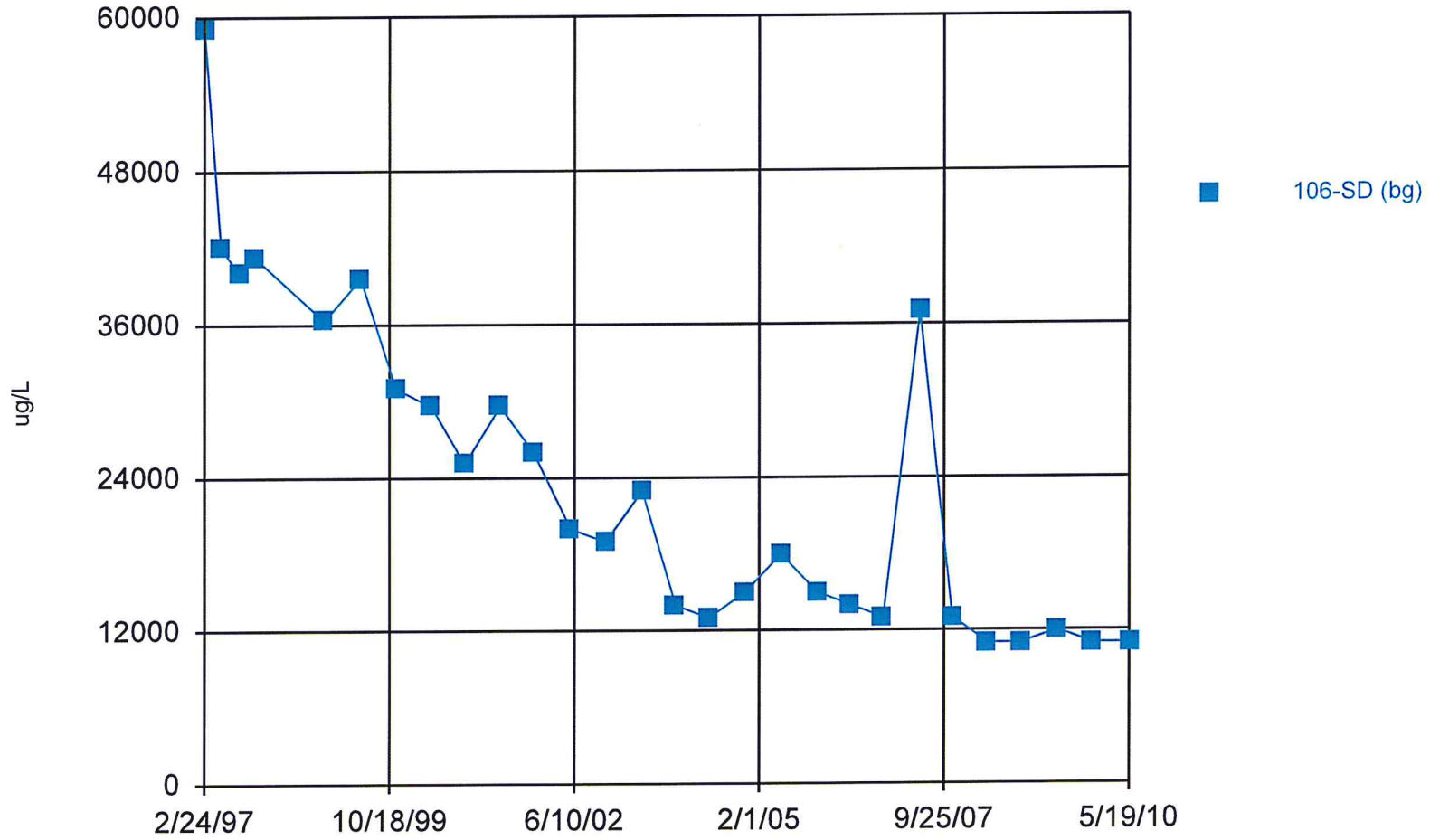


Constituent: Silver Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

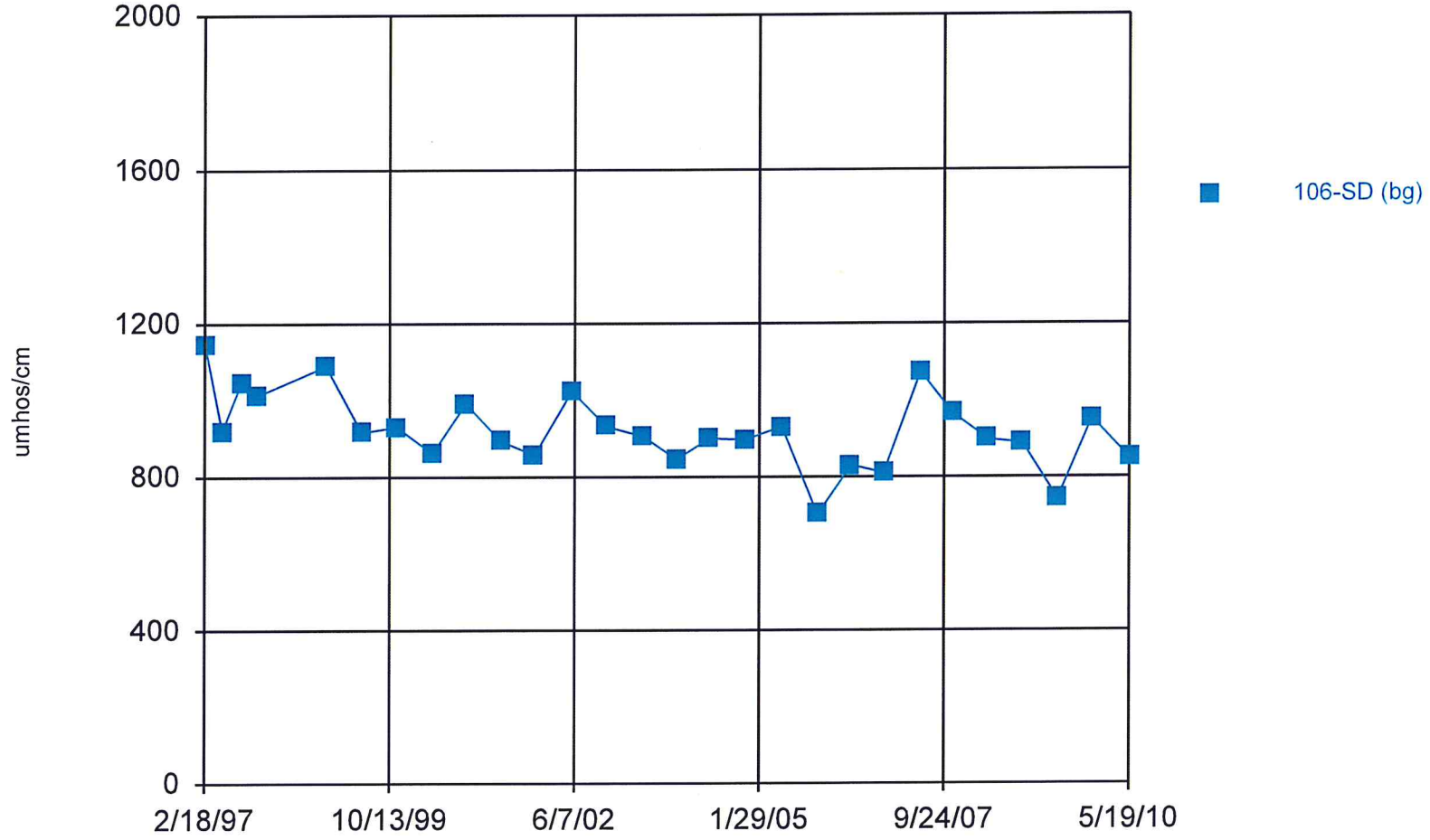


Constituent: Sodium Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

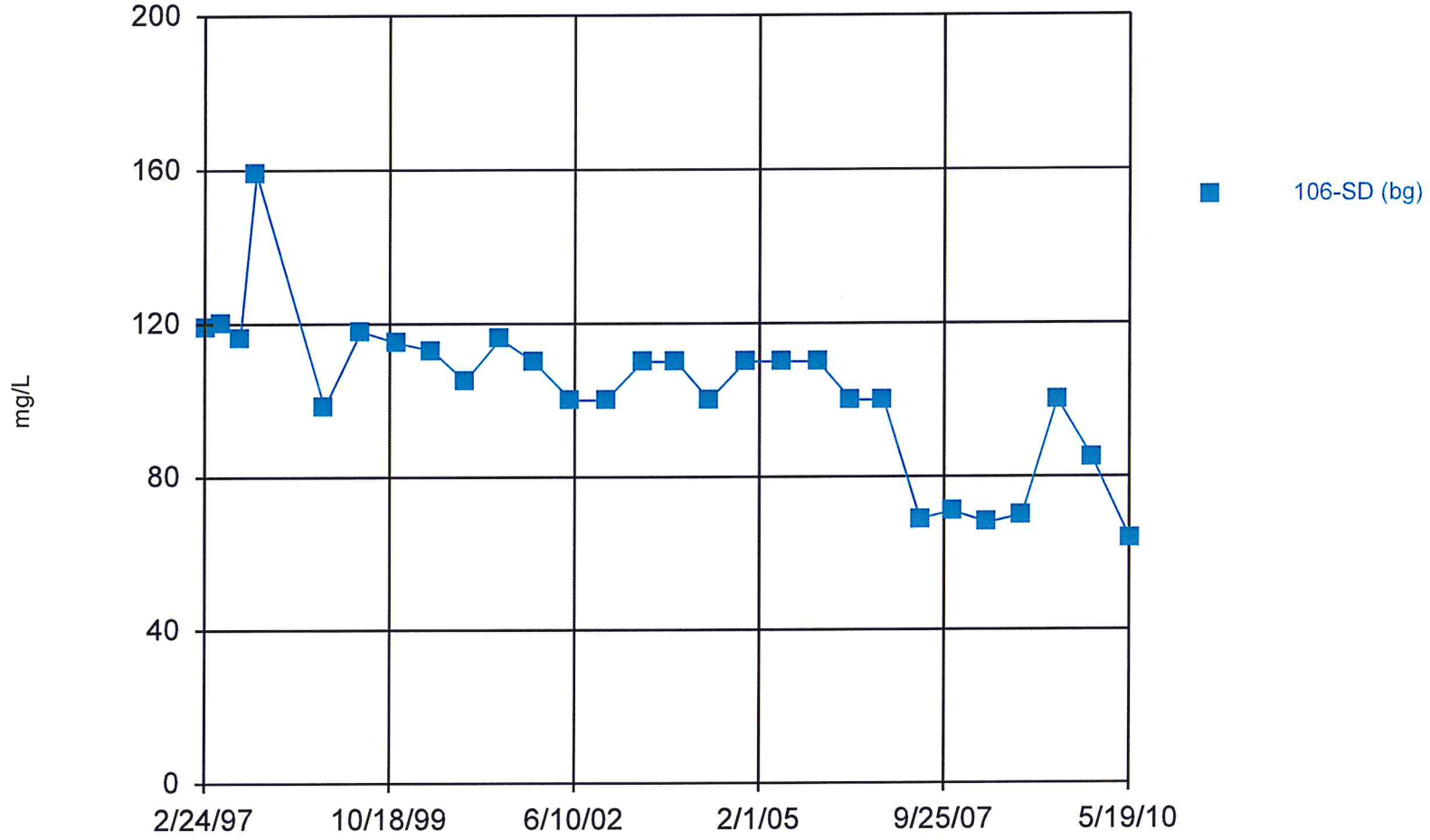


Constituent: Specific Conductance [Field] Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

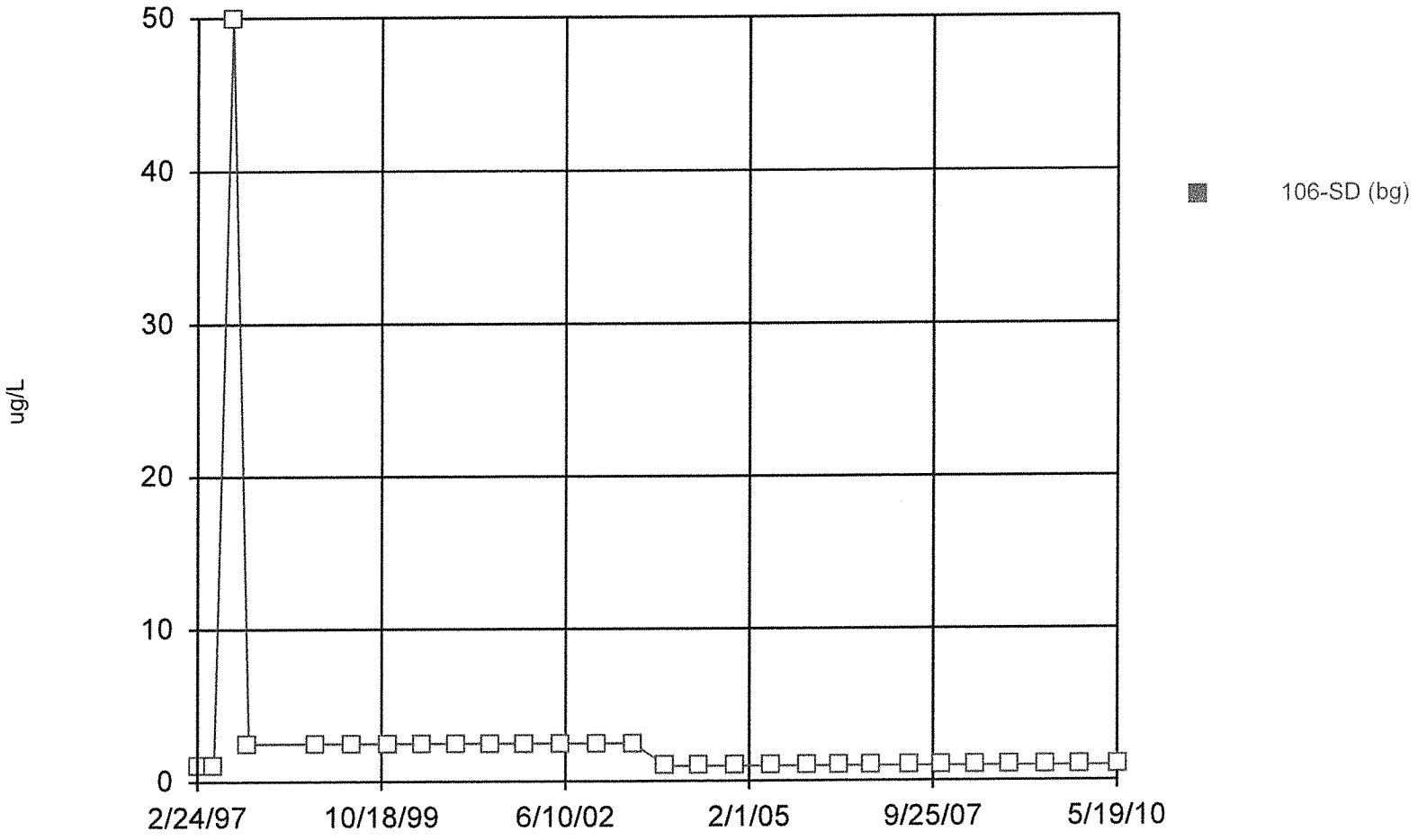


Constituent: Sulfate as SO4 Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

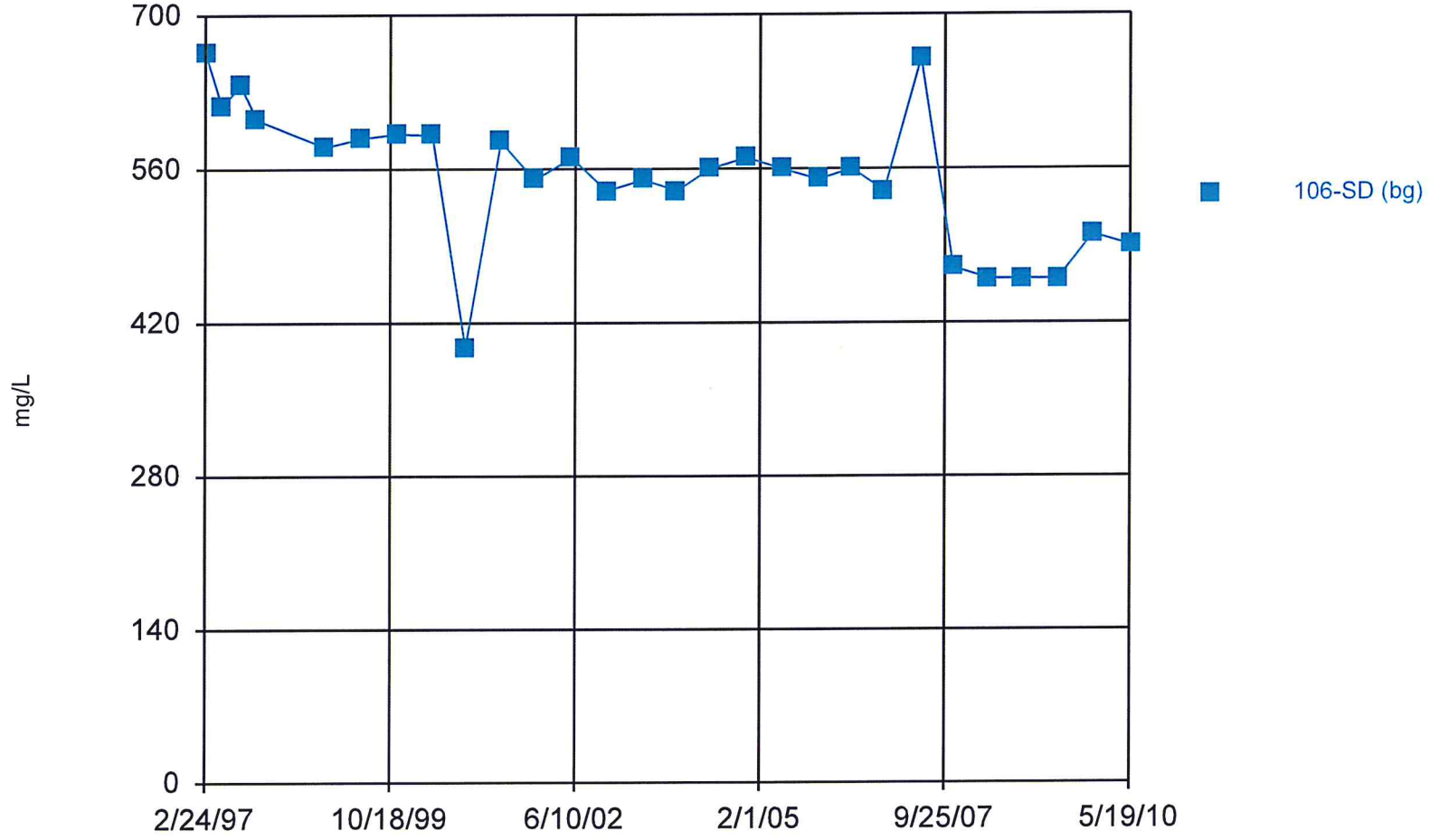


Constituent: Thallium Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

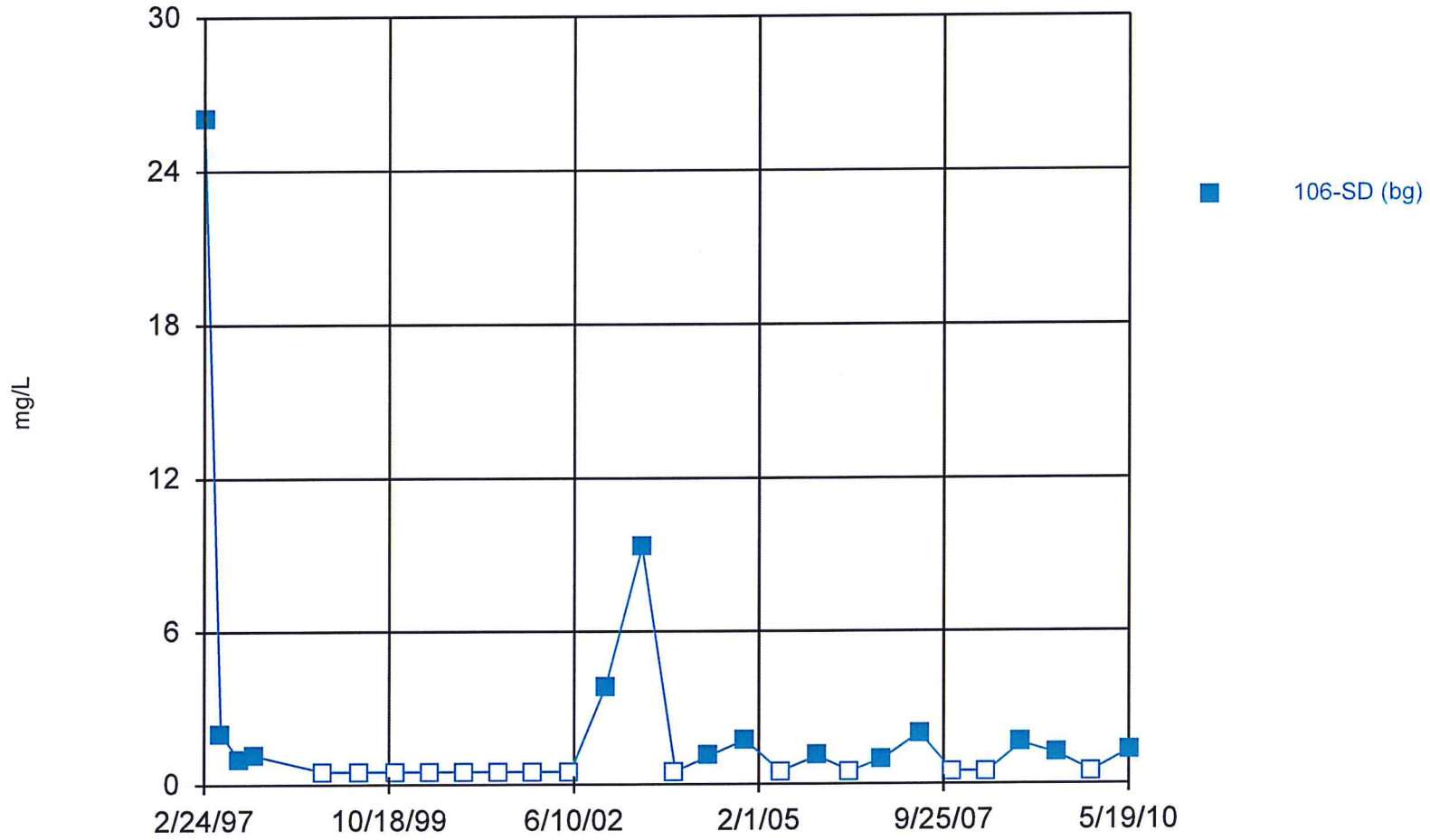


Constituent: Total Dissolved Solids [TDS] Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

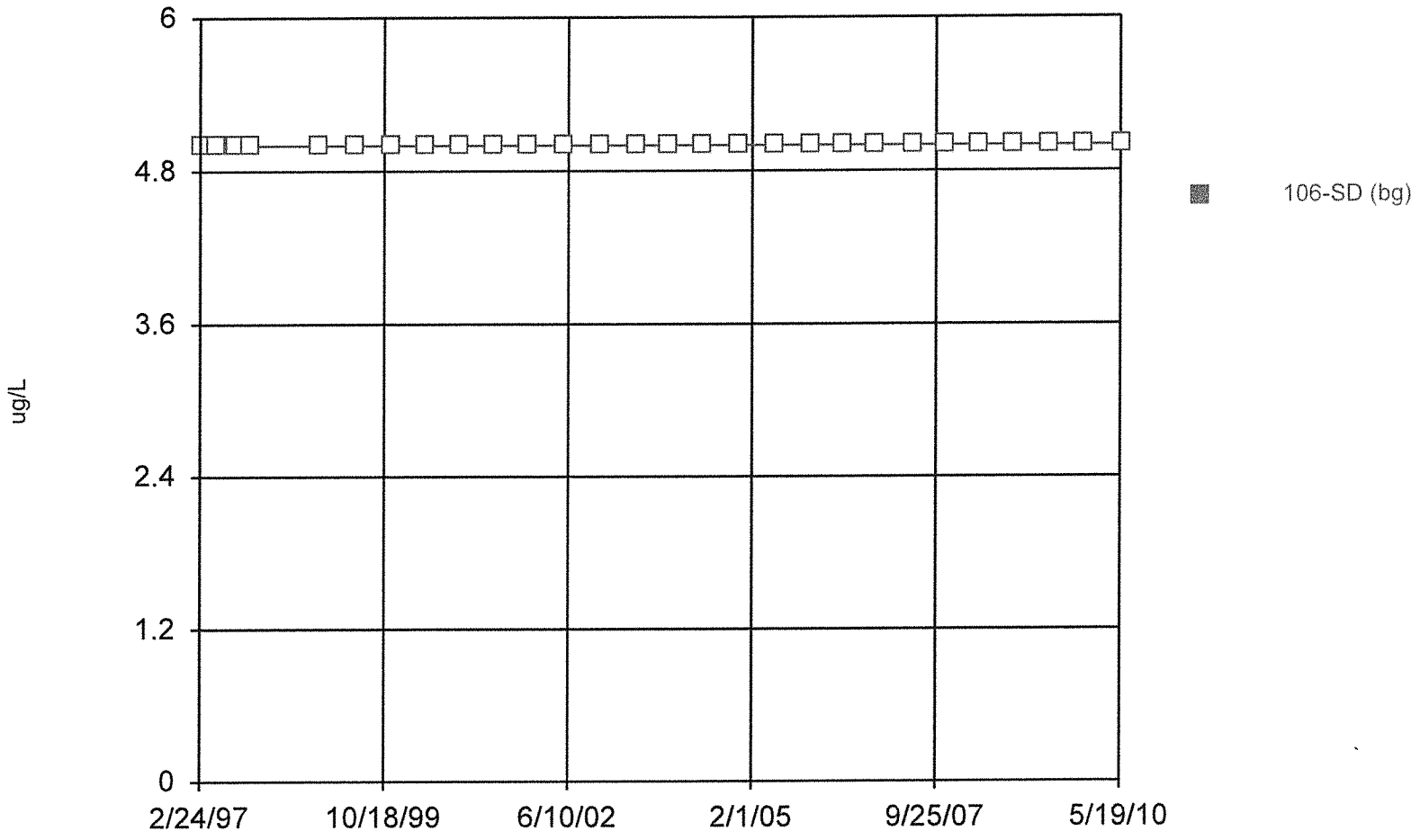


Constituent: Total Organic Carbon [TOC] Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

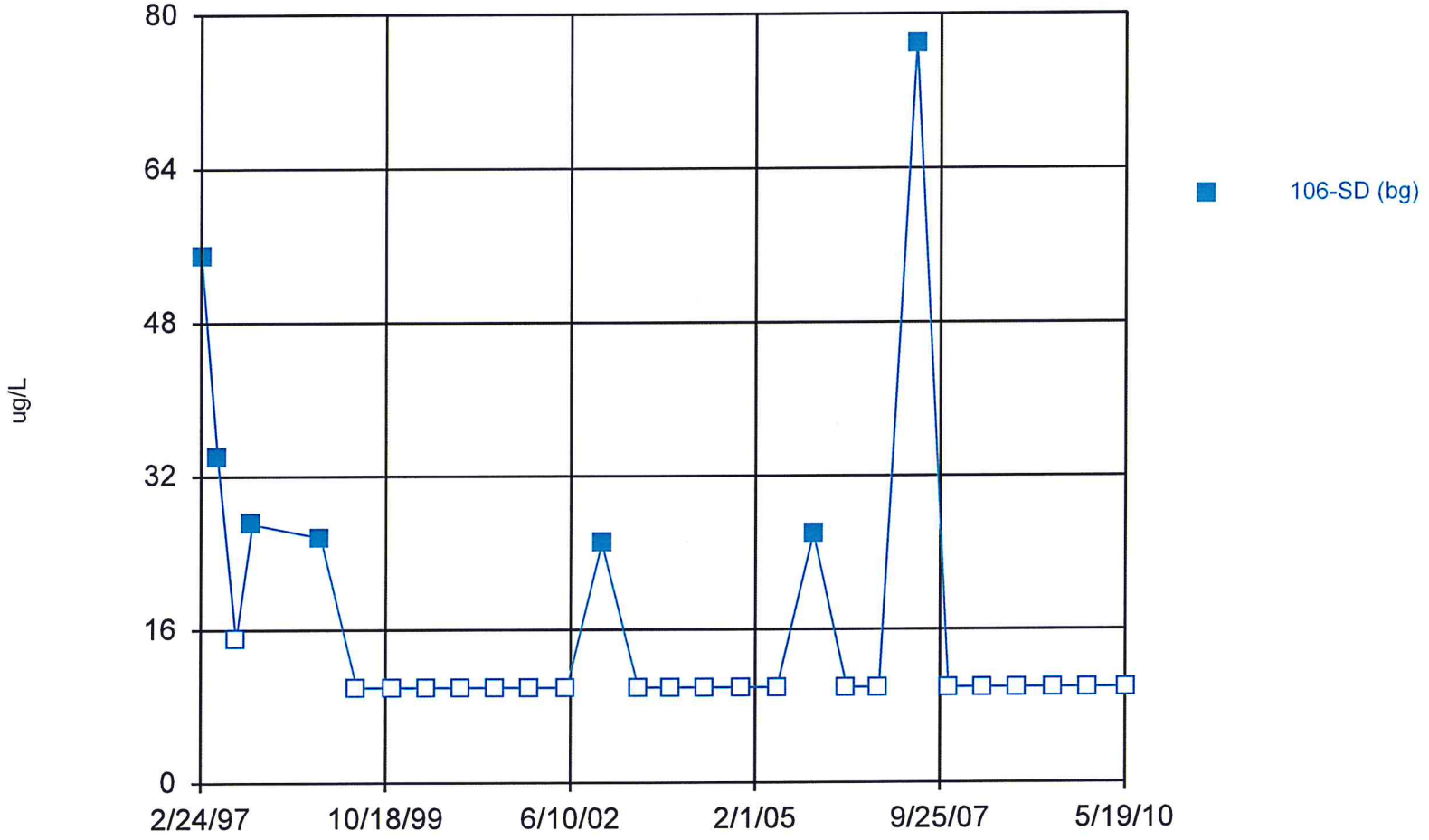


Constituent: Vanadium Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

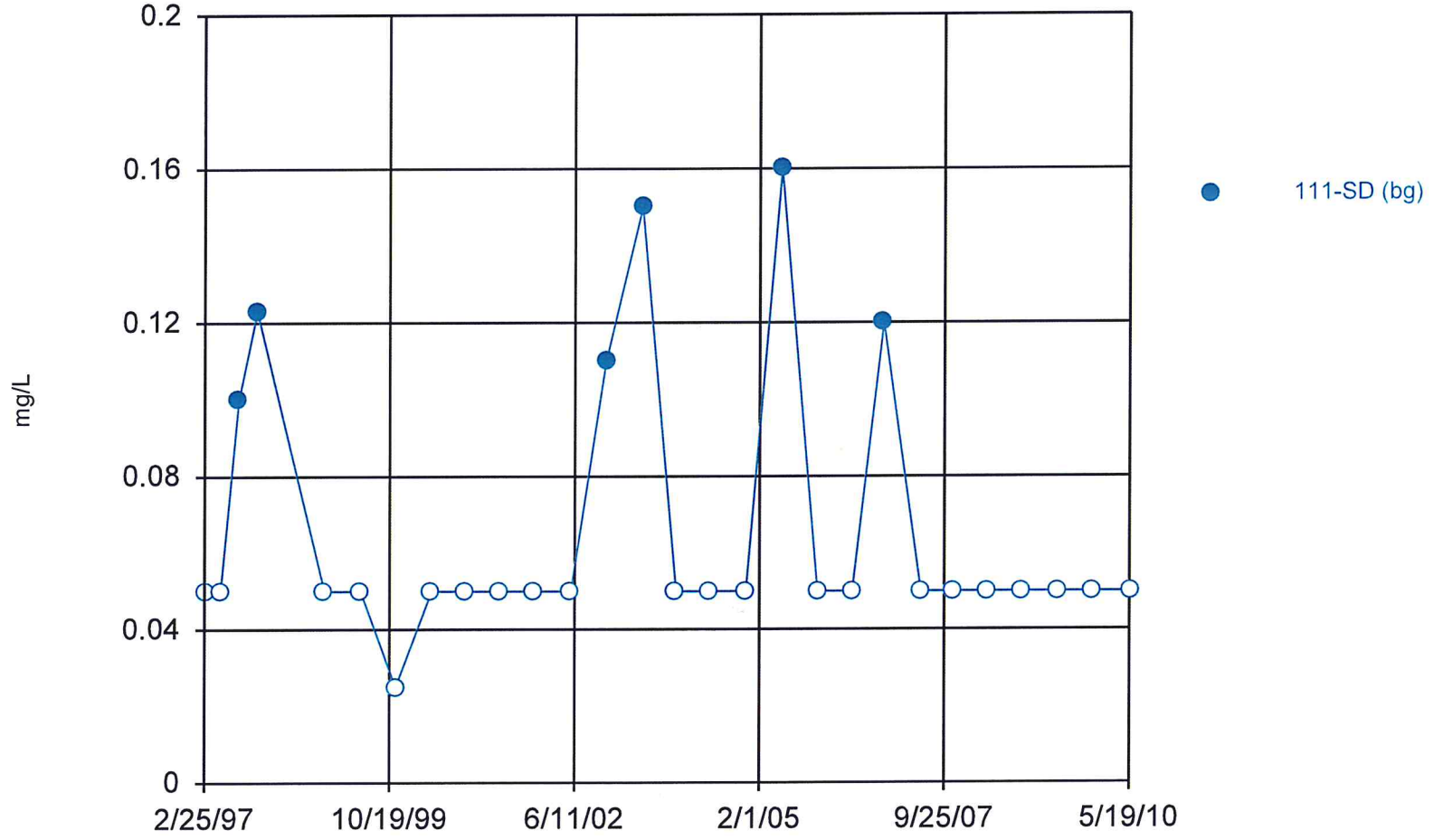


Constituent: Zinc Total Analysis Run 10/22/2010 2:32 PM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

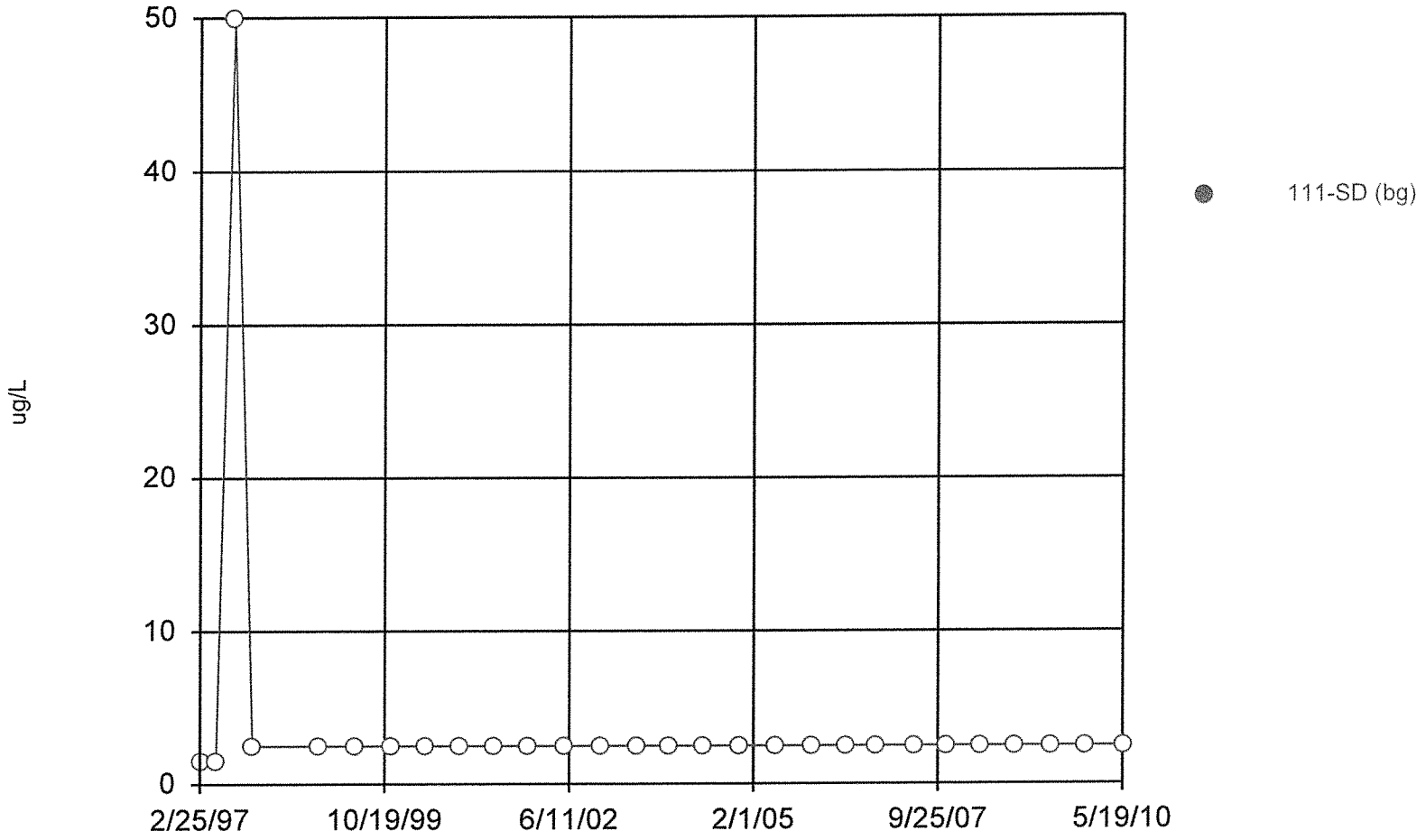


Constituent: Ammonia as N Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

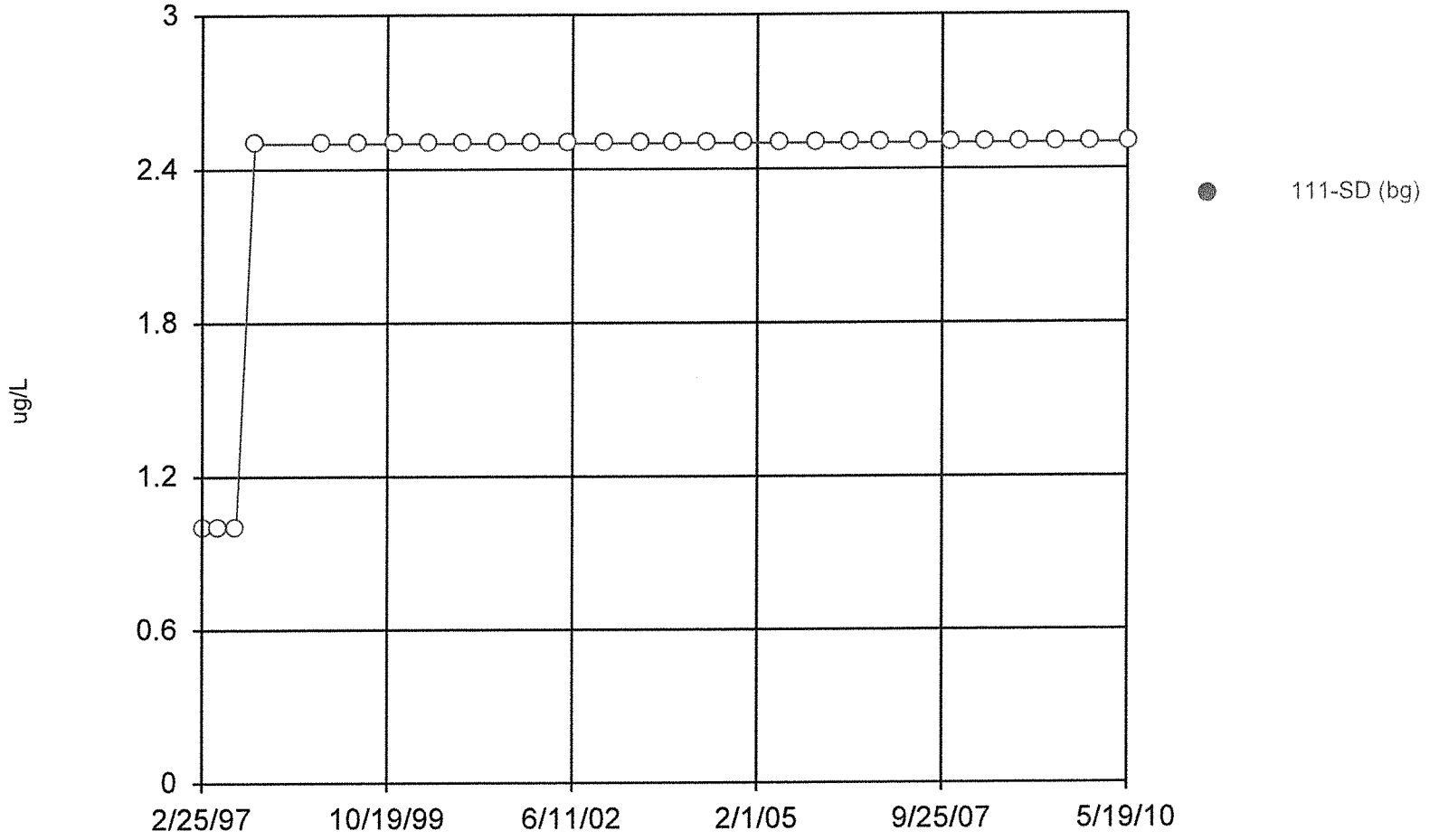


Constituent: Antimony Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

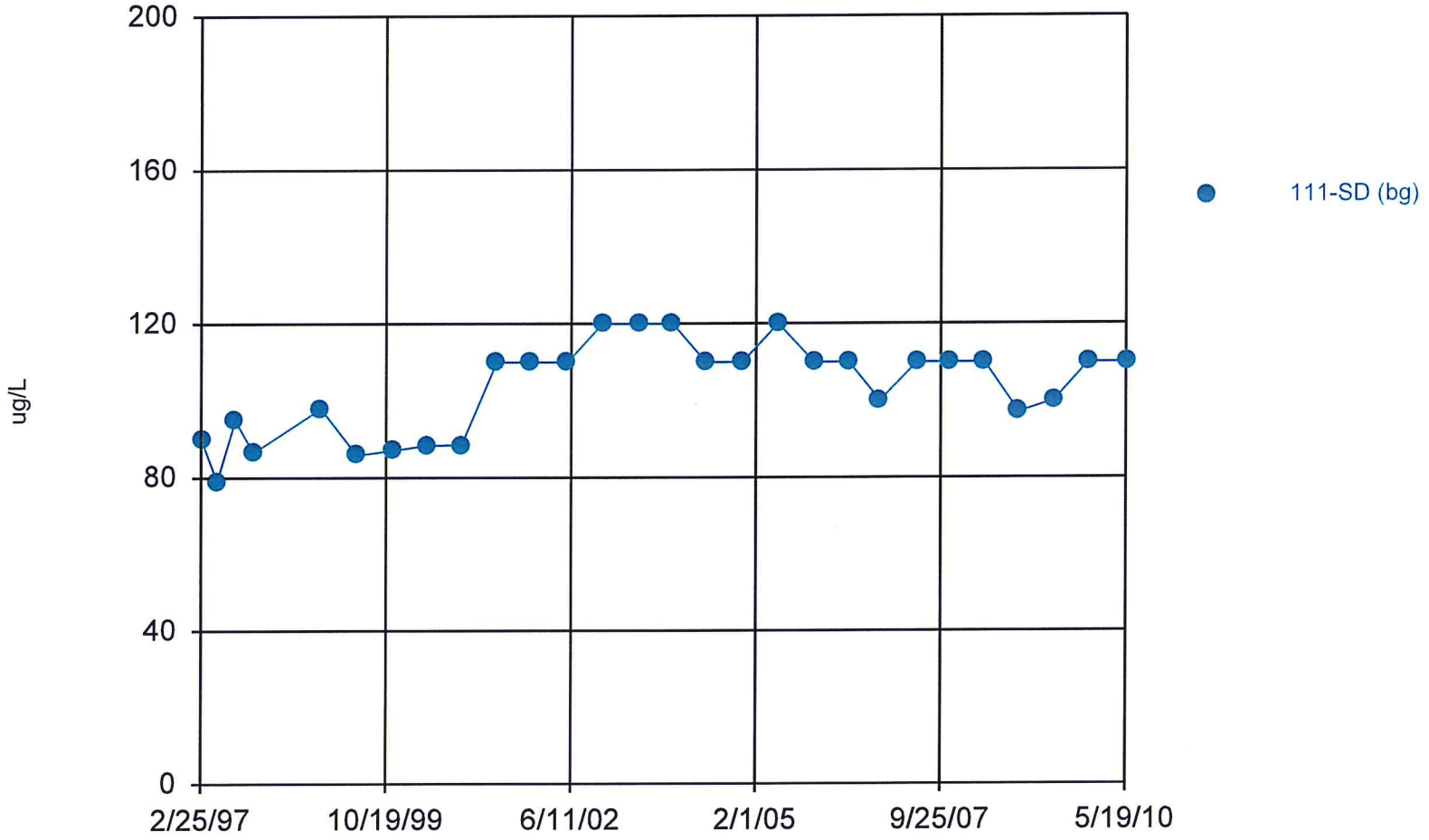


Constituent: Arsenic Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

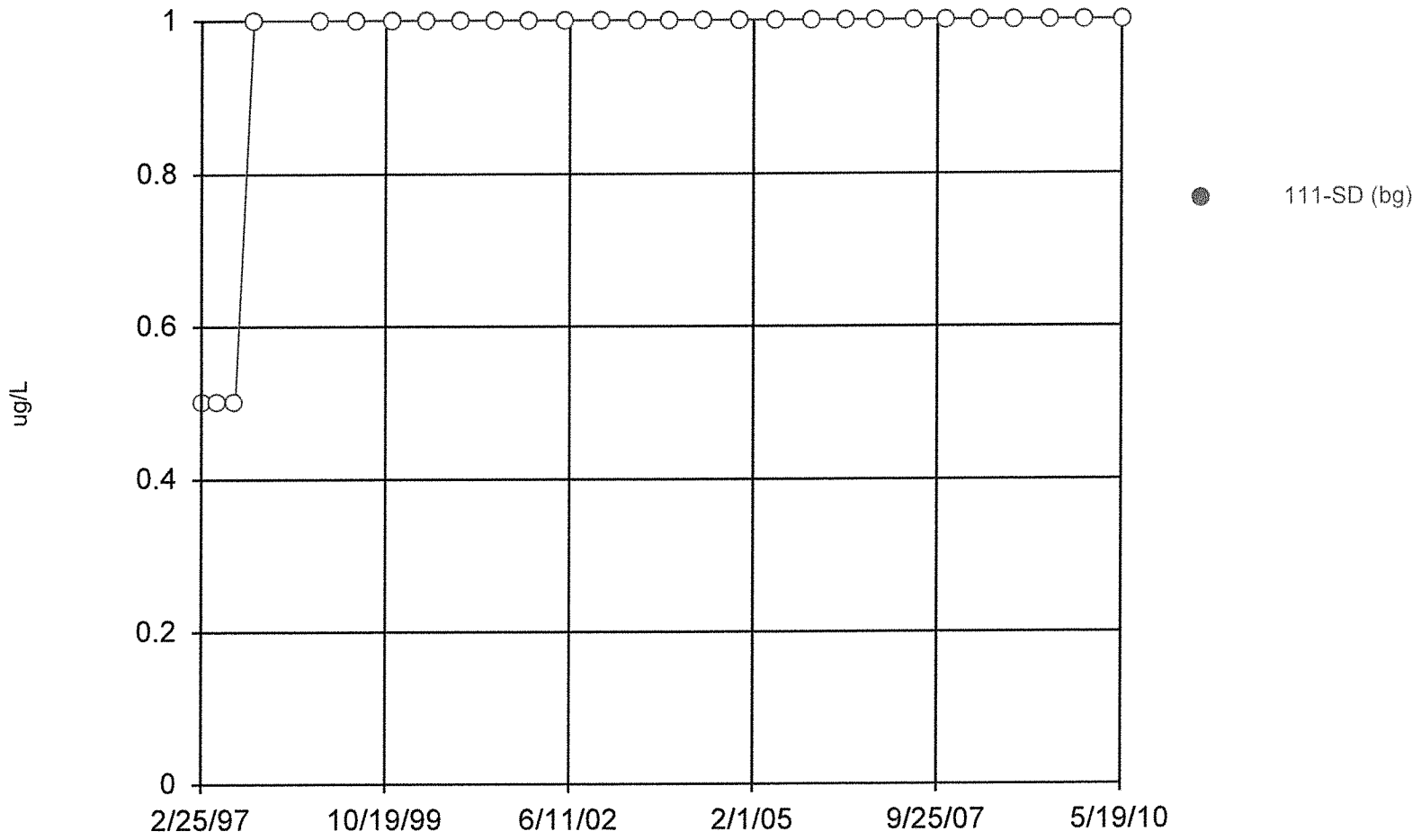


Constituent: Barium Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a, UG
Hollow symbols indicate censored values.

Time Series

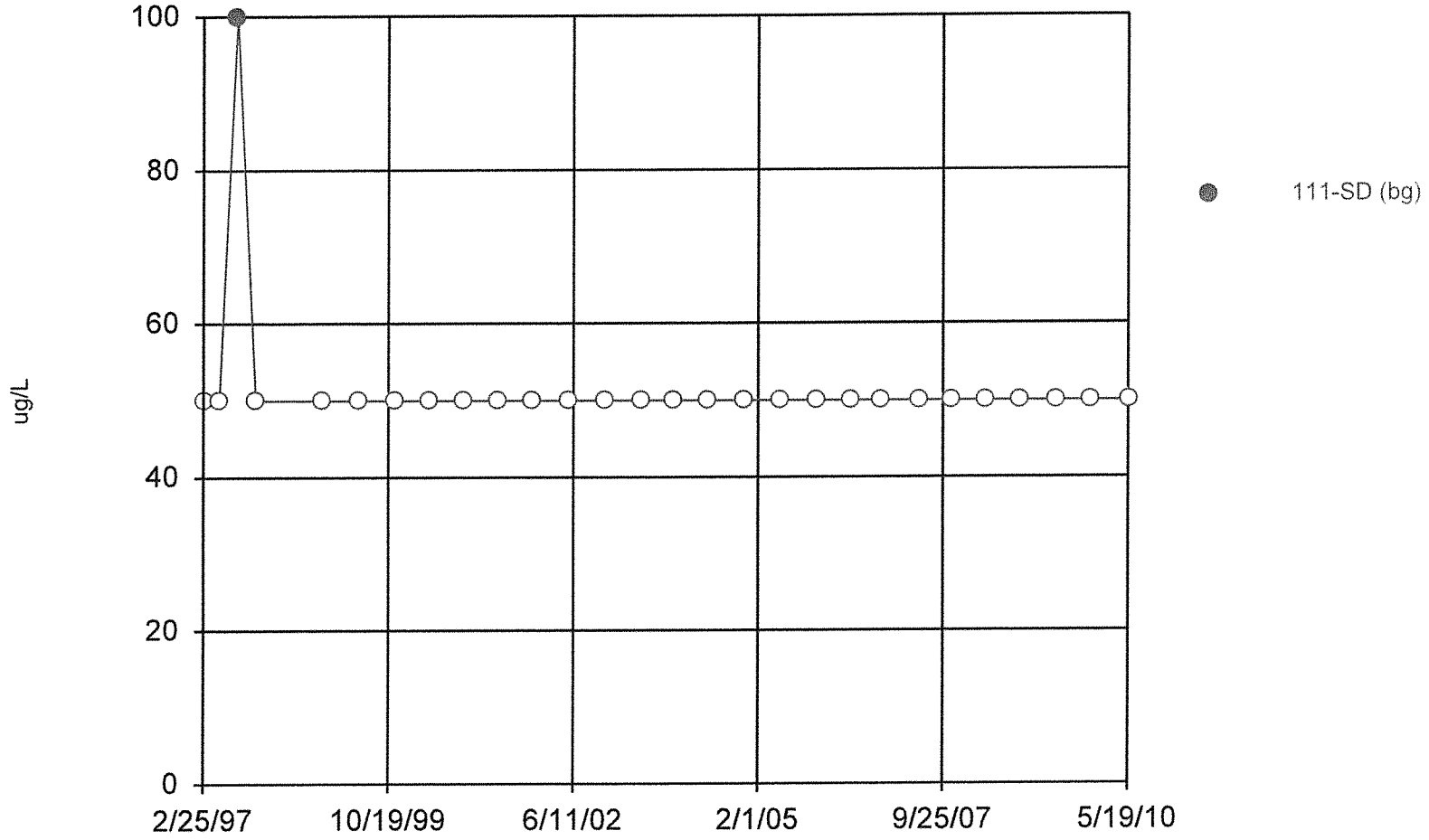


Constituent: Beryllium Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

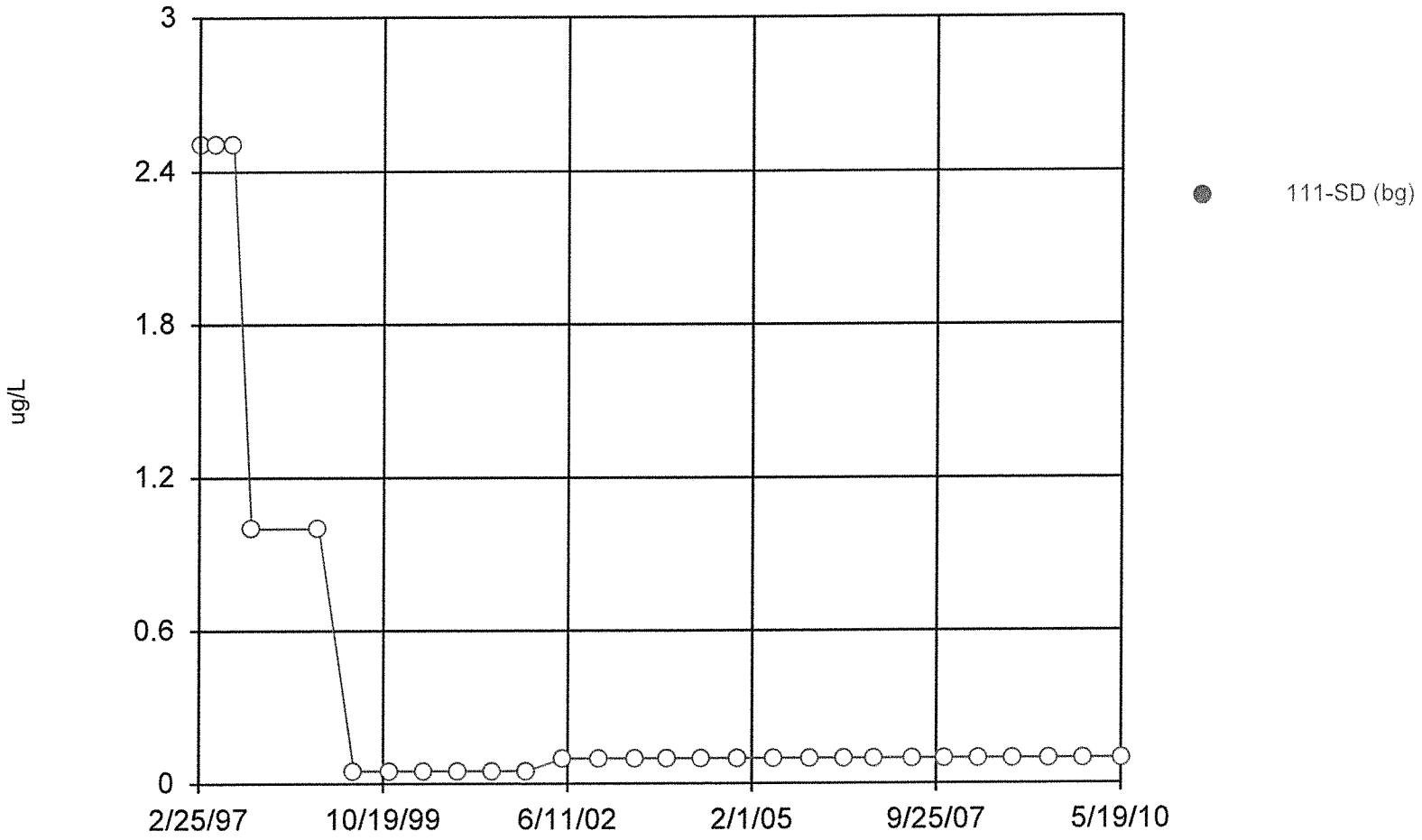


Constituent: Boron Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

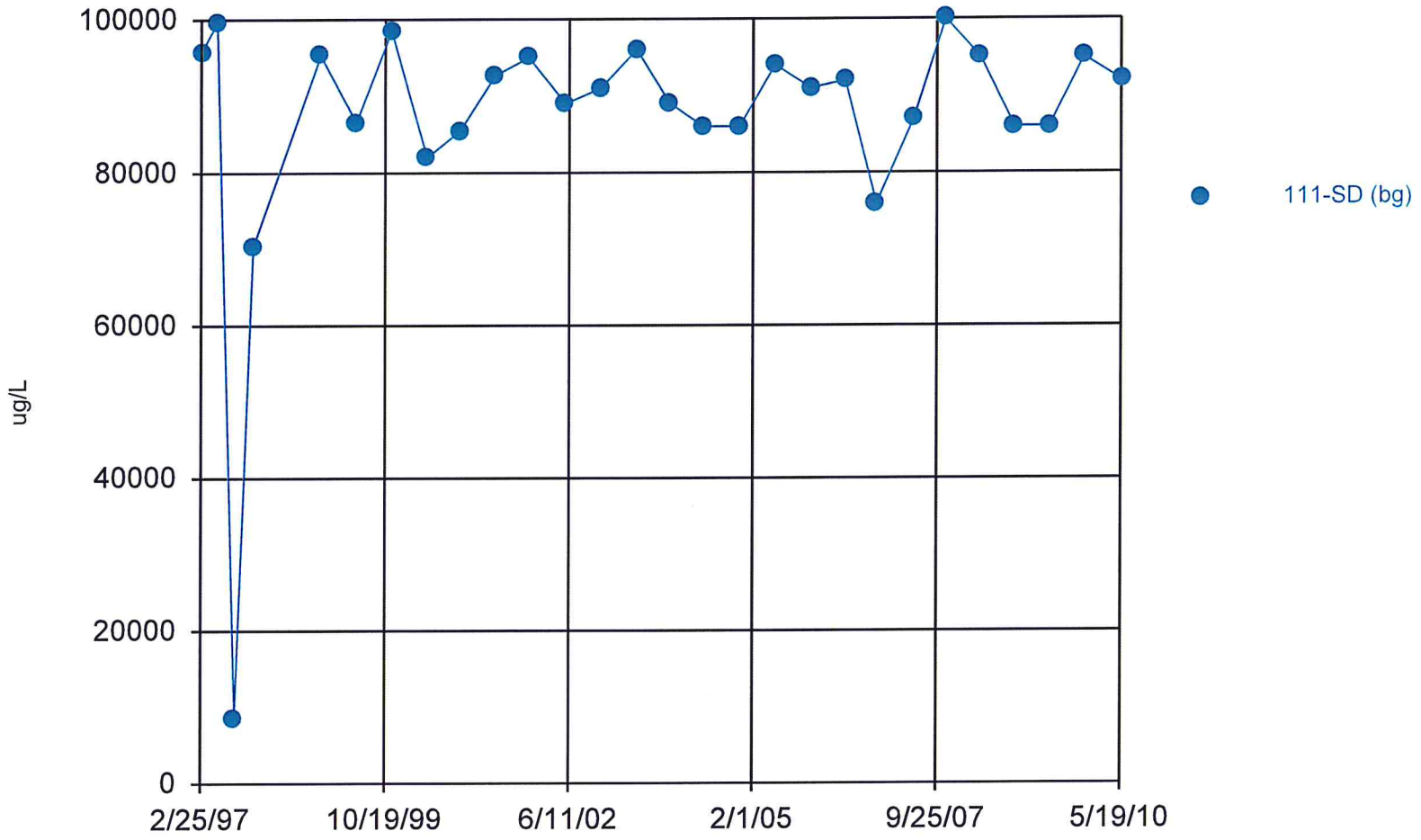


Constituent: Cadmium Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

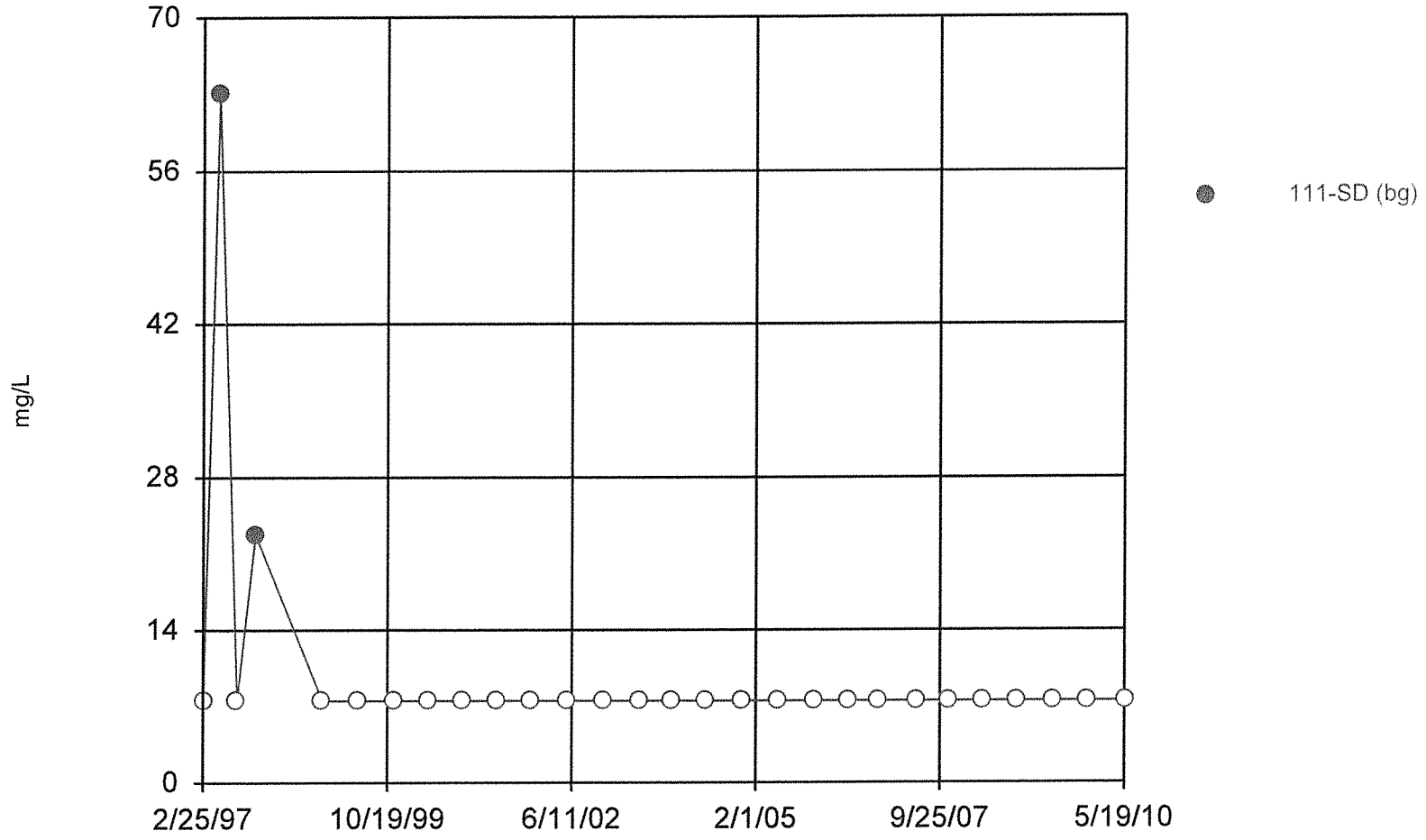


Constituent: Calcium Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

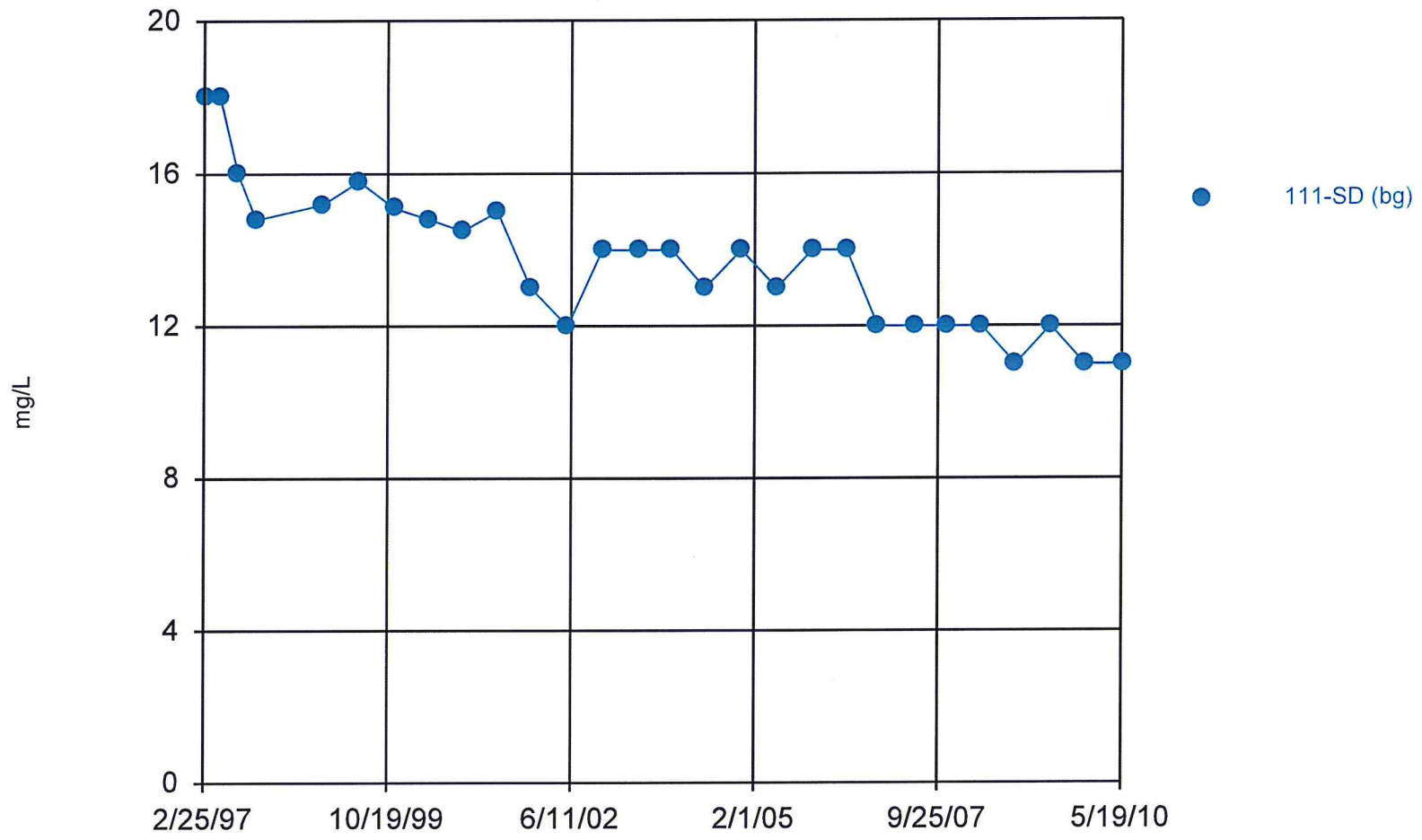


Constituent: Chemical Oxygen Demand [COD] Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

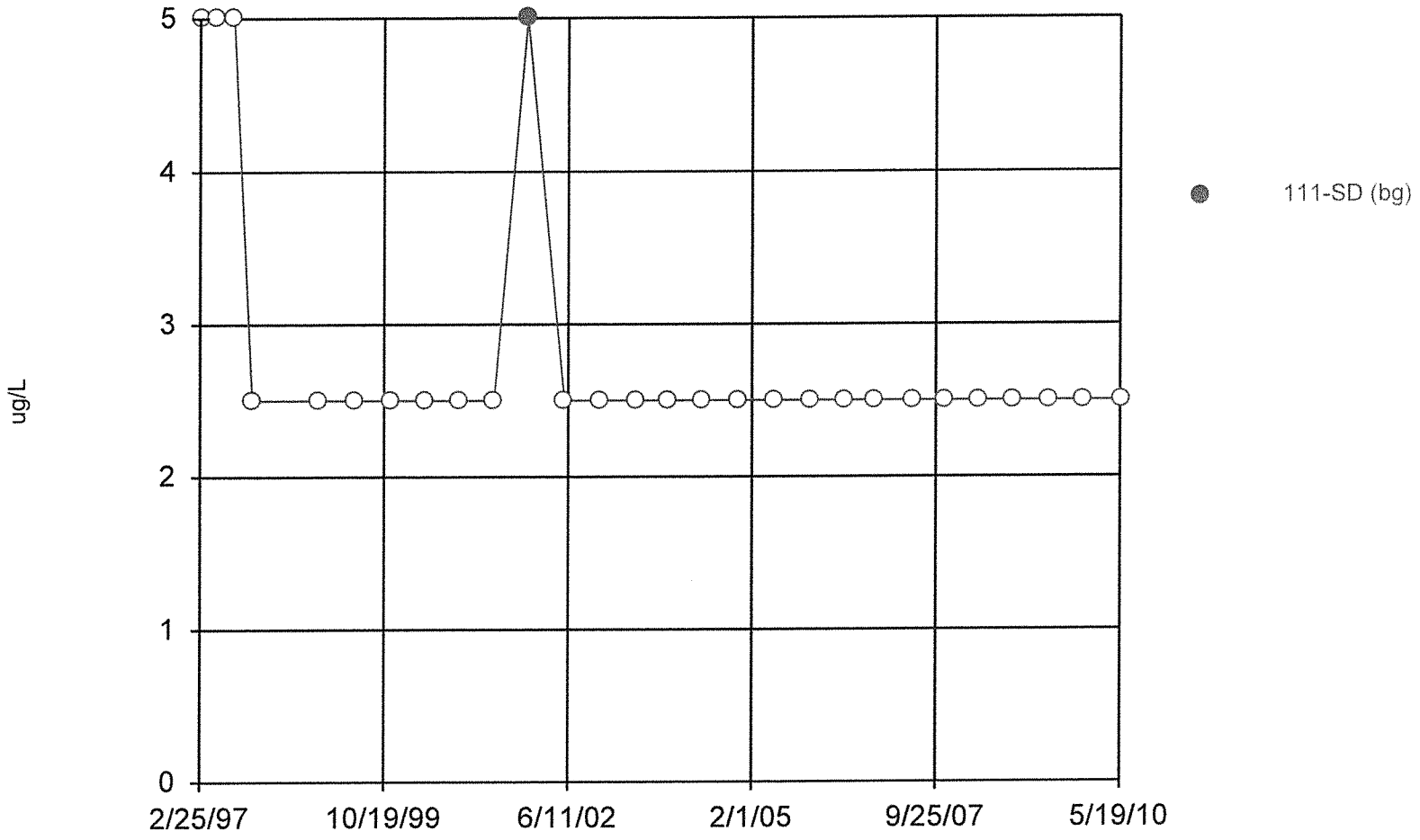


Constituent: Chloride Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

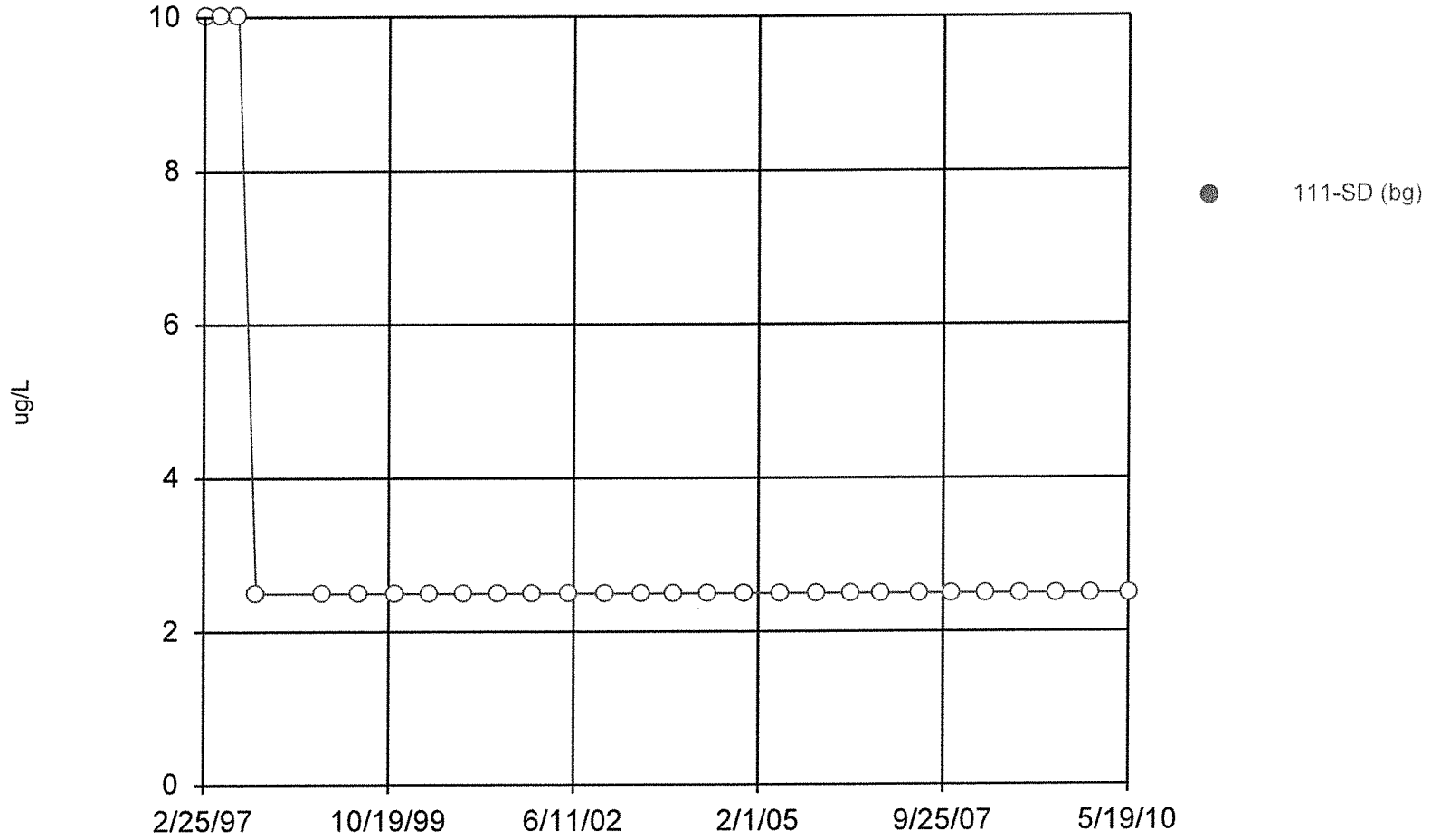


Constituent: Chromium Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

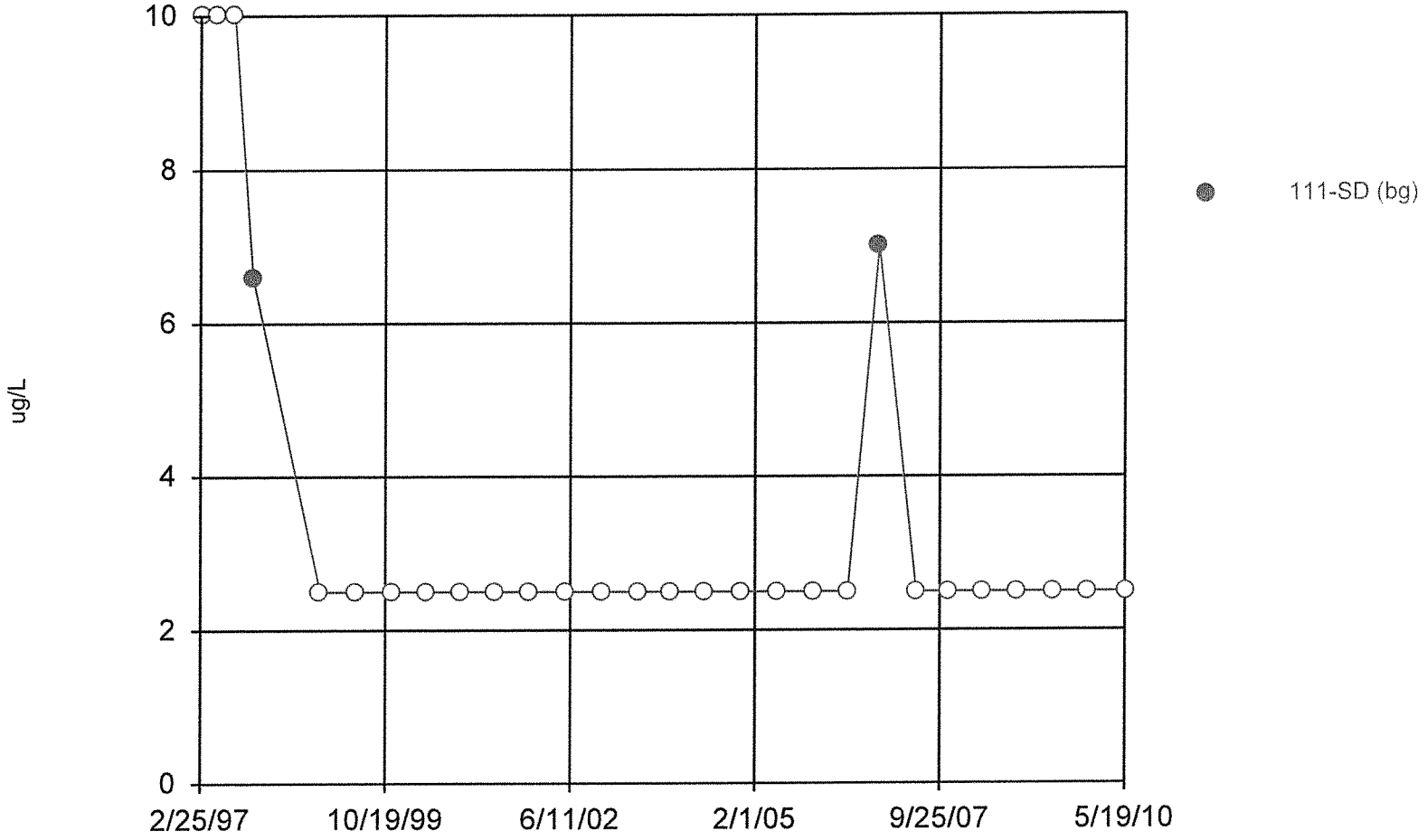


Constituent: Cobalt Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

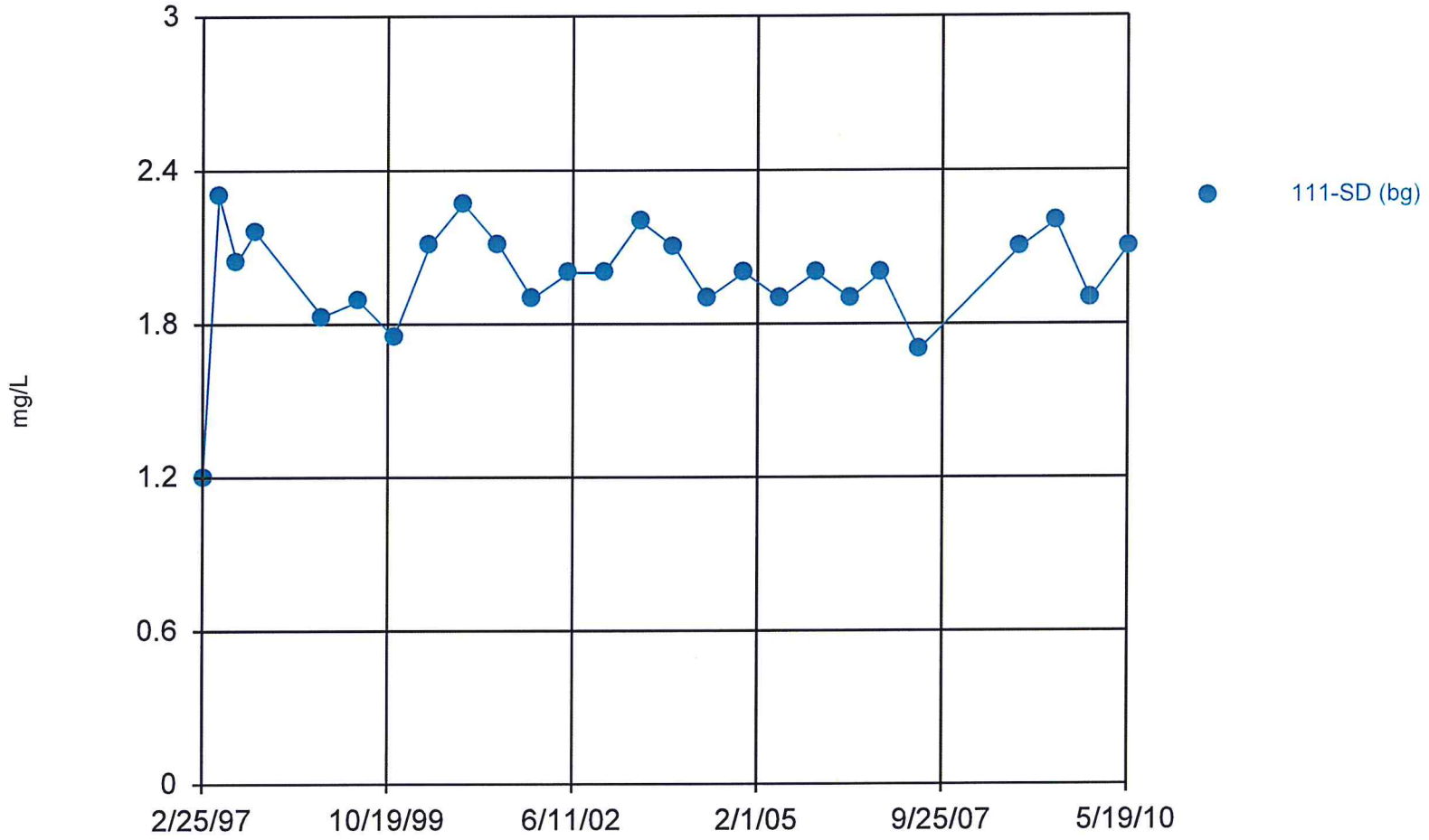


Constituent: Copper Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

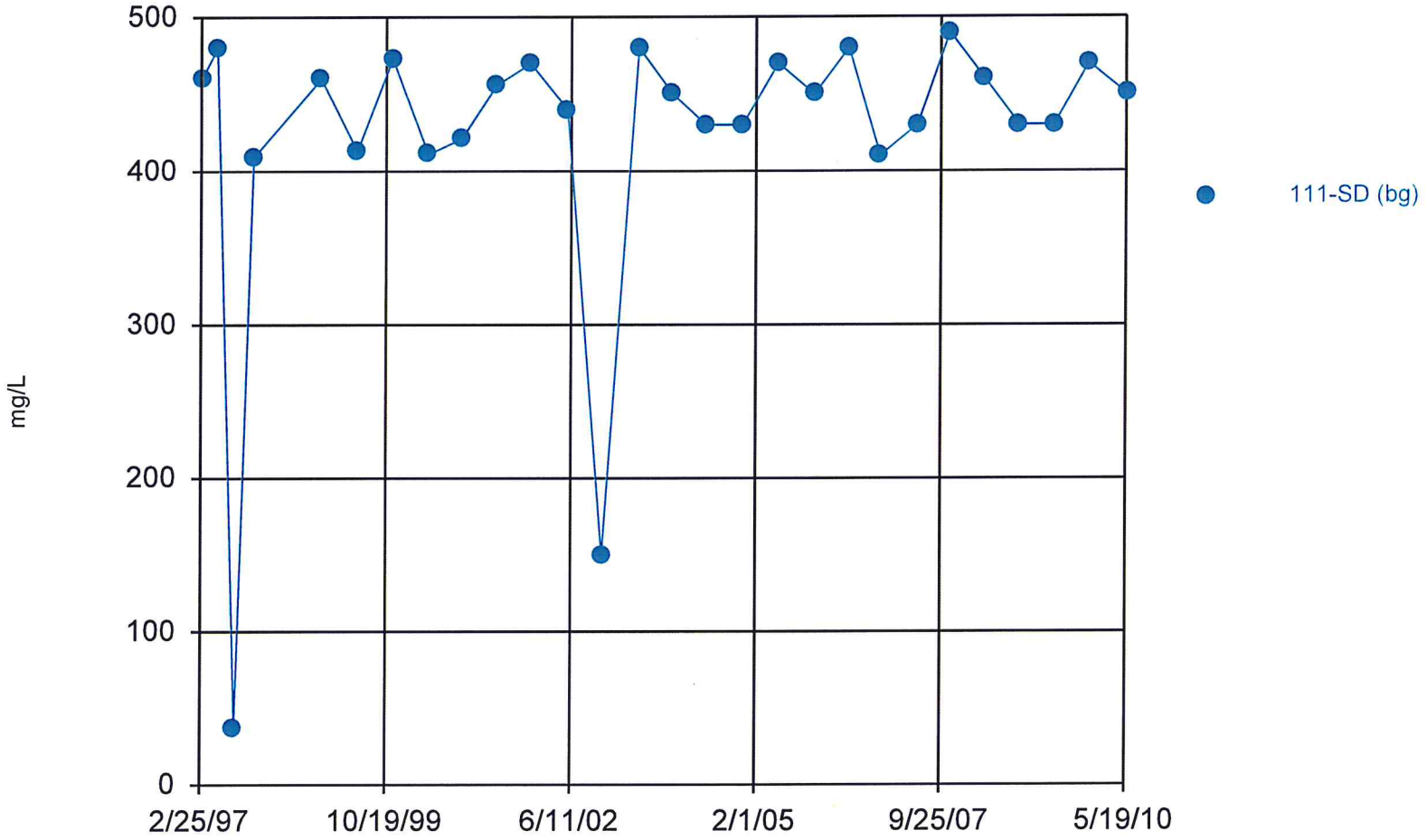


Constituent: Fluoride Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

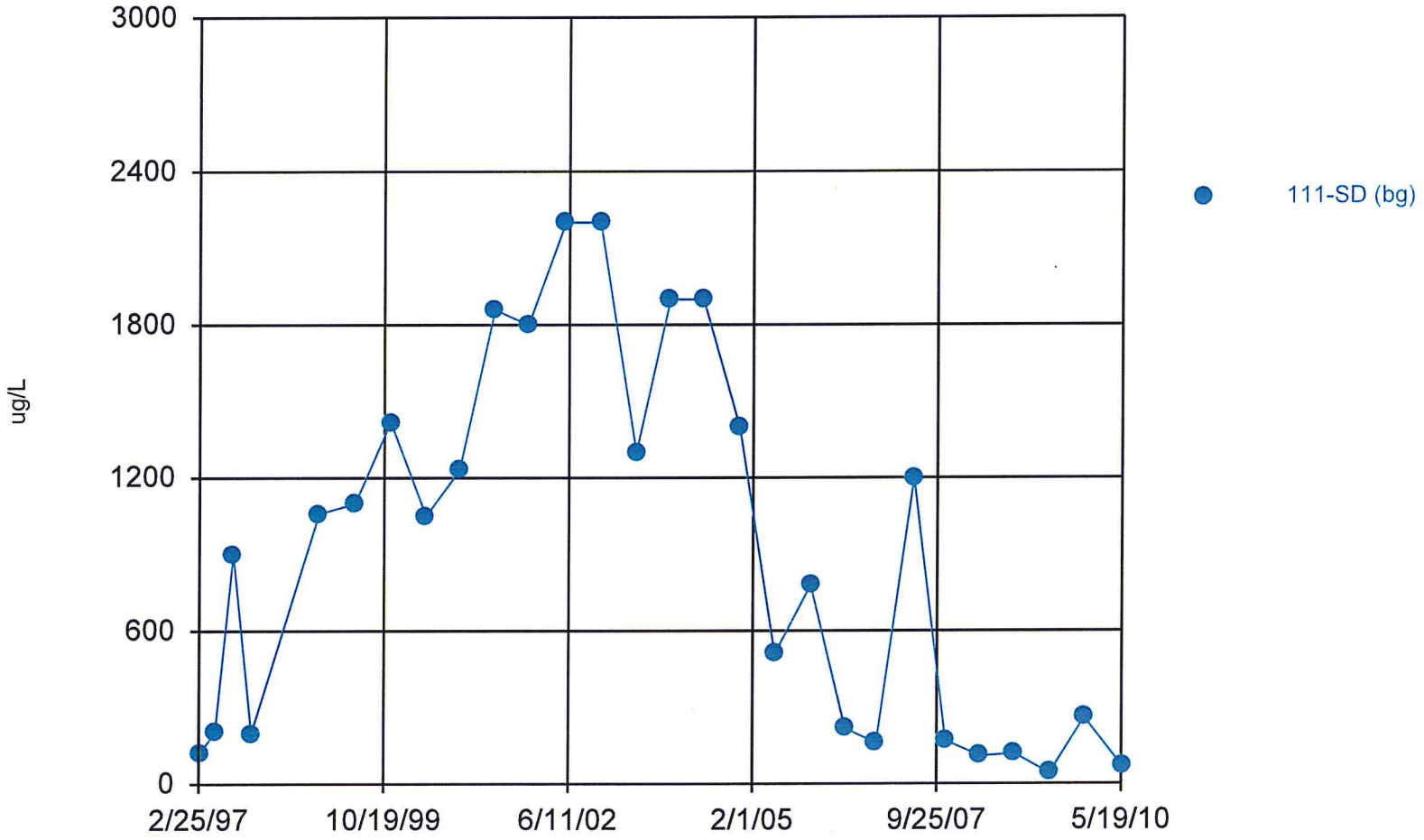


Constituent: Hardness Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

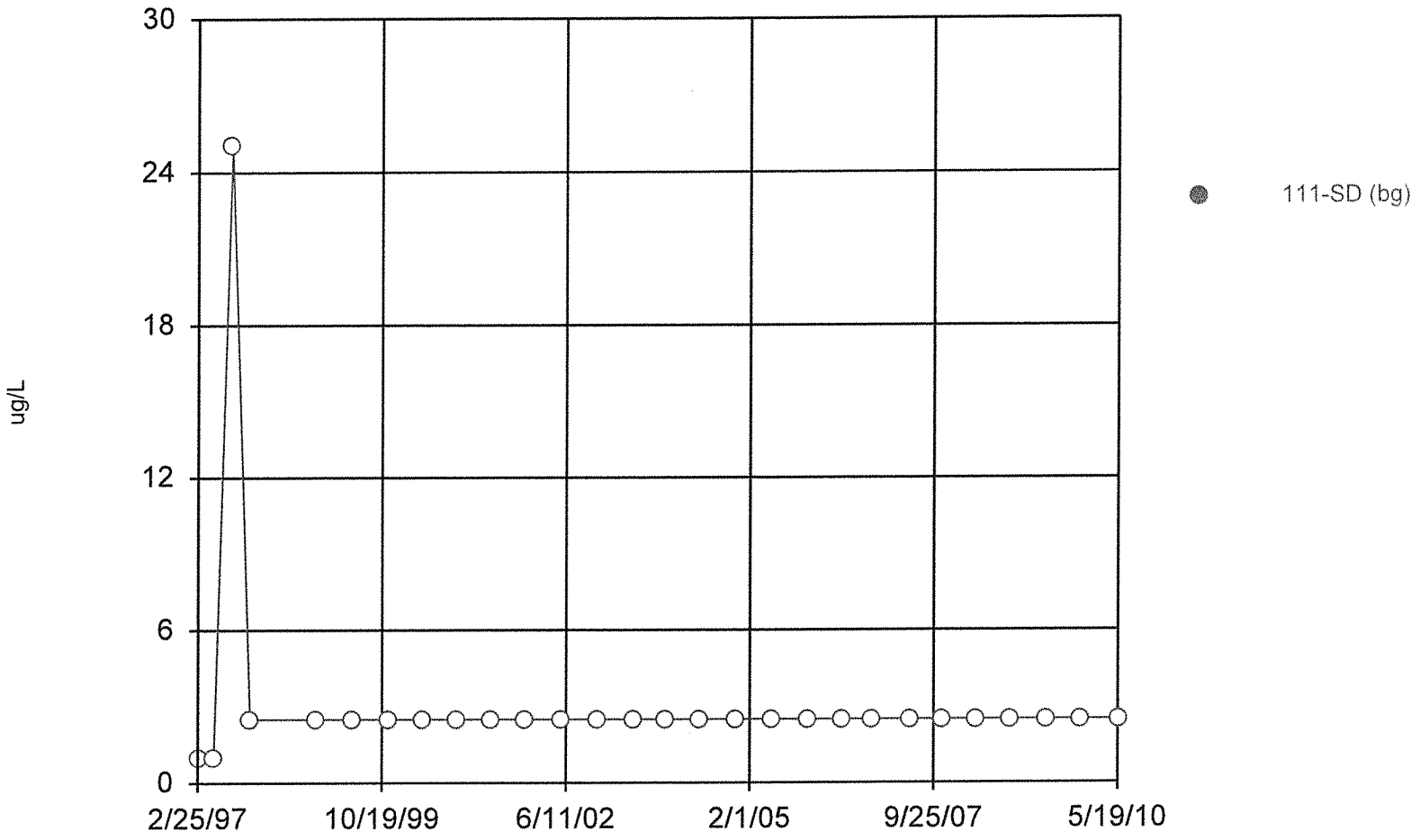


Constituent: Iron Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

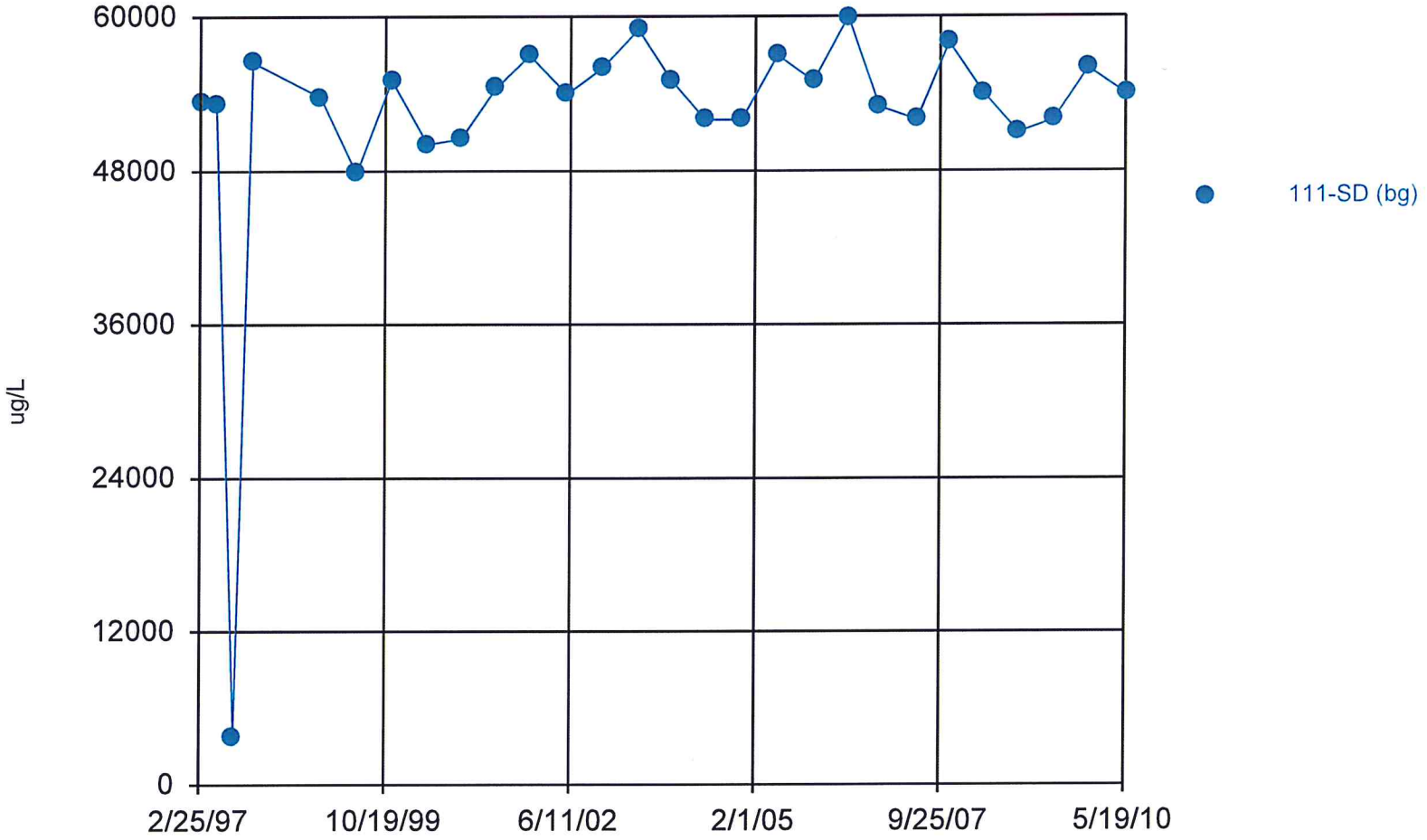


Constituent: Lead Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

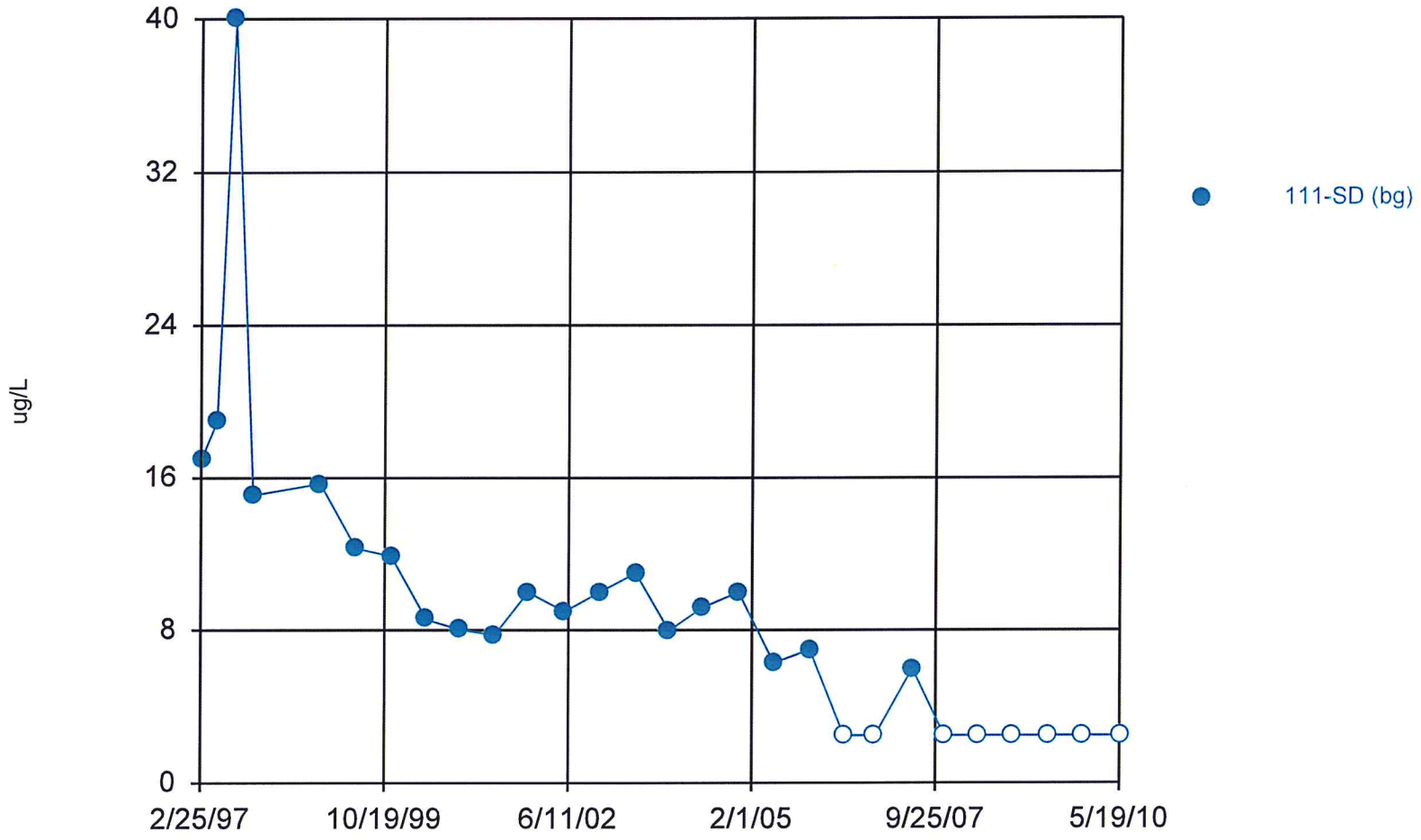


Constituent: Magnesium Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

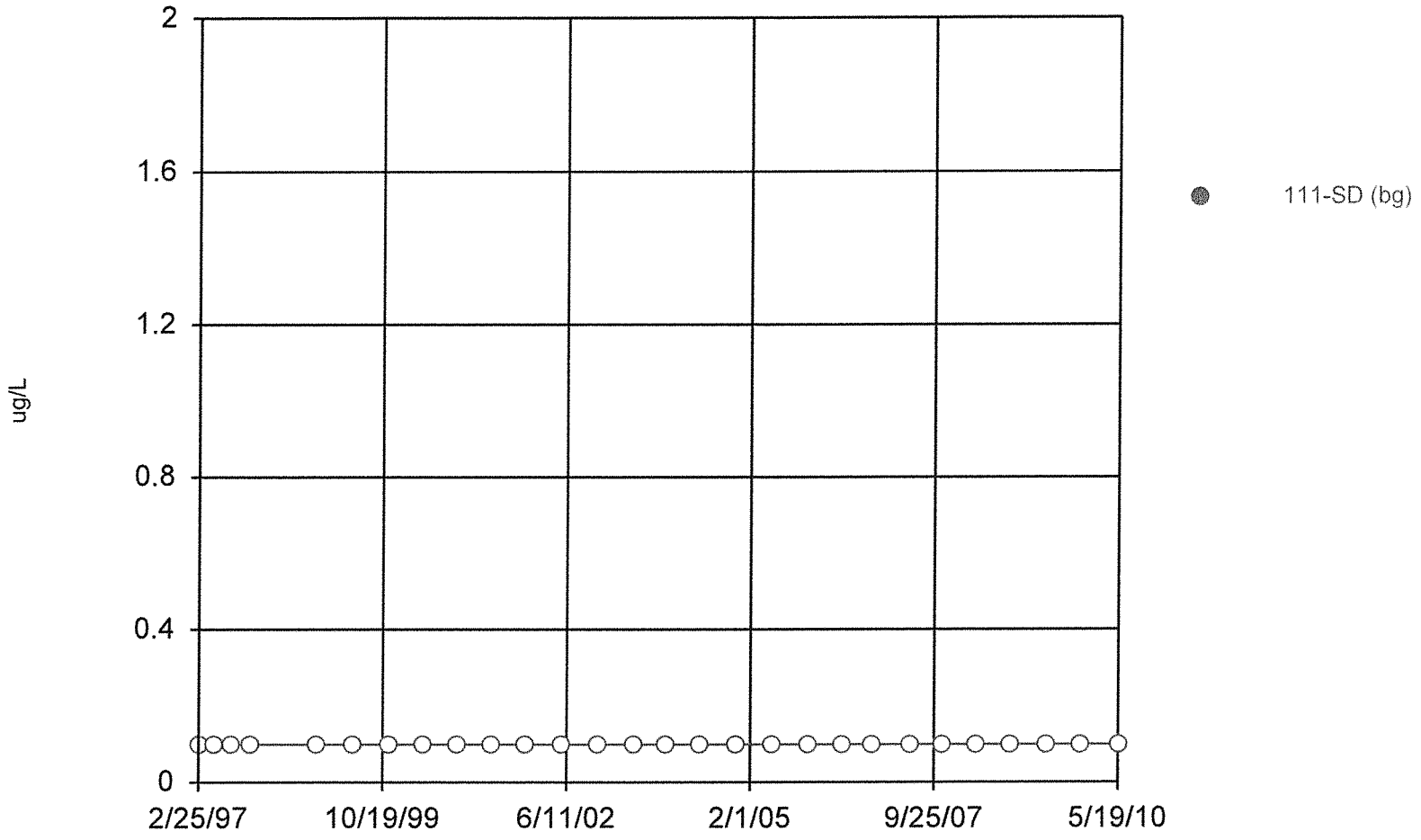


Constituent: Manganese Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

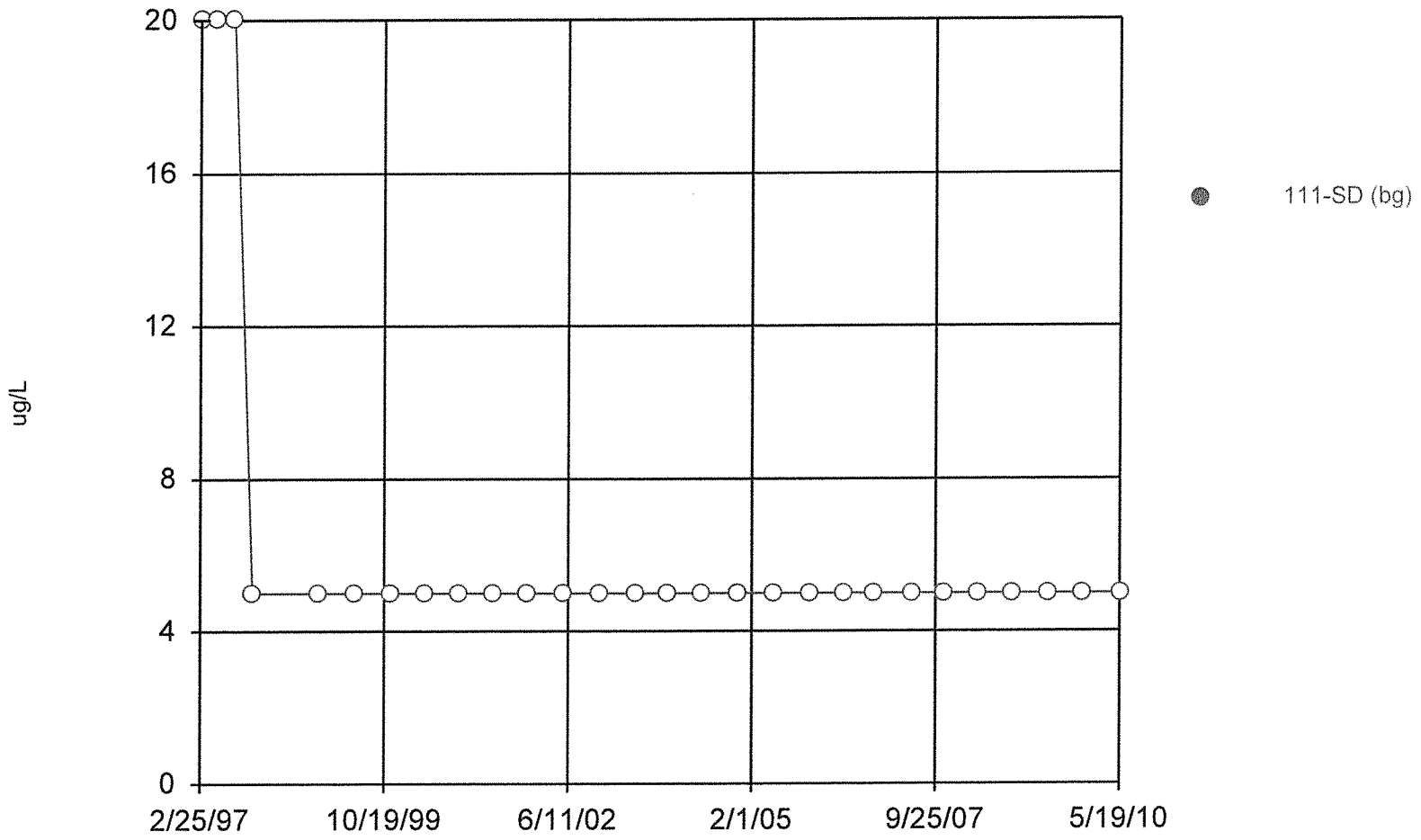


Constituent: Mercury Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

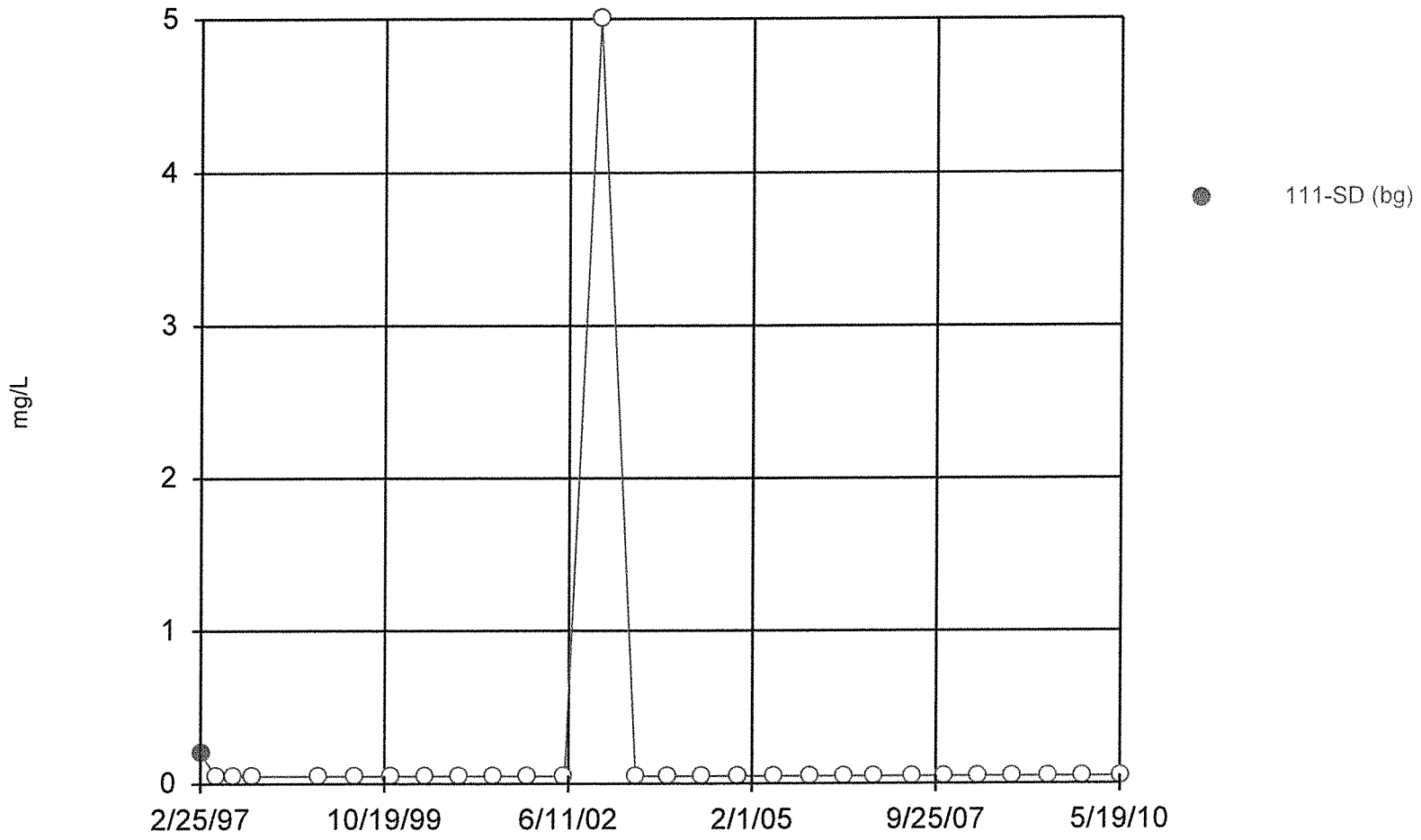


Constituent: Nickel Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

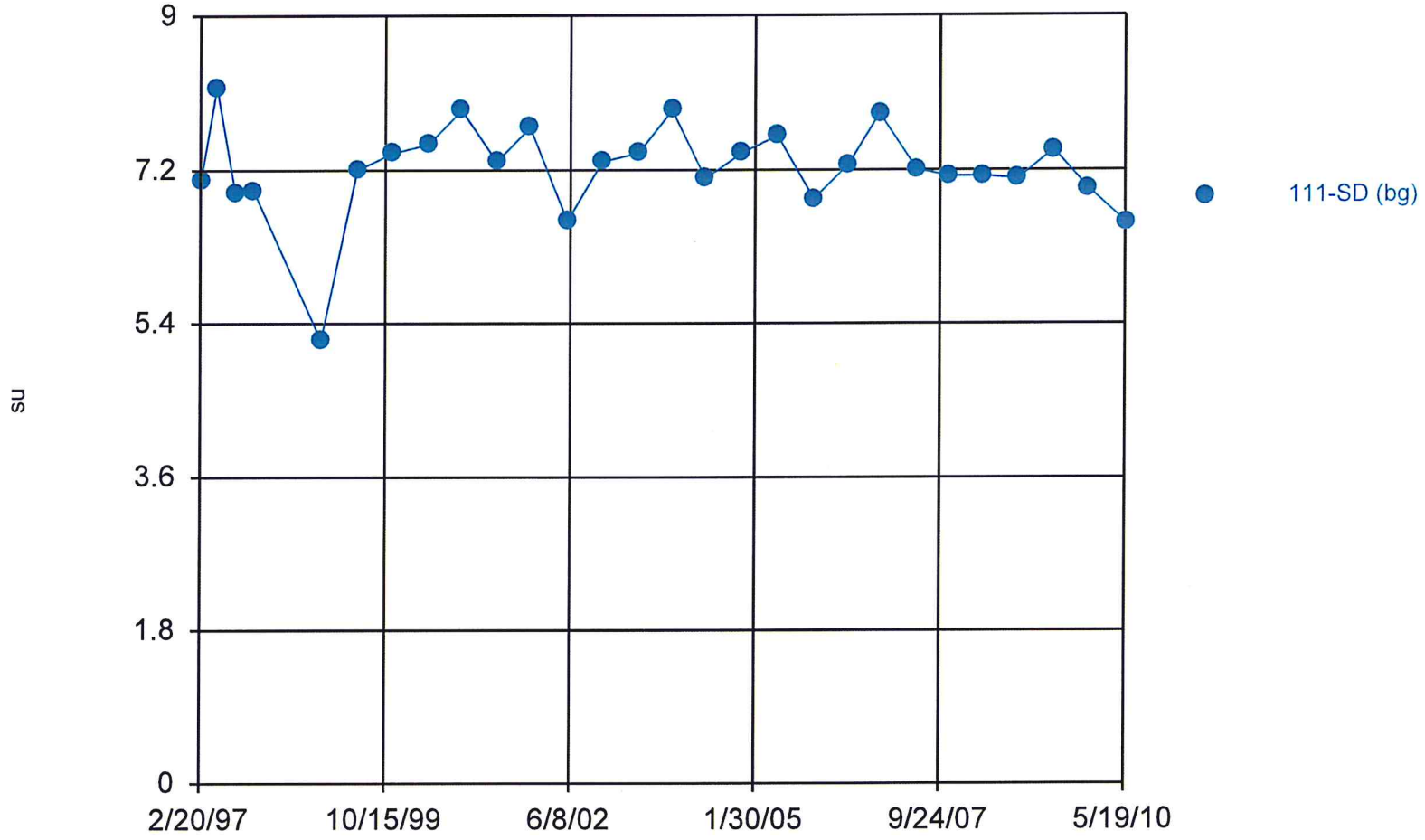


Constituent: Nitrate/Nitrite Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

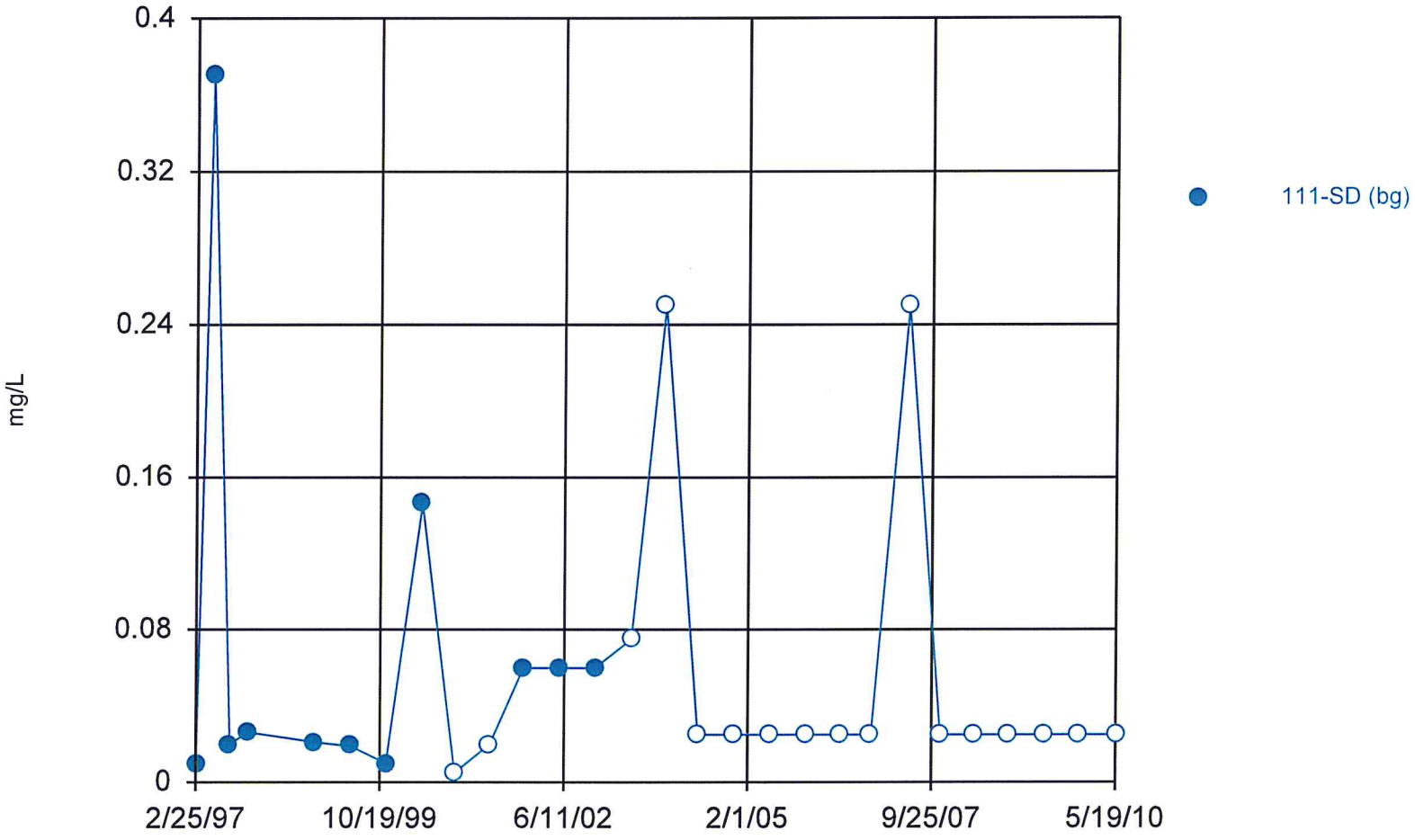


Constituent: pH [Field] Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

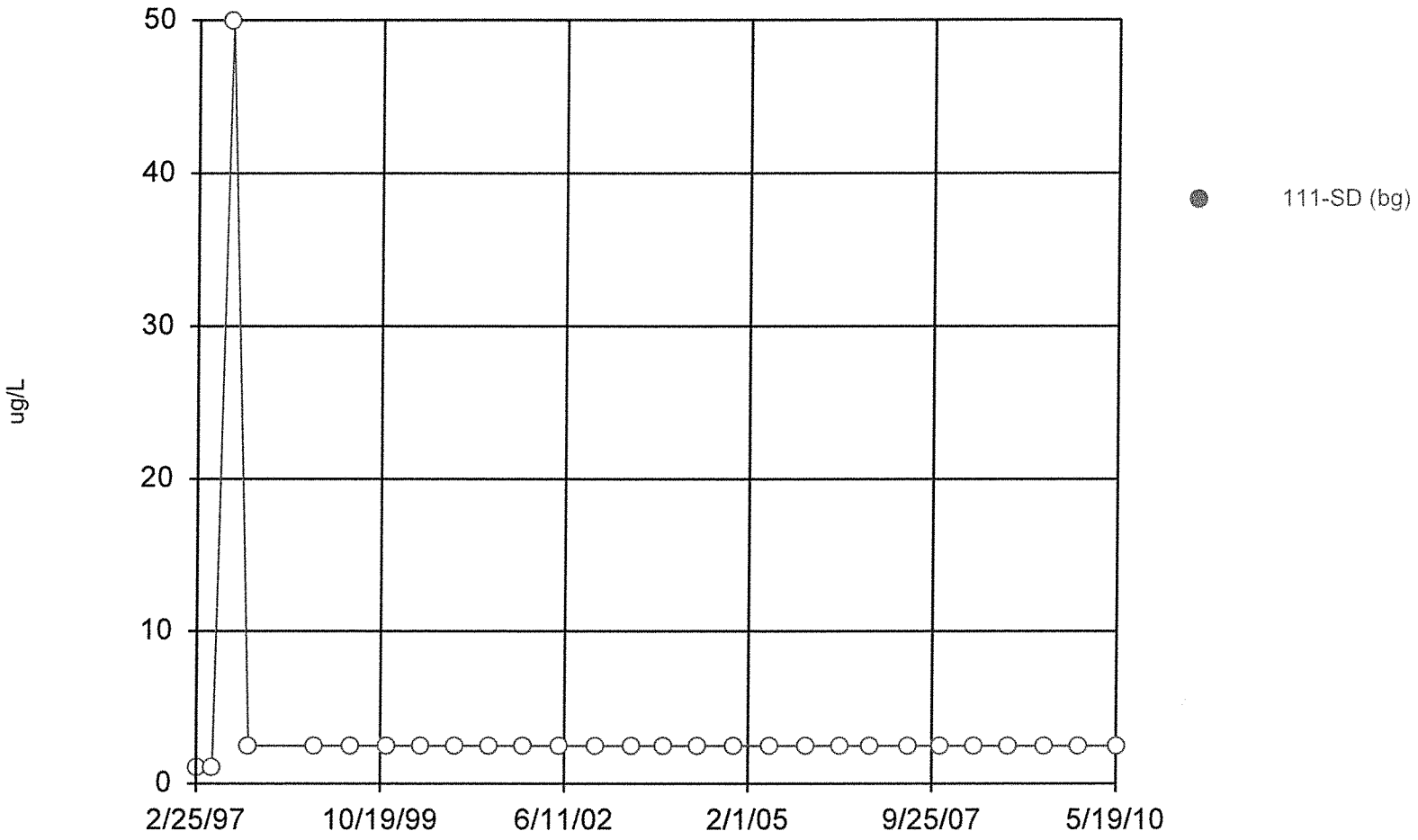


Constituent: Phosphorus Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

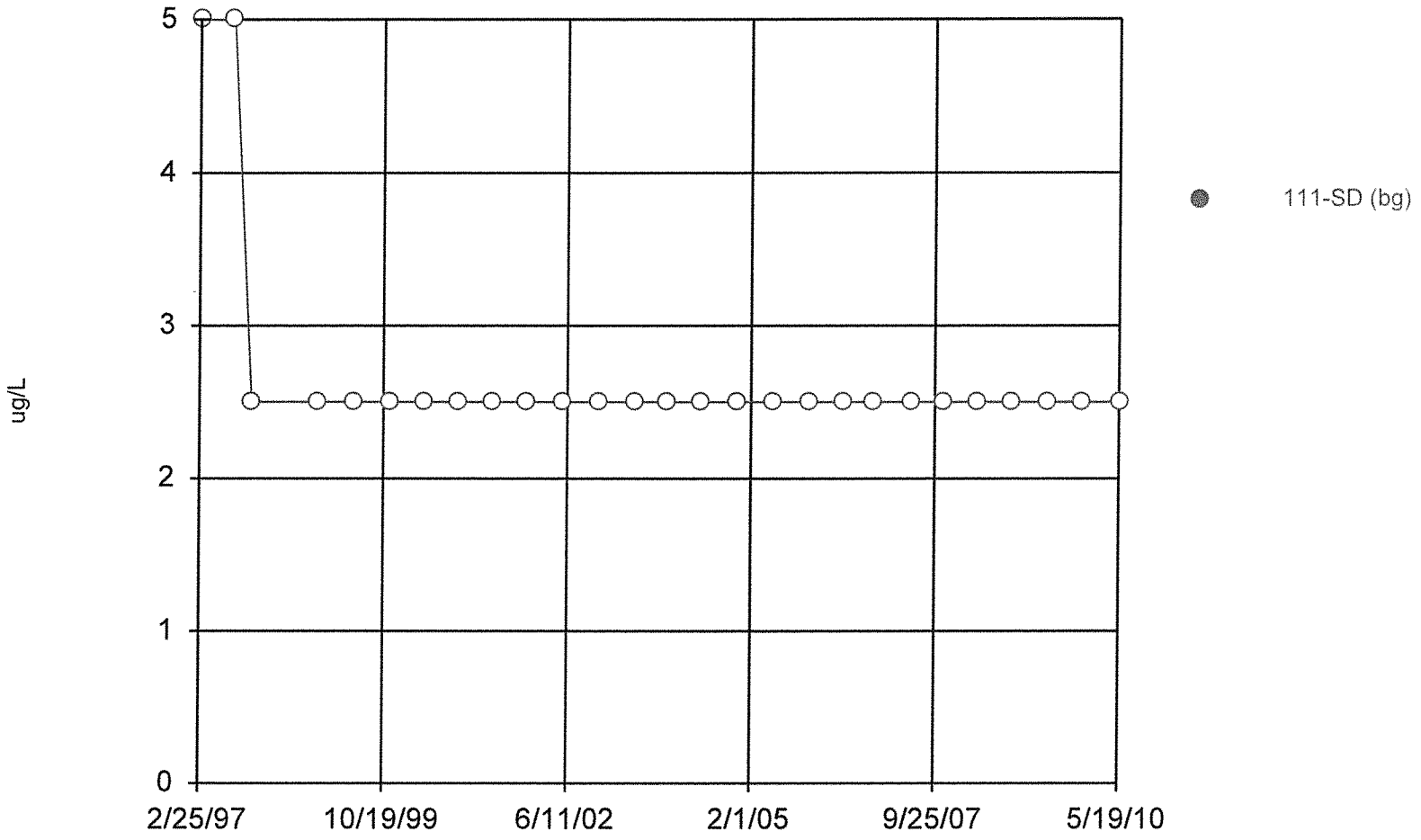


Constituent: Selenium Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

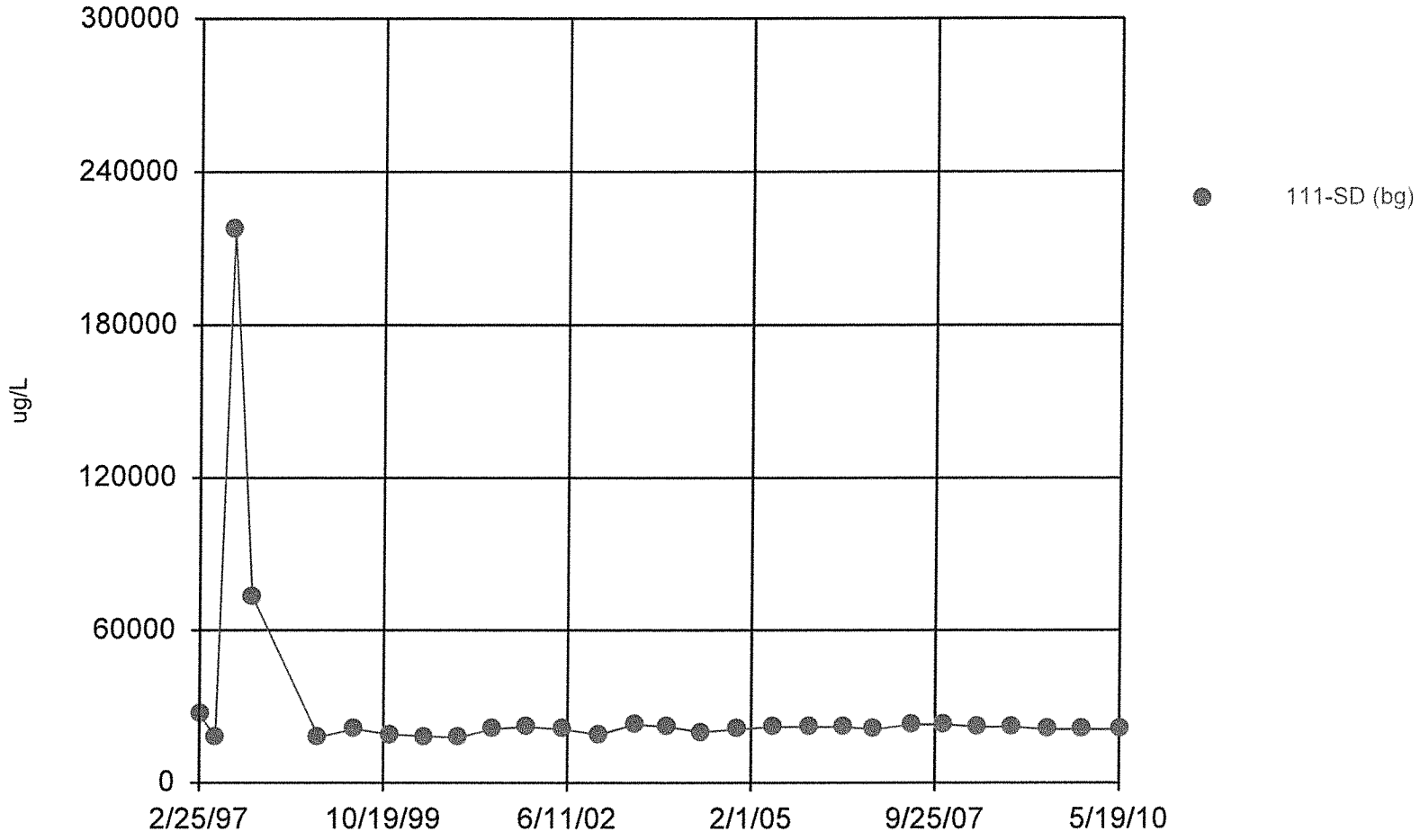


Constituent: Silver Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

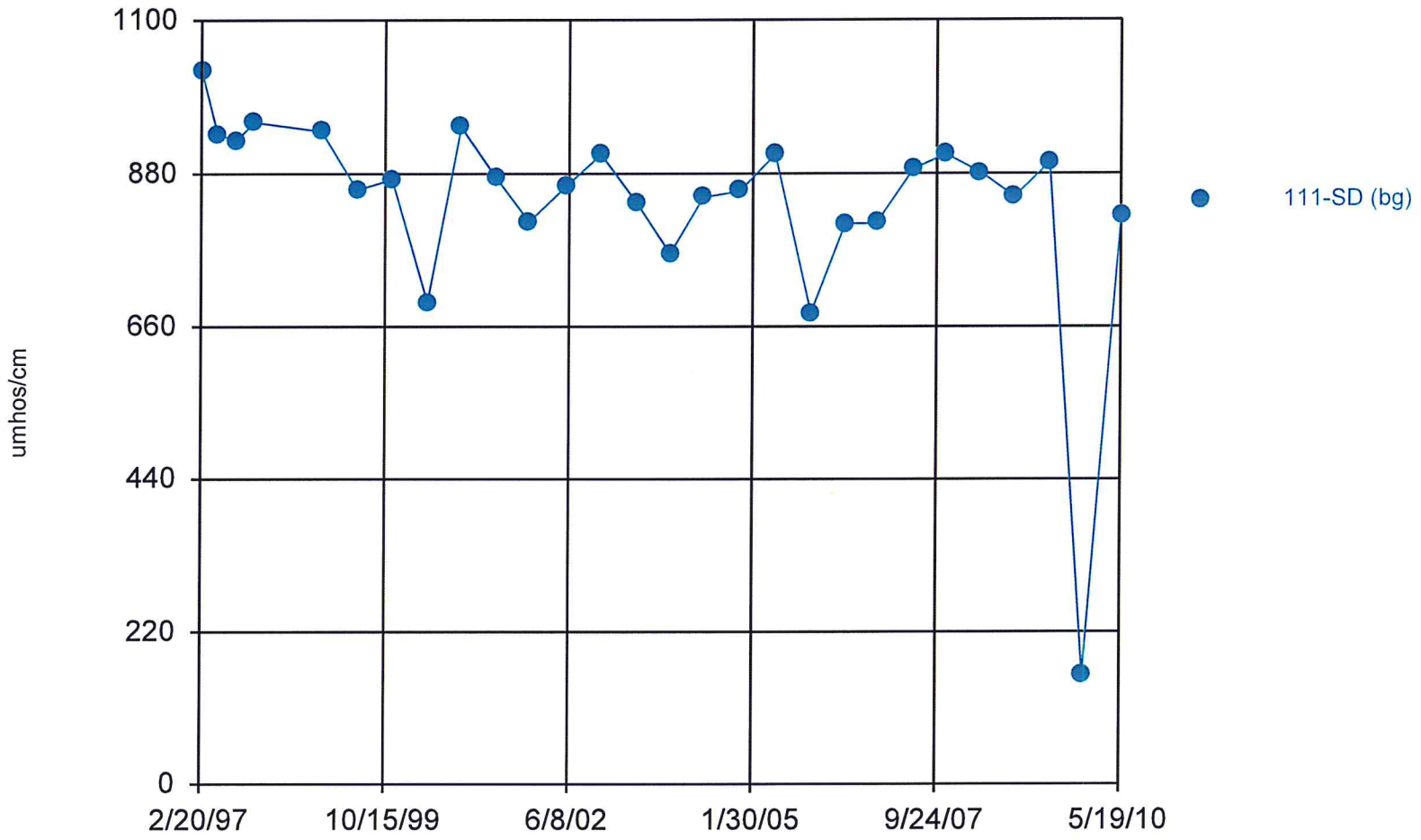


Constituent: Sodium Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

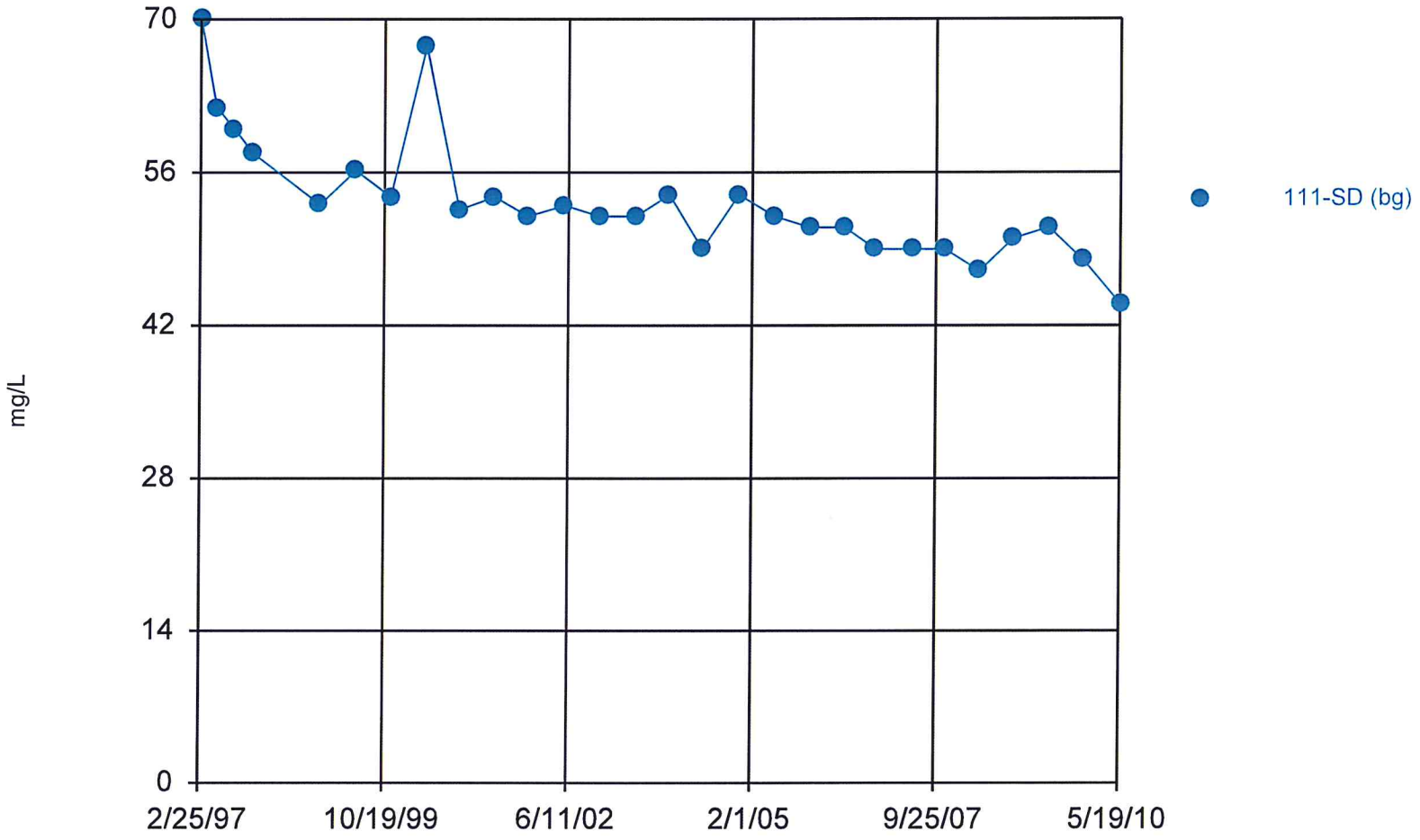


Constituent: Specific Conductance [Field] Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

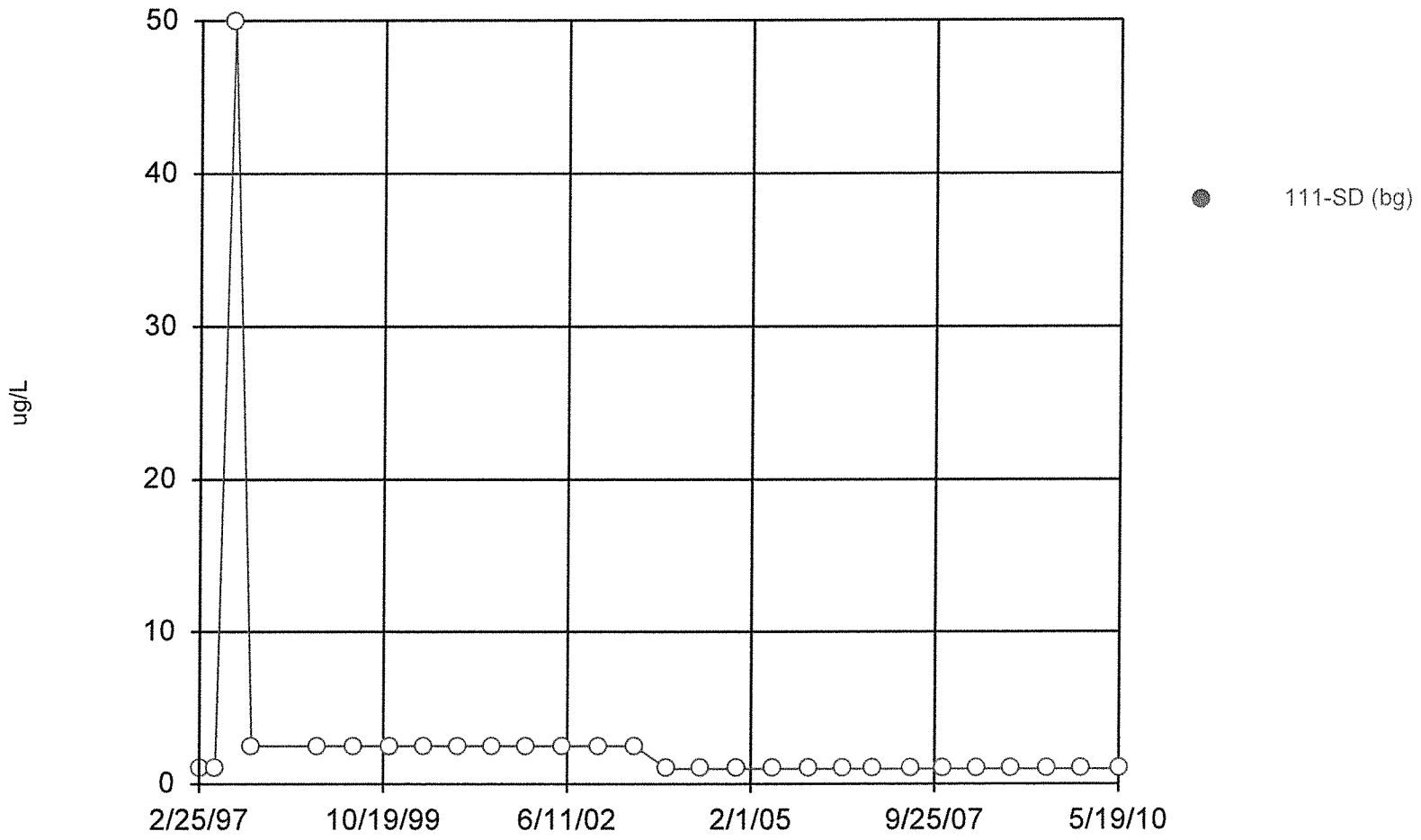


Constituent: Sulfate as SO4 Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

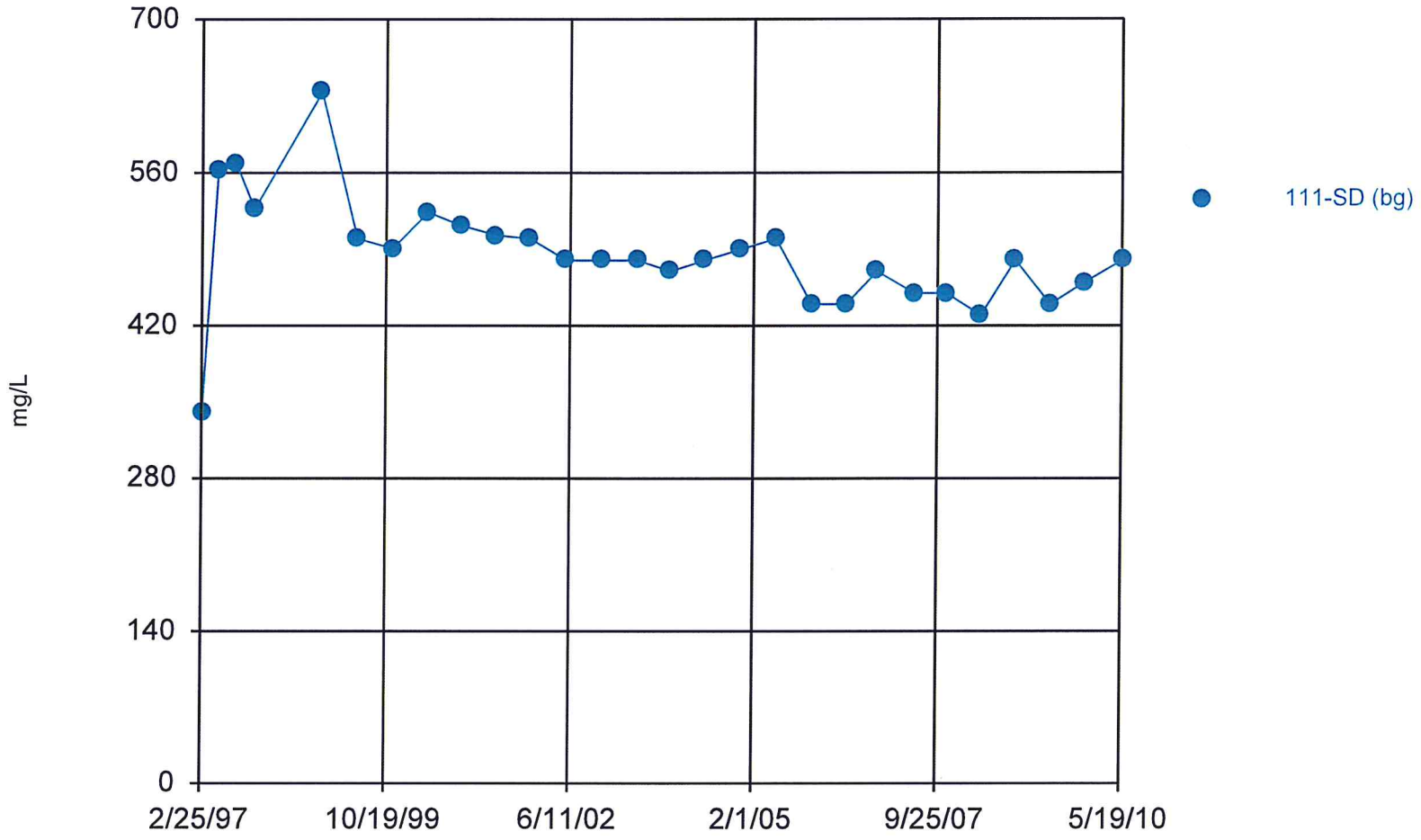


Constituent: Thallium Total Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Time Series

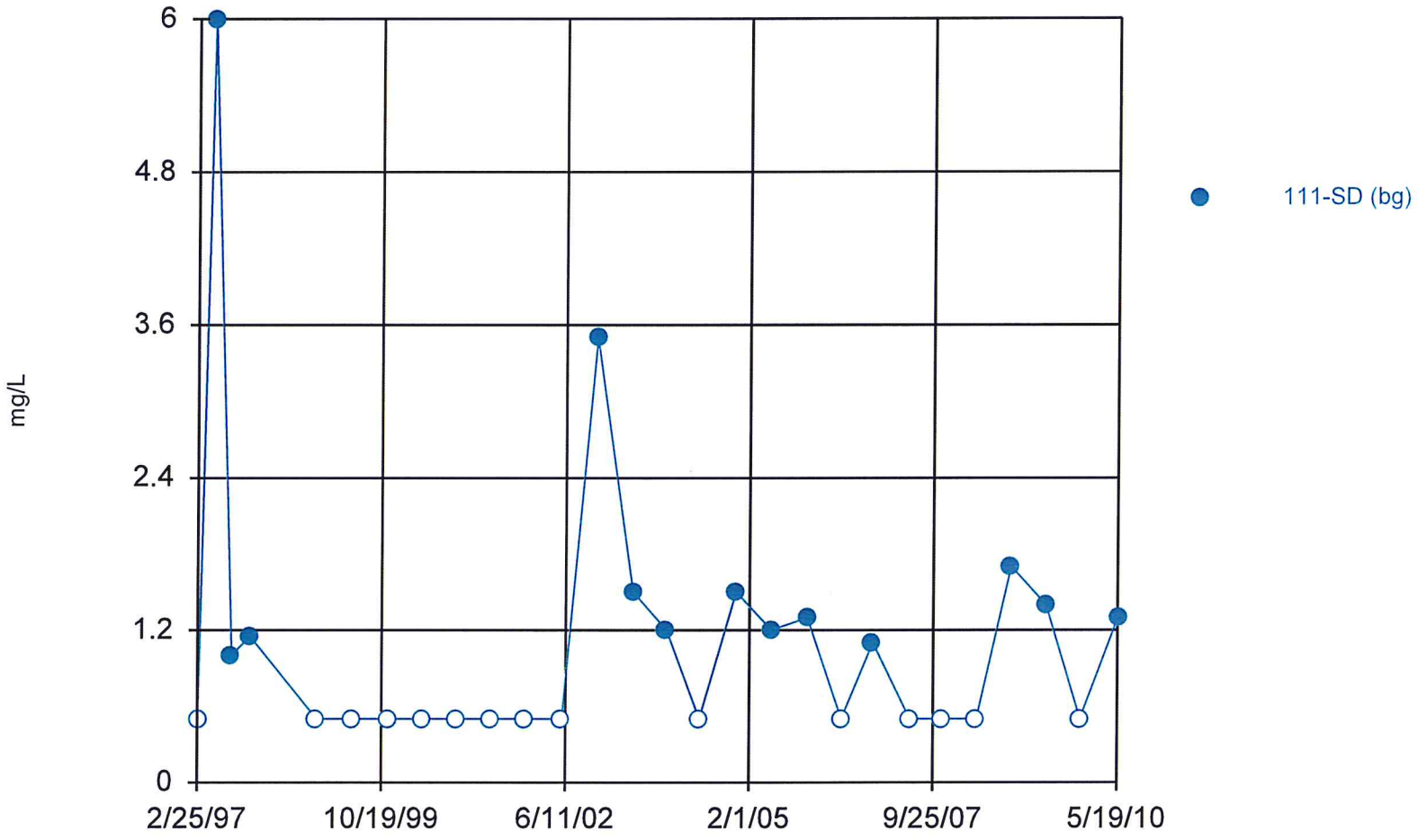


Constituent: Total Dissolved Solids [TDS] Analysis Run 10/25/2010 9:45 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

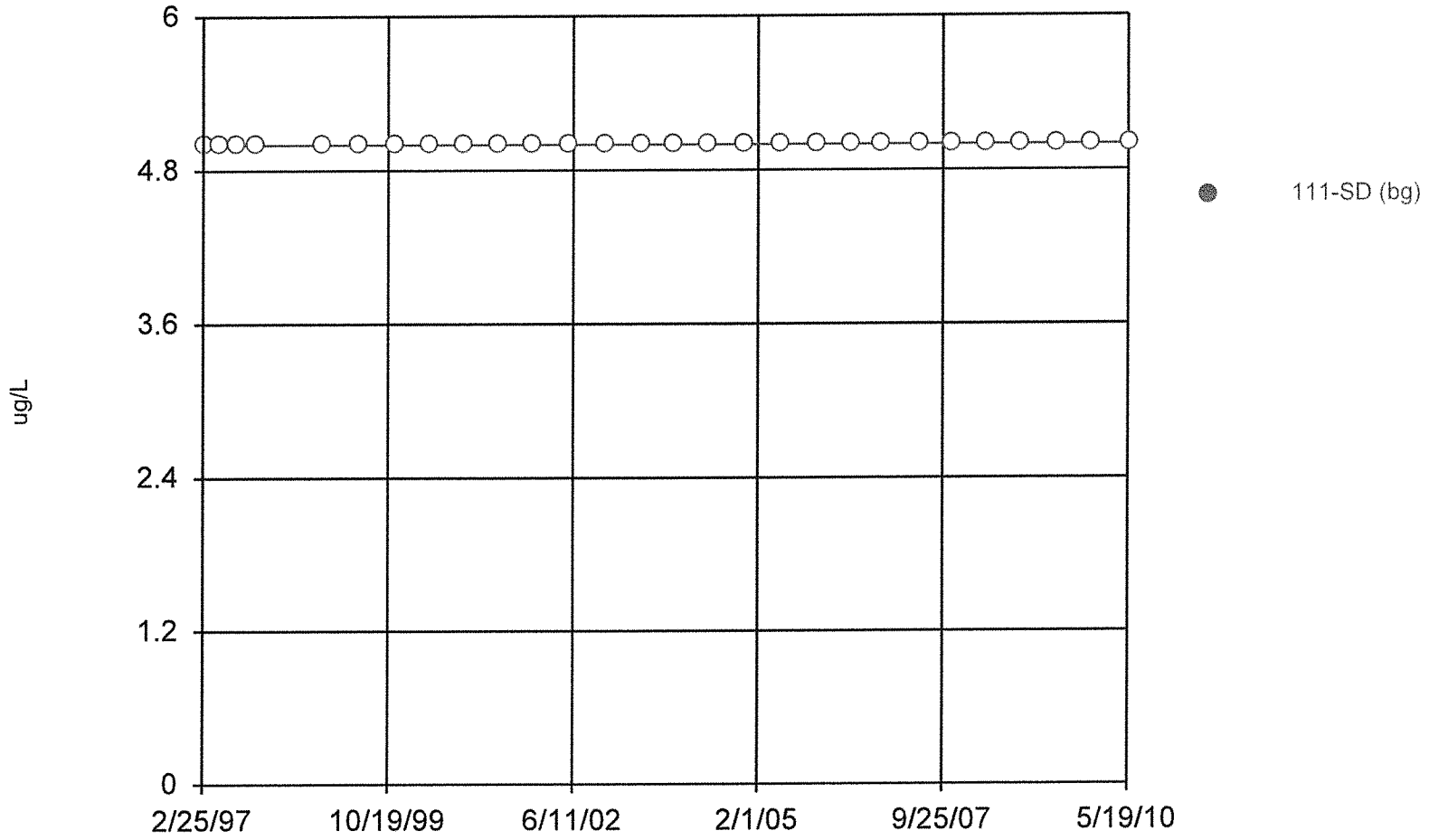


Constituent: Total Organic Carbon [TOC] Analysis Run 10/25/2010 9:46 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series

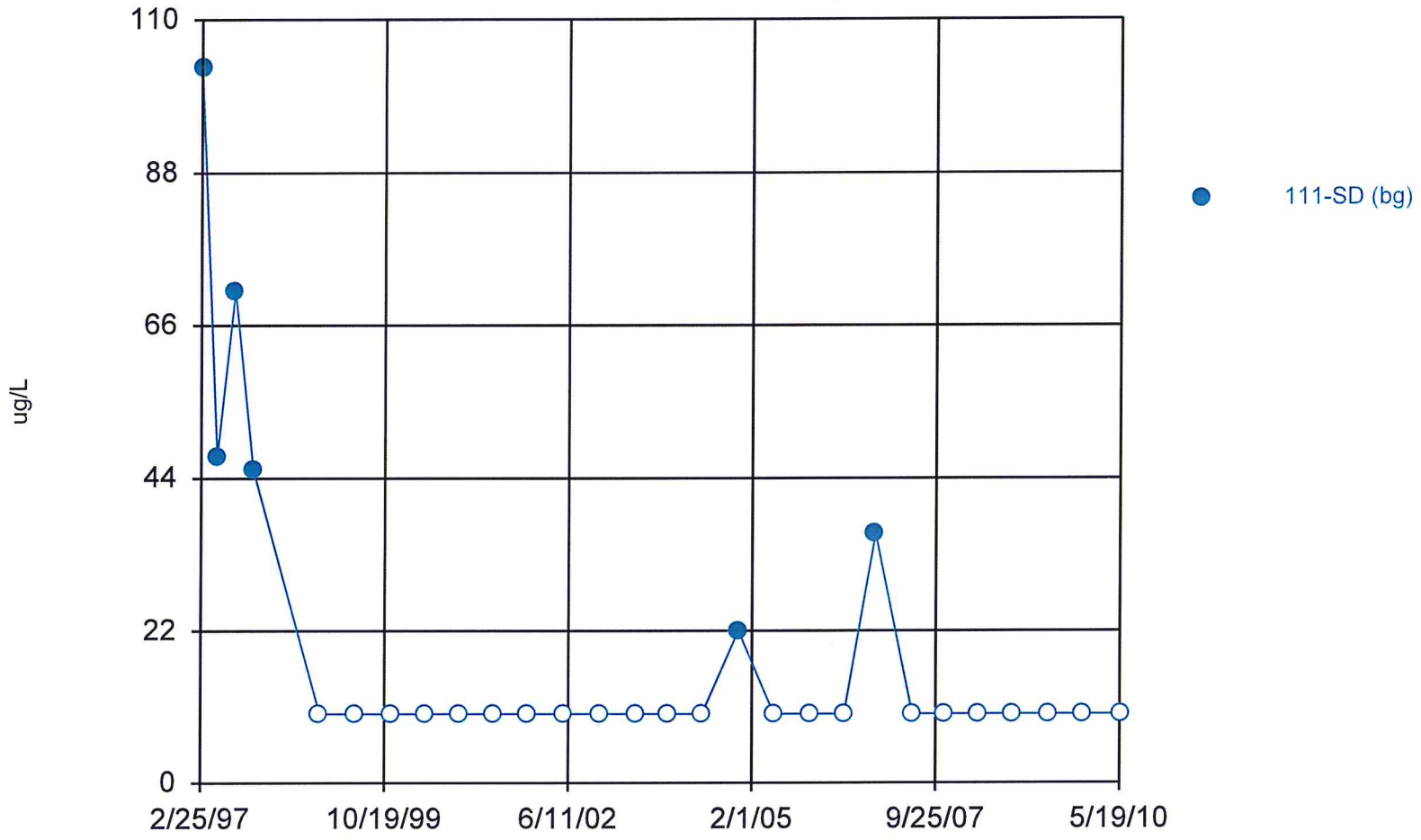


Constituent: Vanadium Total Analysis Run 10/25/2010 9:46 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG
Hollow symbols indicate censored values.

Time Series



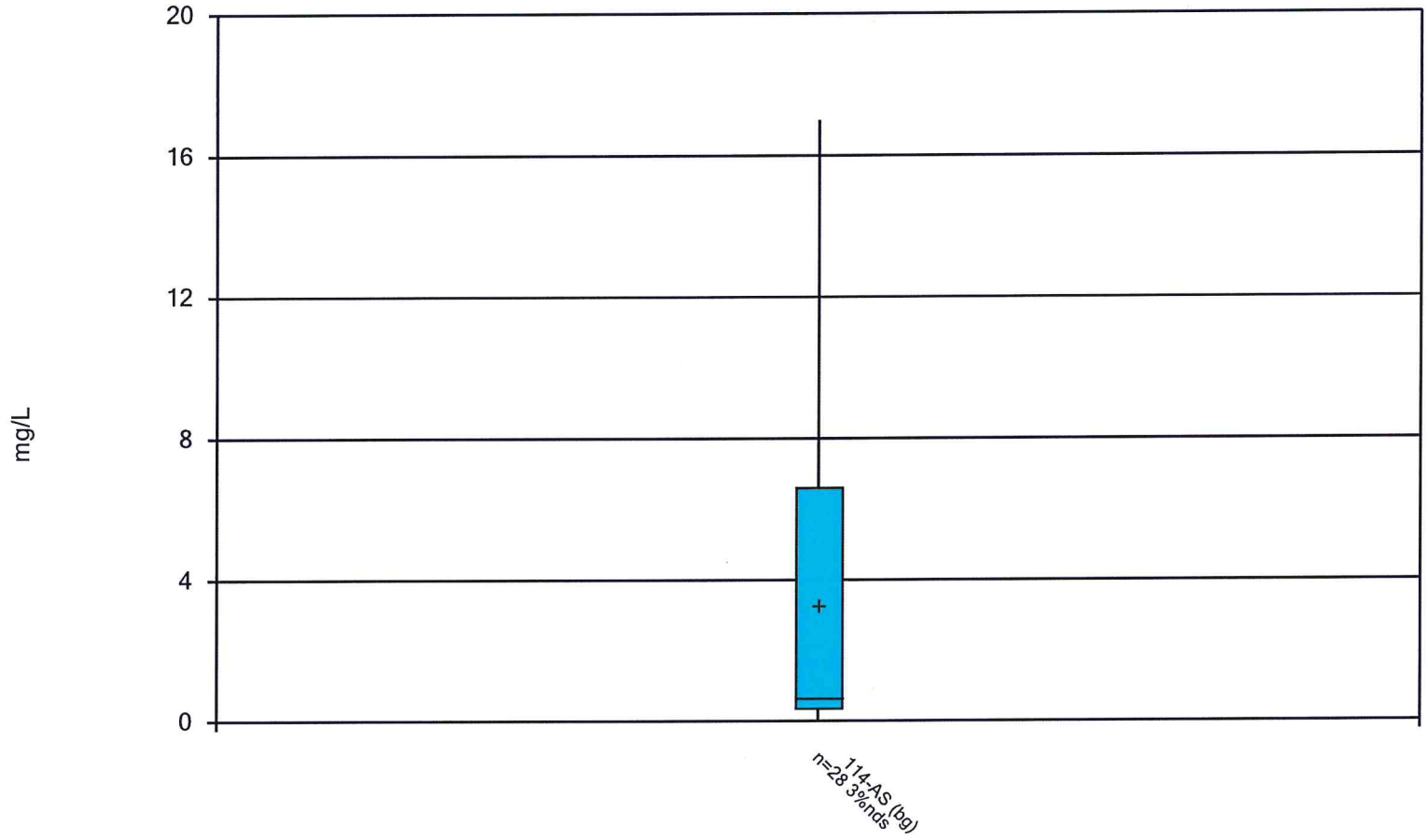
Constituent: Zinc Total Analysis Run 10/25/2010 9:46 AM

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

Appendix C
Box and Whisker Plots of Historical Groundwater Monitoring Data

v.9.1.18 n/a. UG

Box & Whiskers Plot

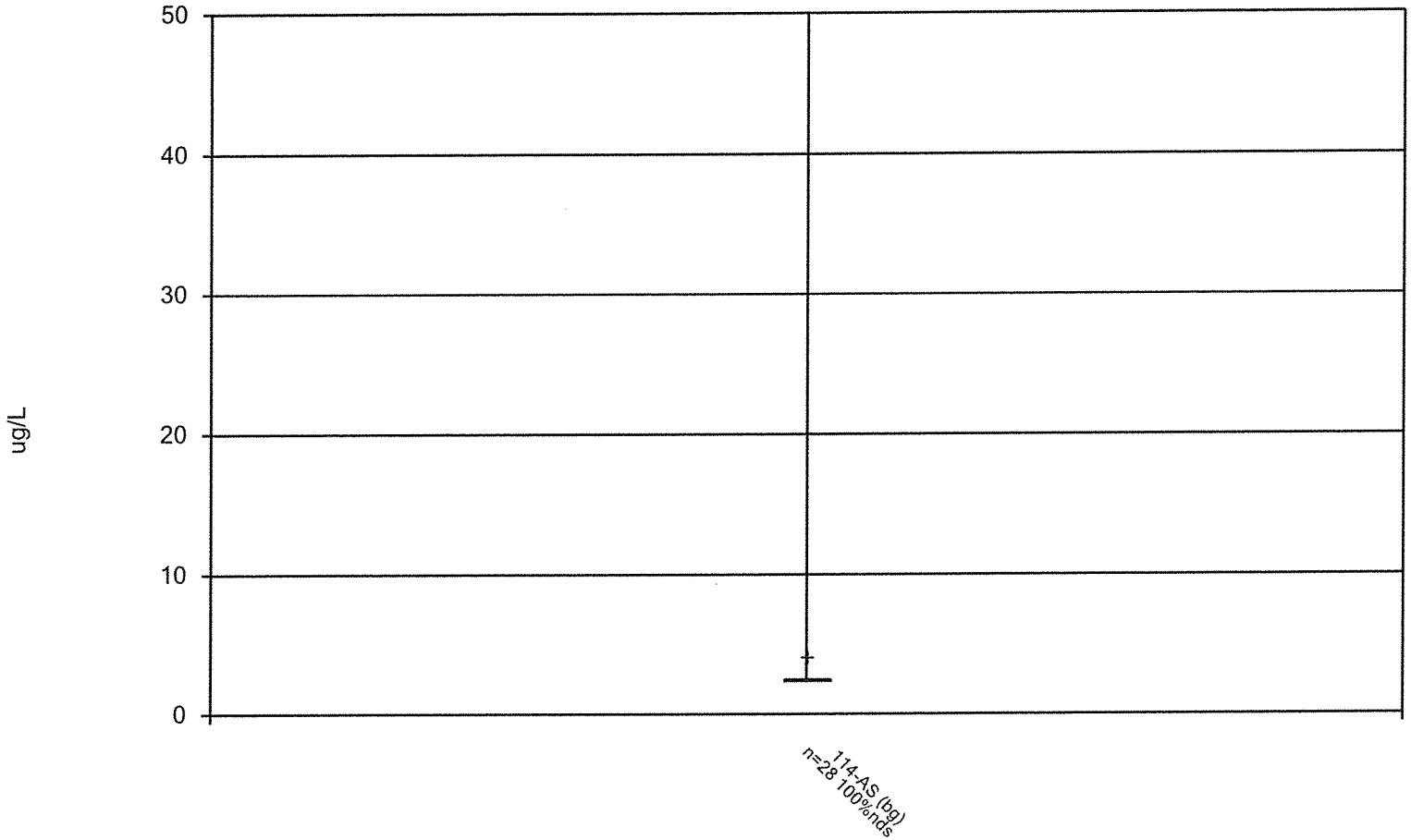


Constituent: Ammonia as N Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

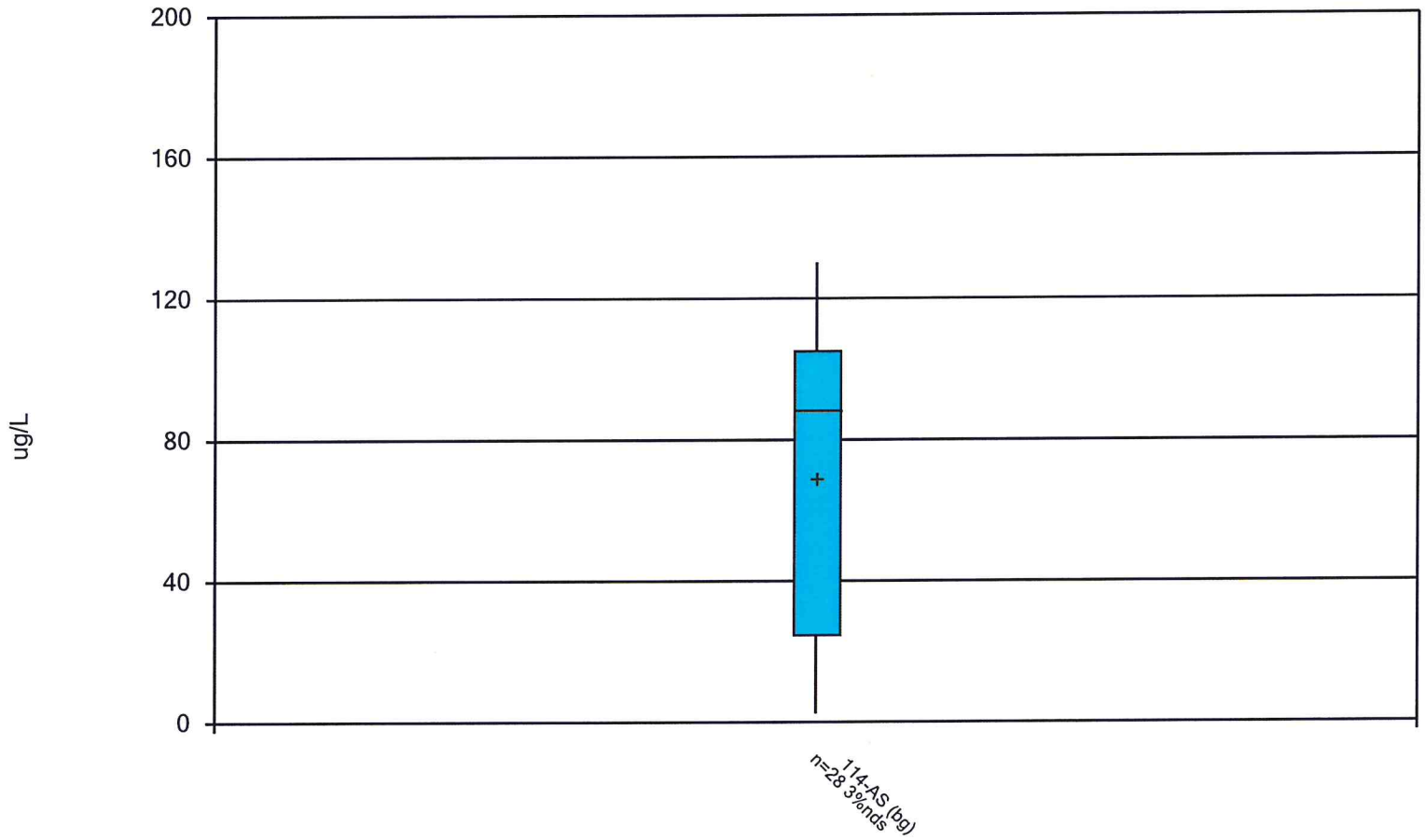


Constituent: Antimony Total Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

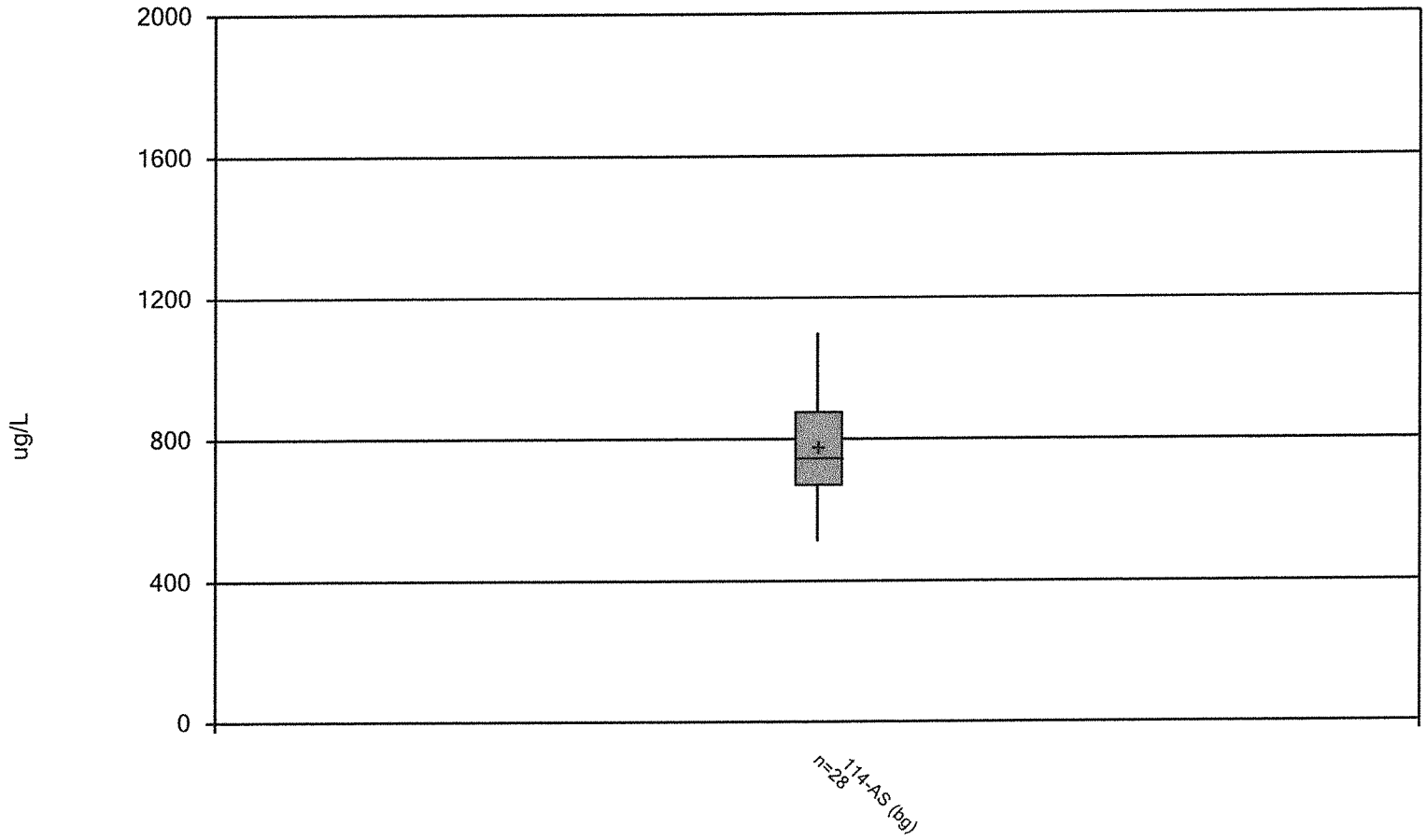


Constituent: Arsenic Total Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

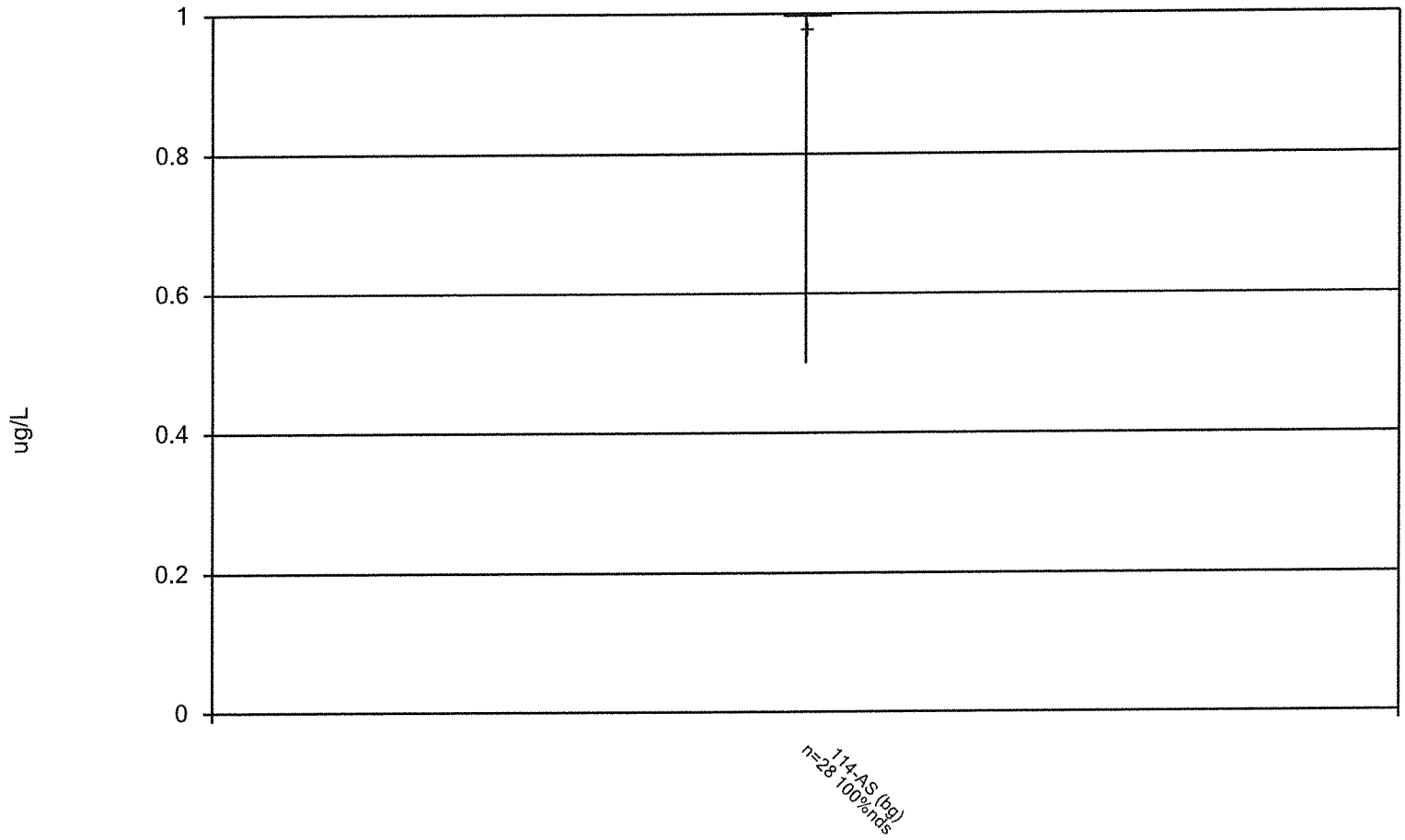


Constituent: Barium Total Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

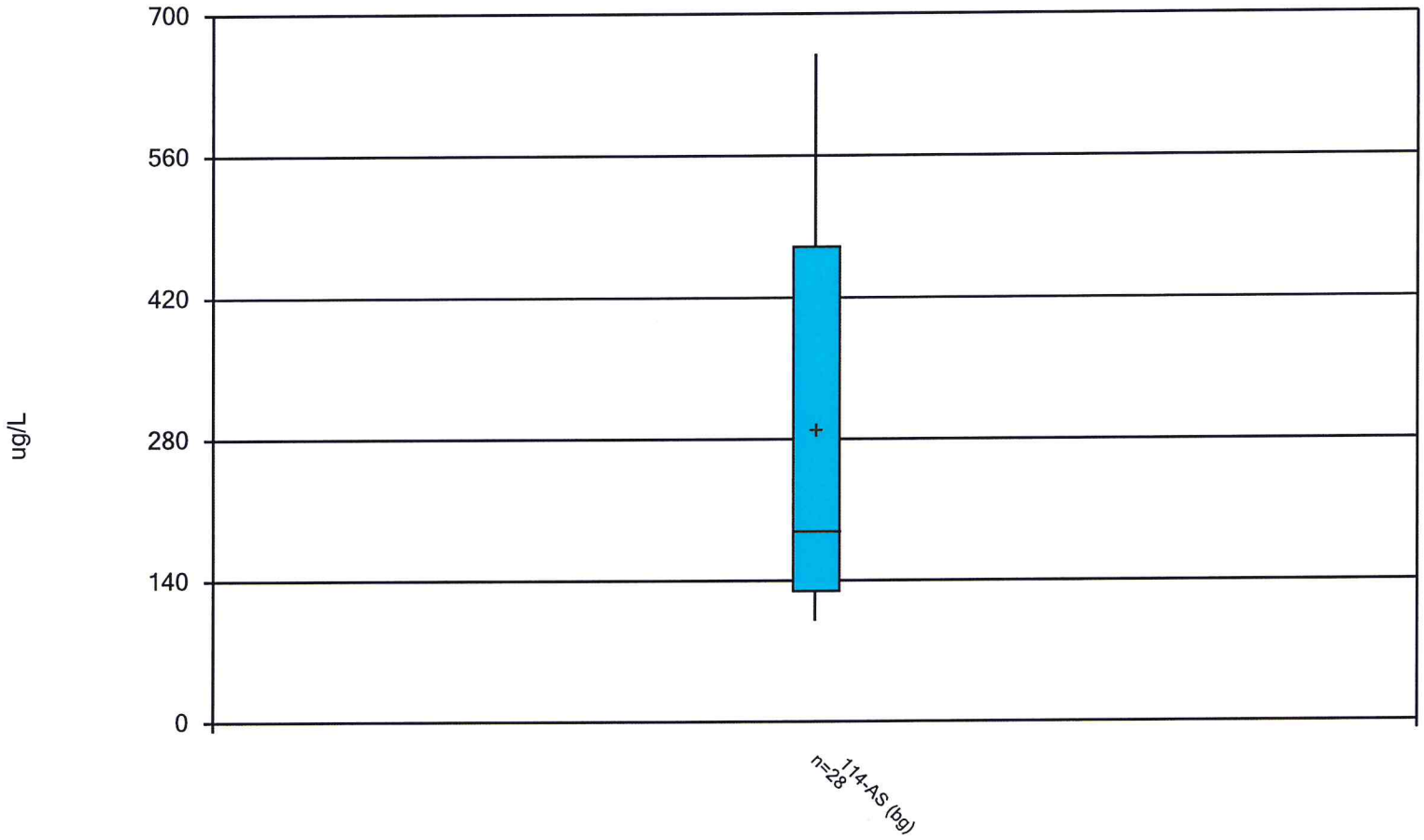


Constituent: Beryllium Total Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

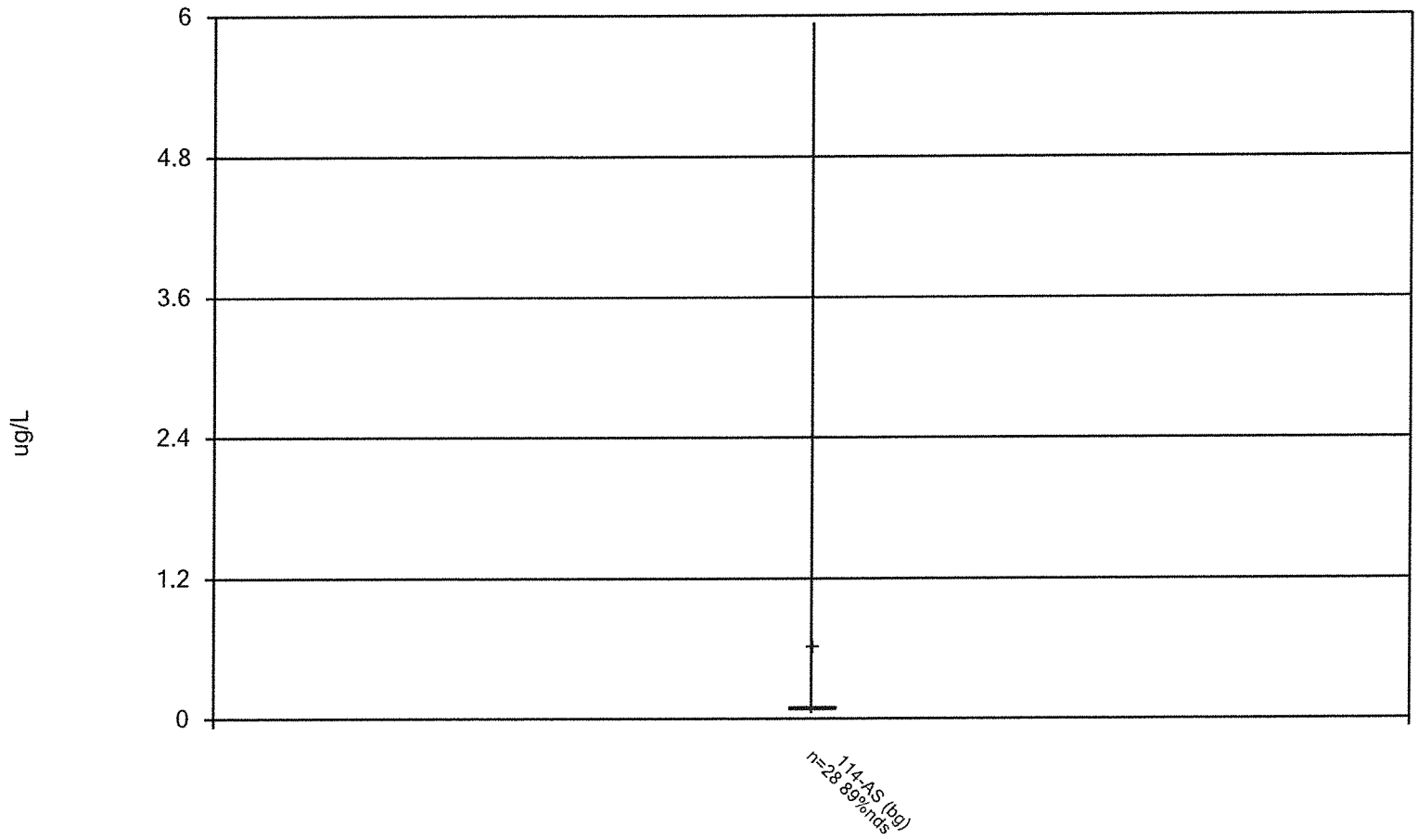


Constituent: Boron Total Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

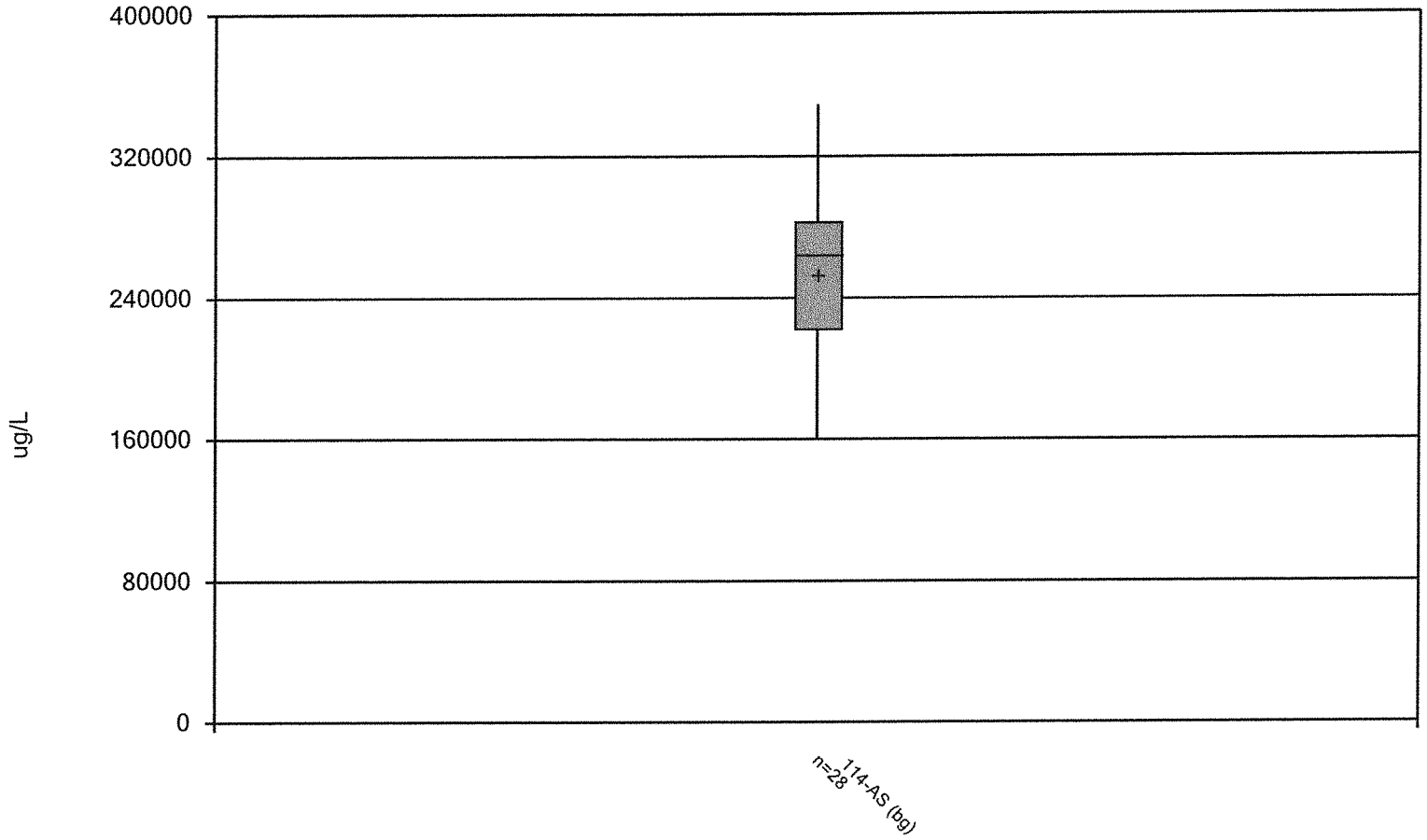


Constituent: Cadmium Total Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

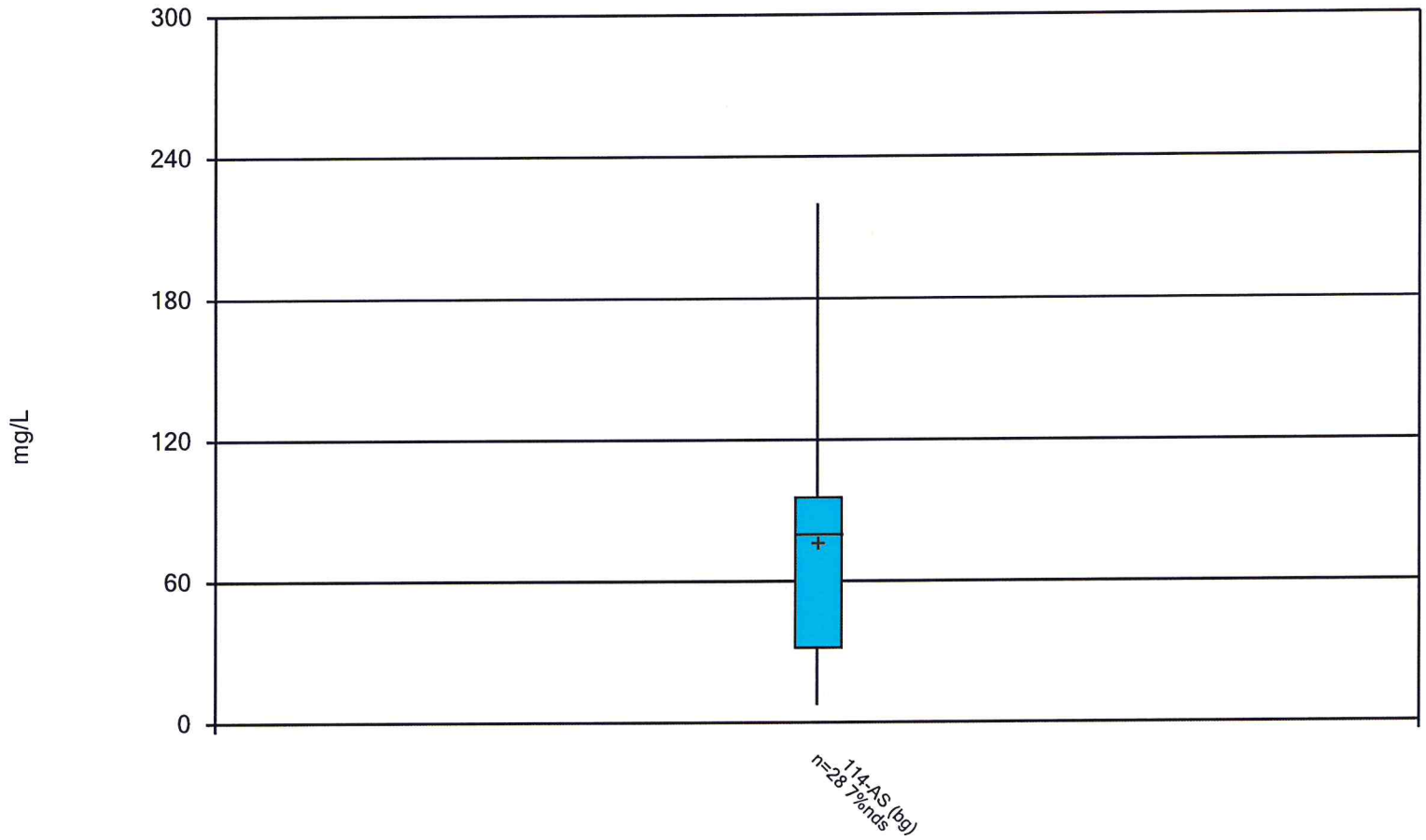


Constituent: Calcium Total Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

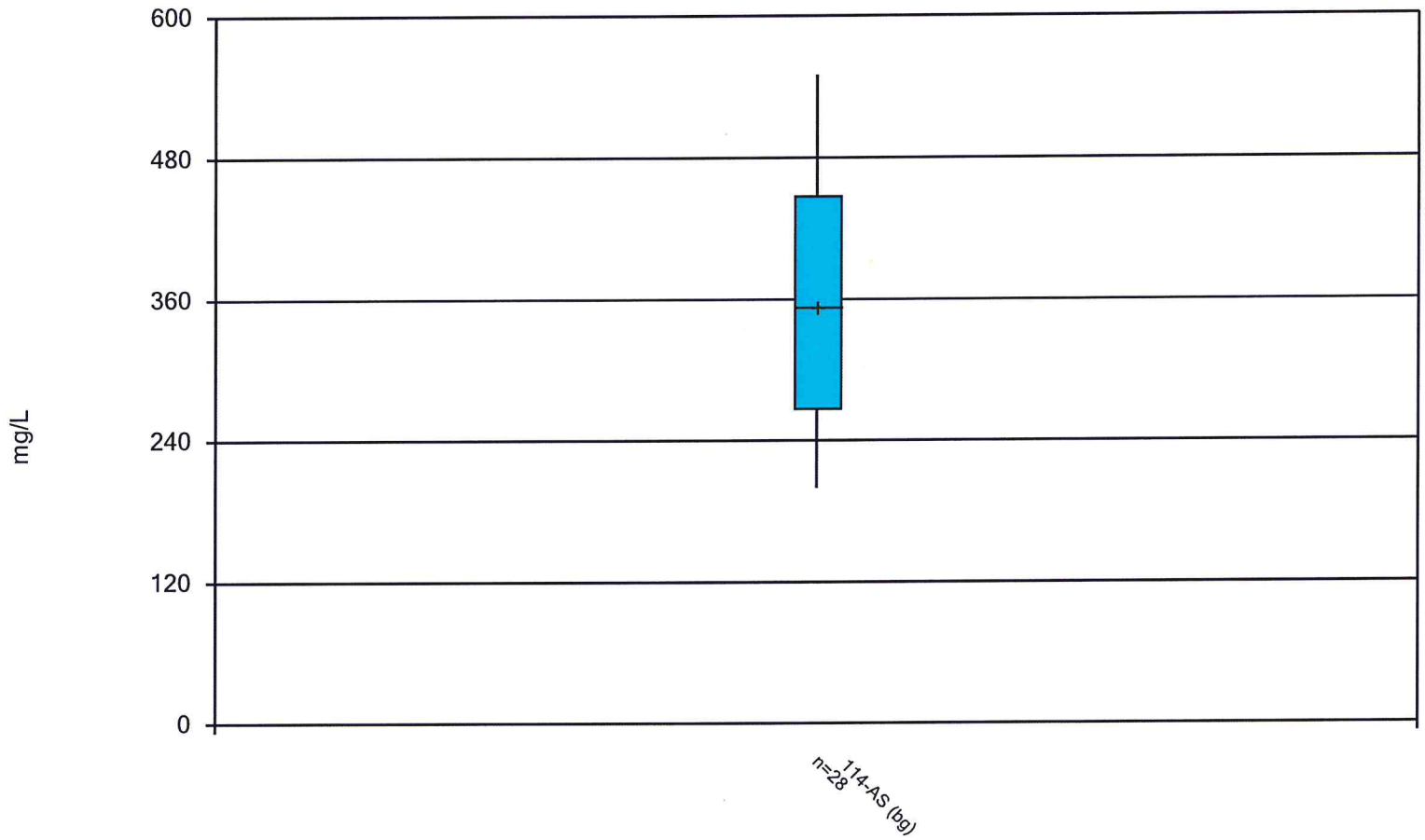


Constituent: Chemical Oxygen Demand [COD] Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

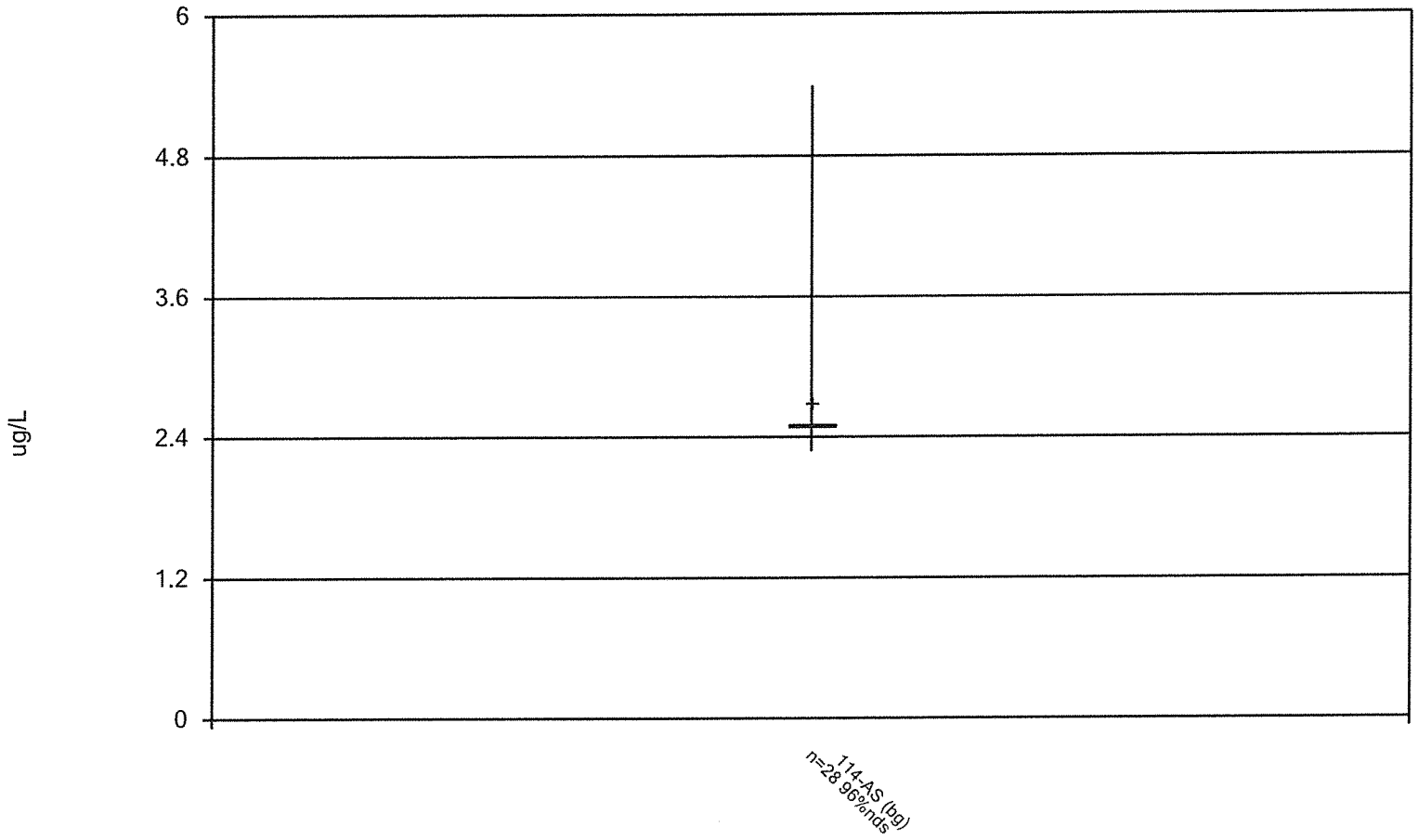


Constituent: Chloride Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

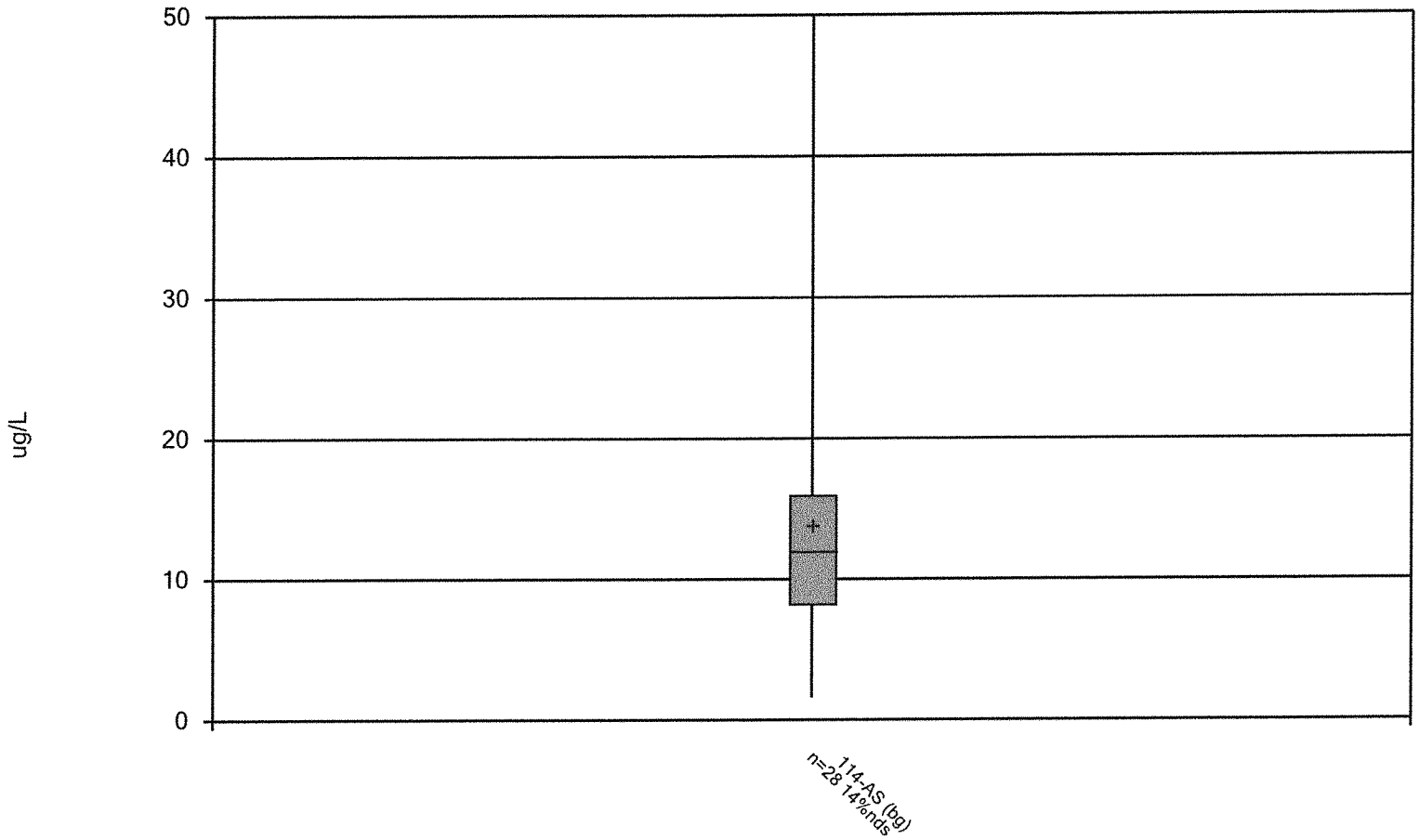


Constituent: Chromium Total Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

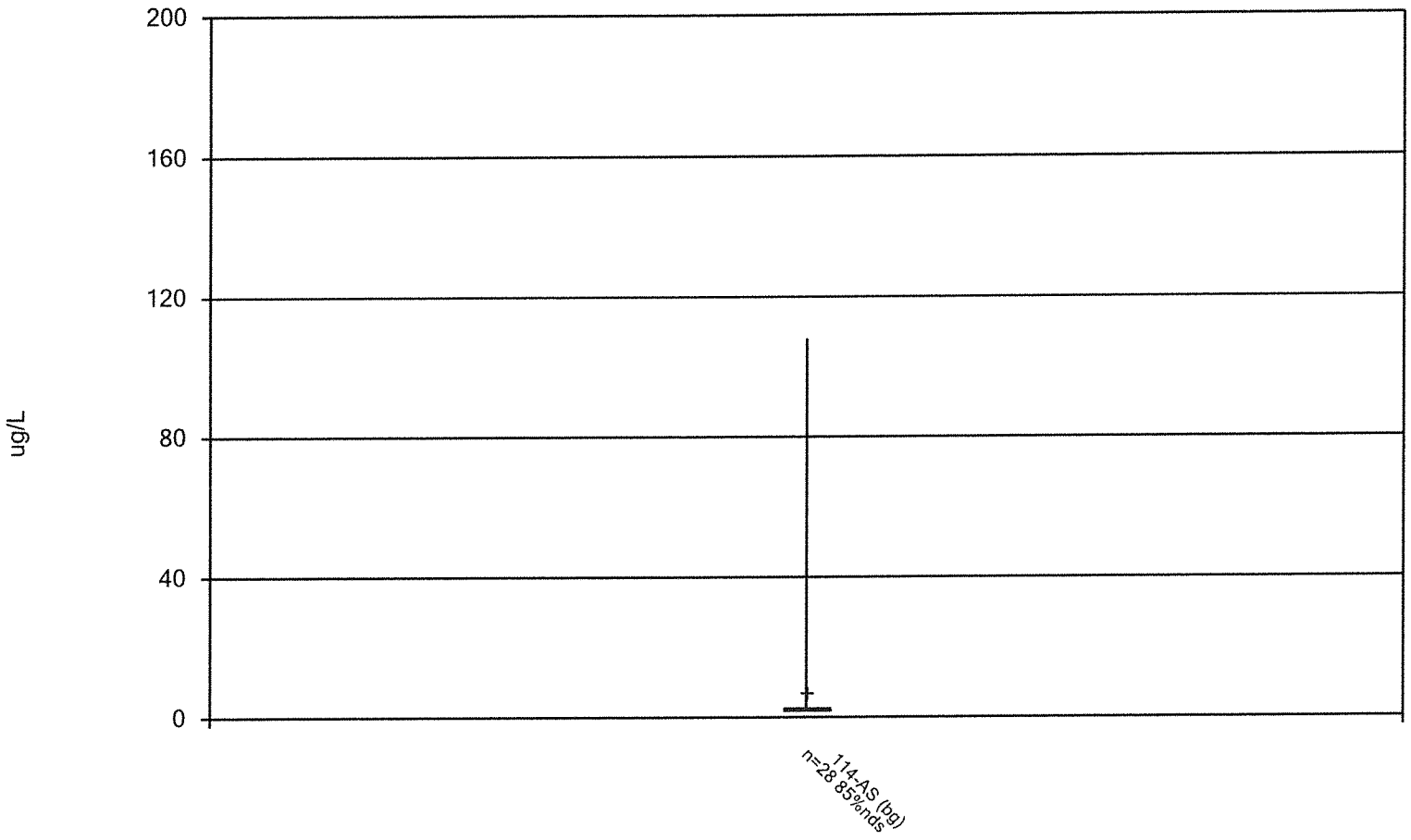


Constituent: Cobalt Total Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

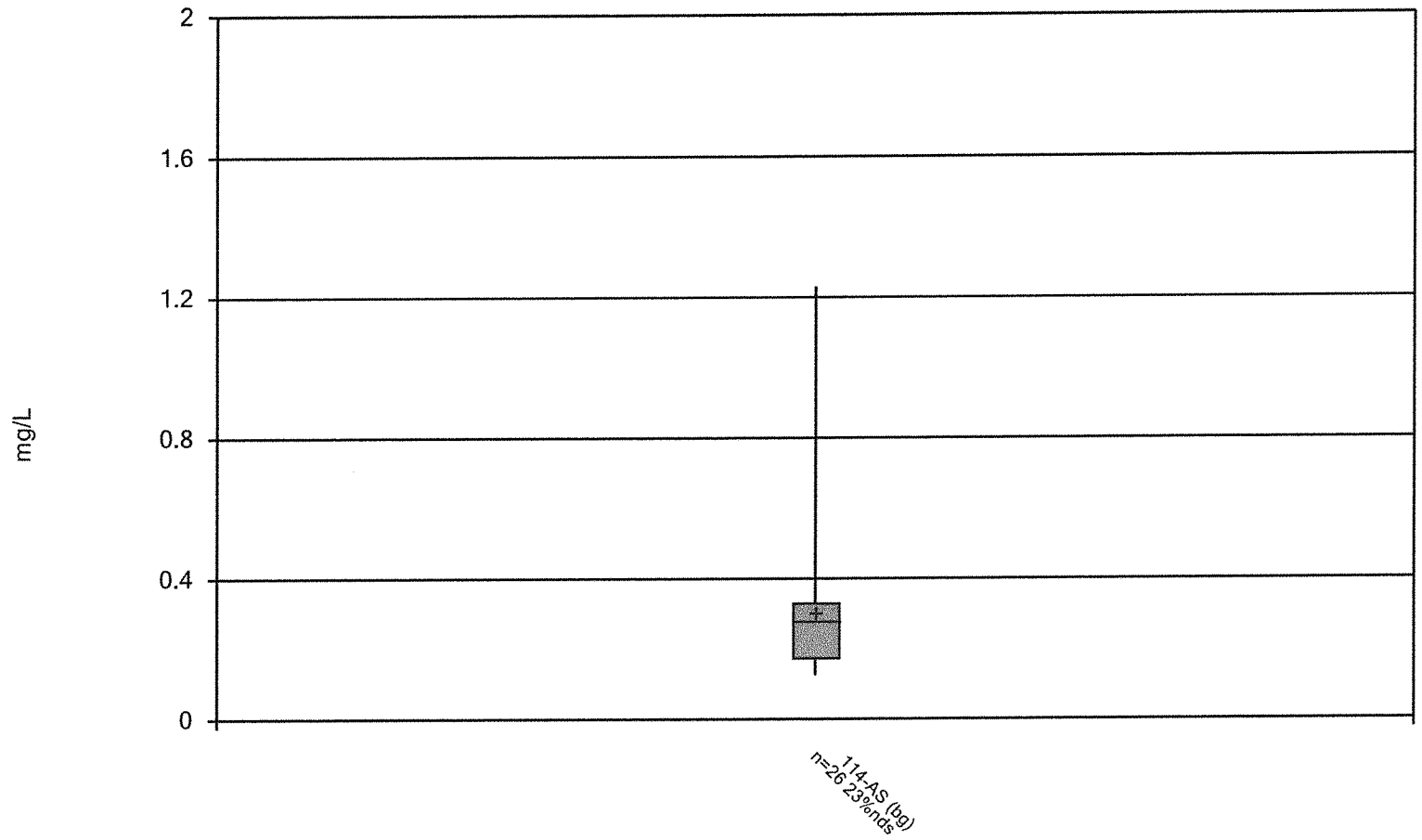


Constituent: Copper Total Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

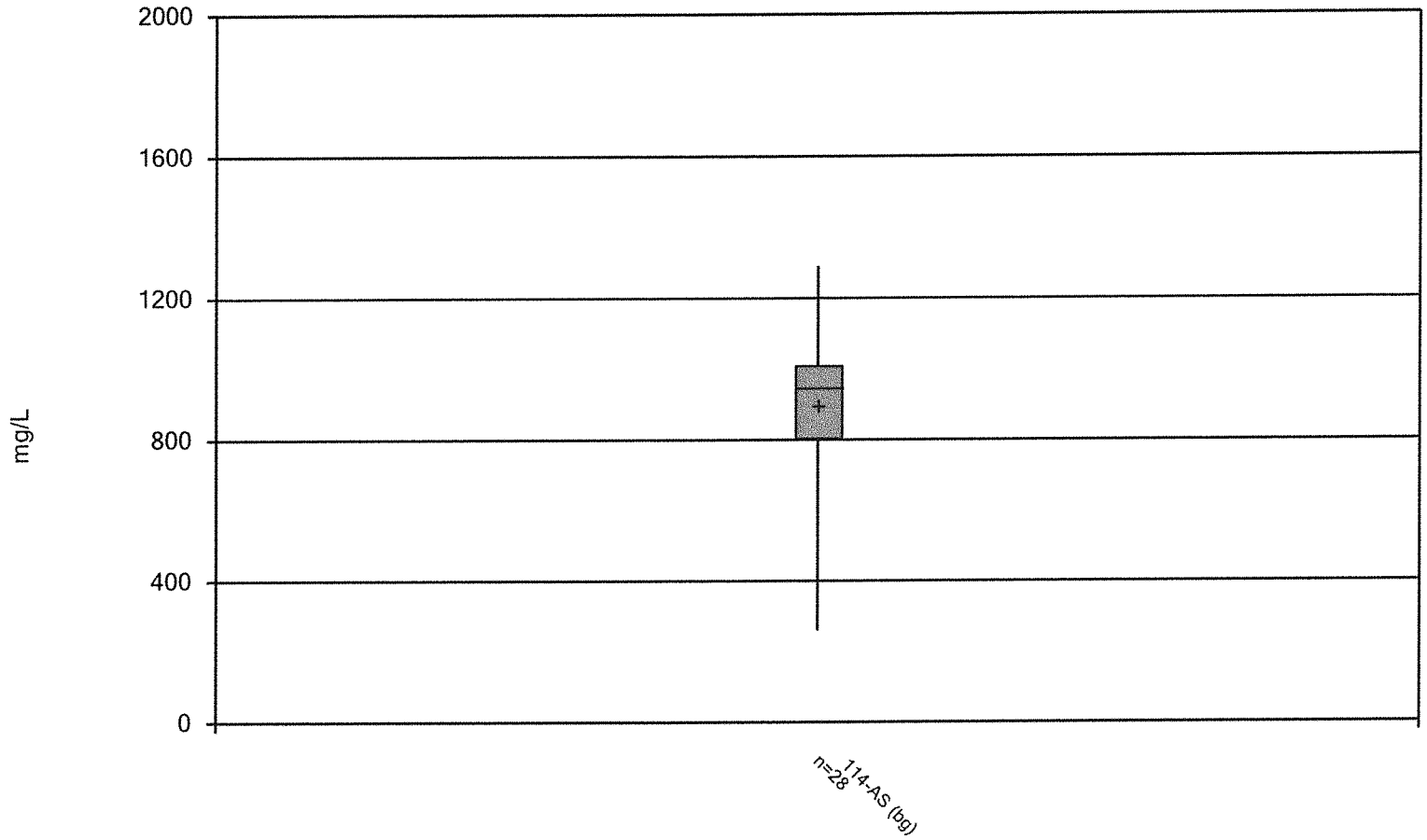


Constituent: Fluoride Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

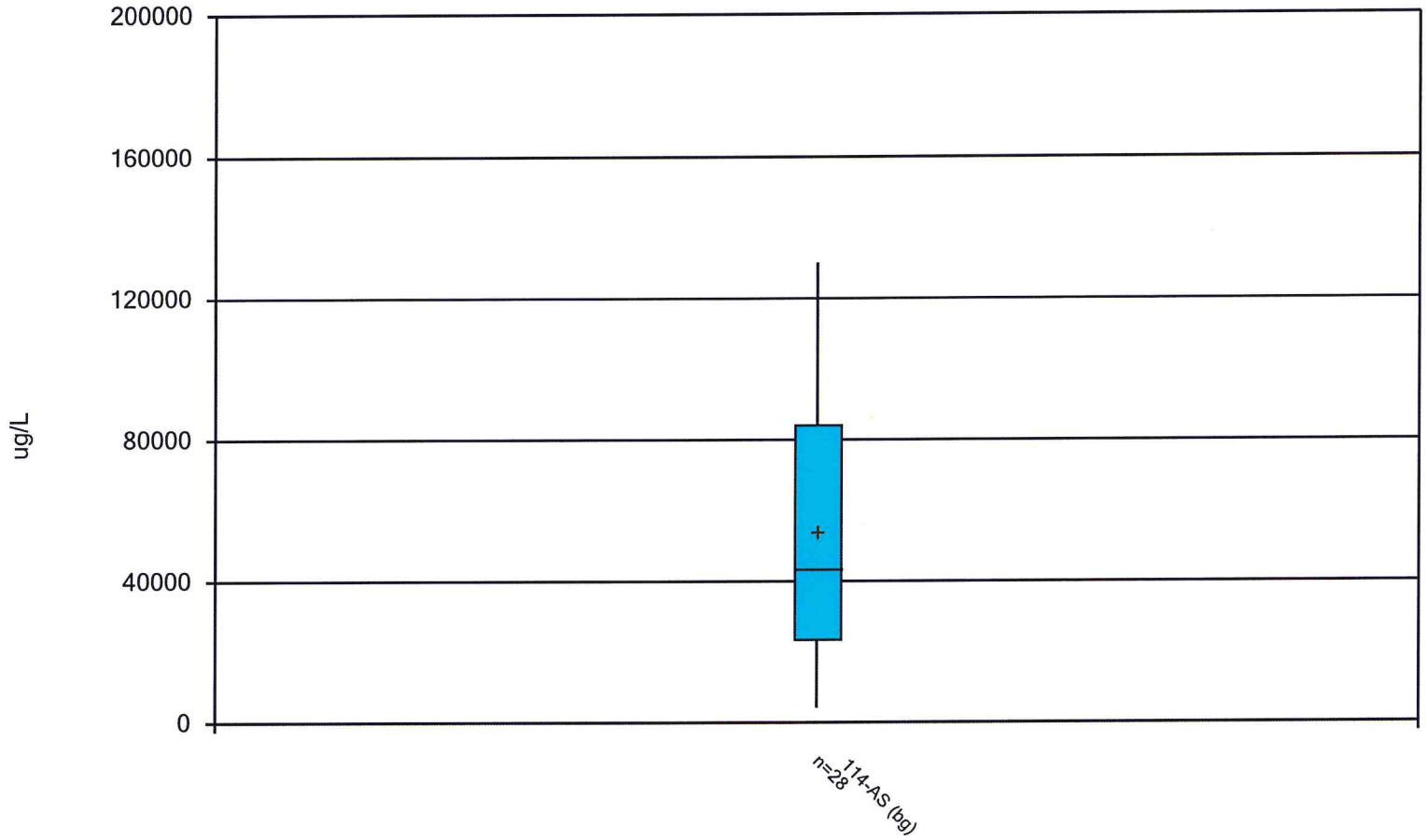


Constituent: Hardness Total Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

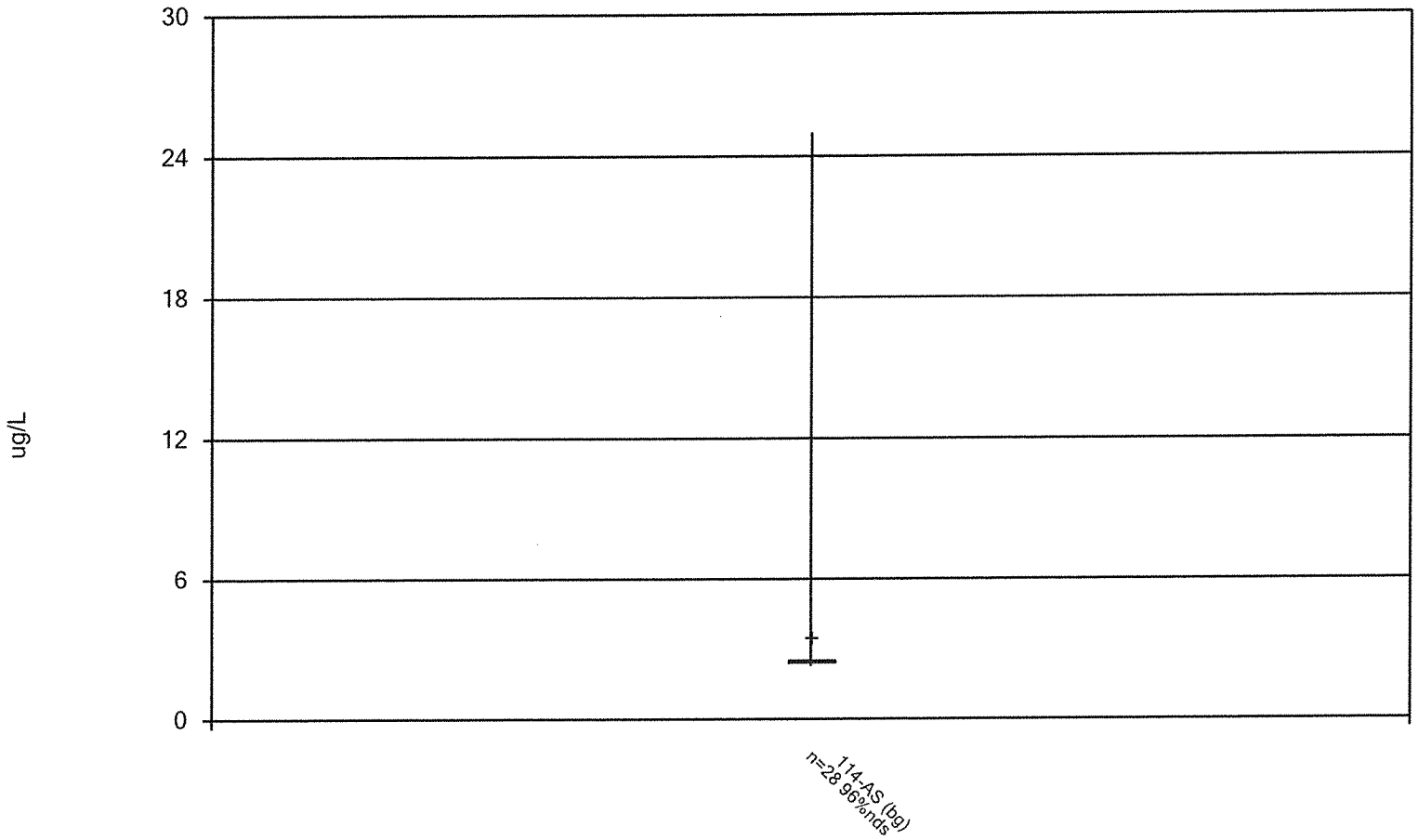


Constituent: Iron Total Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

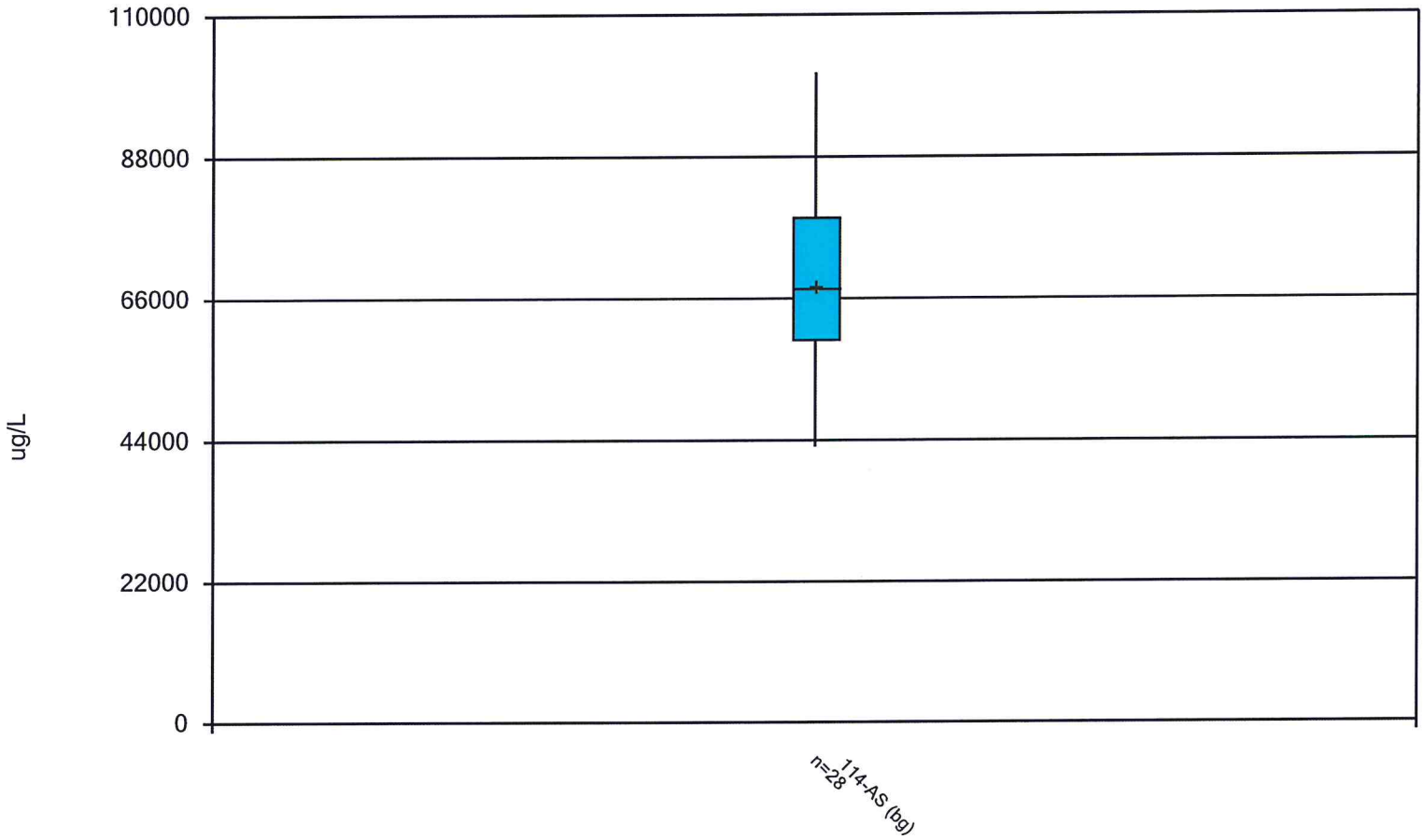


Constituent: Lead Total Analysis Run 9/7/2010 1:43 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

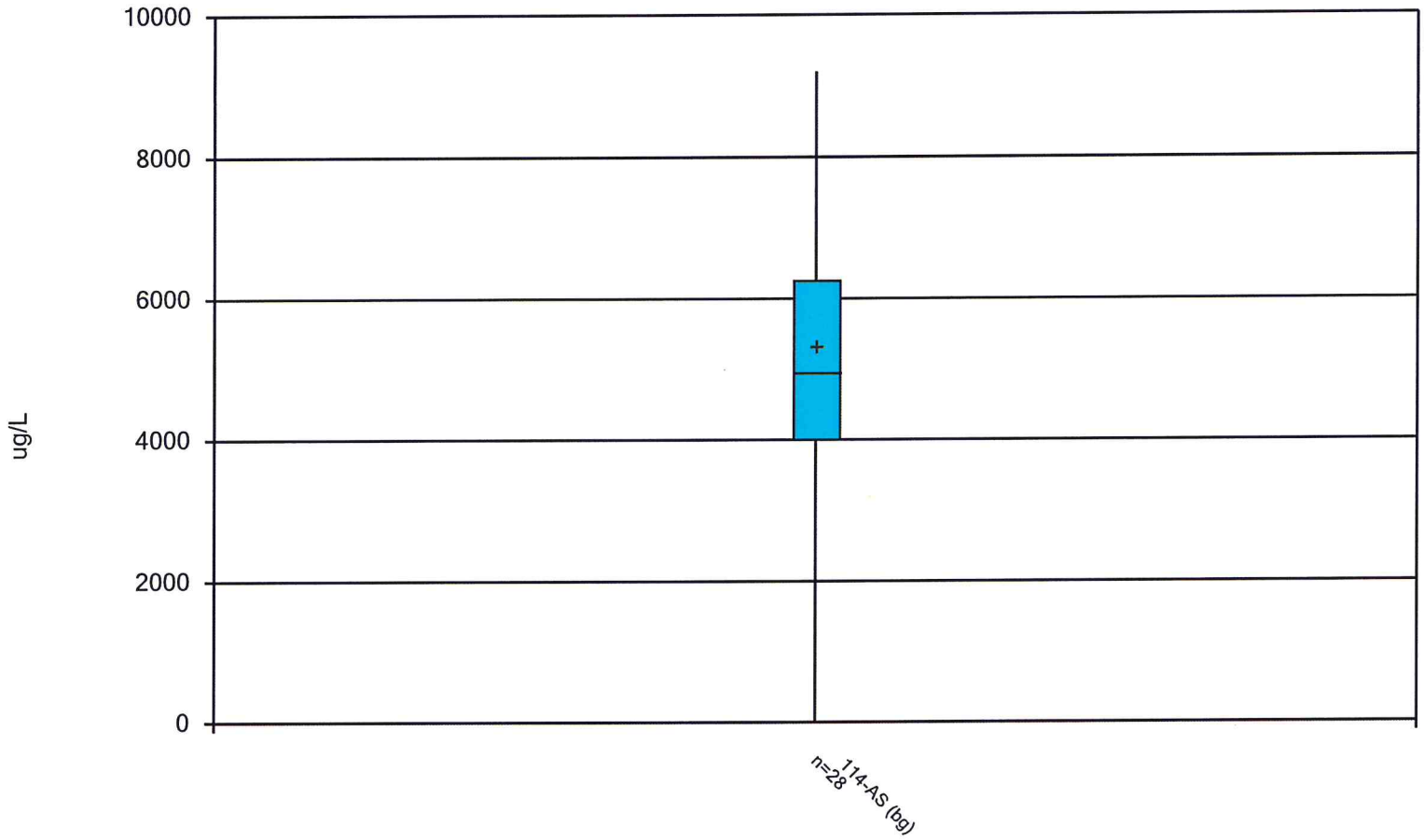


Constituent: Magnesium Total Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

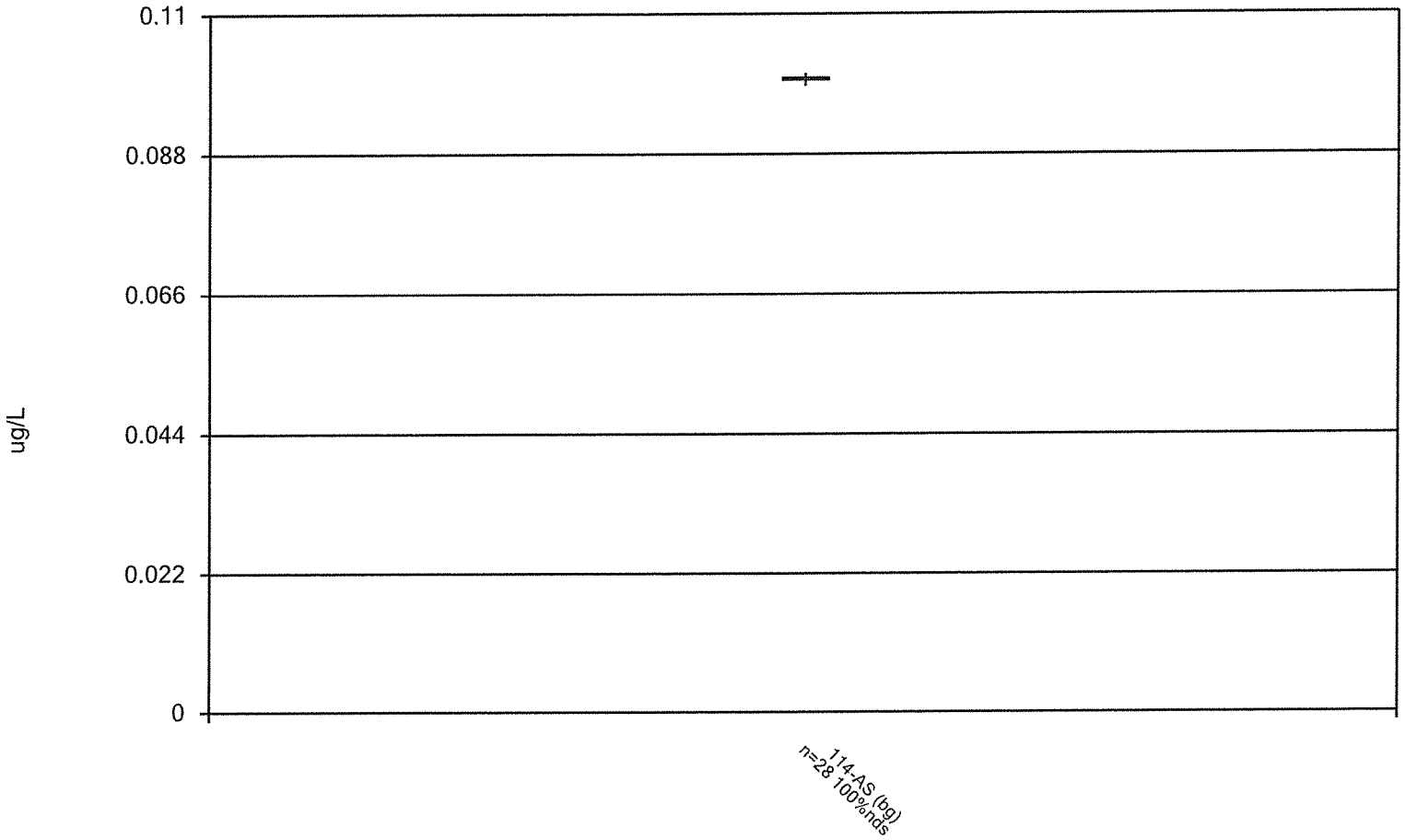


Constituent: Manganese Total Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

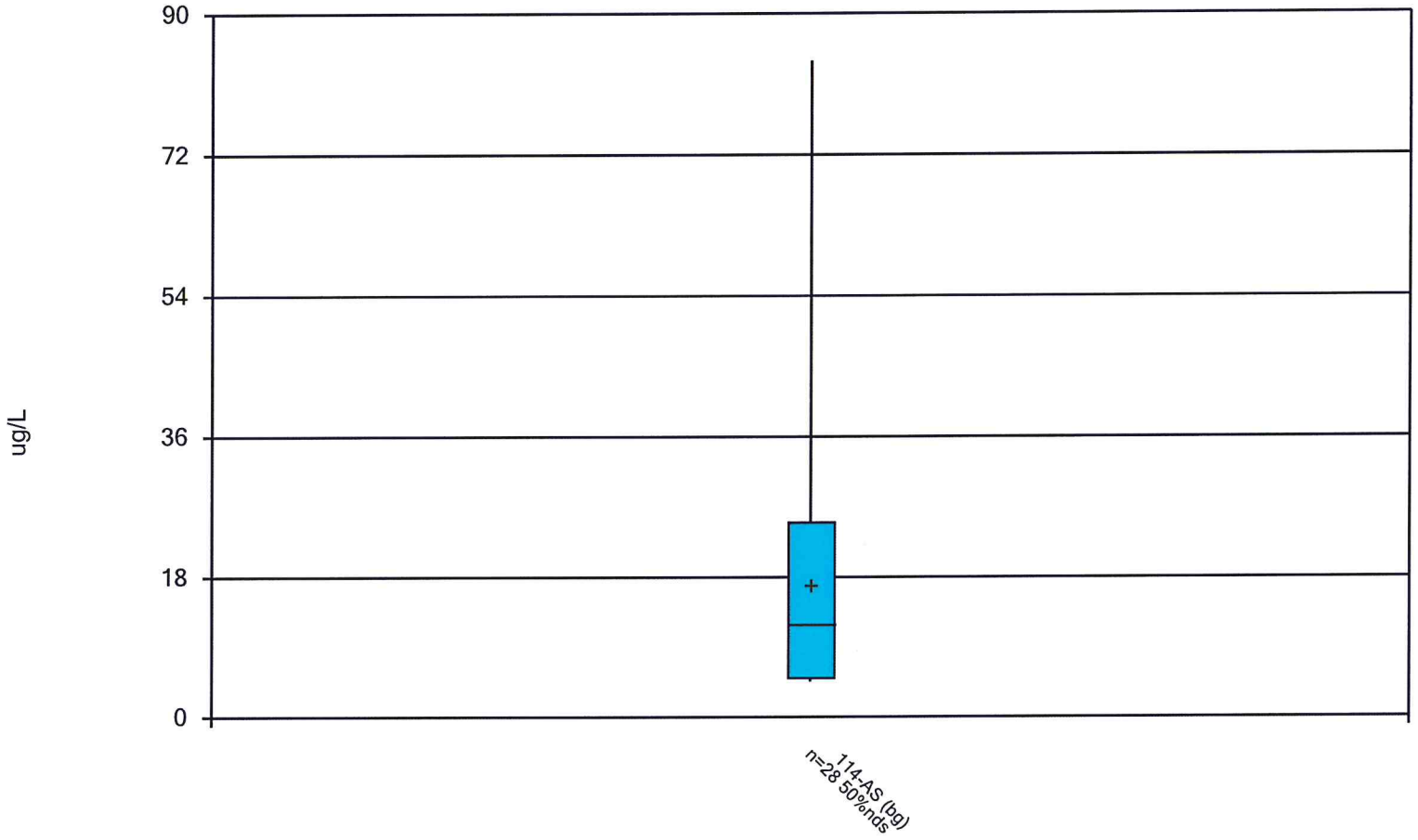


Constituent: Mercury Total Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

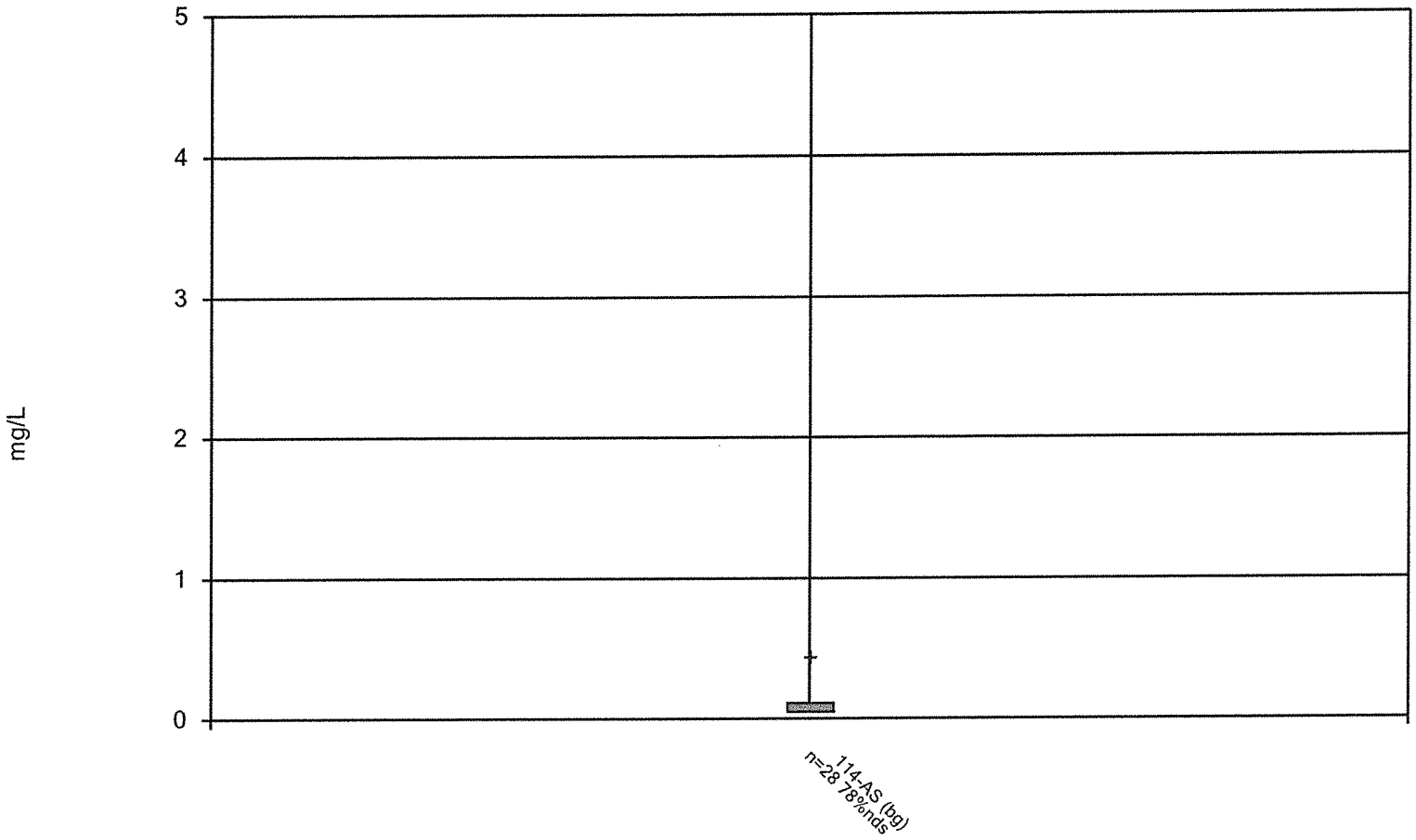


Constituent: Nickel Total Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

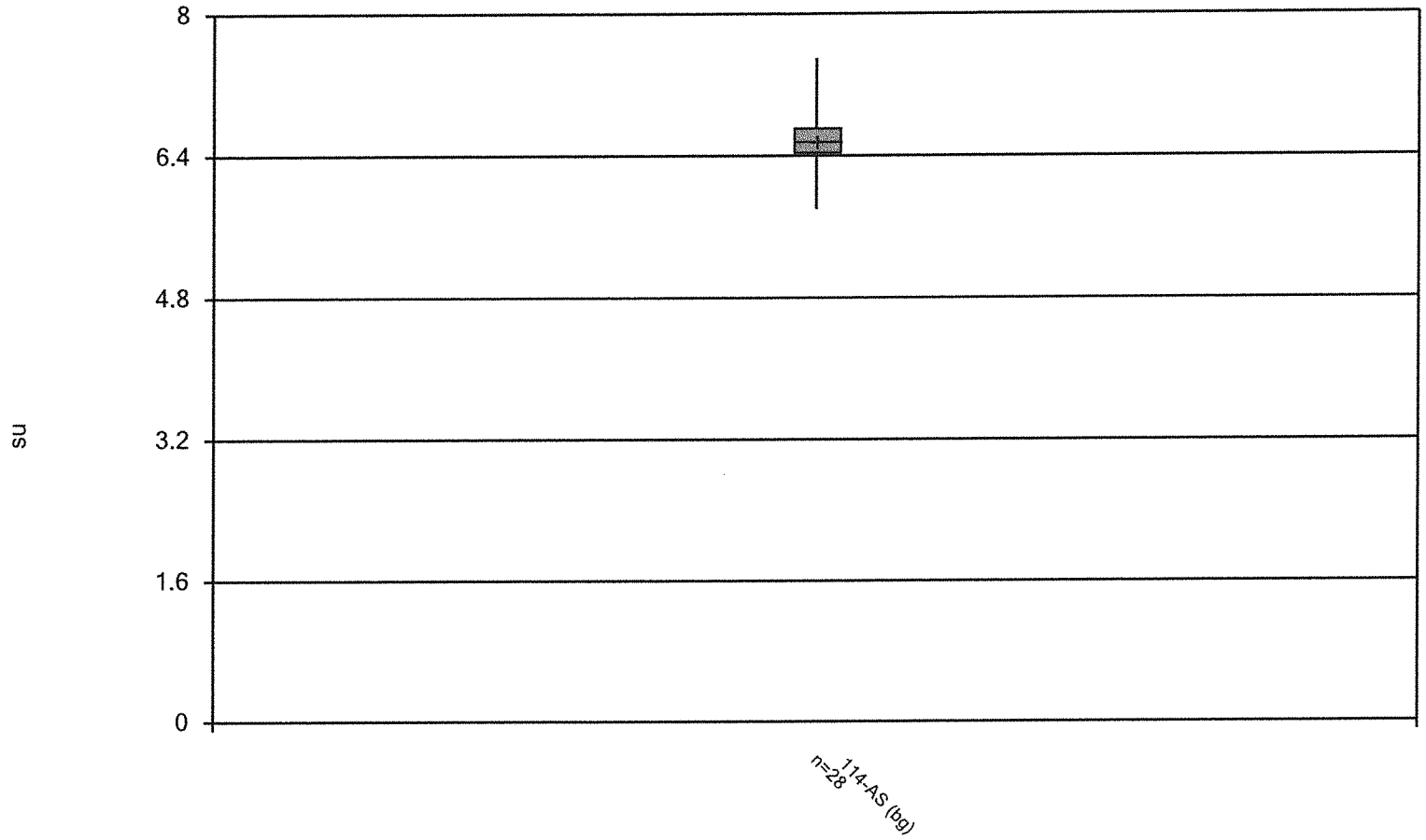


Constituent: Nitrate/Nitrite Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

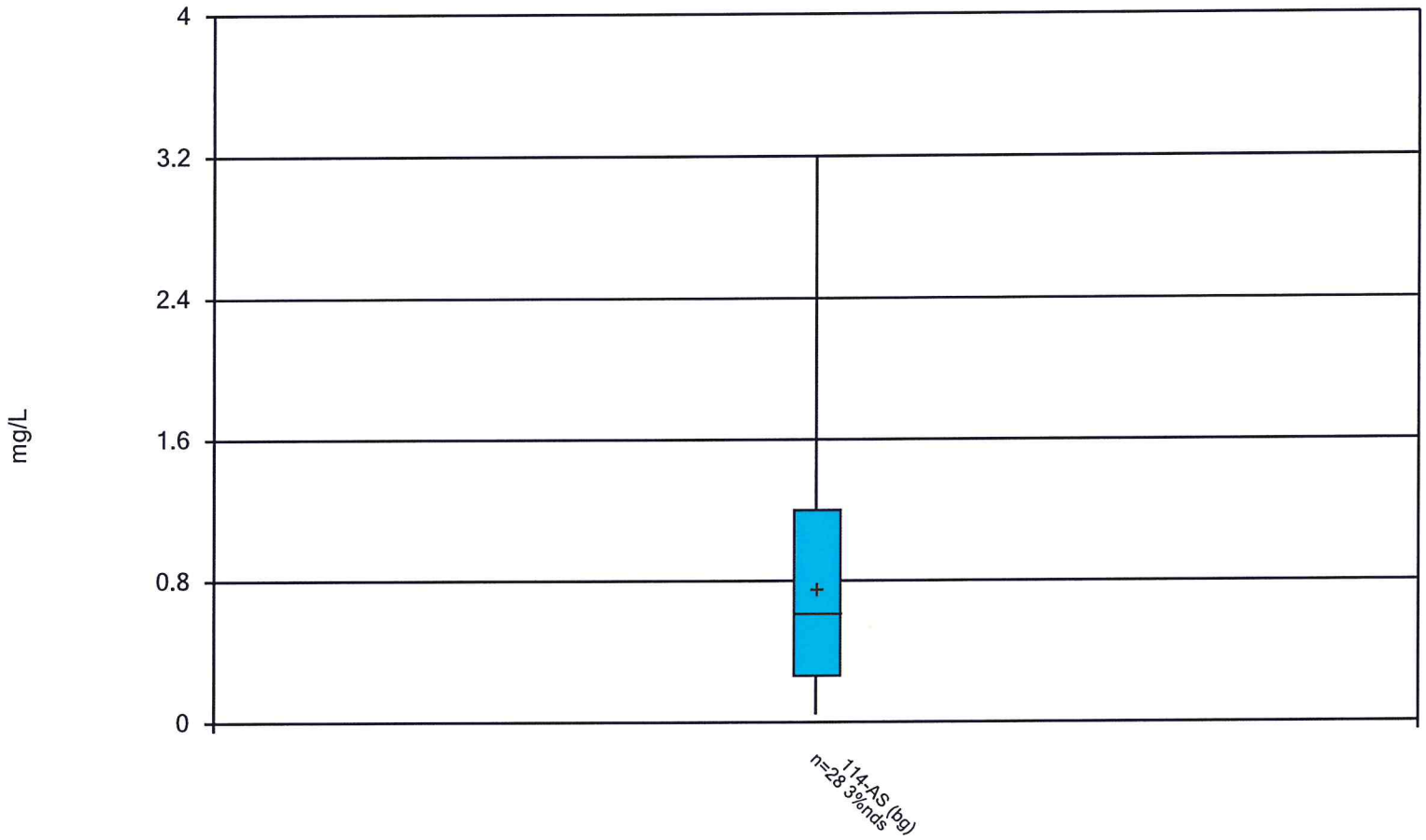


Constituent: pH [Field] Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

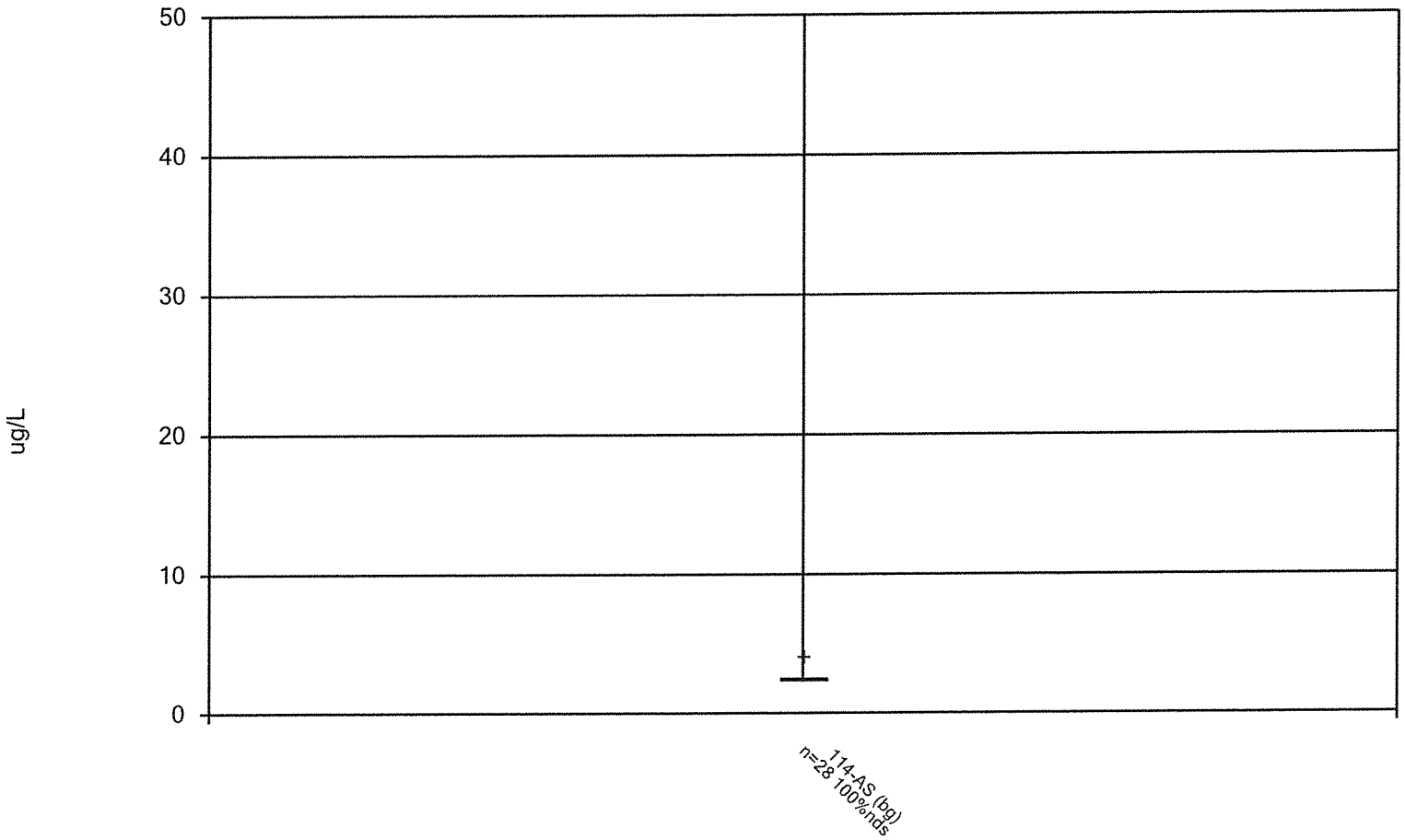


Constituent: Phosphorus Total Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

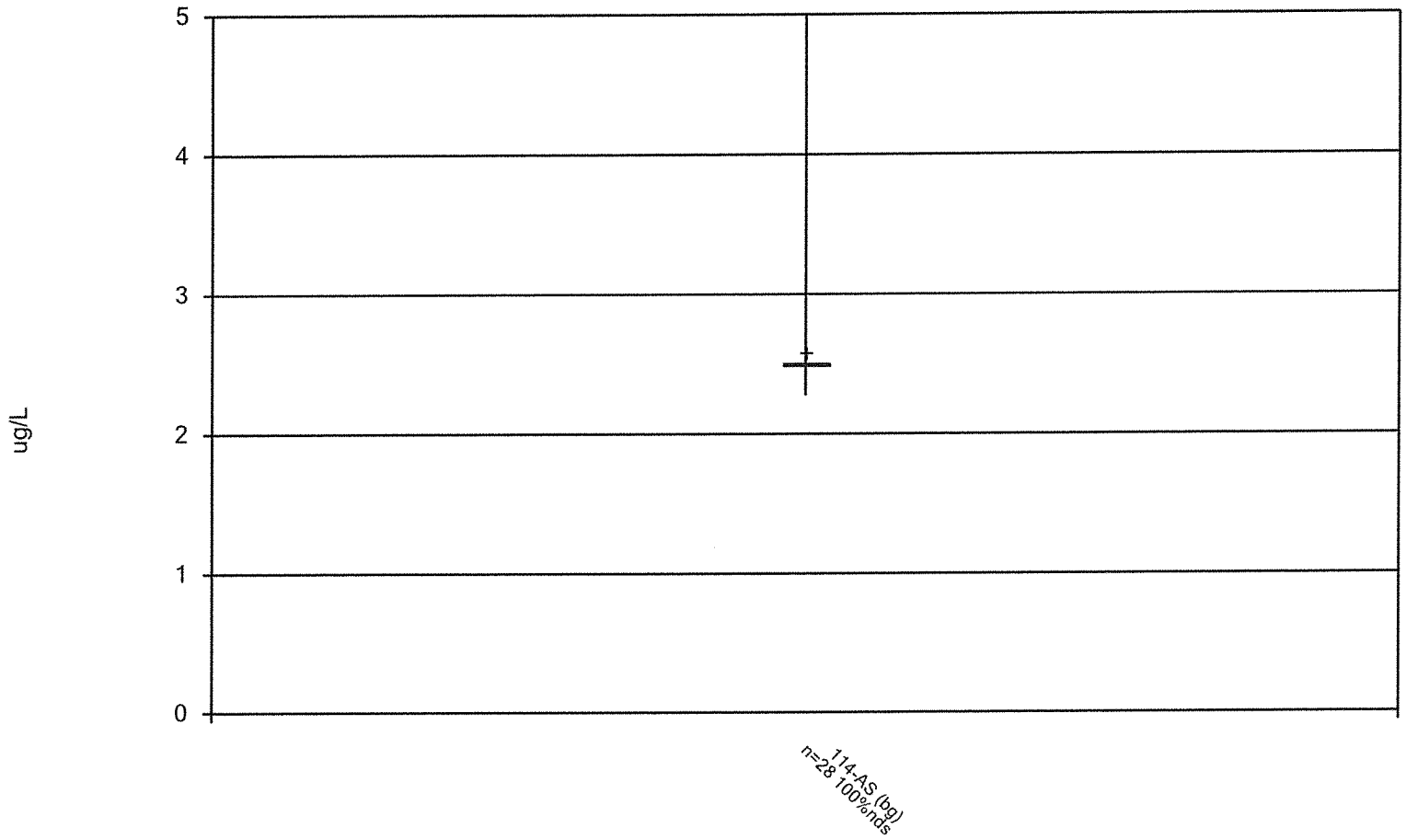


Constituent: Selenium Total Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

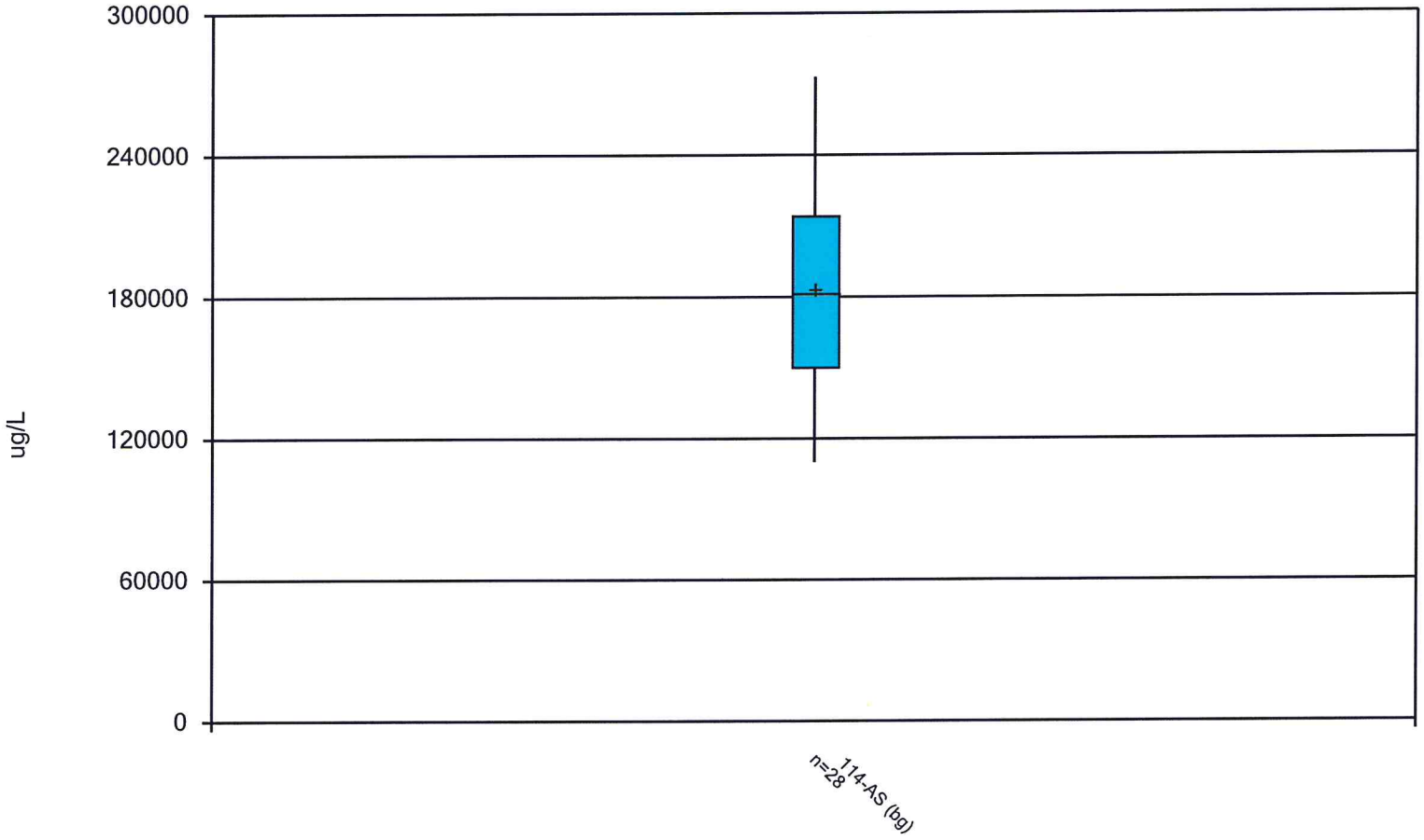


Constituent: Silver Total Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

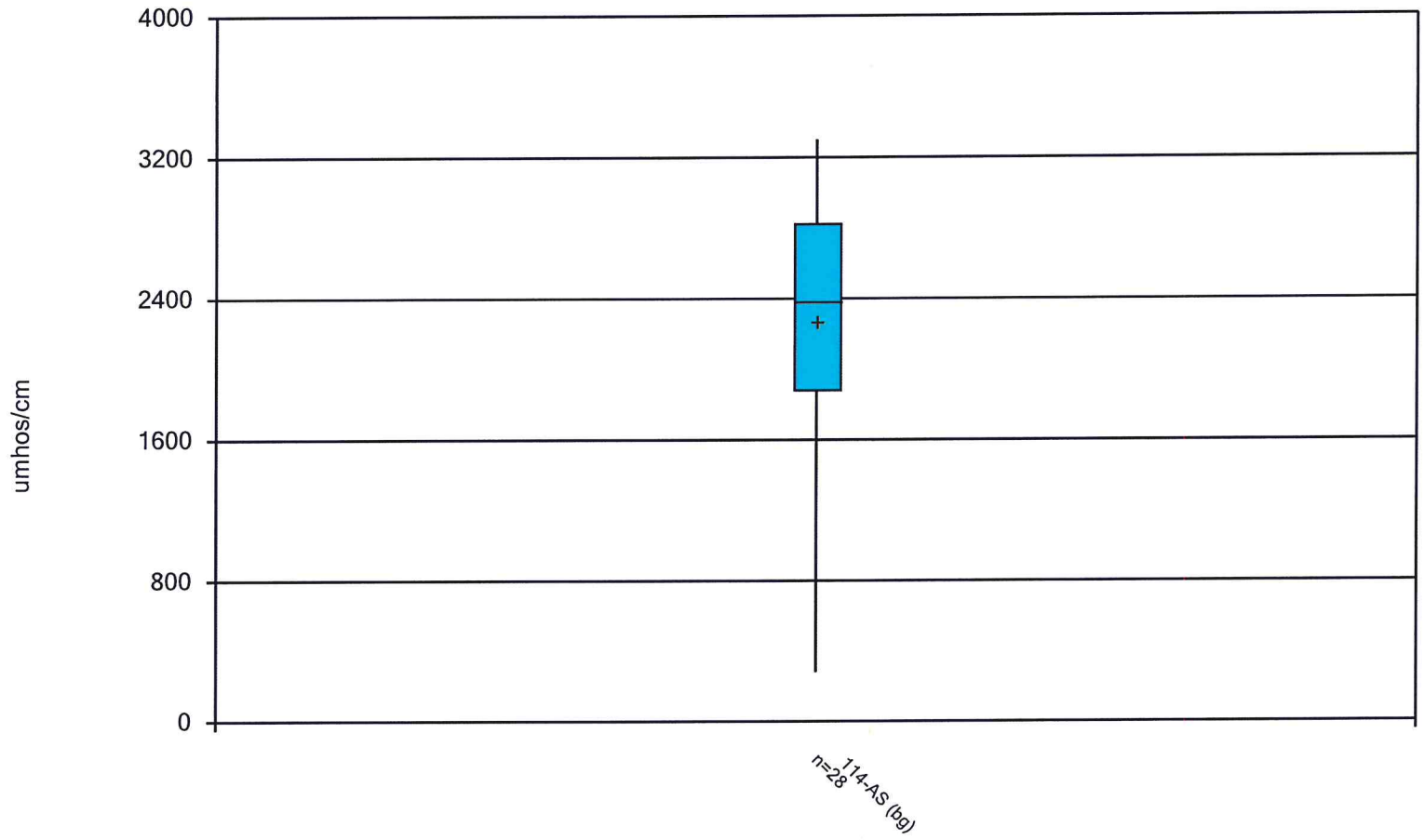


Constituent: Sodium Total Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

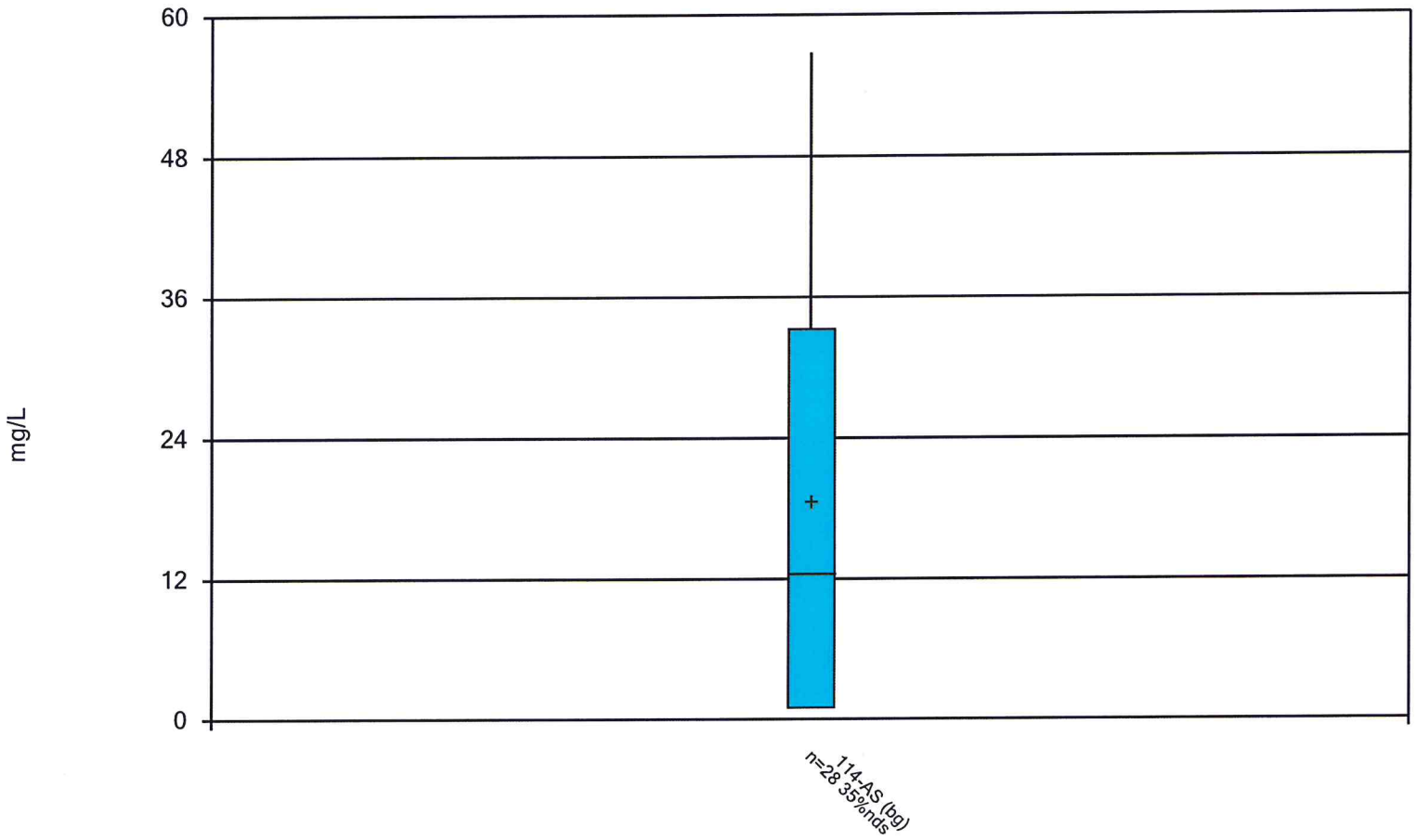


Constituent: Specific Conductance [Field] Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

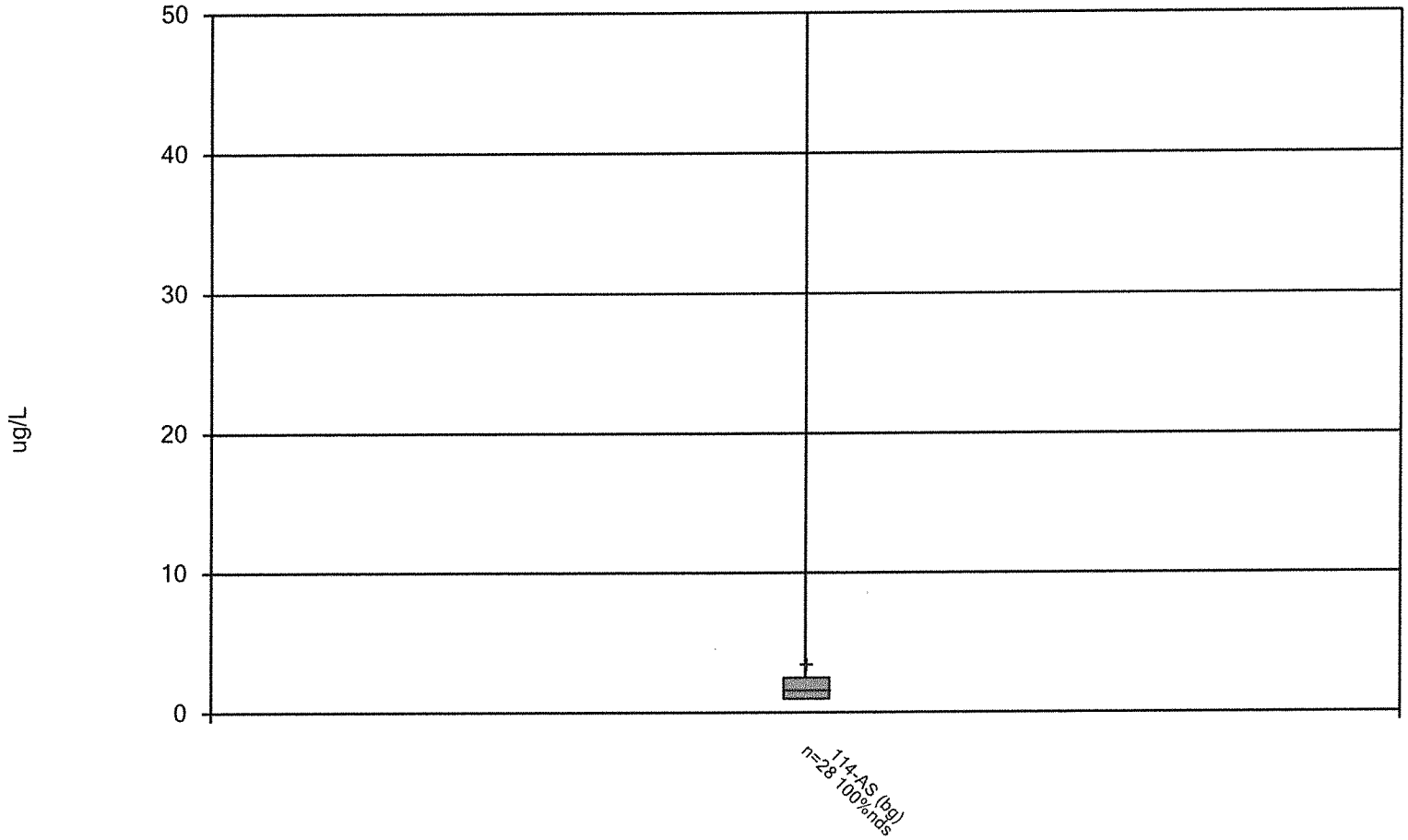


Constituent: Sulfate as SO4 Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

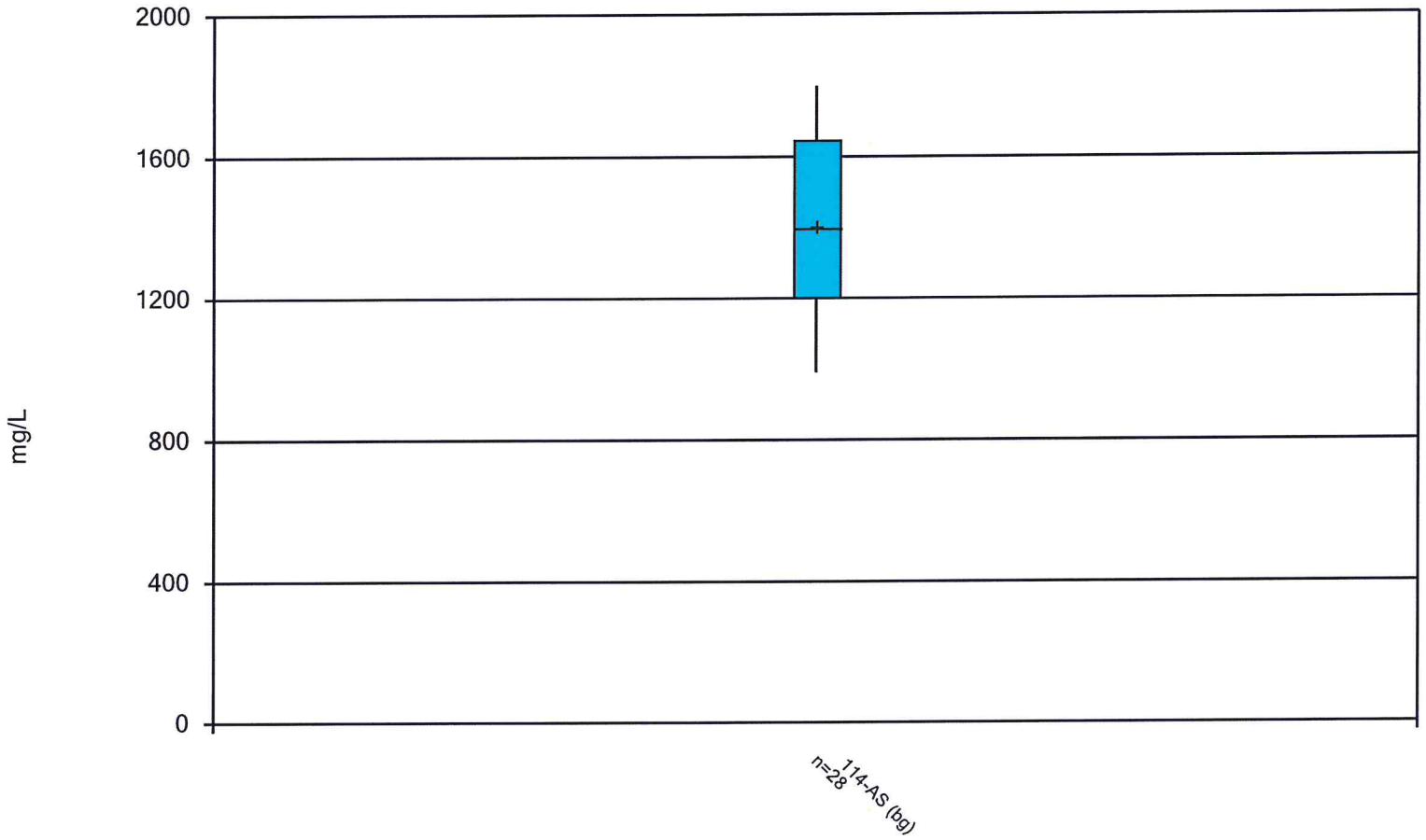


Constituent: Thallium Total Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

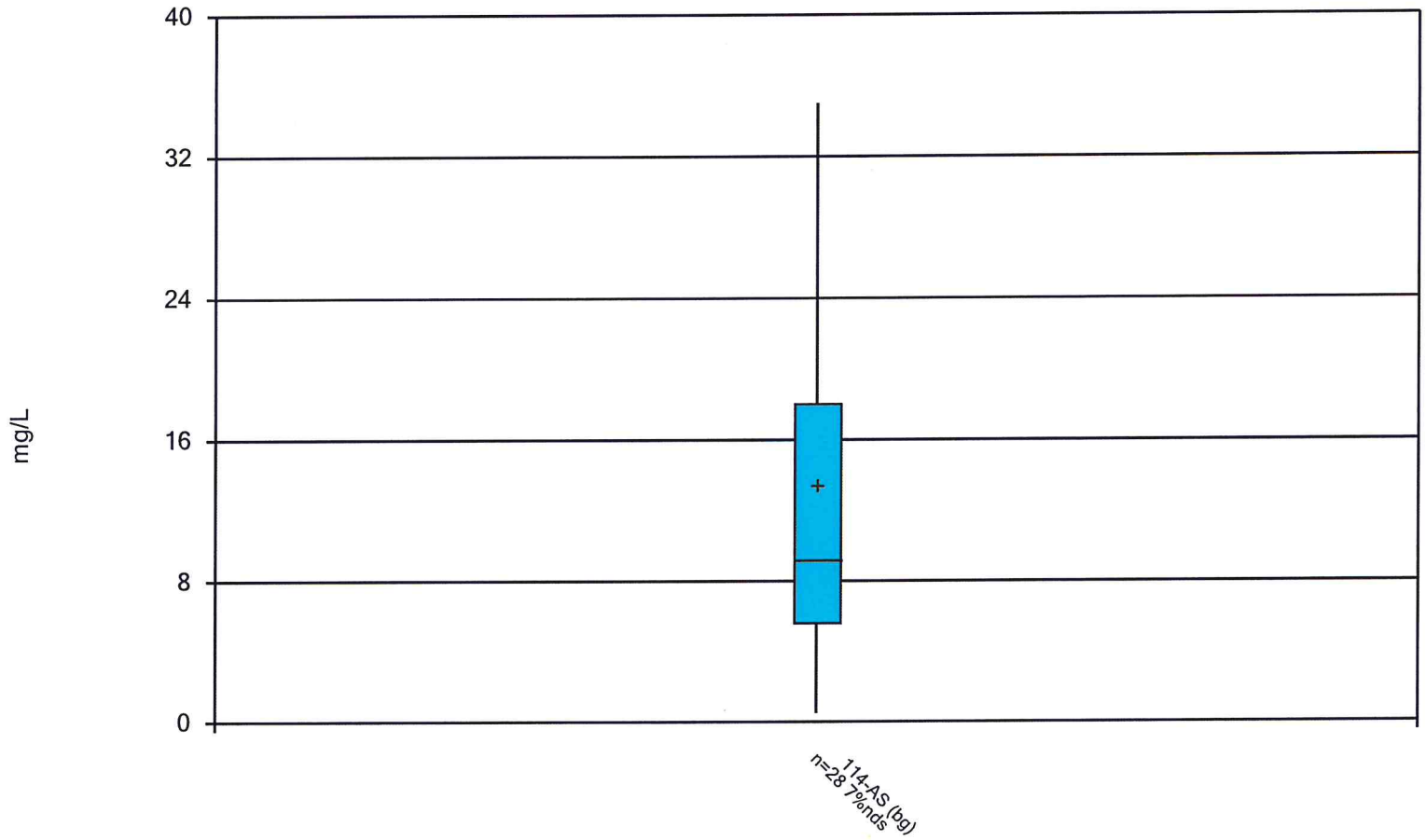


Constituent: Total Dissolved Solids [TDS] Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

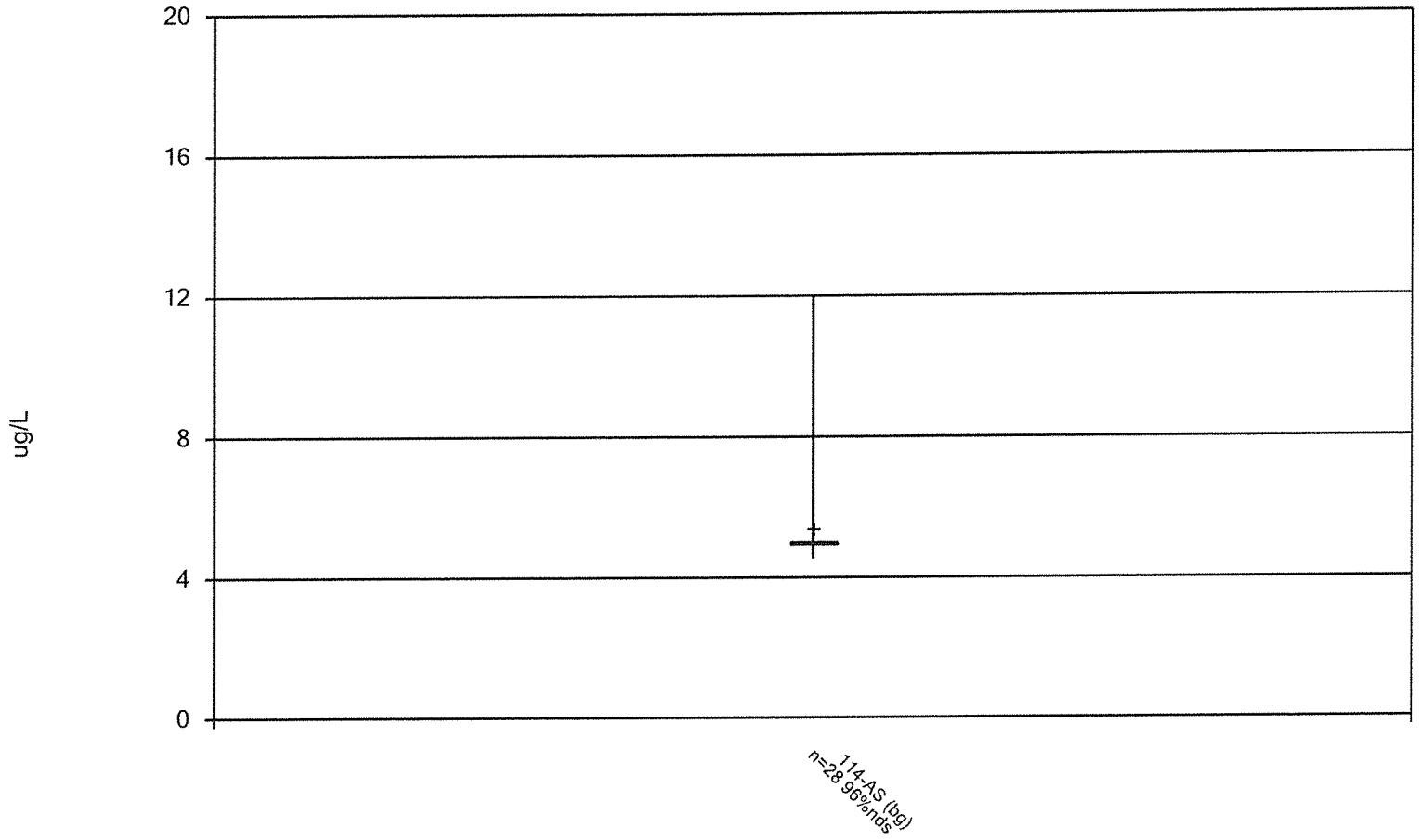


Constituent: Total Organic Carbon [TOC] Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

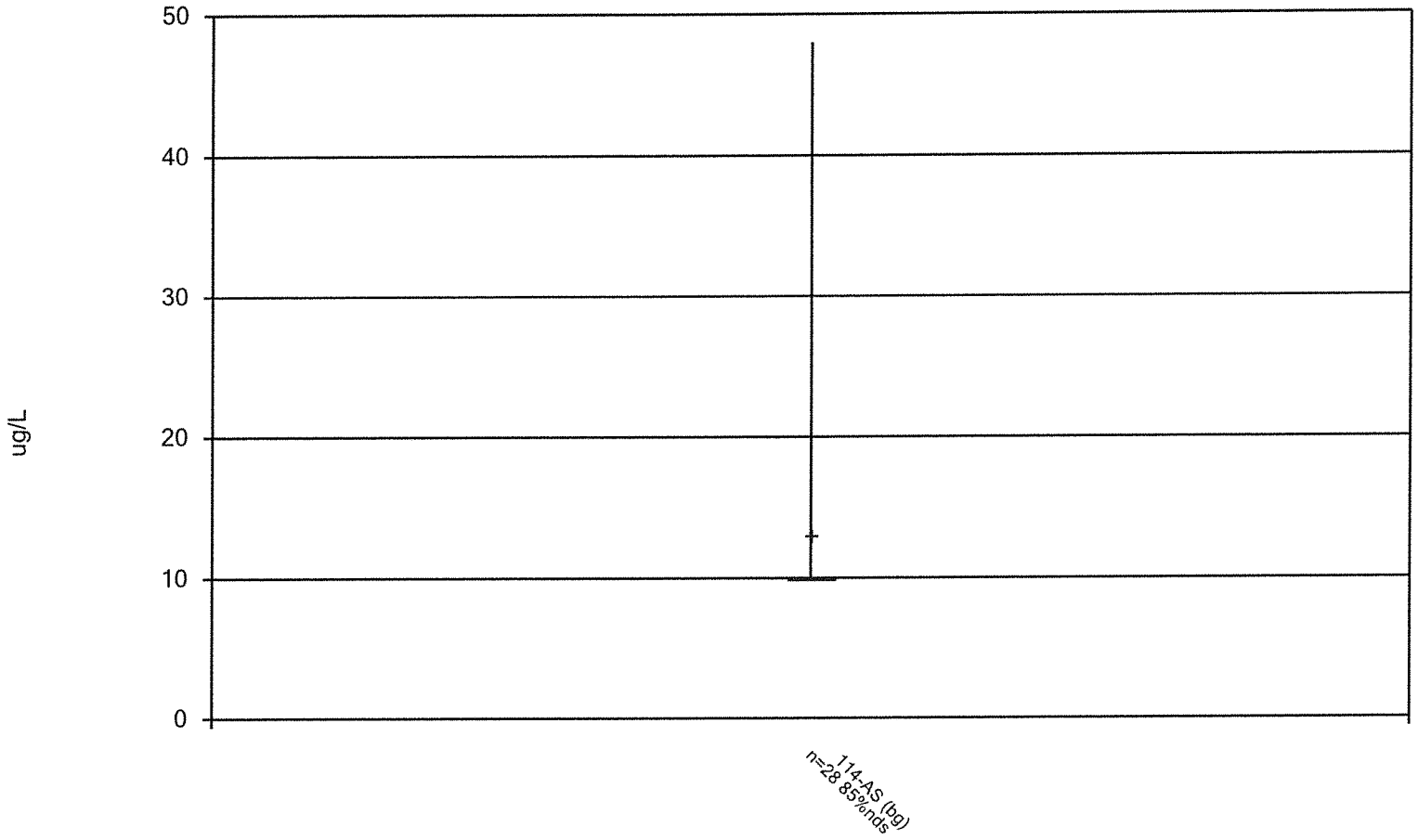


Constituent: Vanadium Total Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

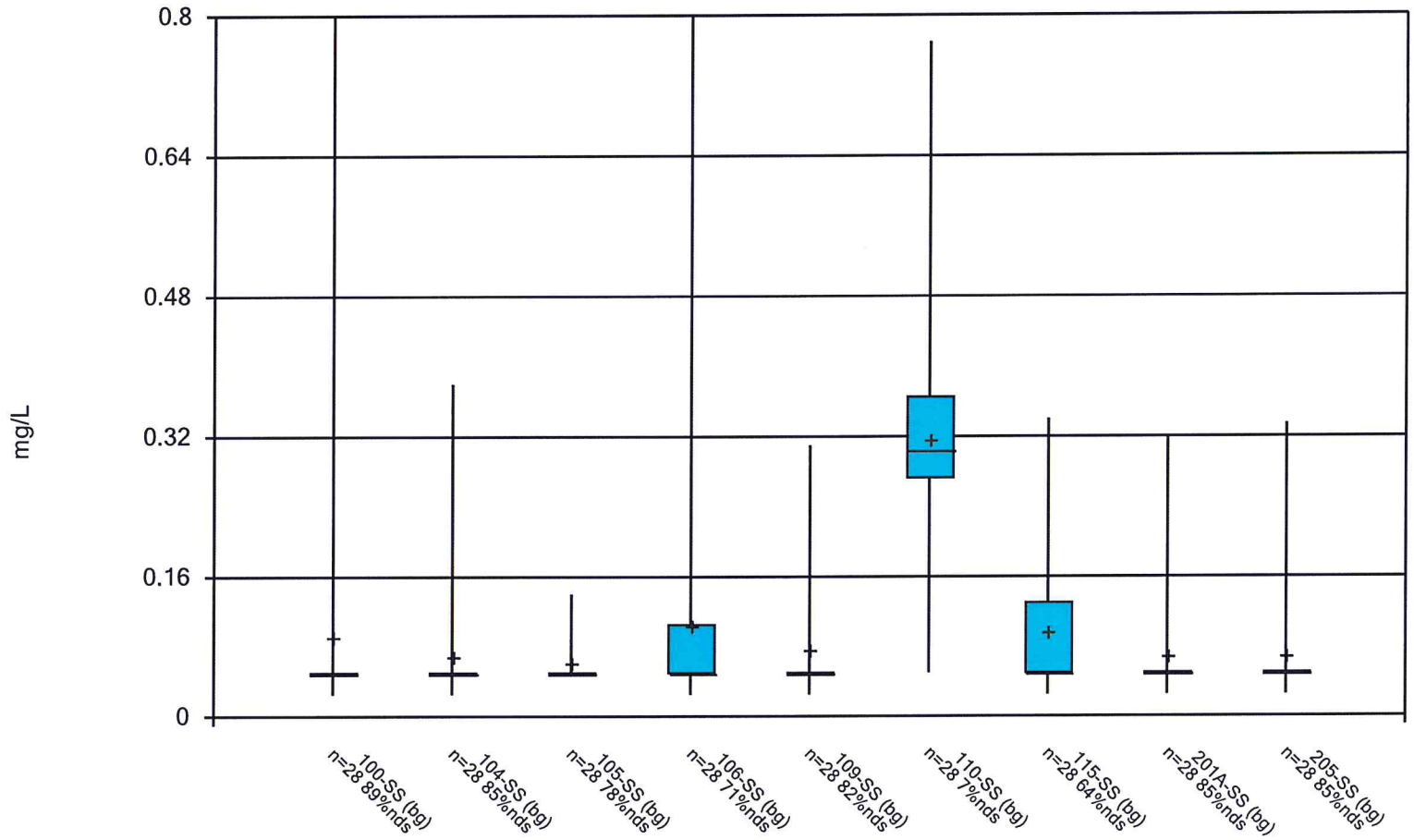


Constituent: Zinc Total Analysis Run 9/7/2010 1:44 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

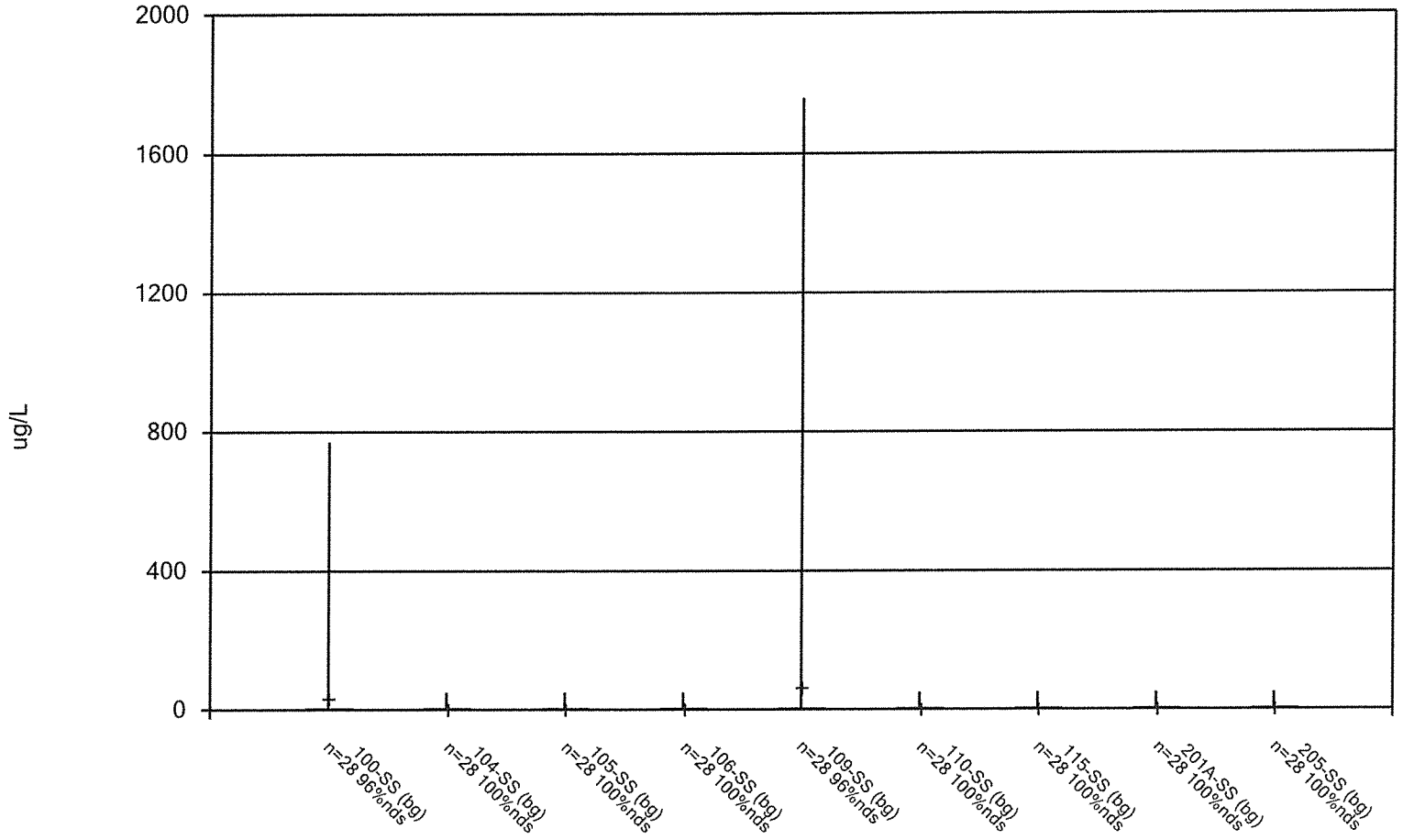


Constituent: Ammonia as N Analysis Run 9/7/2010 1:47 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

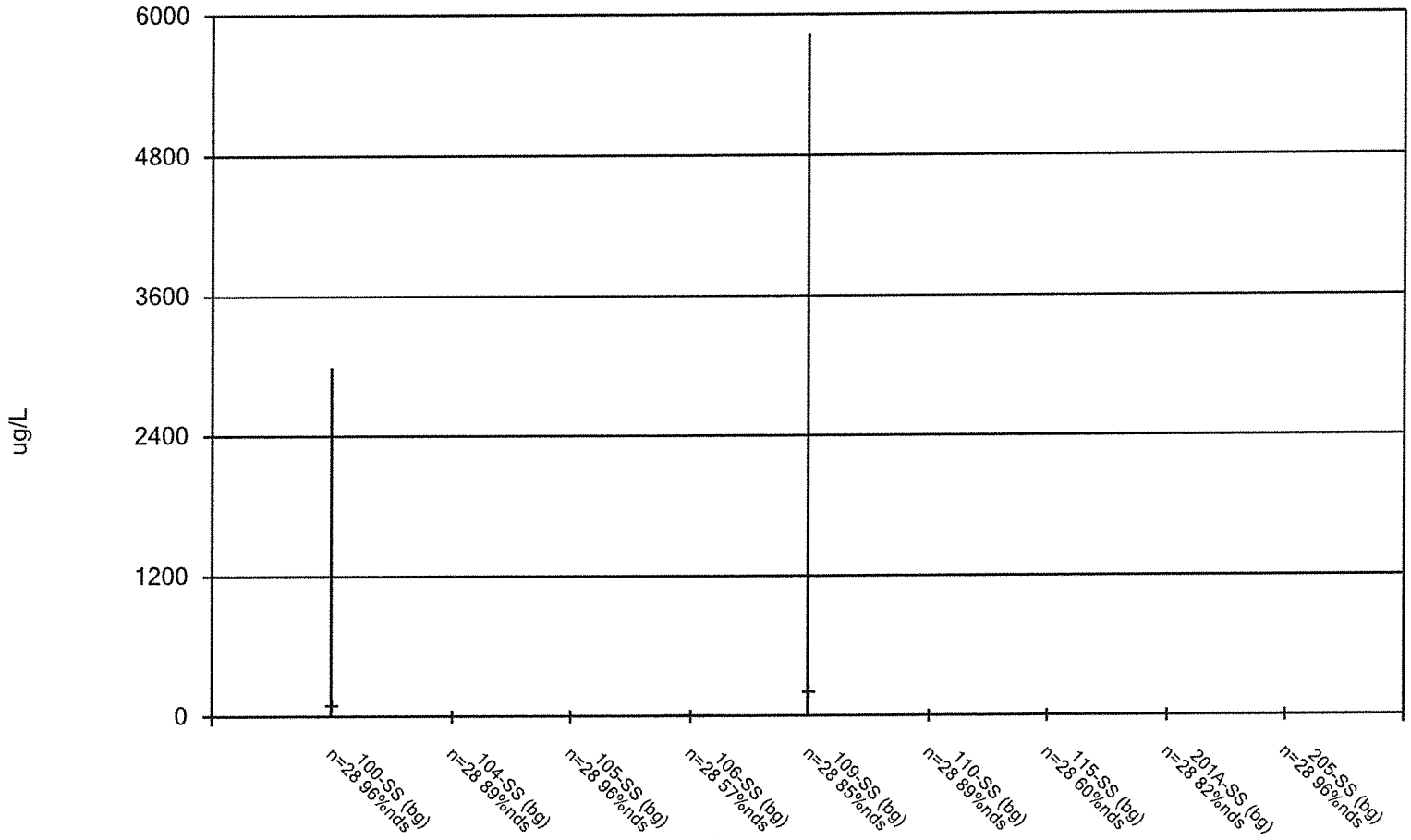


Constituent: Antimony Total Analysis Run 9/7/2010 1:47 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

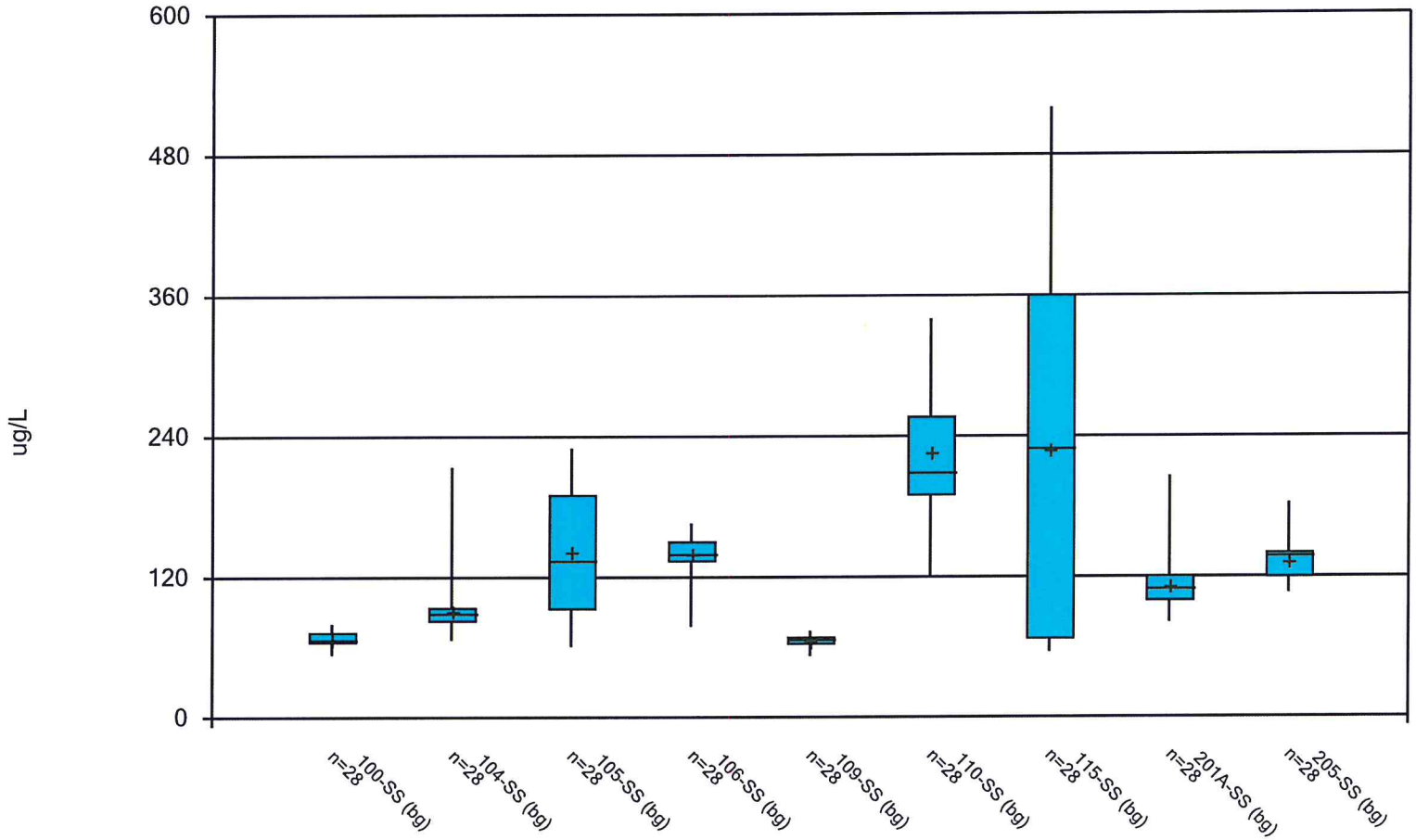


Constituent: Arsenic Total Analysis Run 9/7/2010 1:47 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

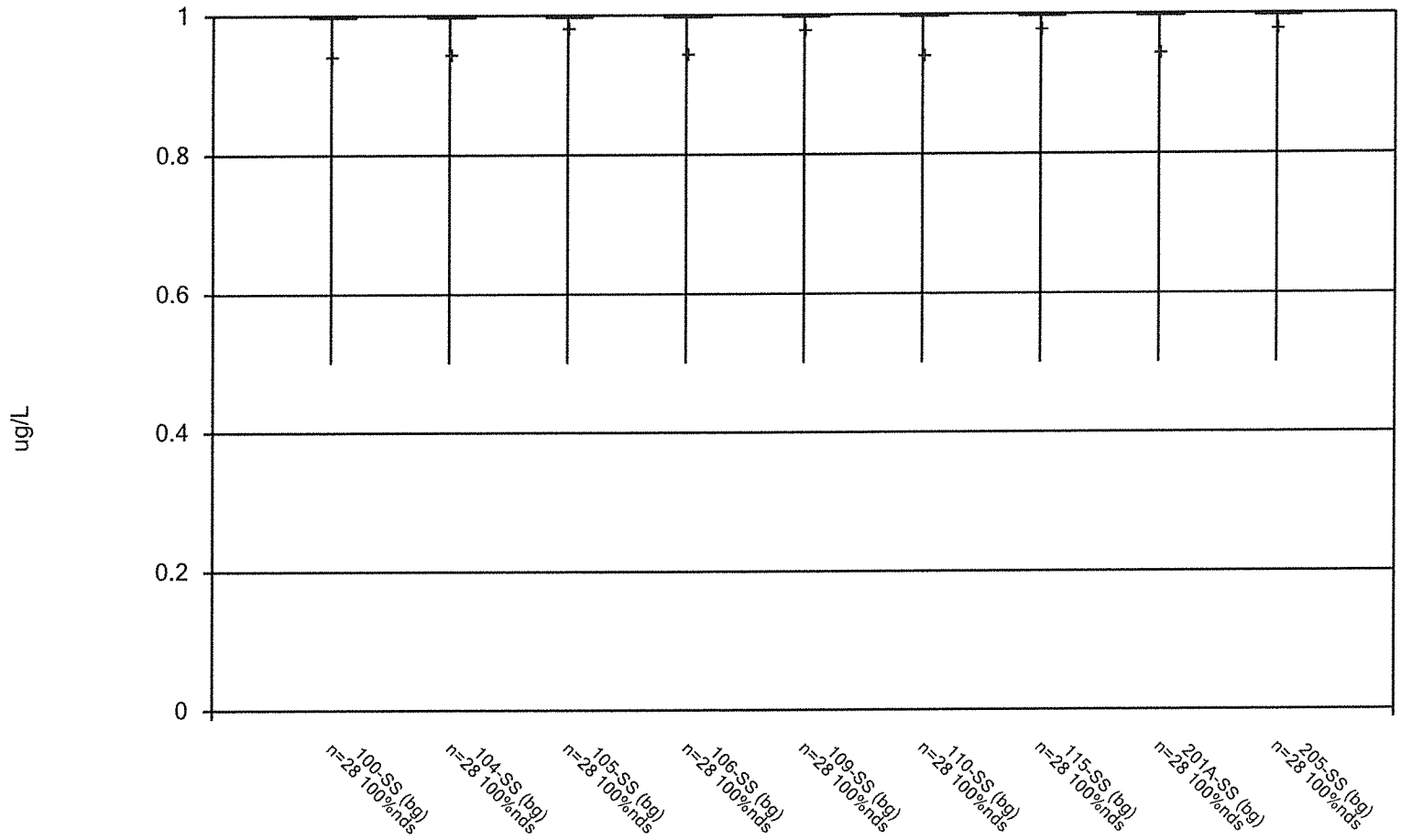


Constituent: Barium Total Analysis Run 9/7/2010 1:47 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

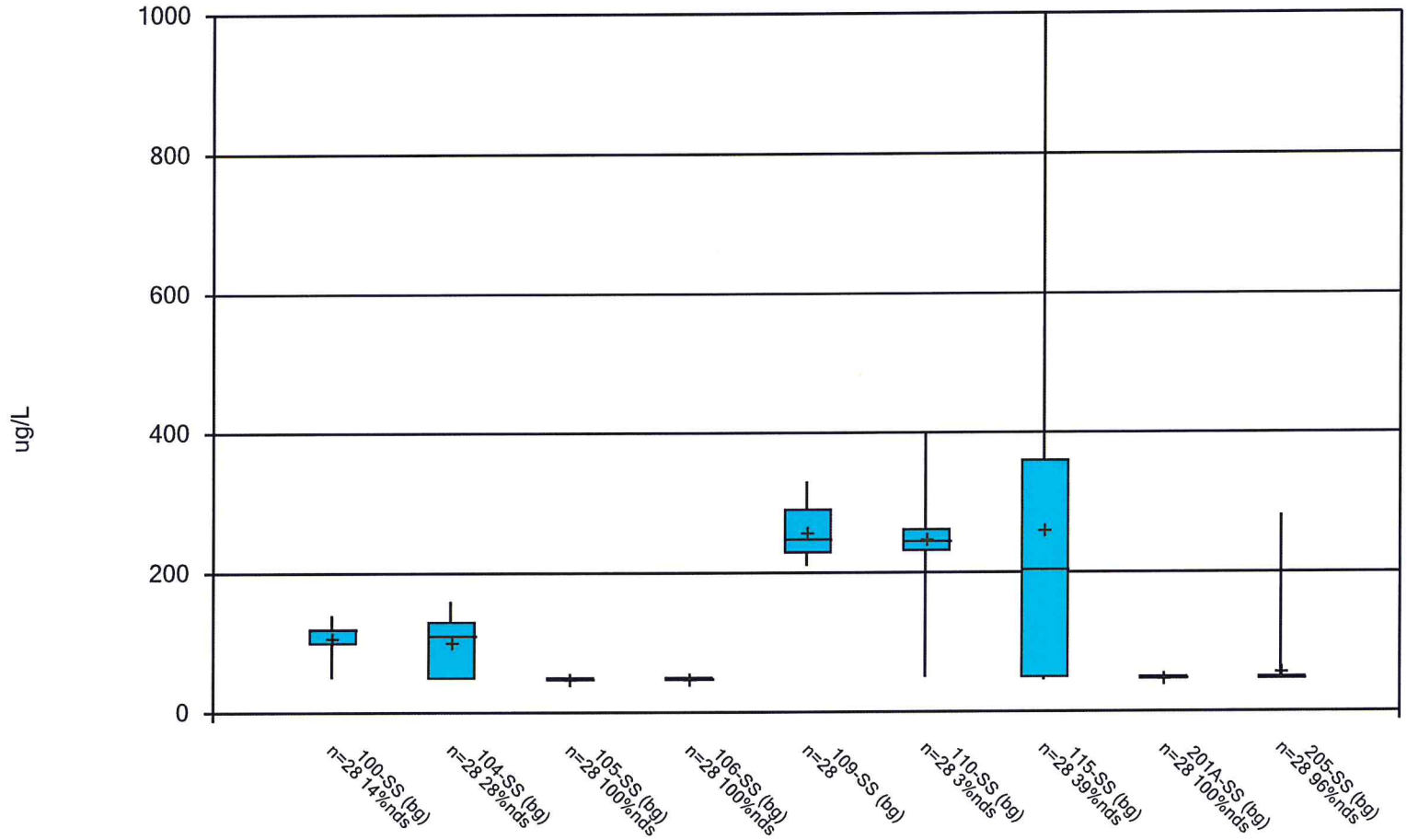


Constituent: Beryllium Total Analysis Run 9/7/2010 1:47 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

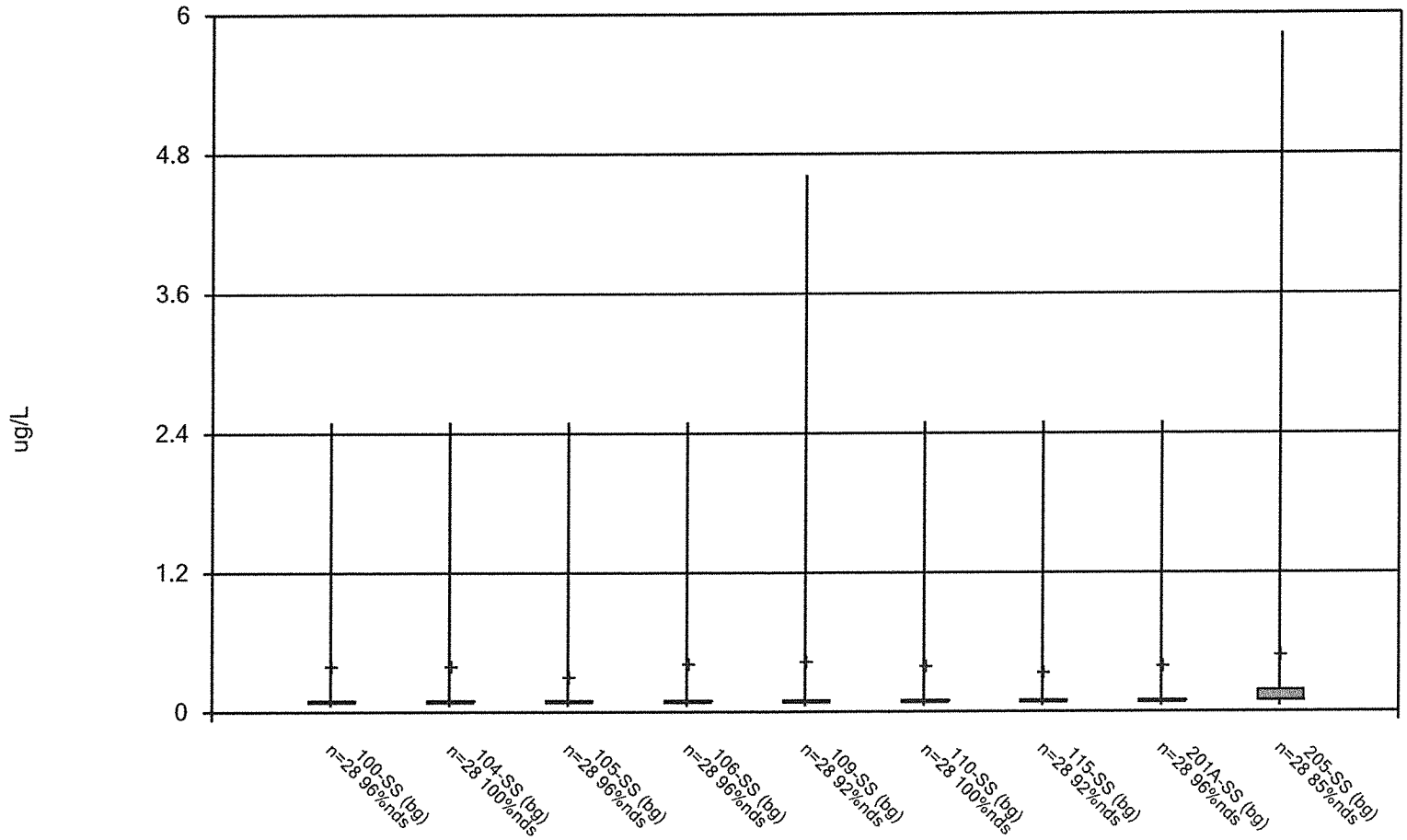


Constituent: Boron Total Analysis Run 9/7/2010 1:47 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

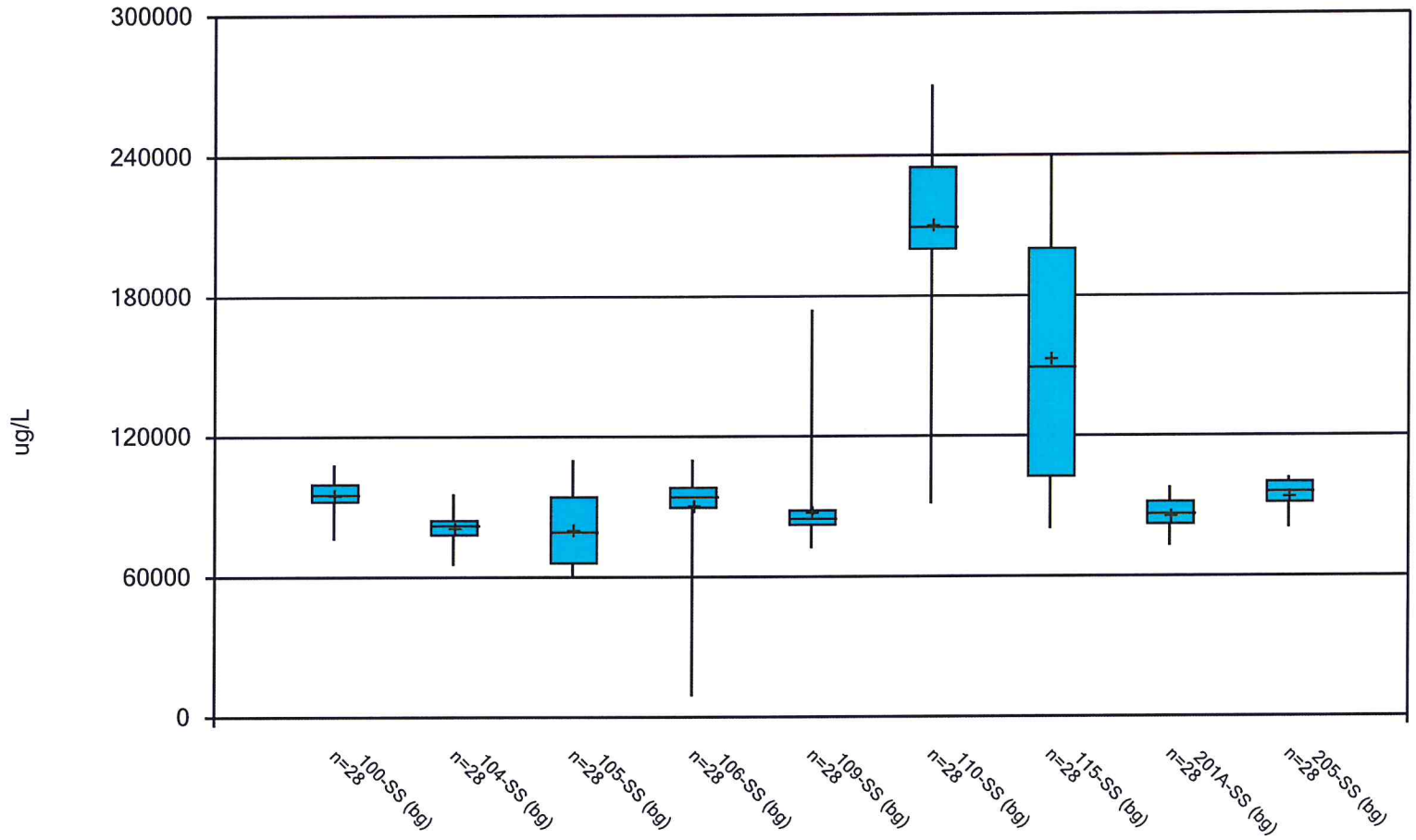


Constituent: Cadmium Total Analysis Run 9/7/2010 1:47 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

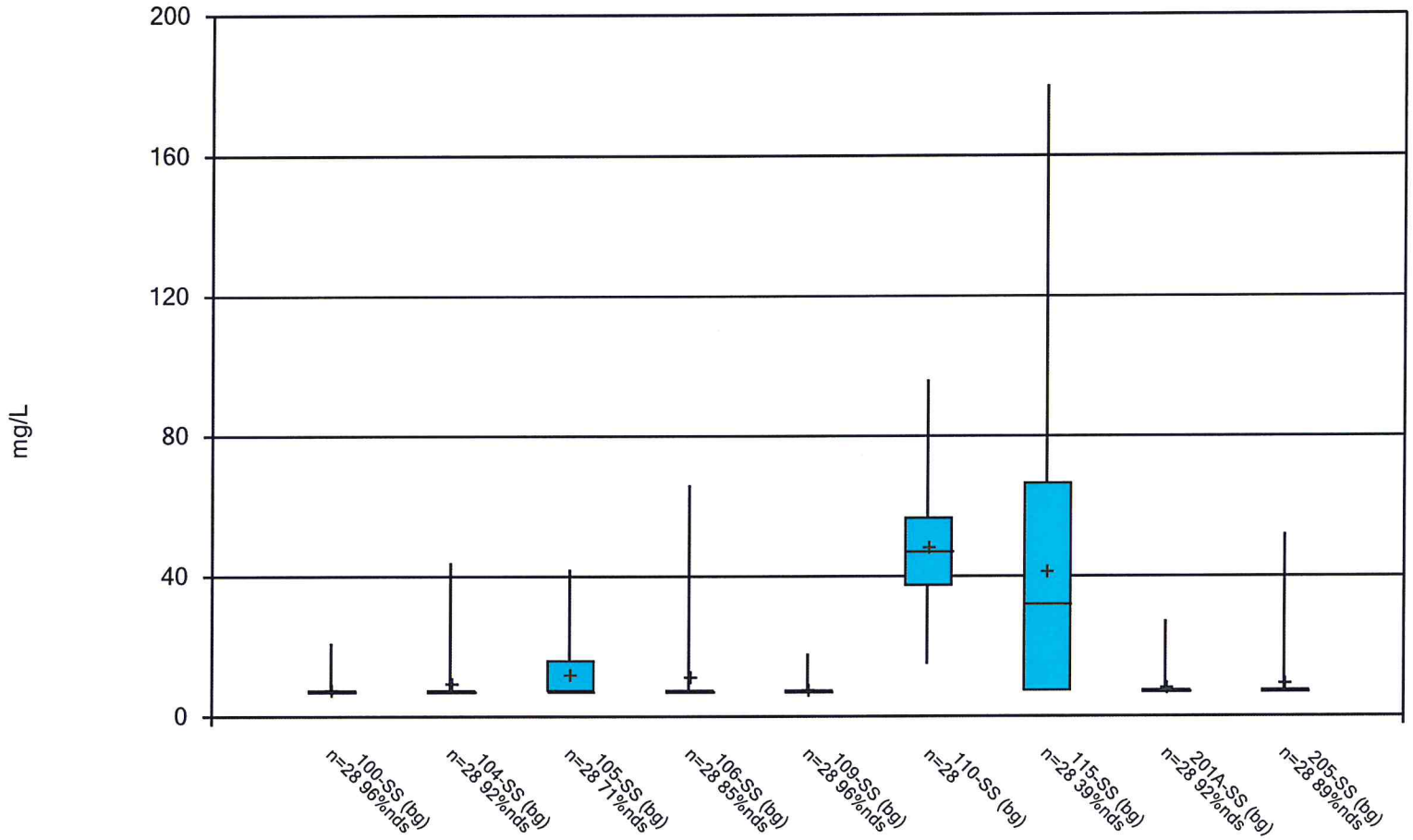


Constituent: Calcium Total Analysis Run 9/7/2010 1:47 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

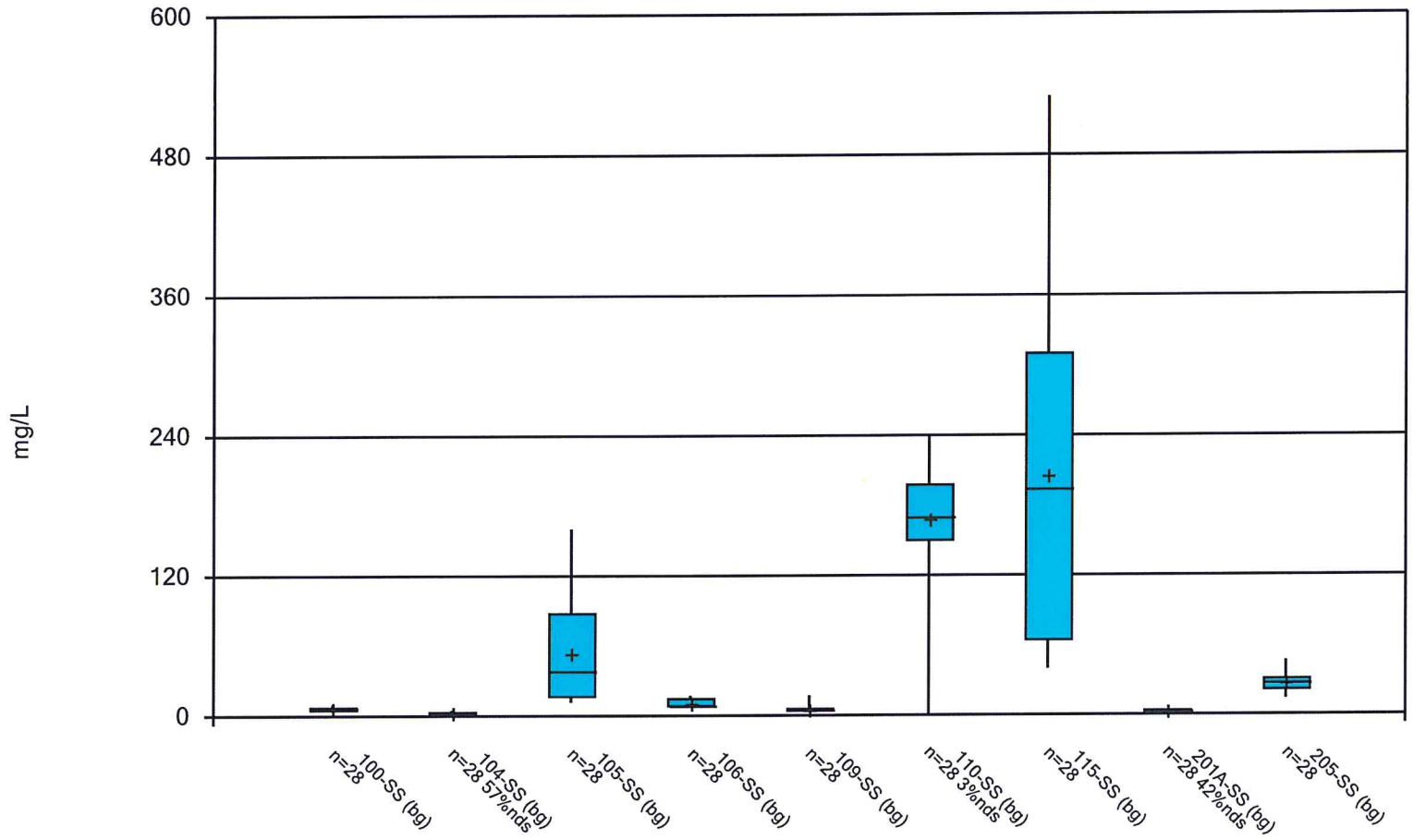


Constituent: Chemical Oxygen Demand [COD] Analysis Run 9/7/2010 1:47 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

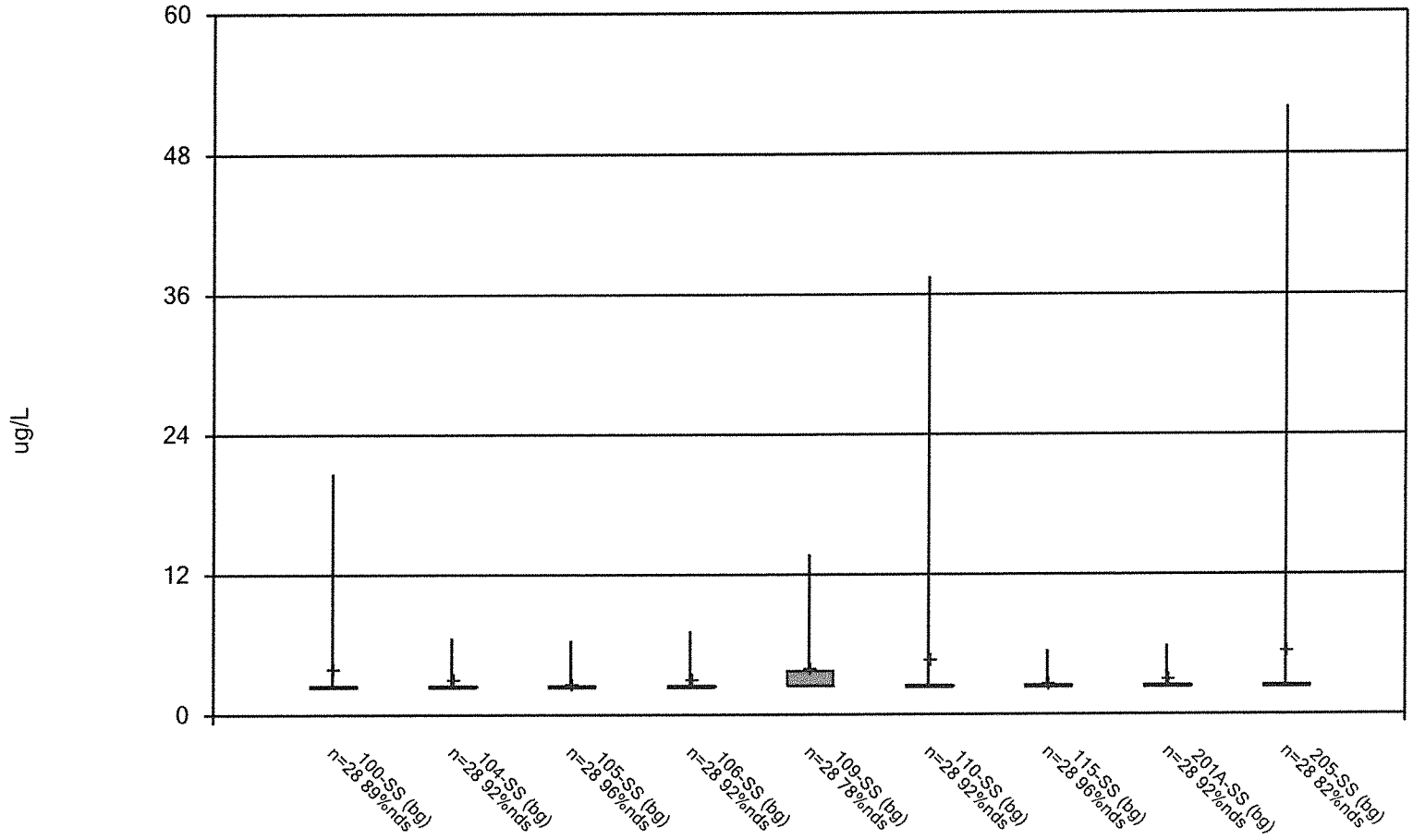


Constituent: Chloride Analysis Run 9/7/2010 1:47 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

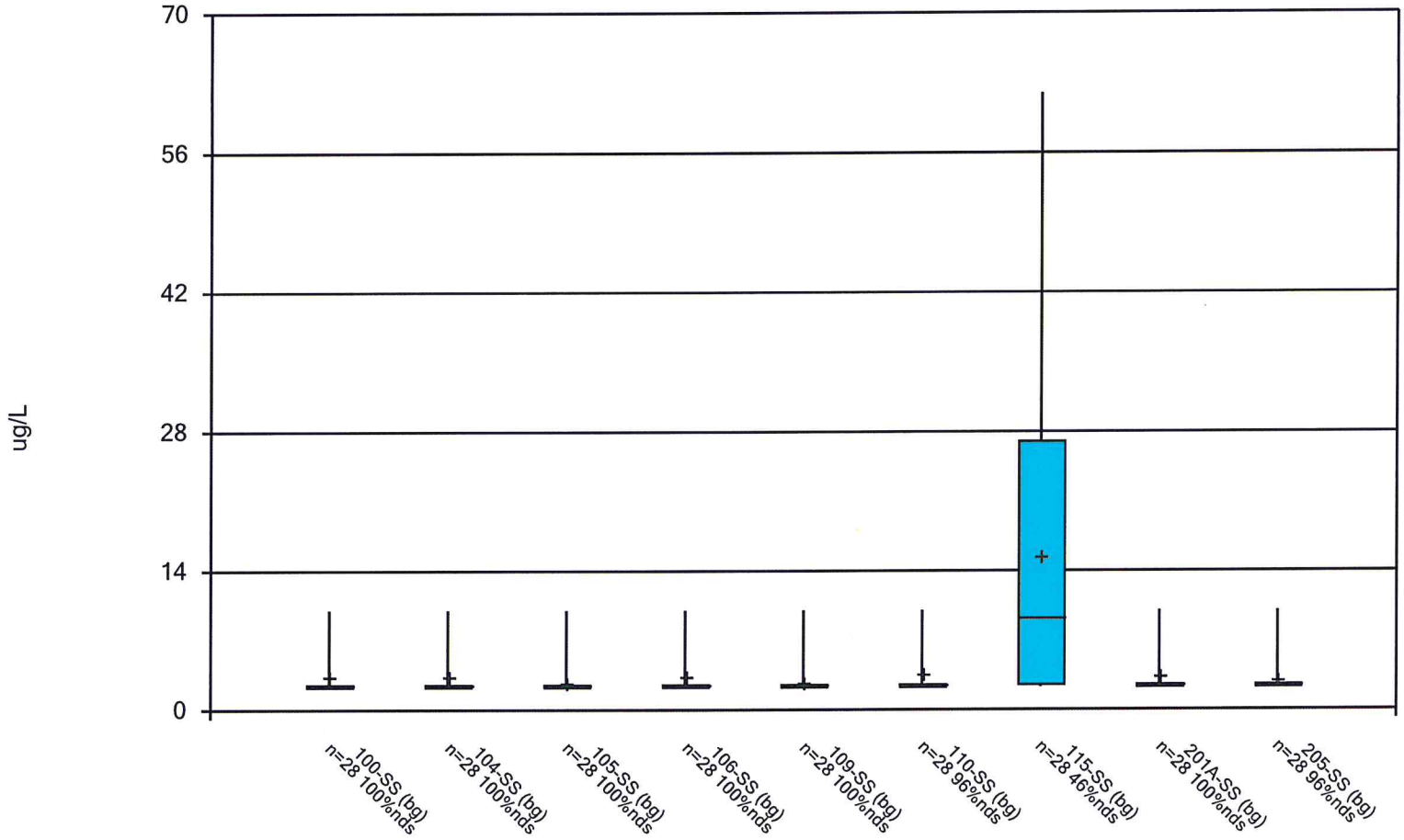


Constituent: Chromium Total Analysis Run 9/7/2010 1:47 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

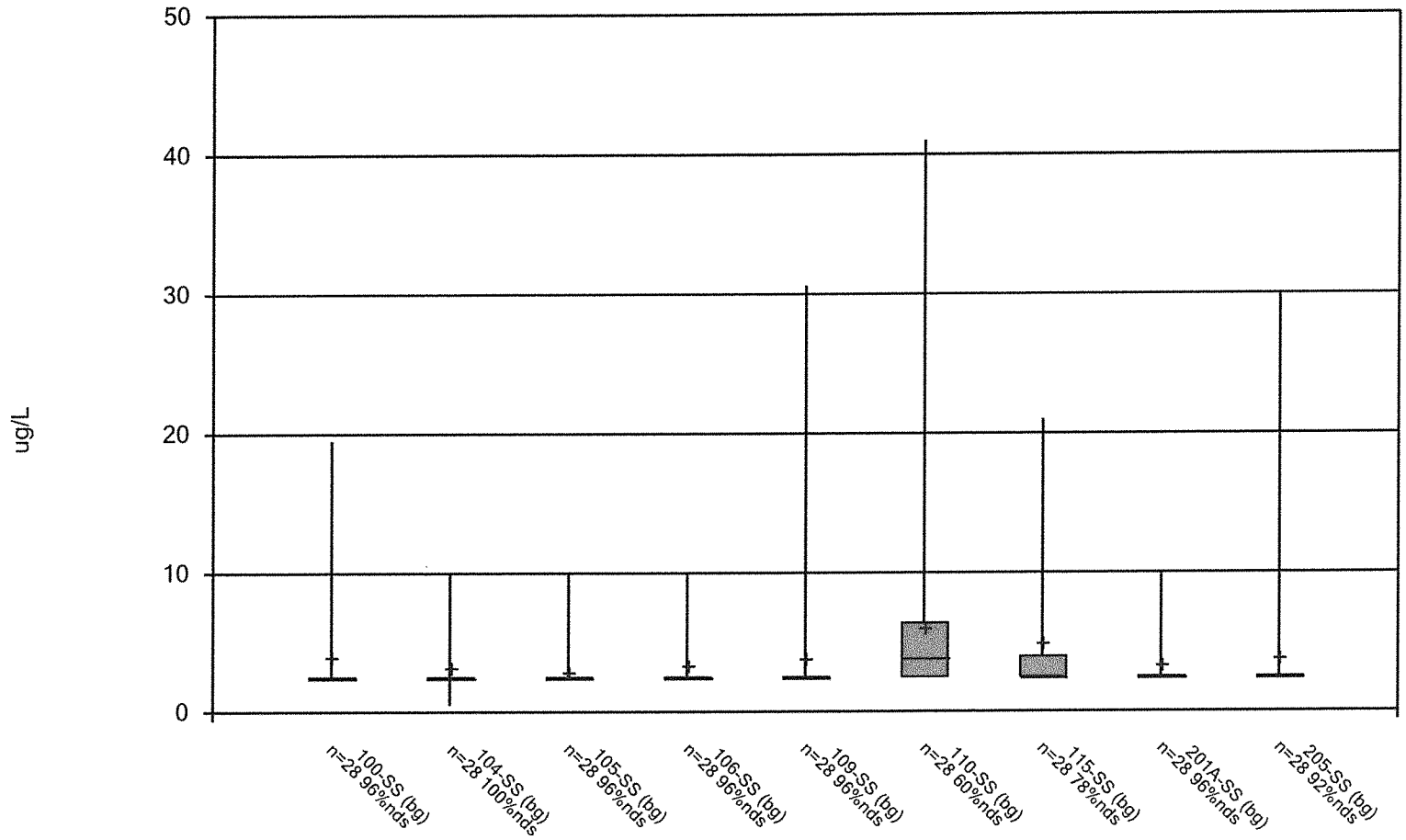


Constituent: Cobalt Total Analysis Run 9/7/2010 1:47 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

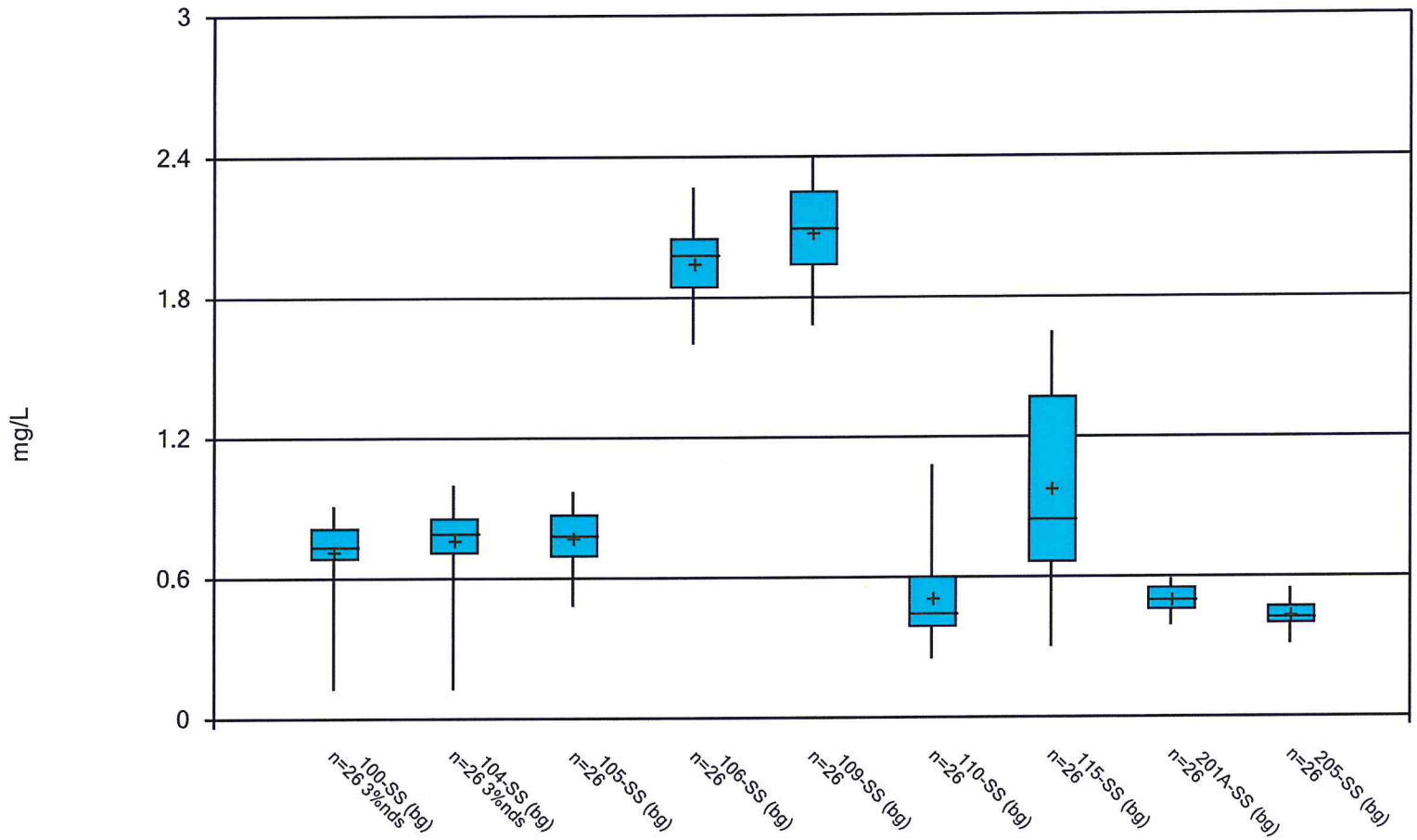


Constituent: Copper Total Analysis Run 9/7/2010 1:47 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

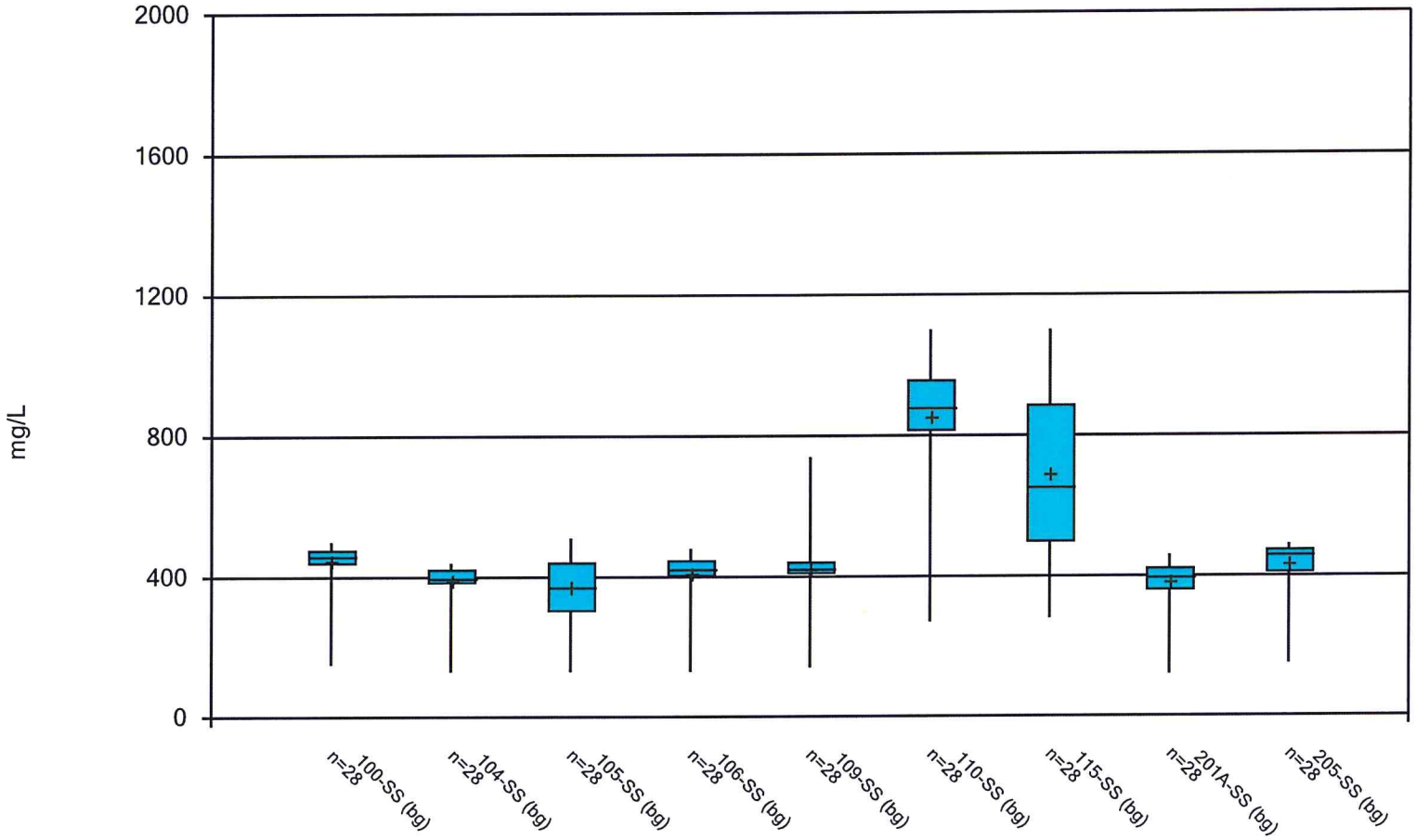


Constituent: Fluoride Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

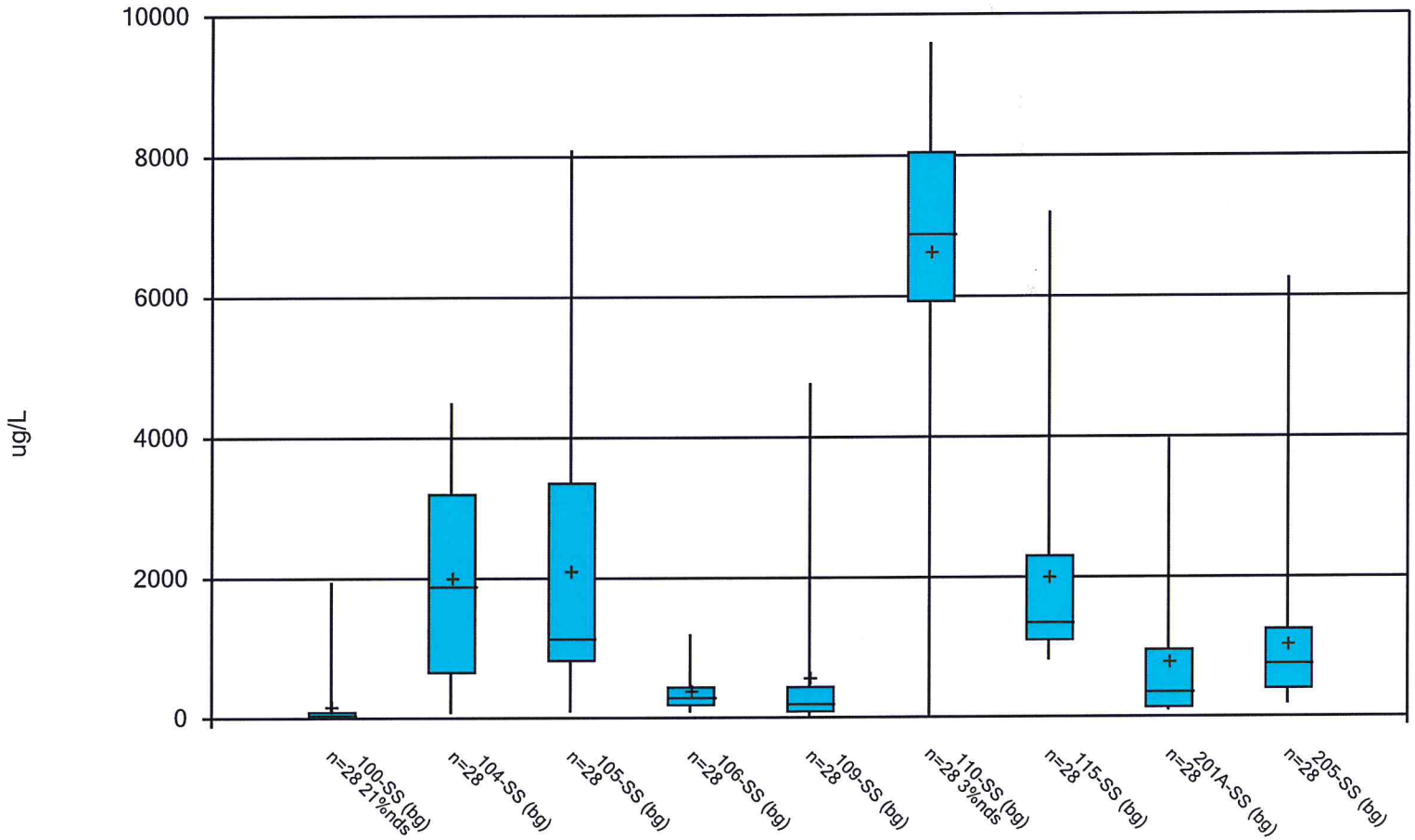


Constituent: Hardness Total Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

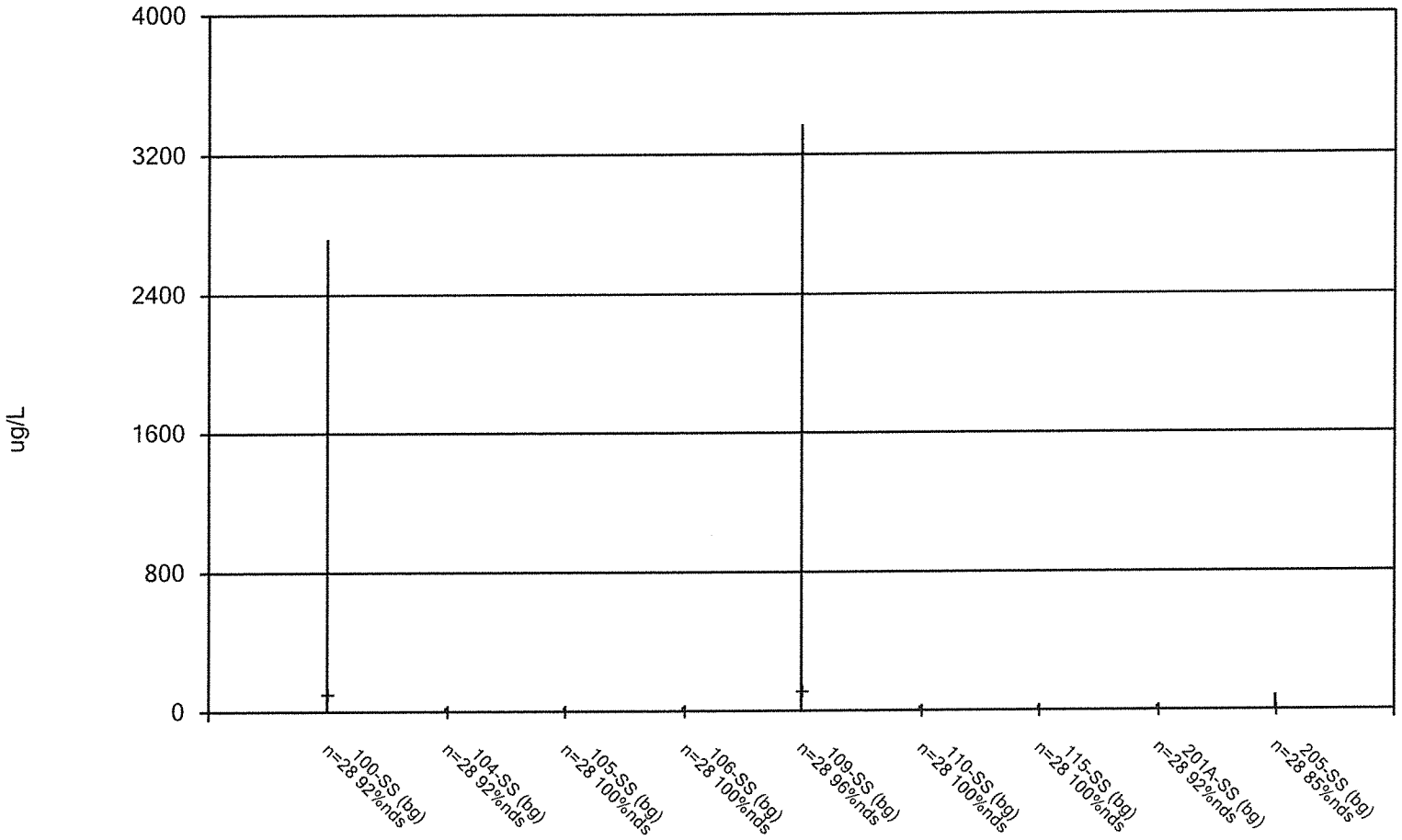


Constituent: Iron Total Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

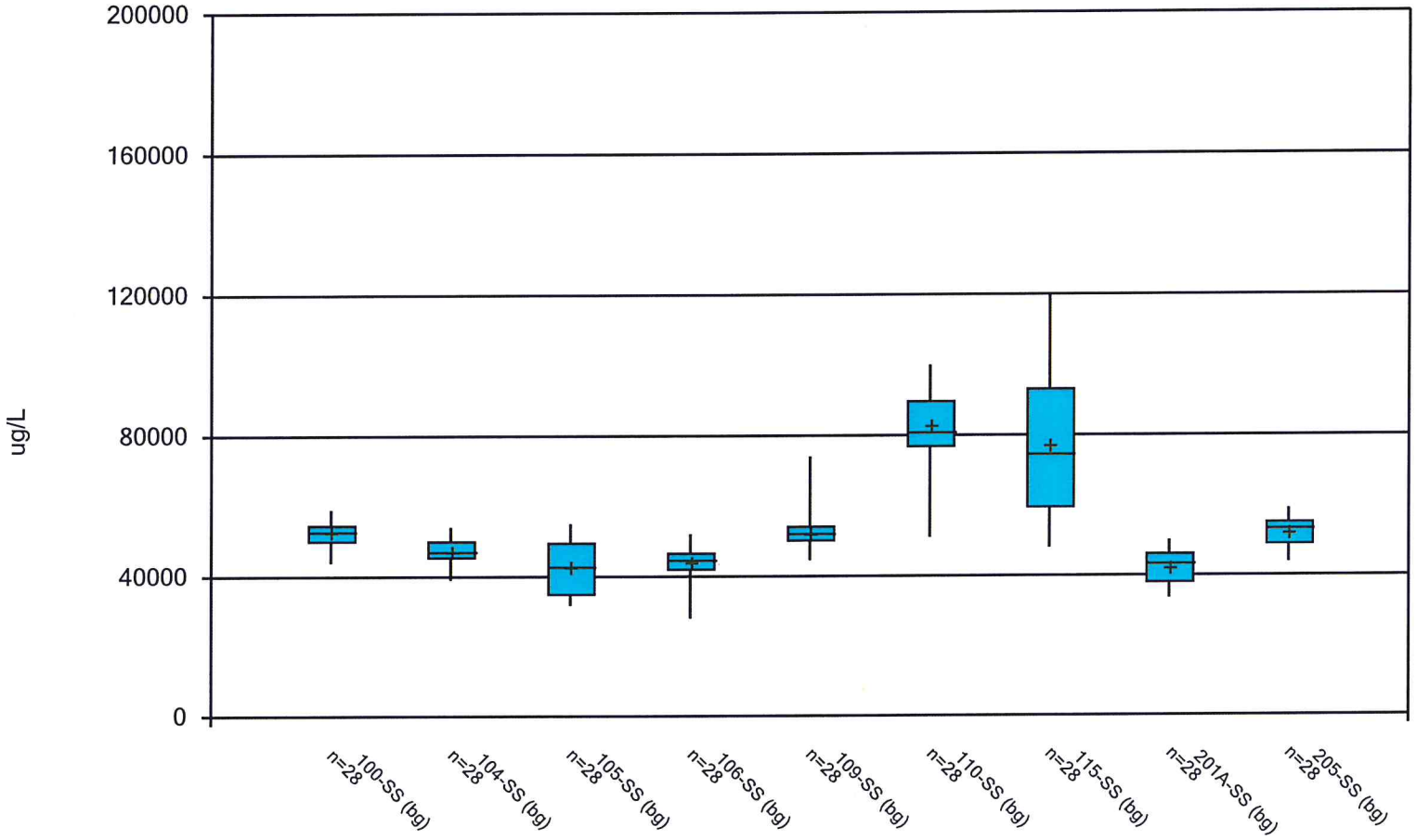


Constituent: Lead Total Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

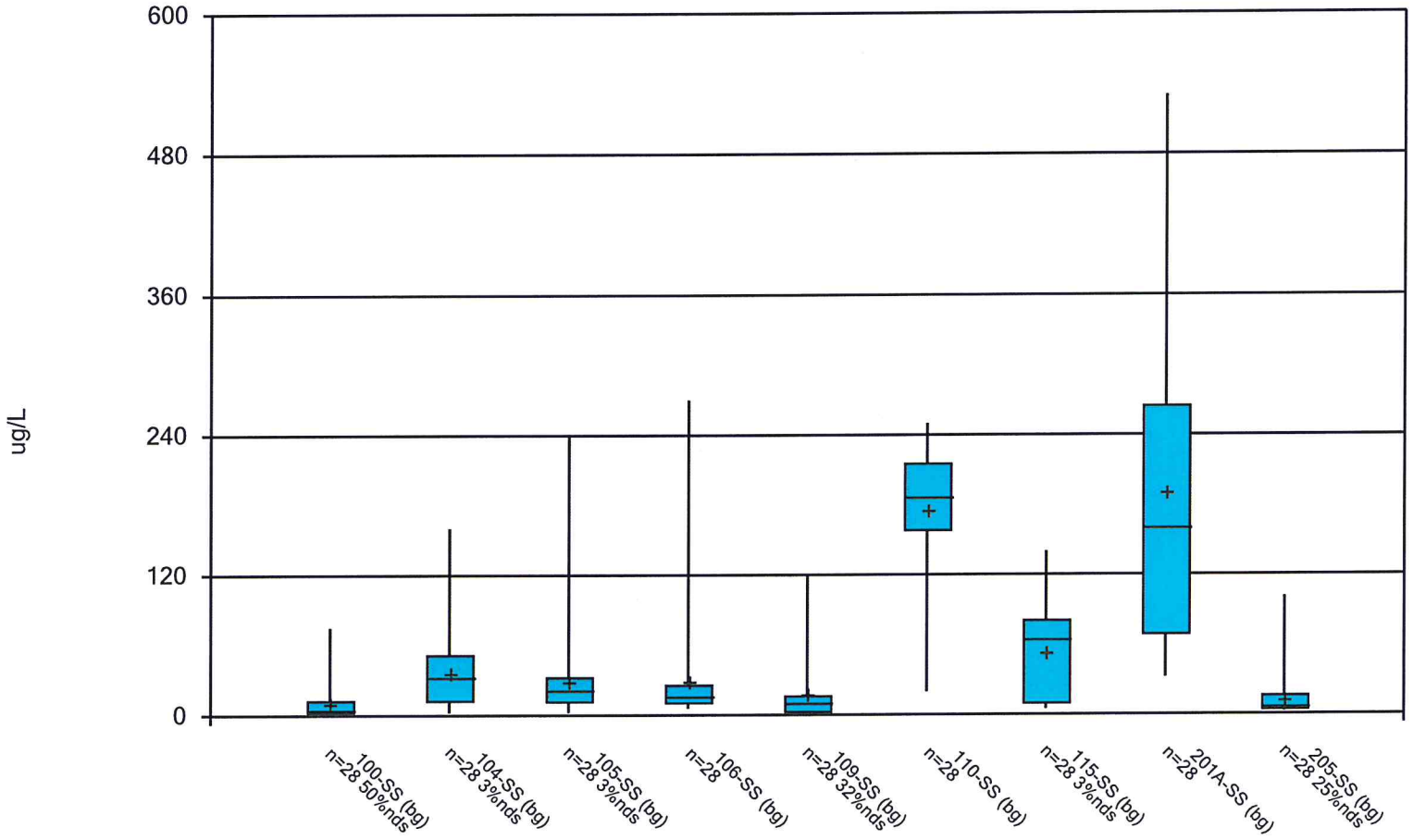


Constituent: Magnesium Total Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

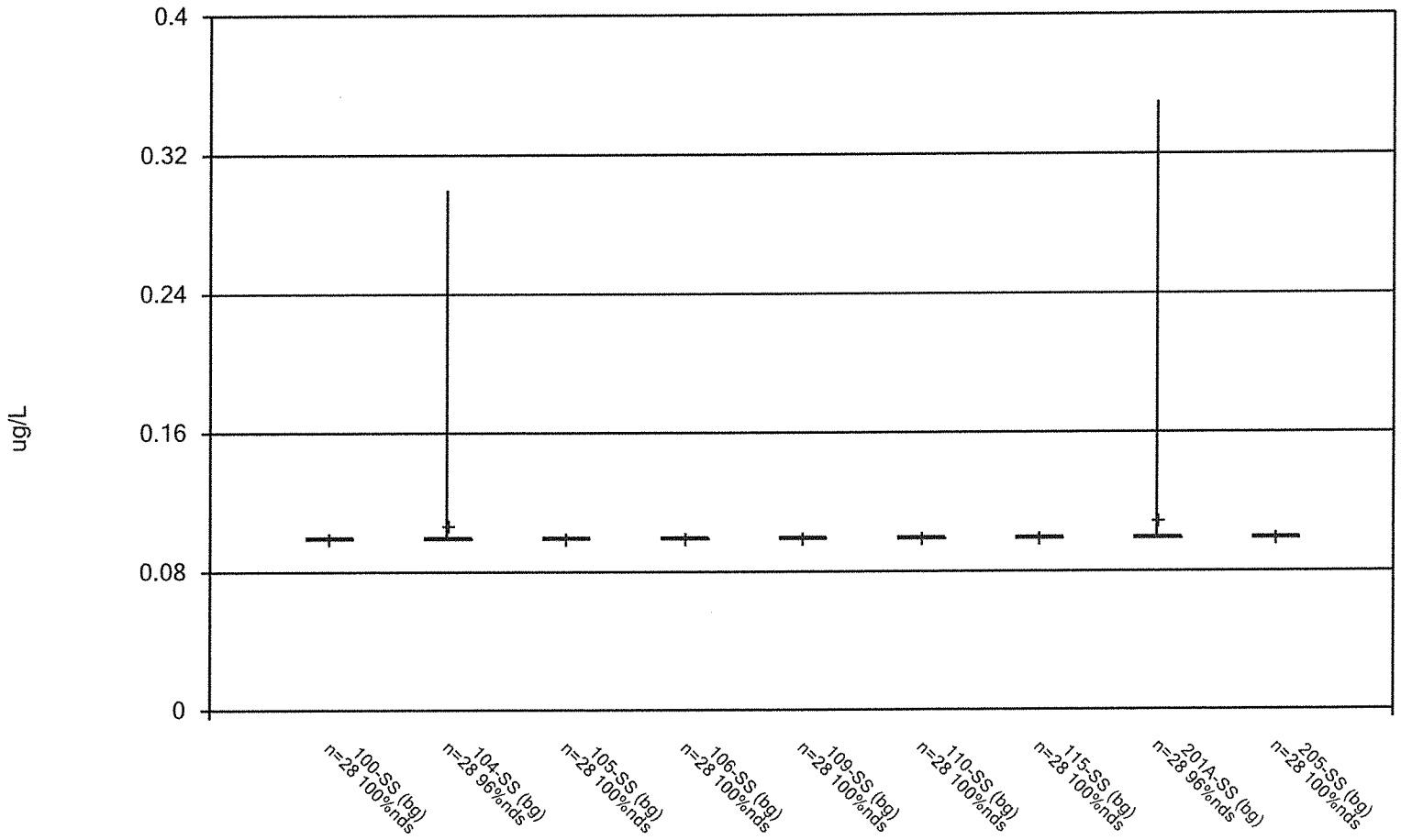


Constituent: Manganese Total Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

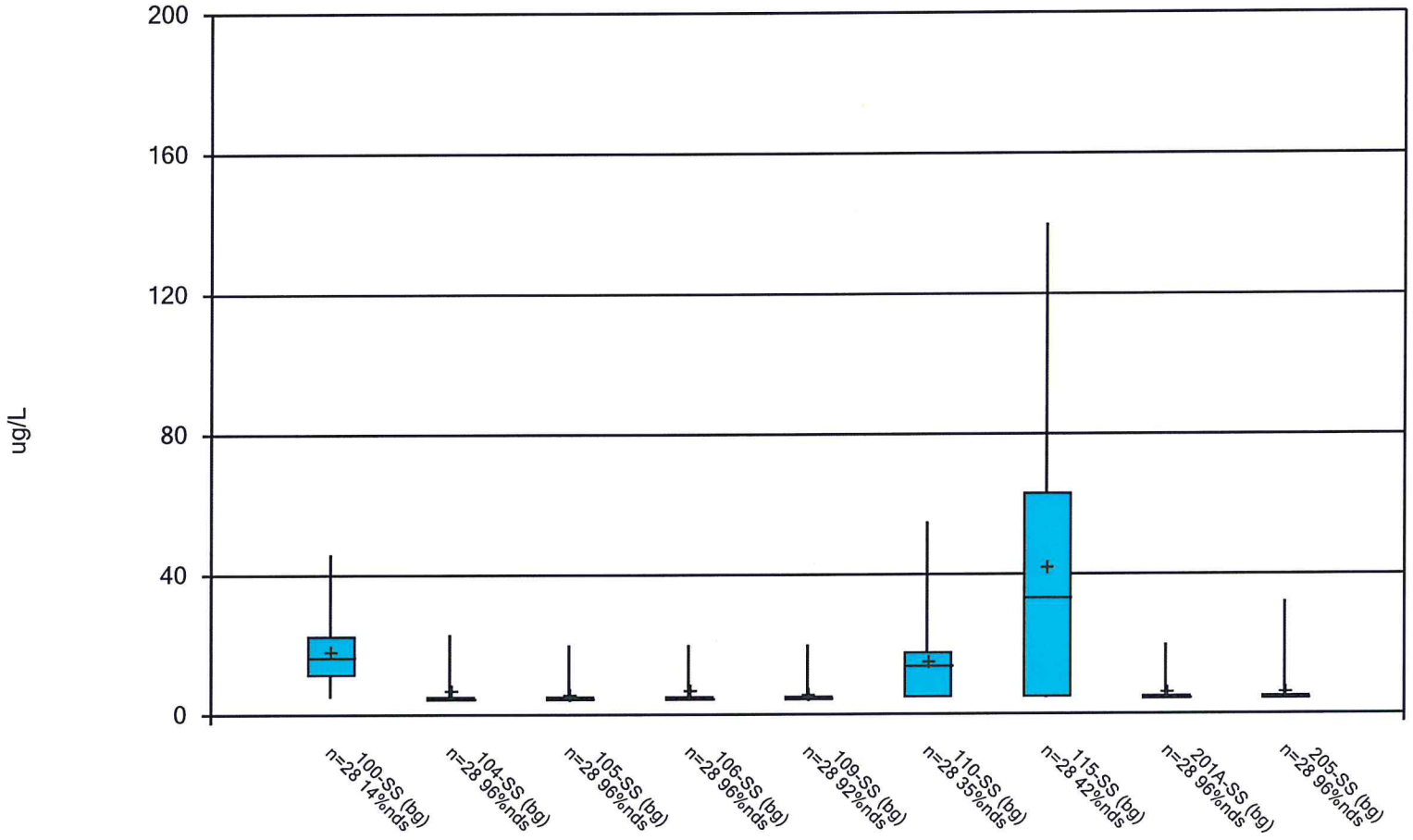


Constituent: Mercury Total Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

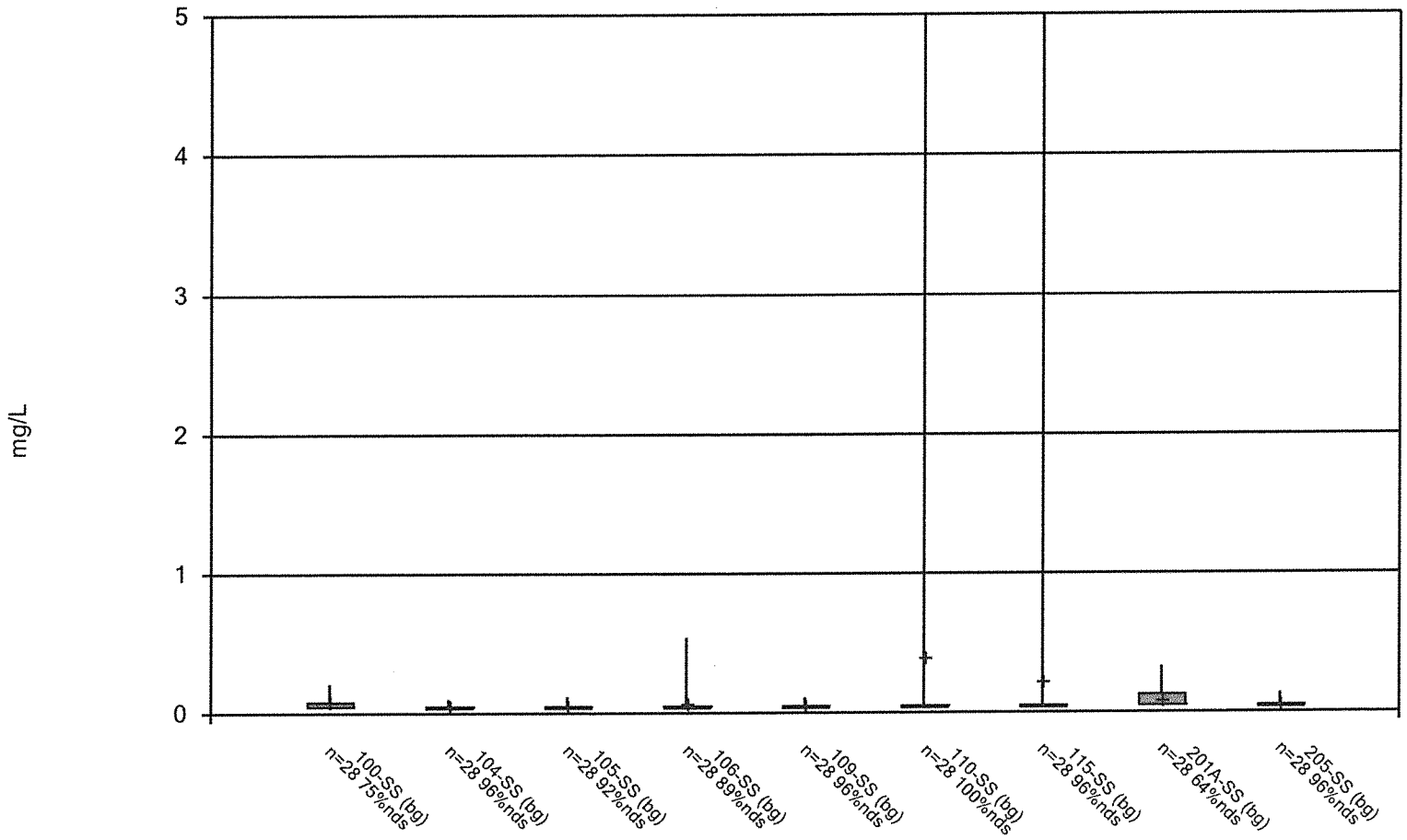


Constituent: Nickel Total Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

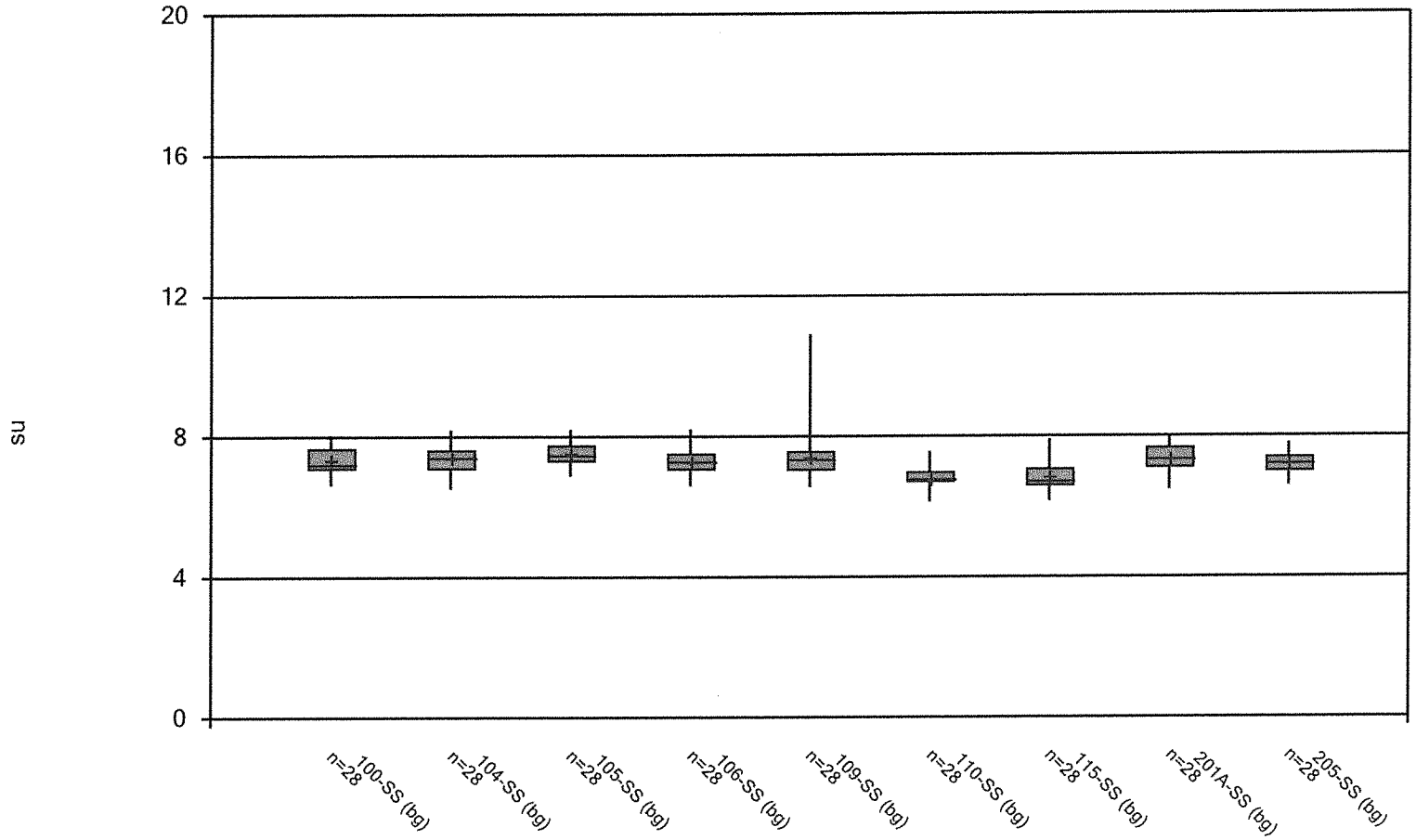


Constituent: Nitrate/Nitrite Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

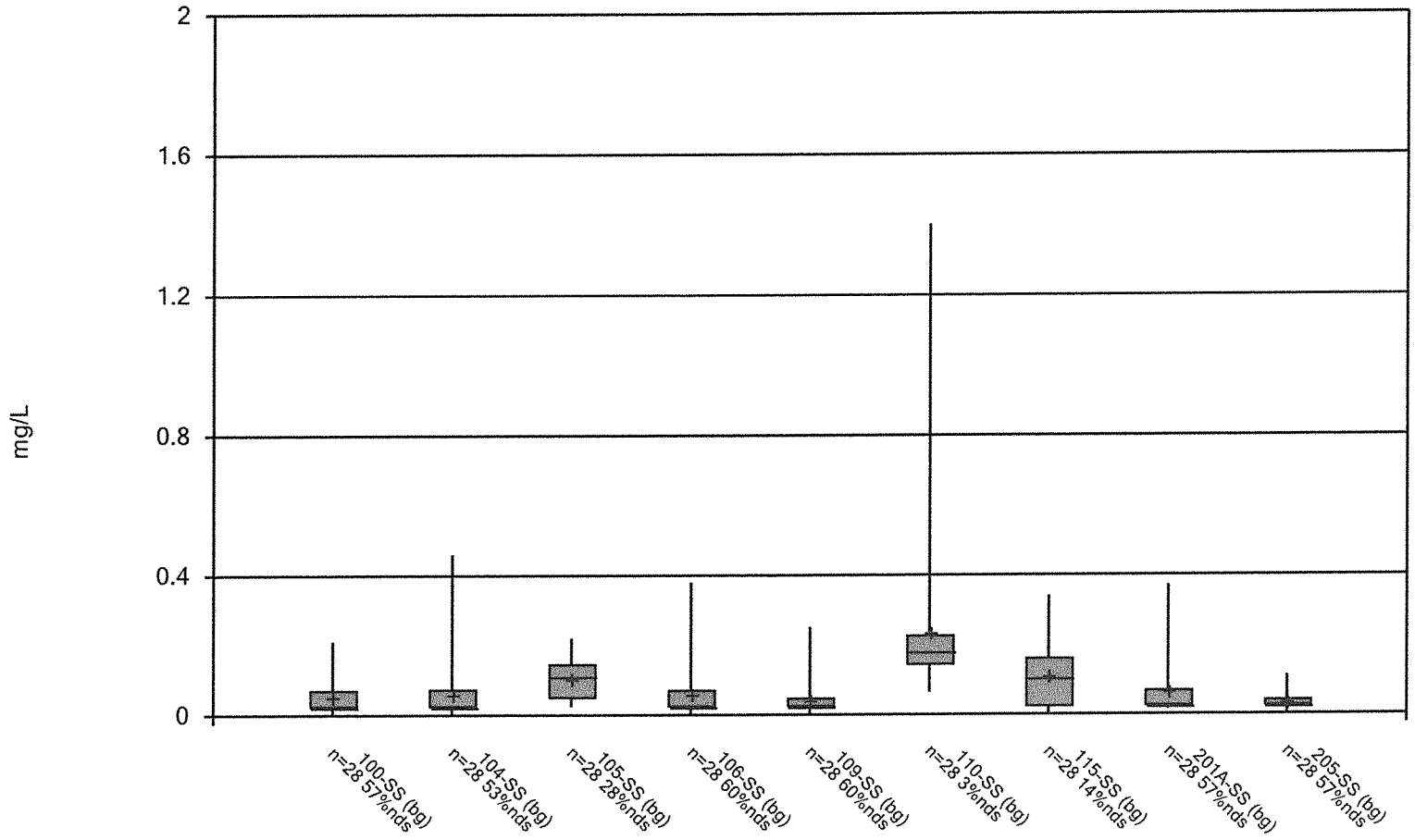


Constituent: pH [Field] Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

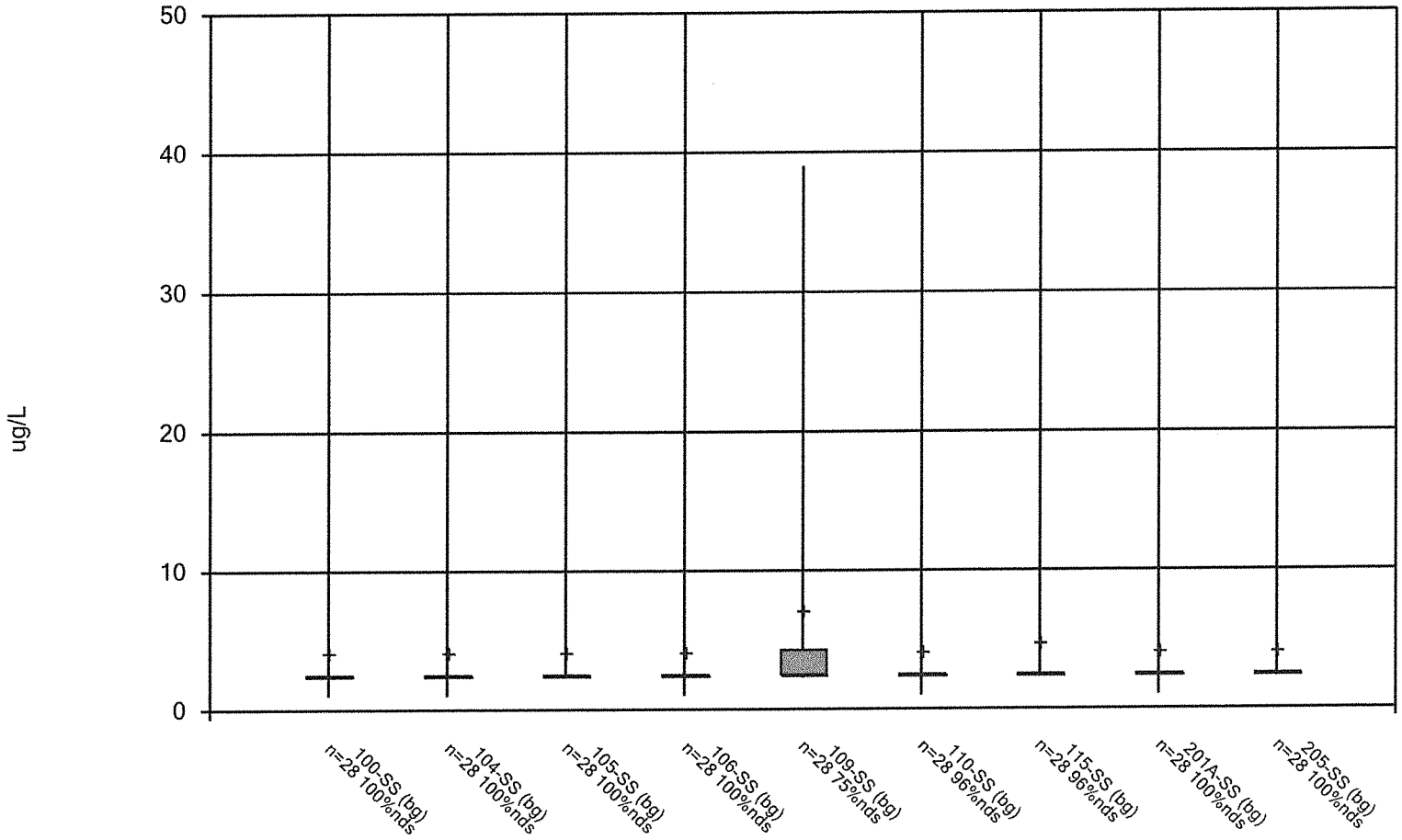


Constituent: Phosphorus Total Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

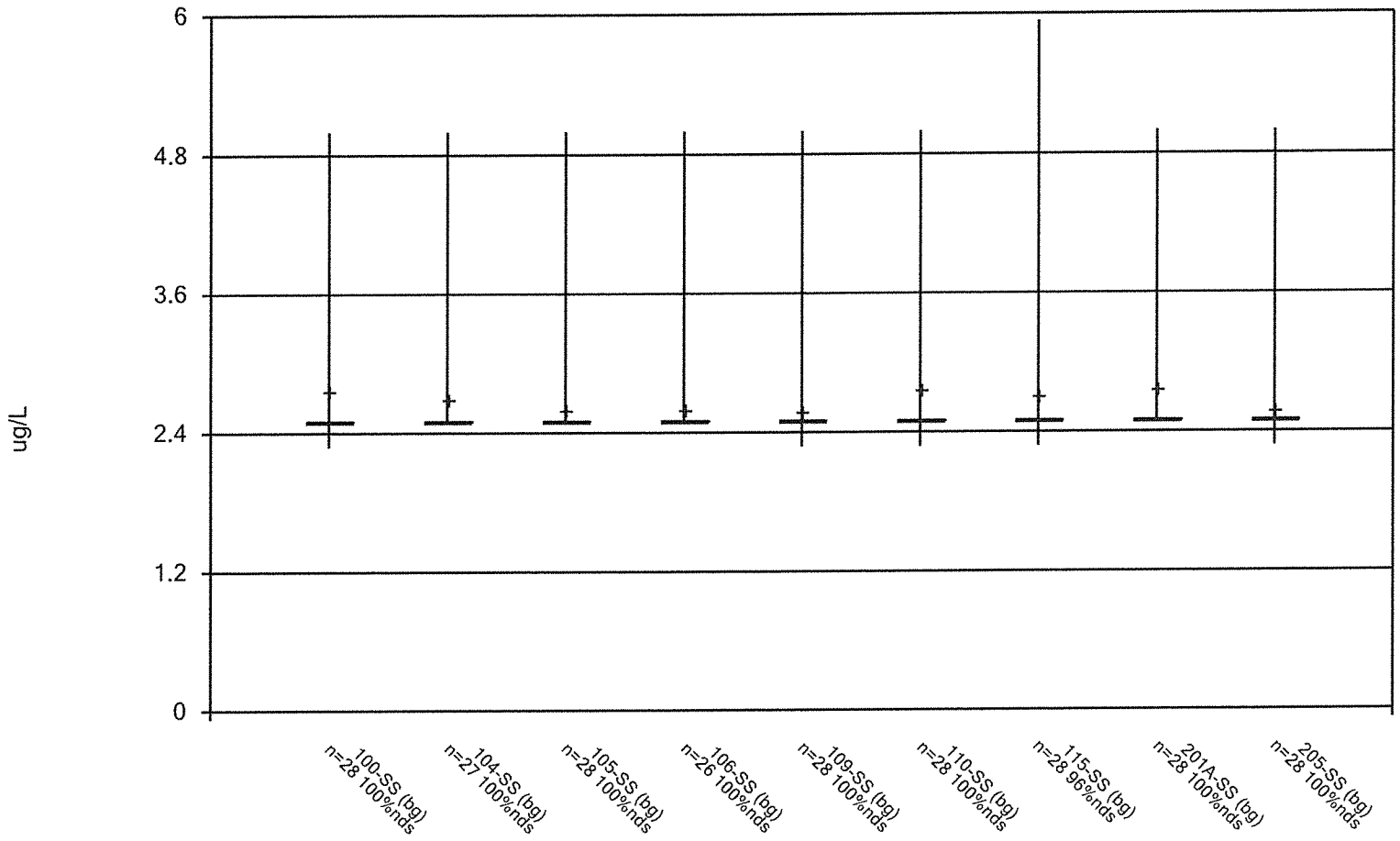


Constituent: Selenium Total Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

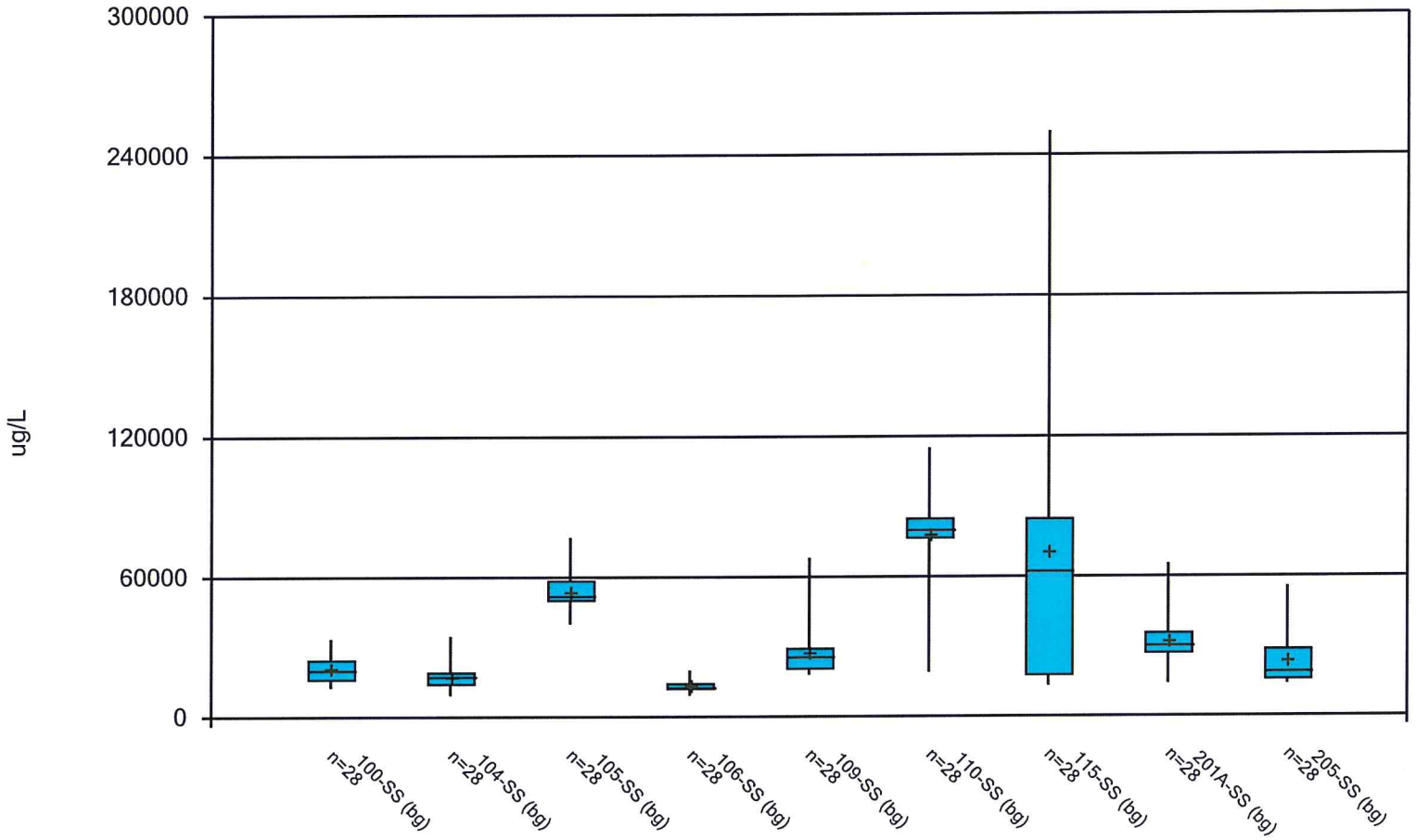


Constituent: Silver Total Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

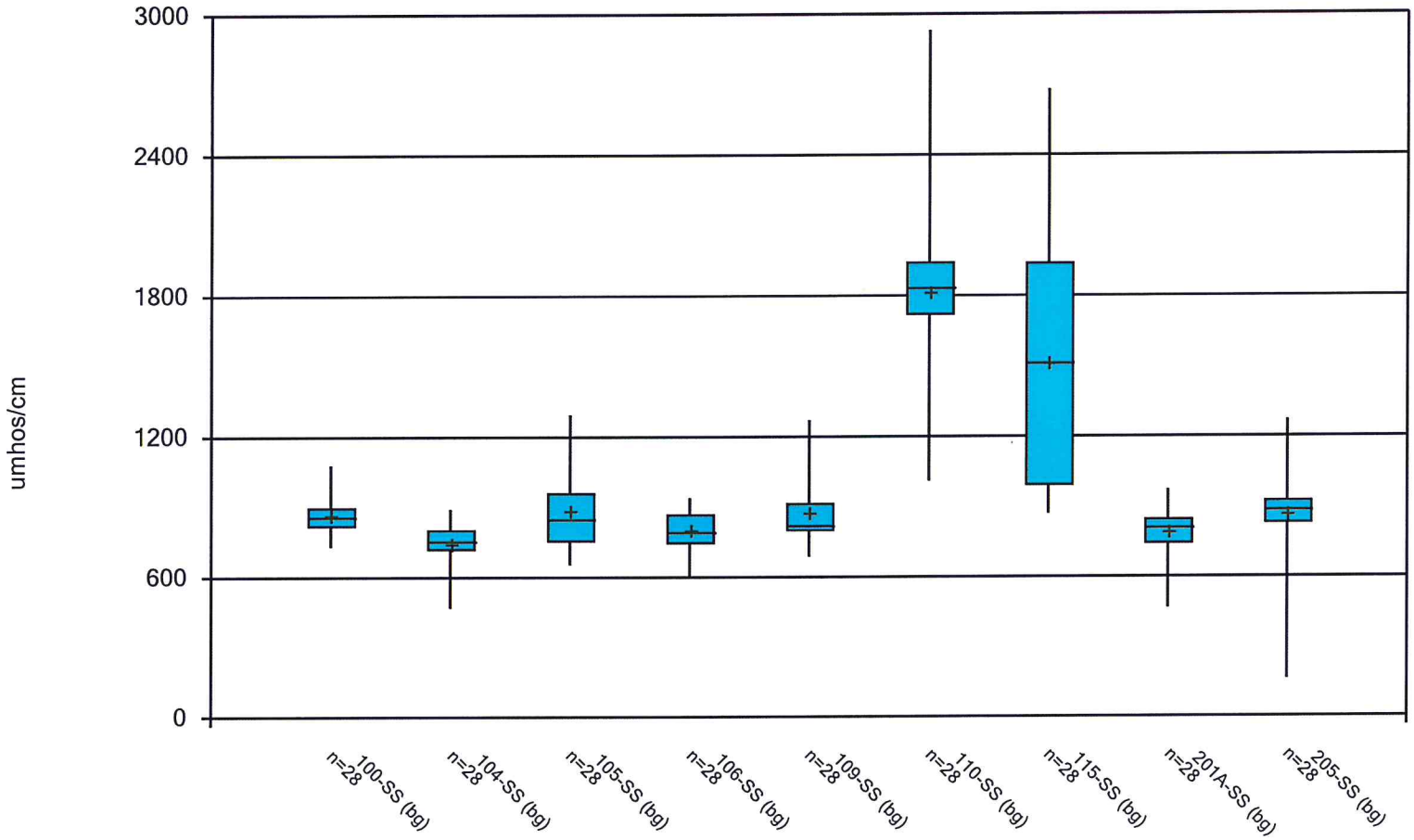


Constituent: Sodium Total Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

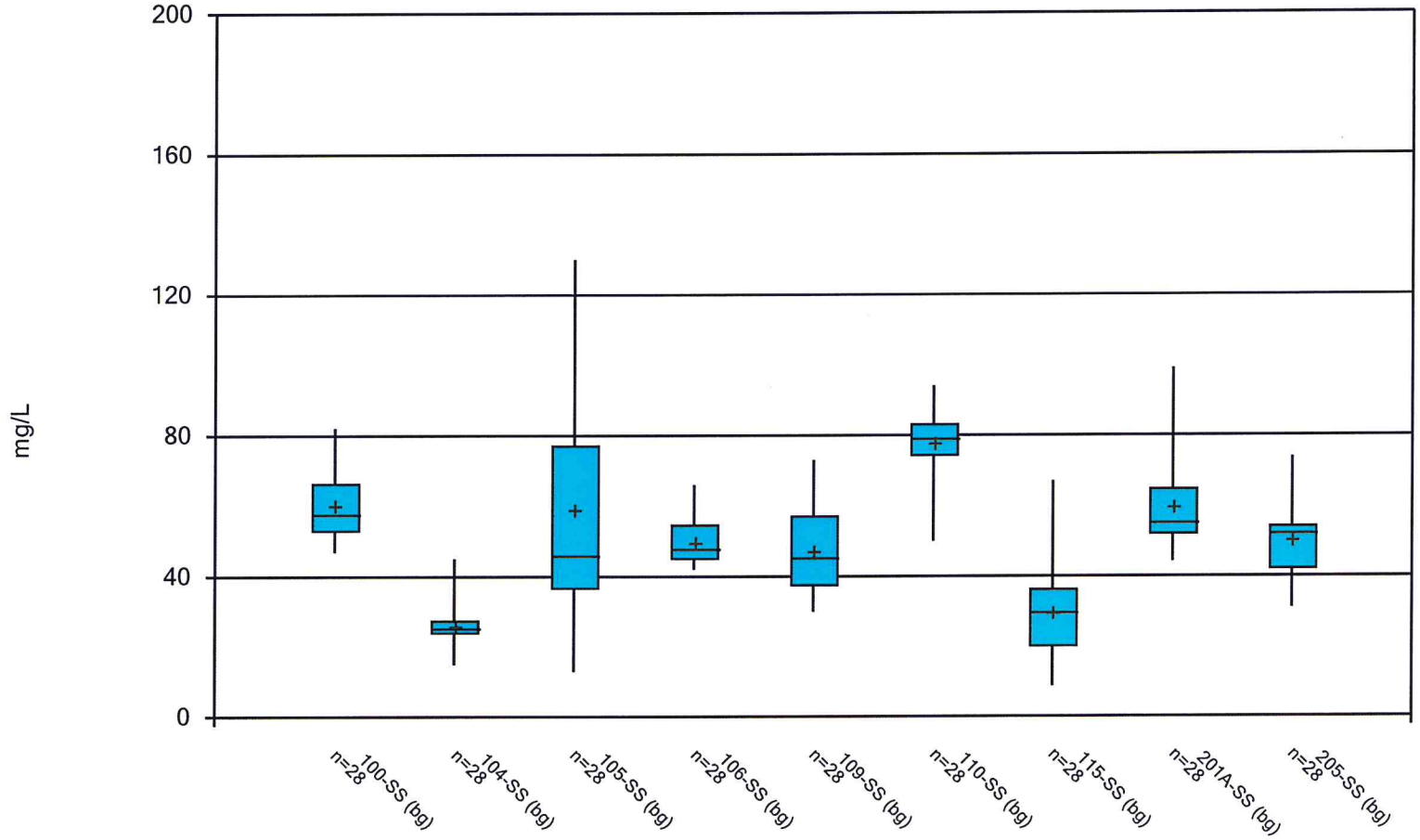


Constituent: Specific Conductance [Field] Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

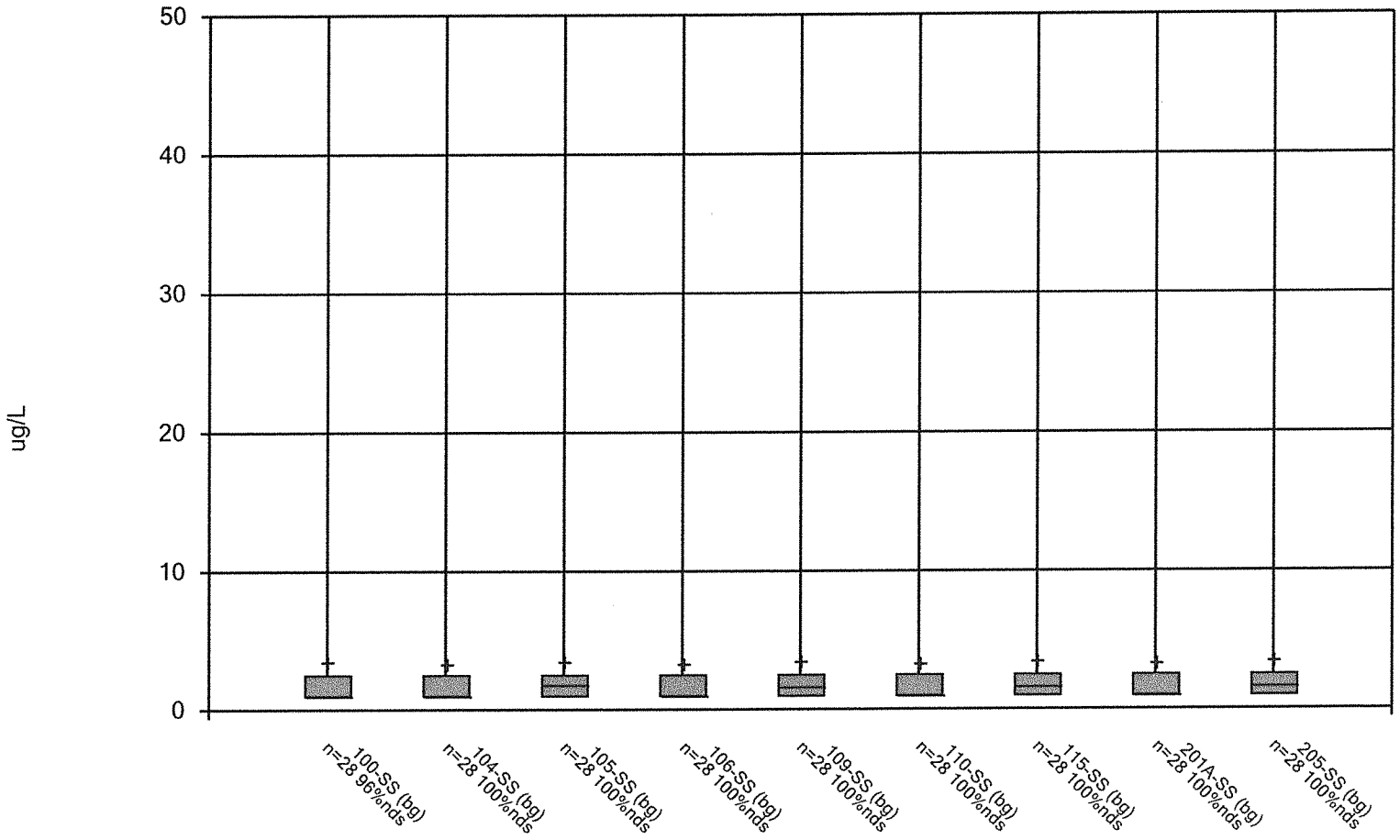


Constituent: Sulfate as SO4 Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

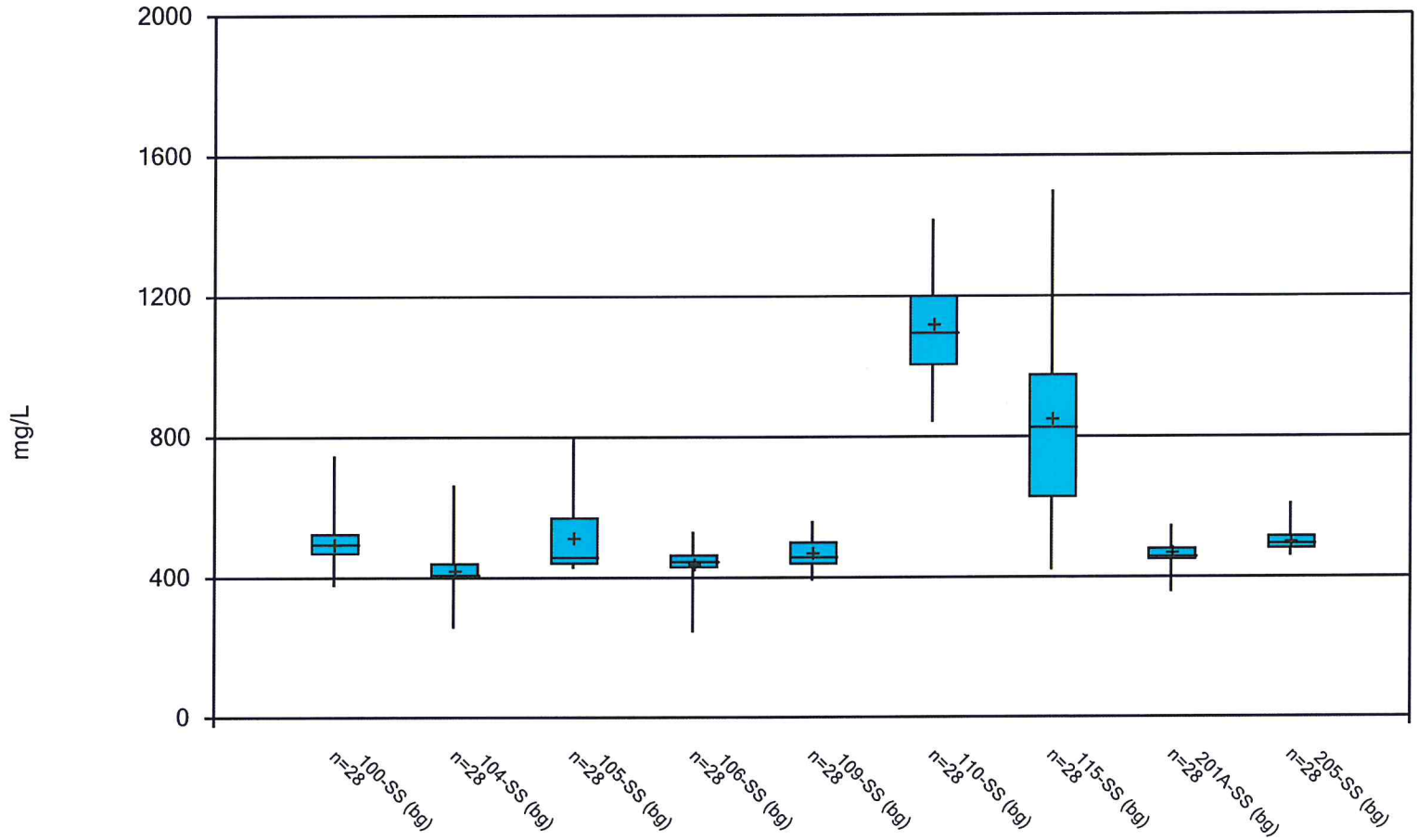


Constituent: Thallium Total Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

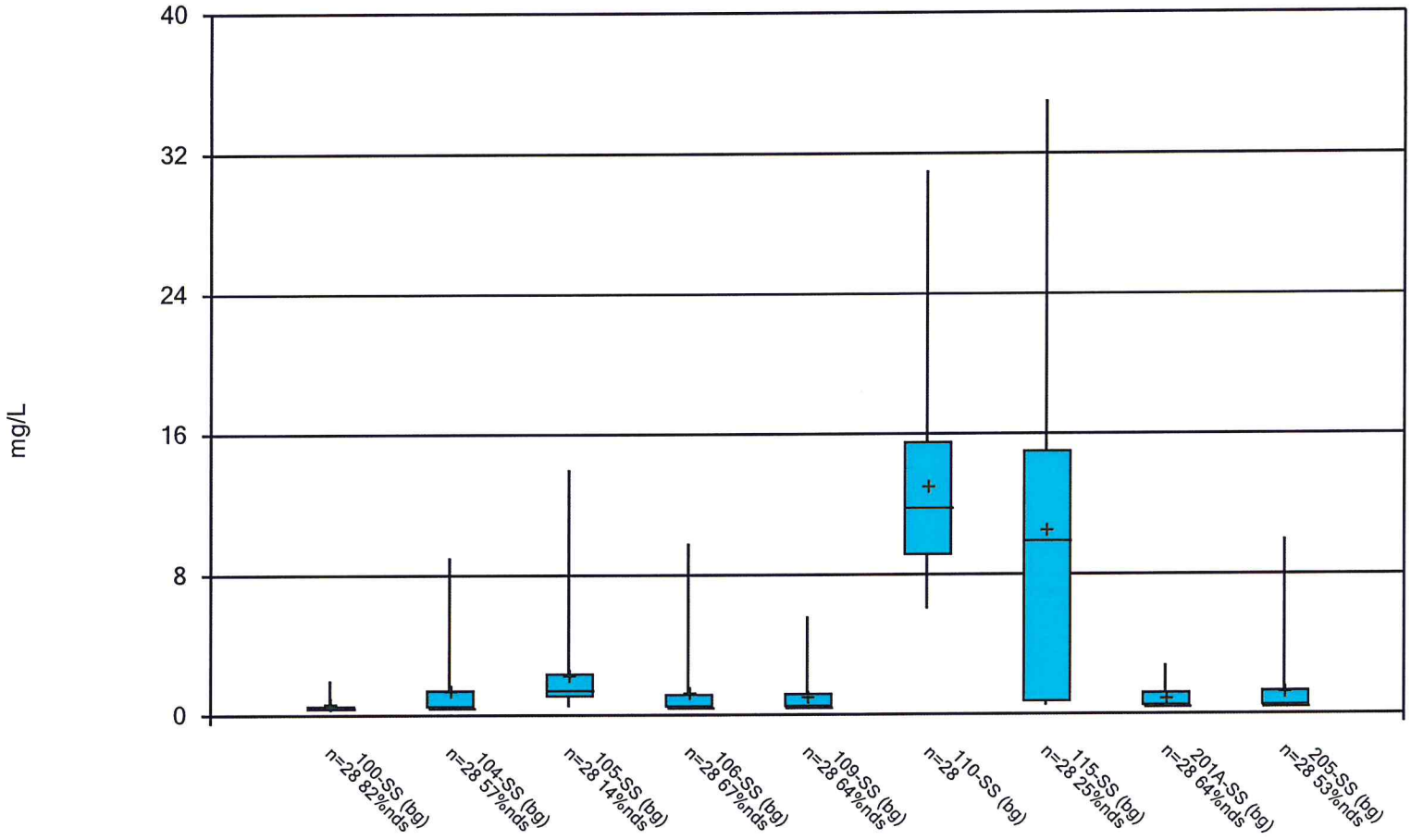


Constituent: Total Dissolved Solids [TDS] Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

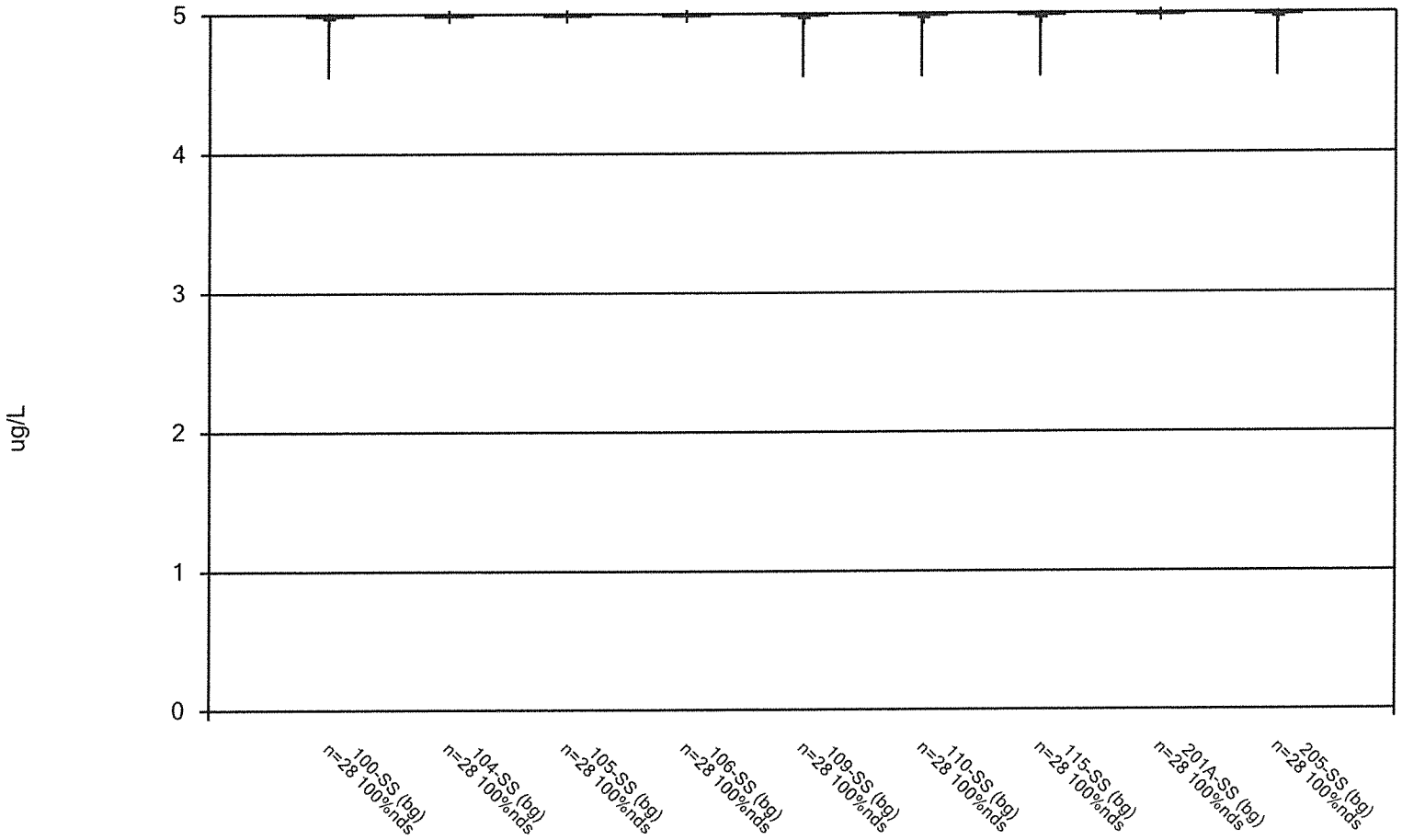


Constituent: Total Organic Carbon [TOC] Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

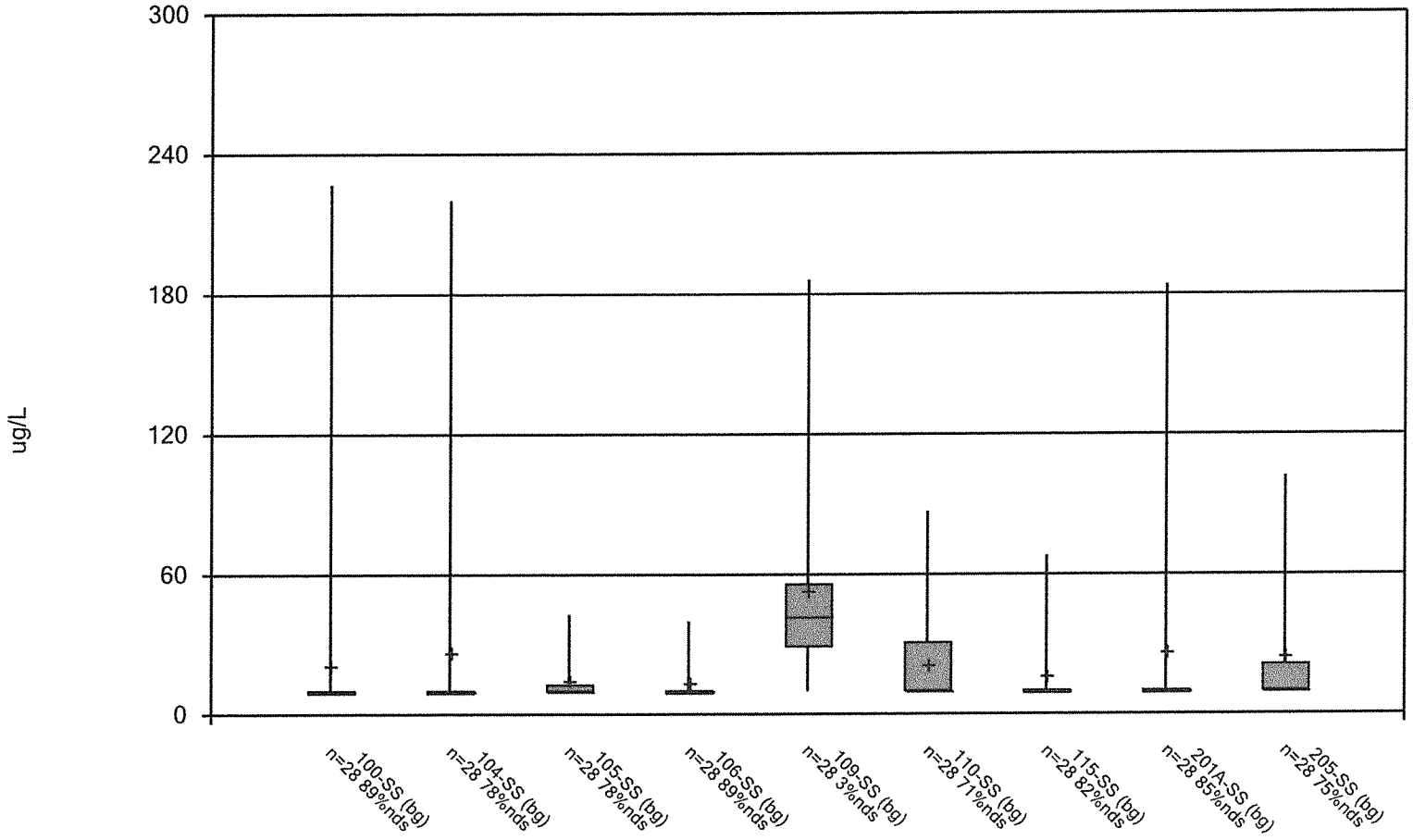


Constituent: Vanadium Total Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

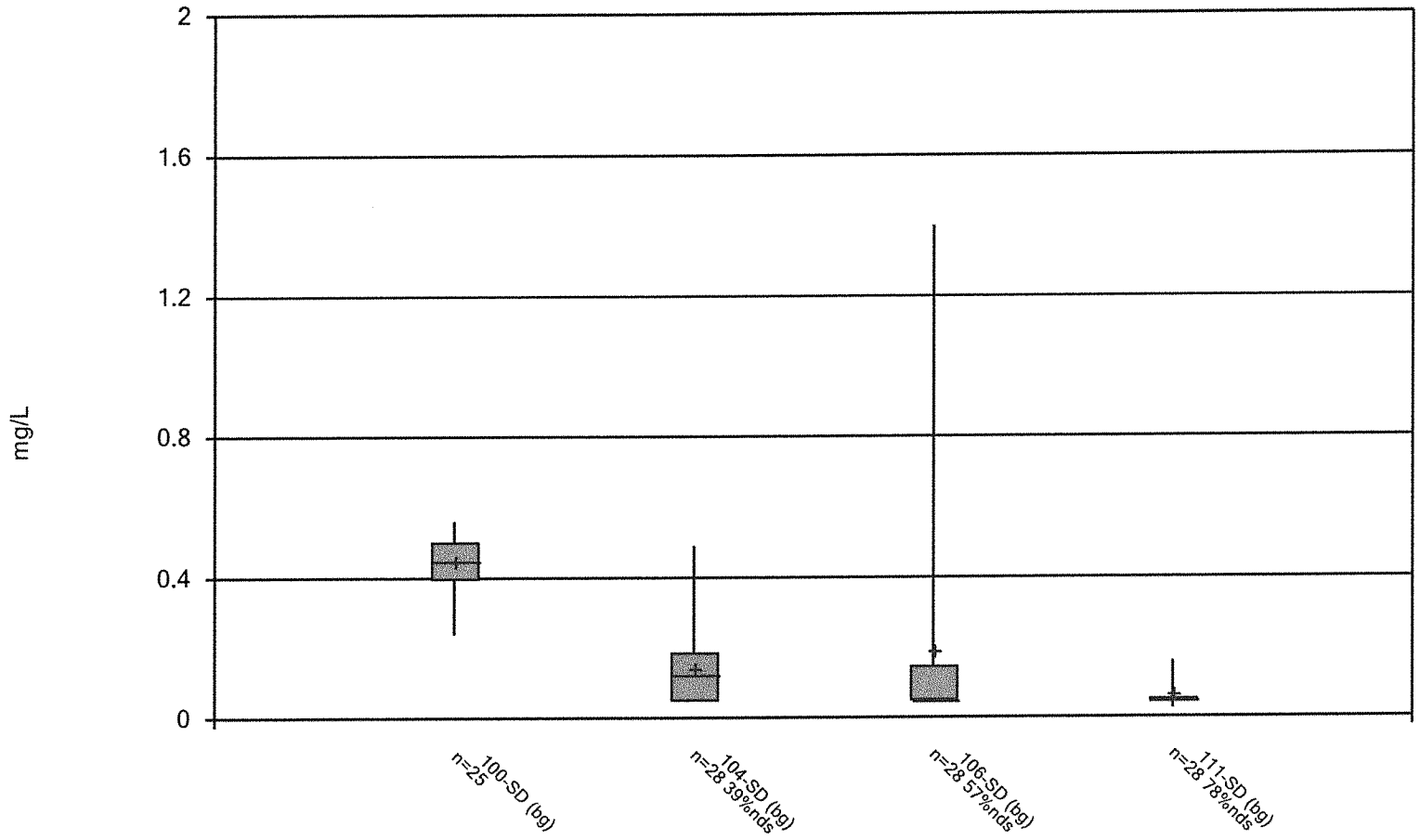


Constituent: Zinc Total Analysis Run 9/7/2010 1:48 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

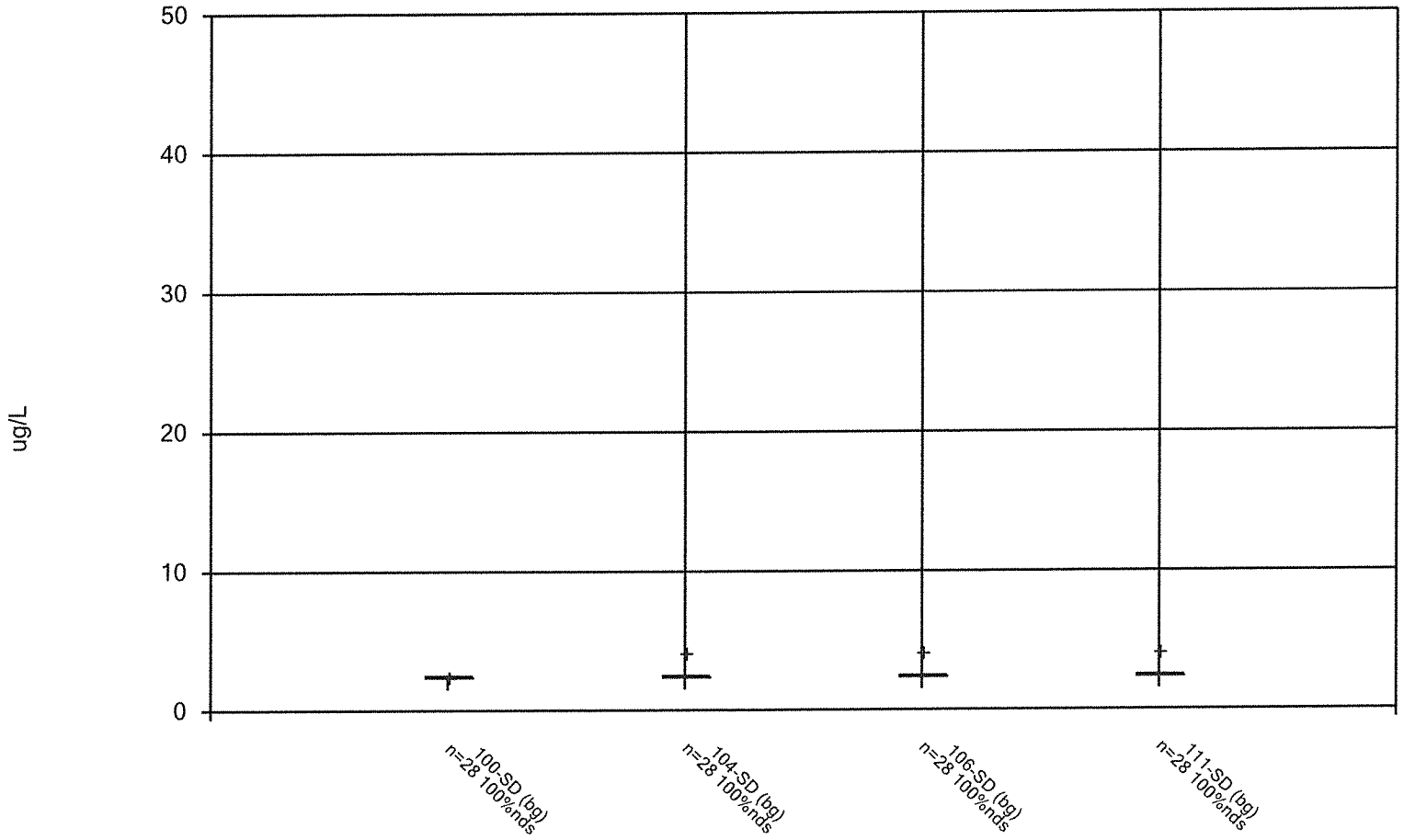


Constituent: Ammonia as N Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

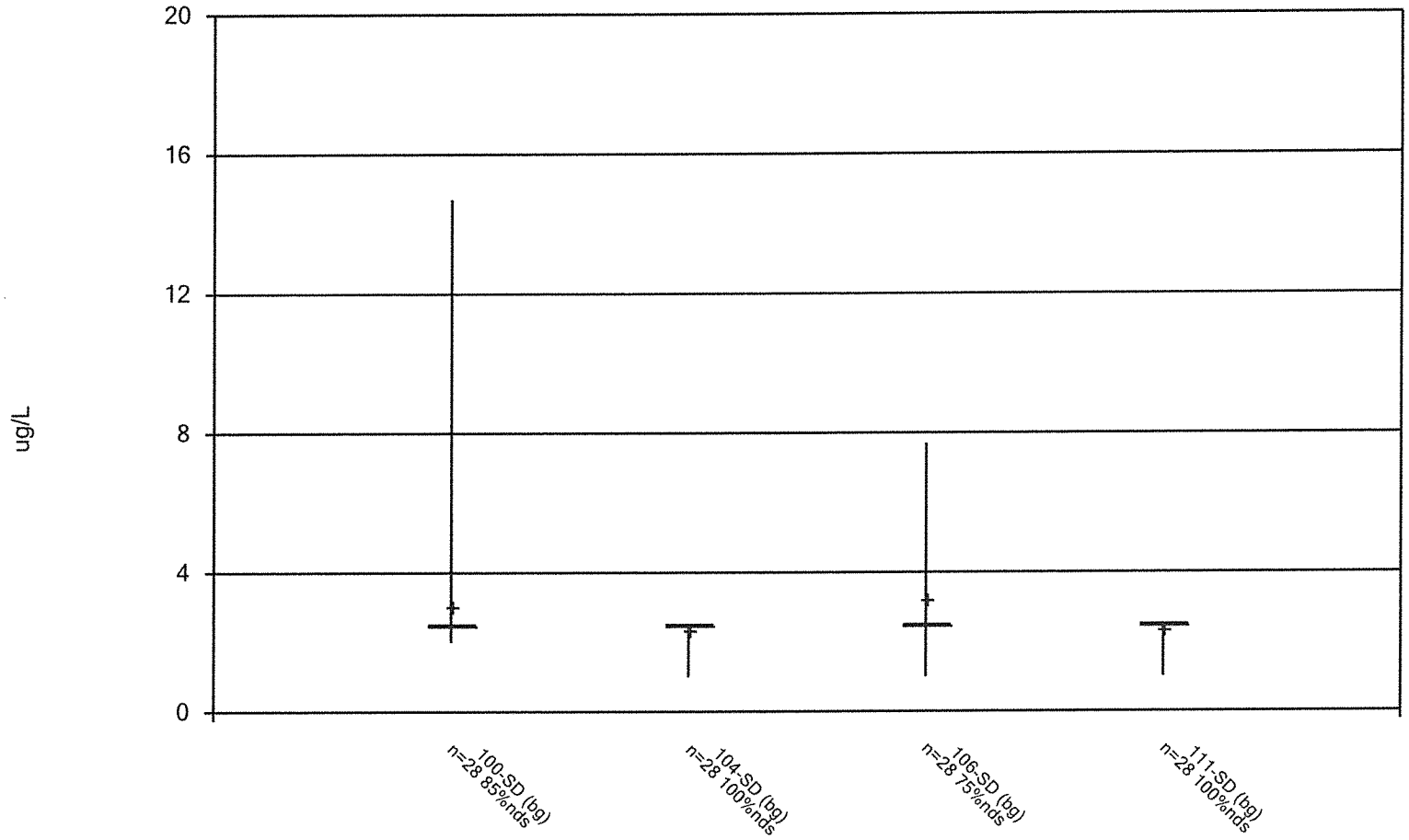


Constituent: Antimony Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

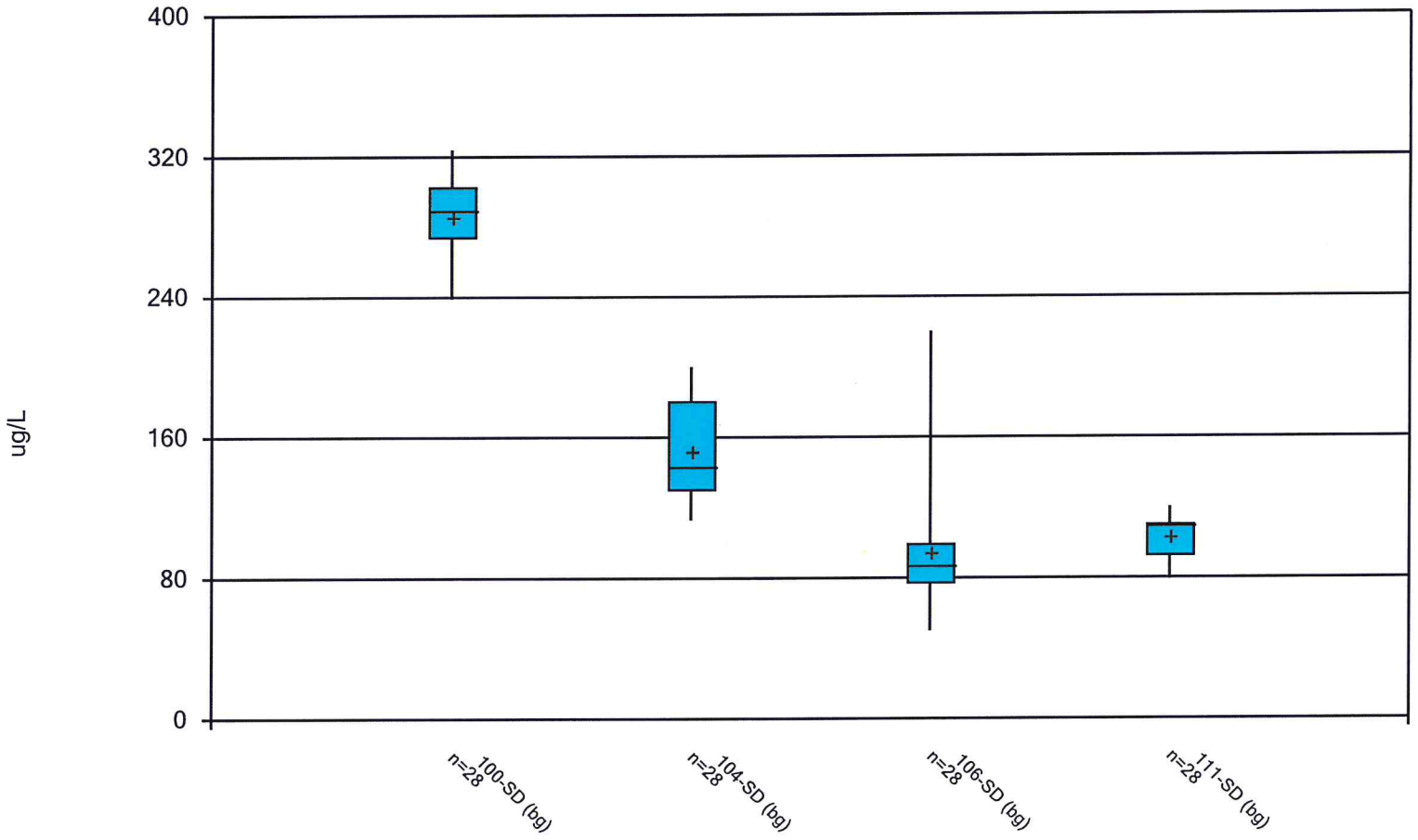


Constituent: Arsenic Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

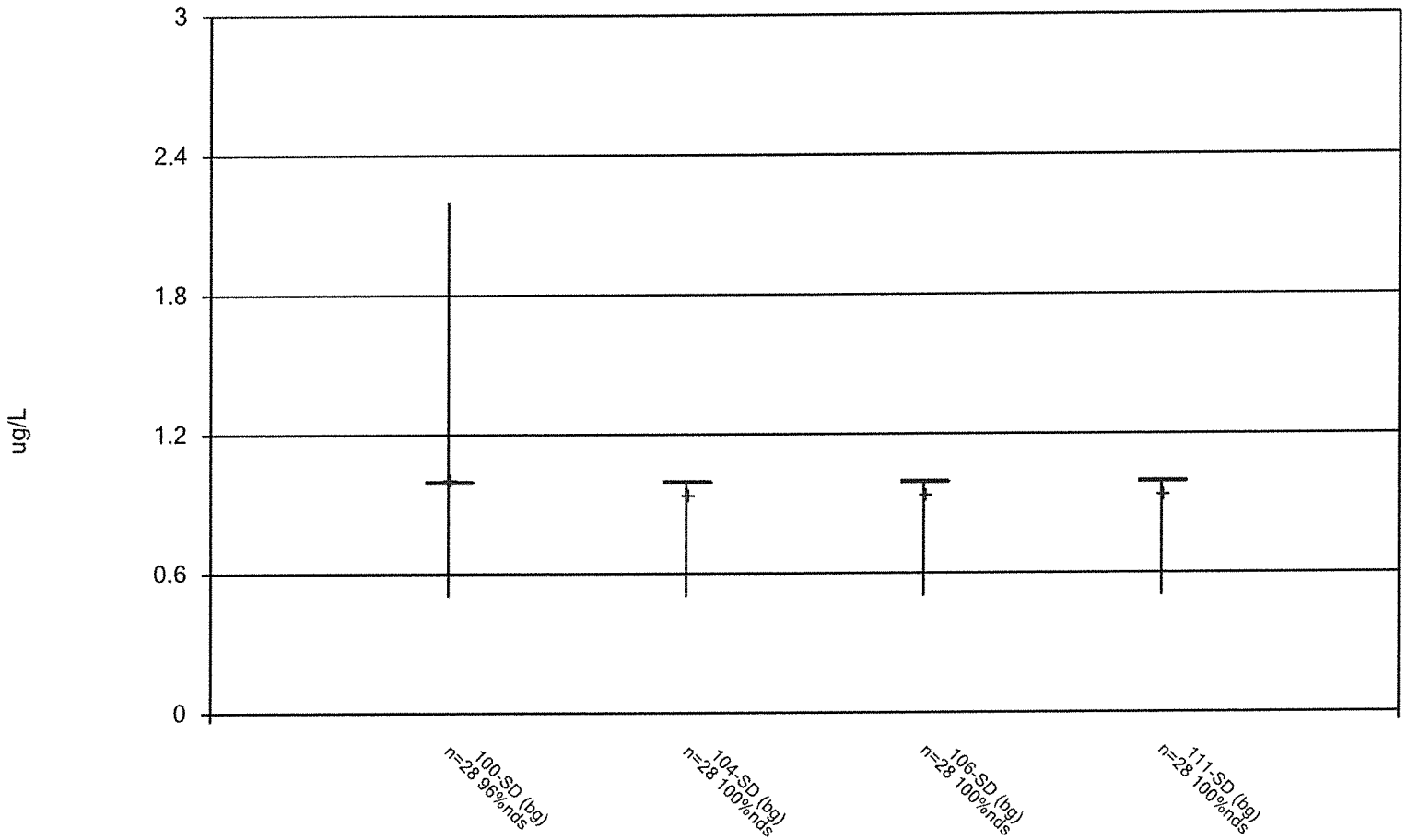


Constituent: Barium Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

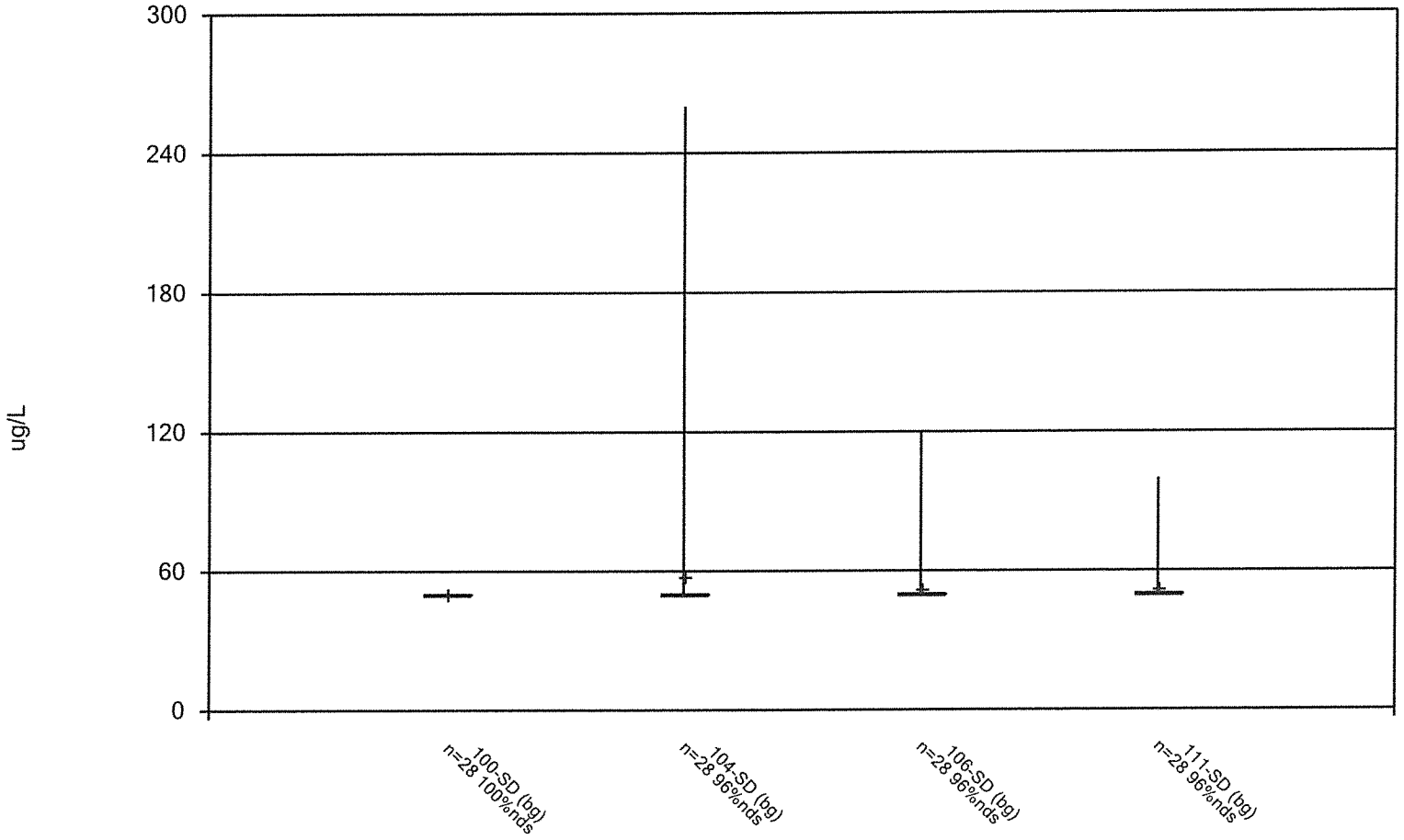


Constituent: Beryllium Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

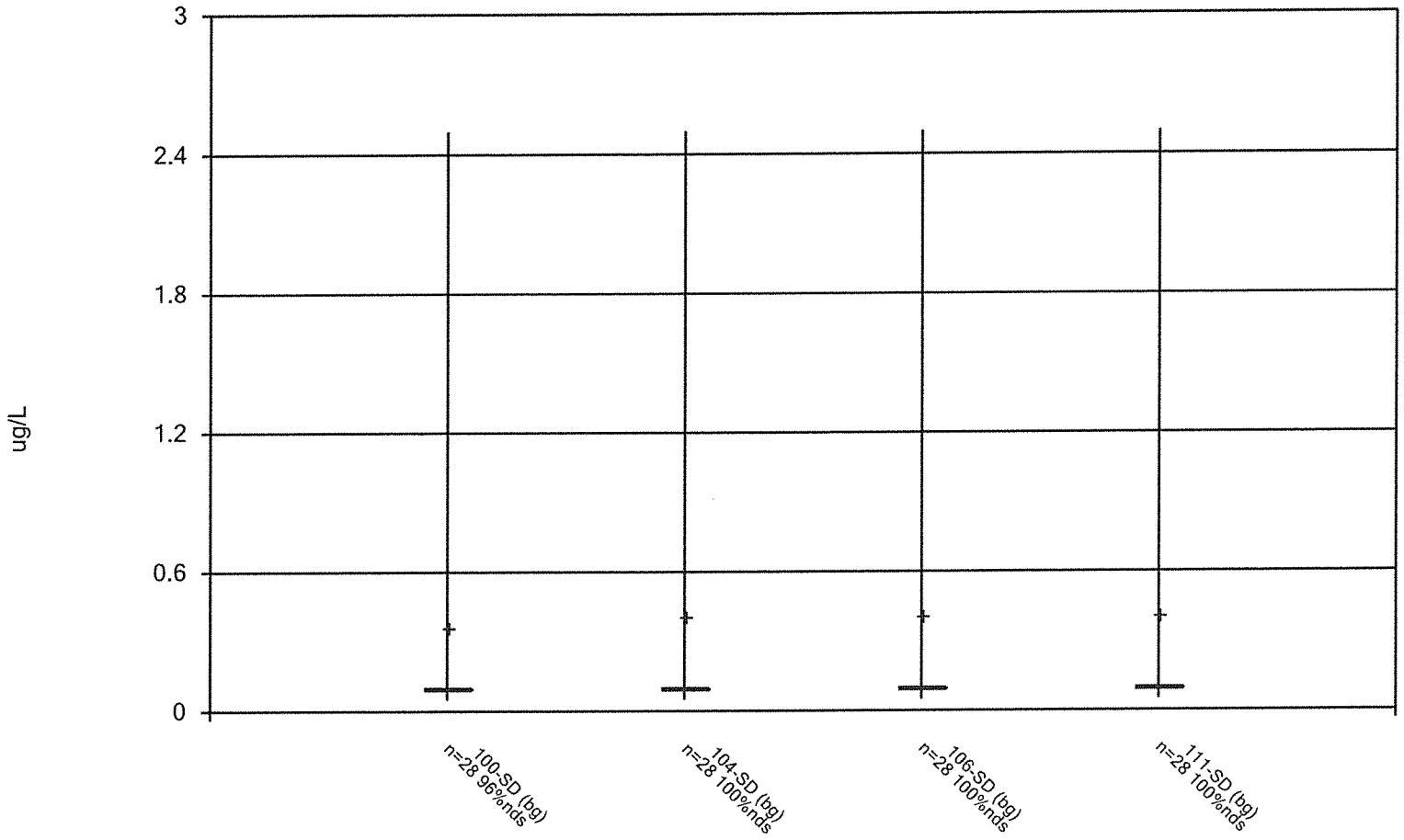


Constituent: Boron Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

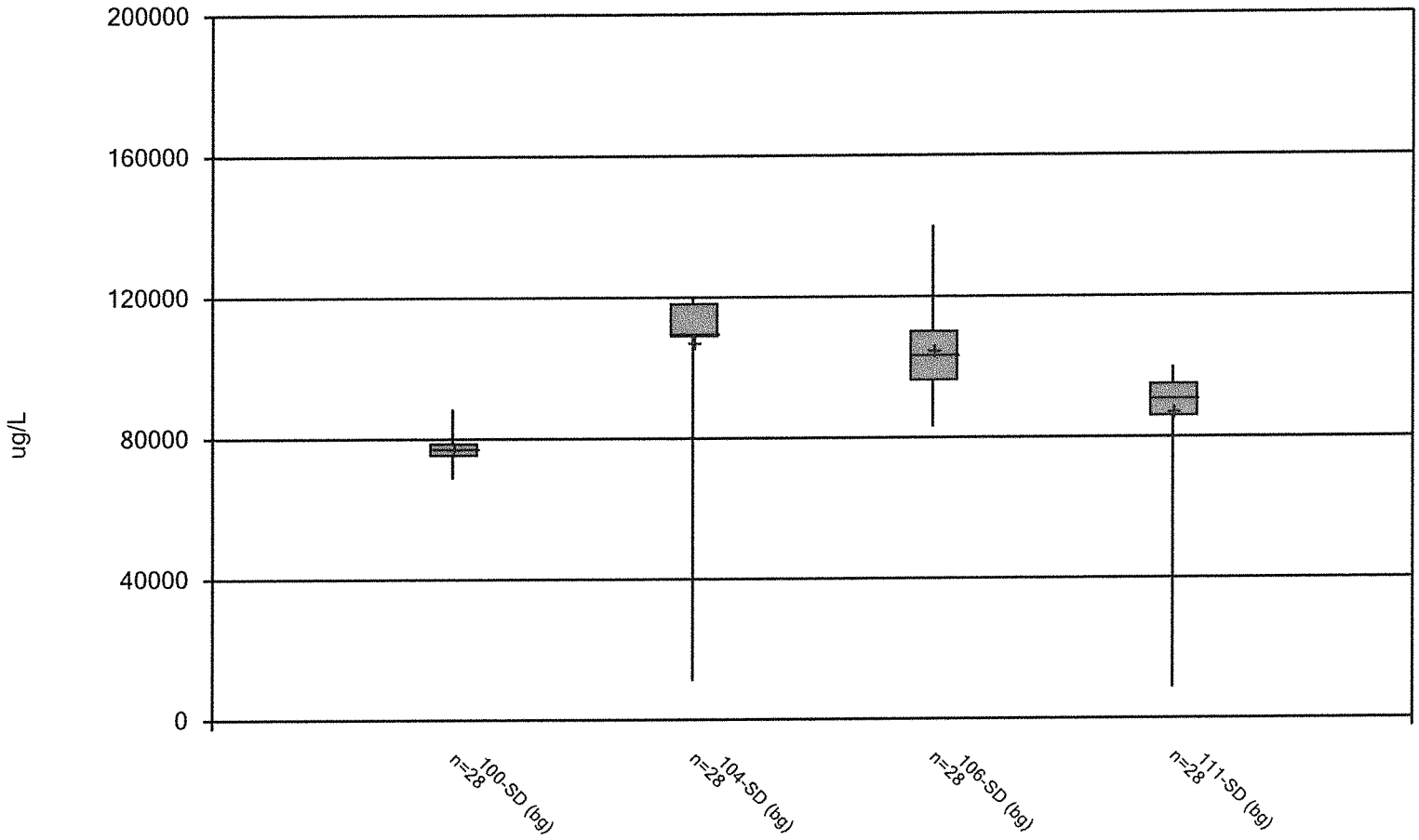


Constituent: Cadmium Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

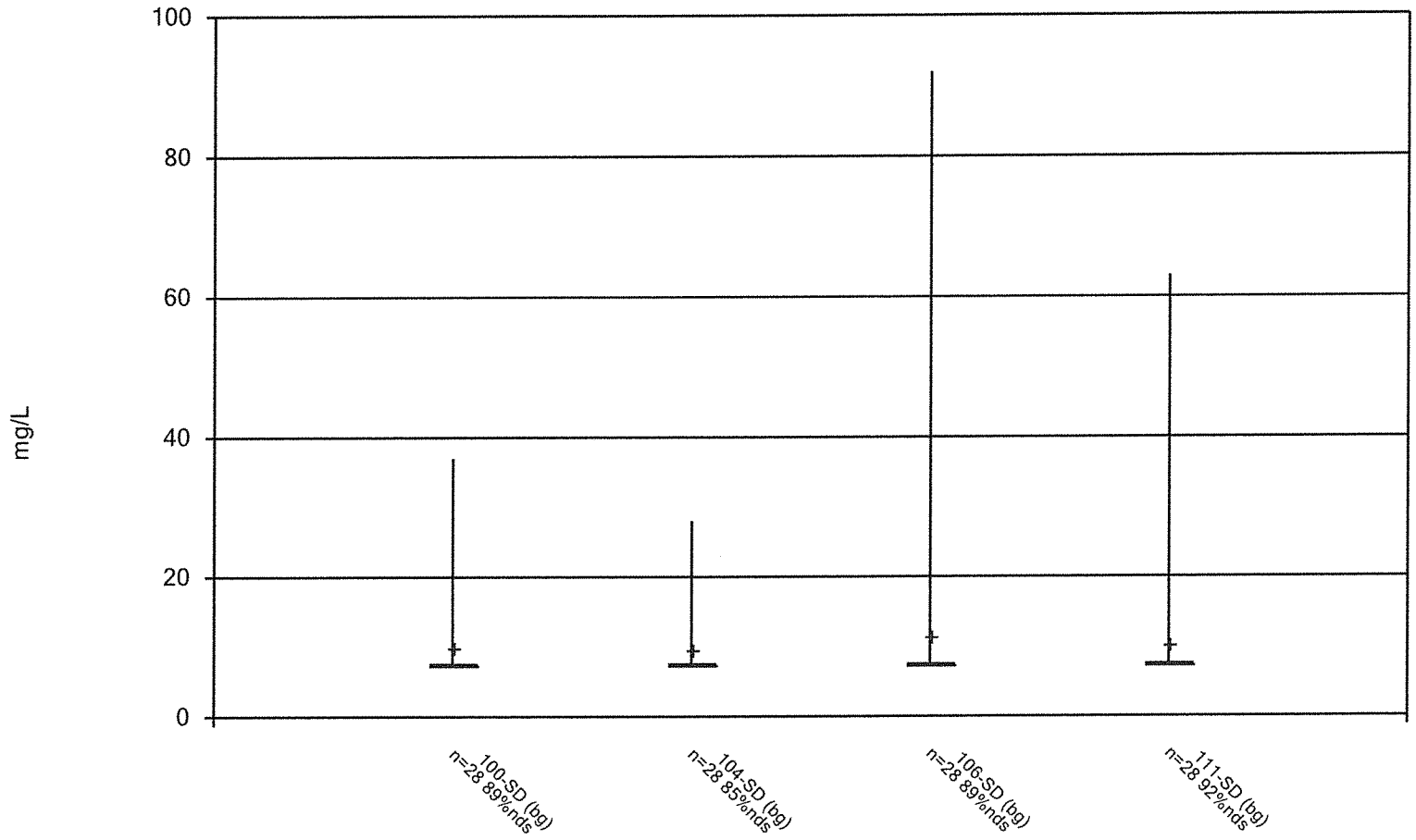


Constituent: Calcium Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

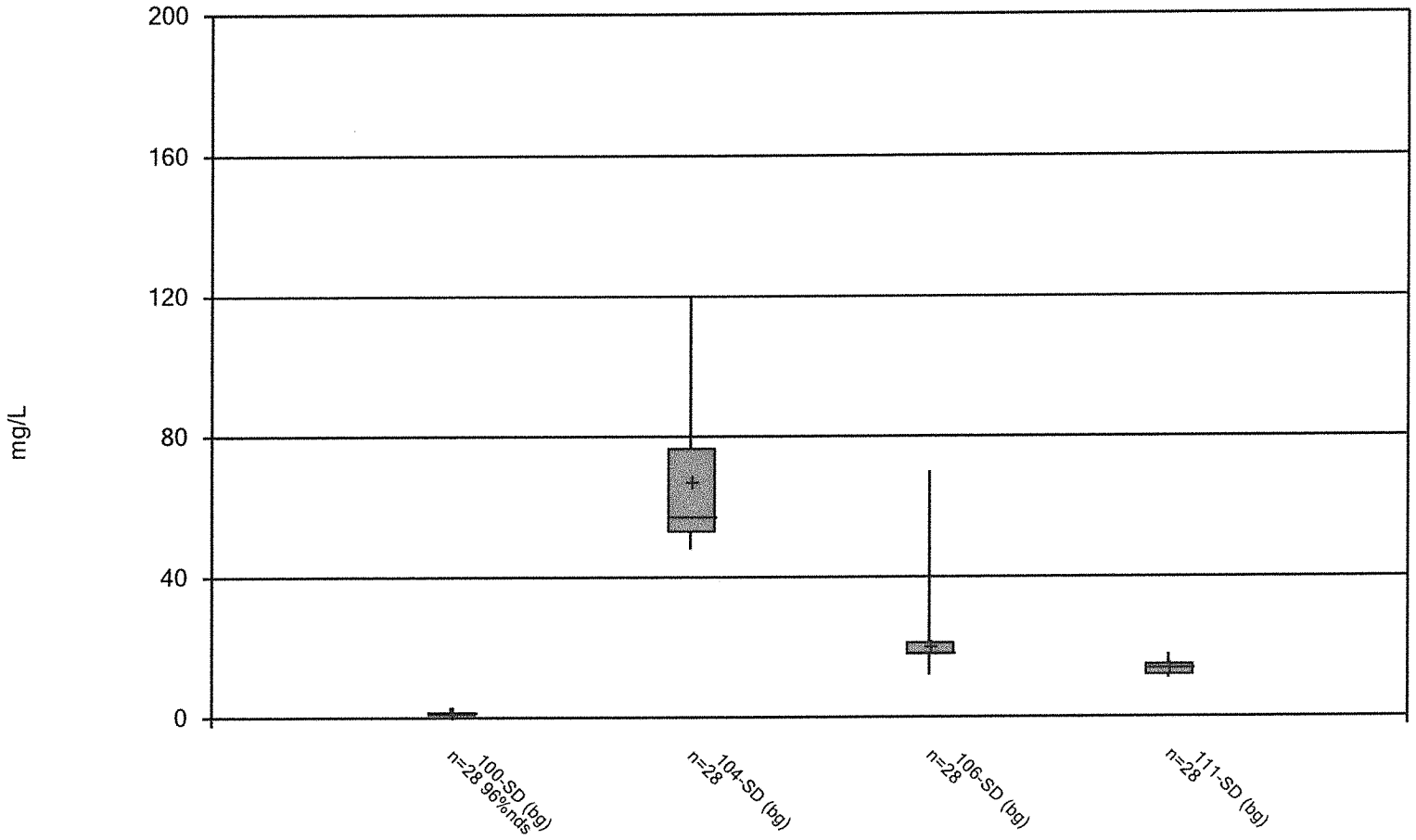


Constituent: Chemical Oxygen Demand [COD] Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

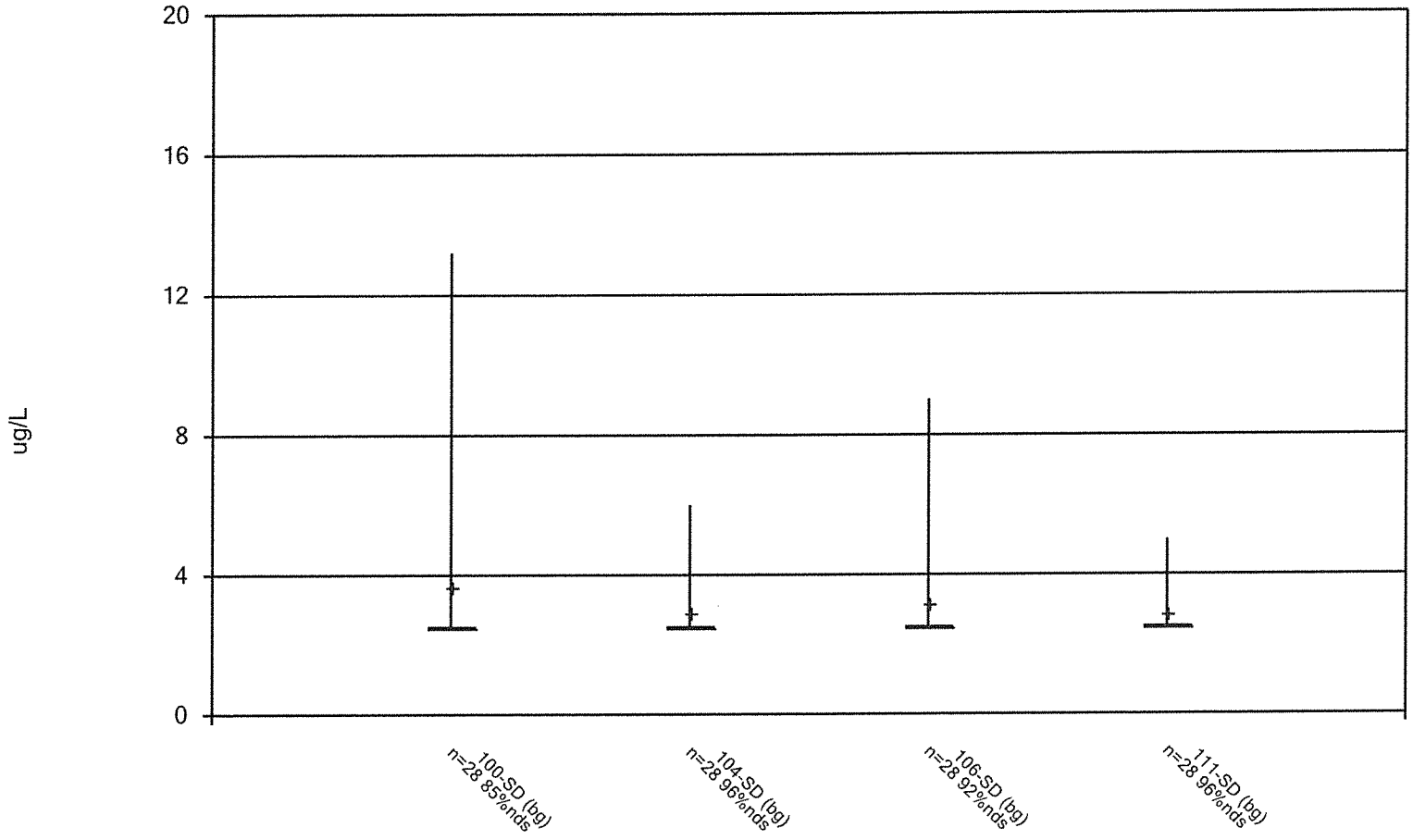


Constituent: Chloride Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

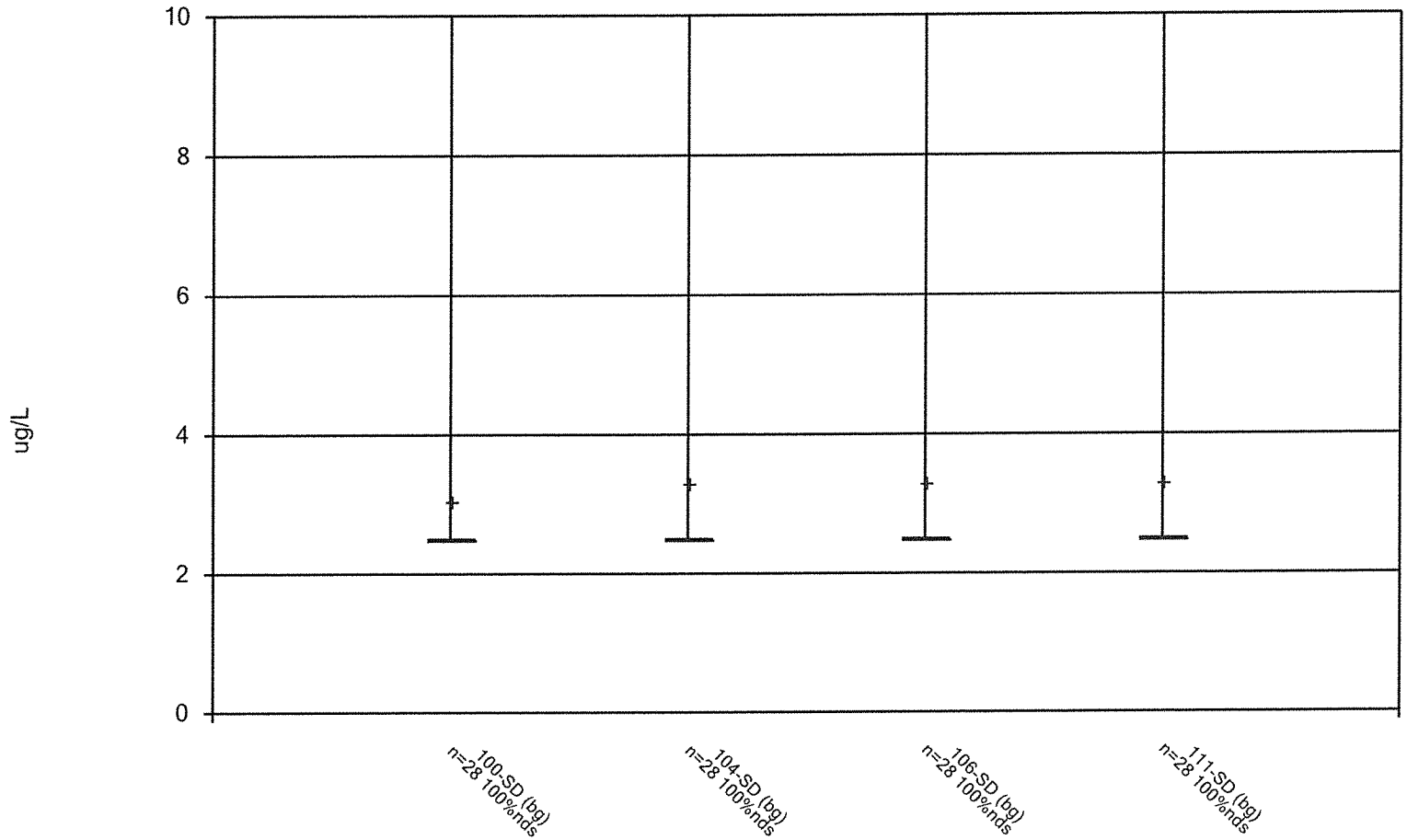


Constituent: Chromium Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

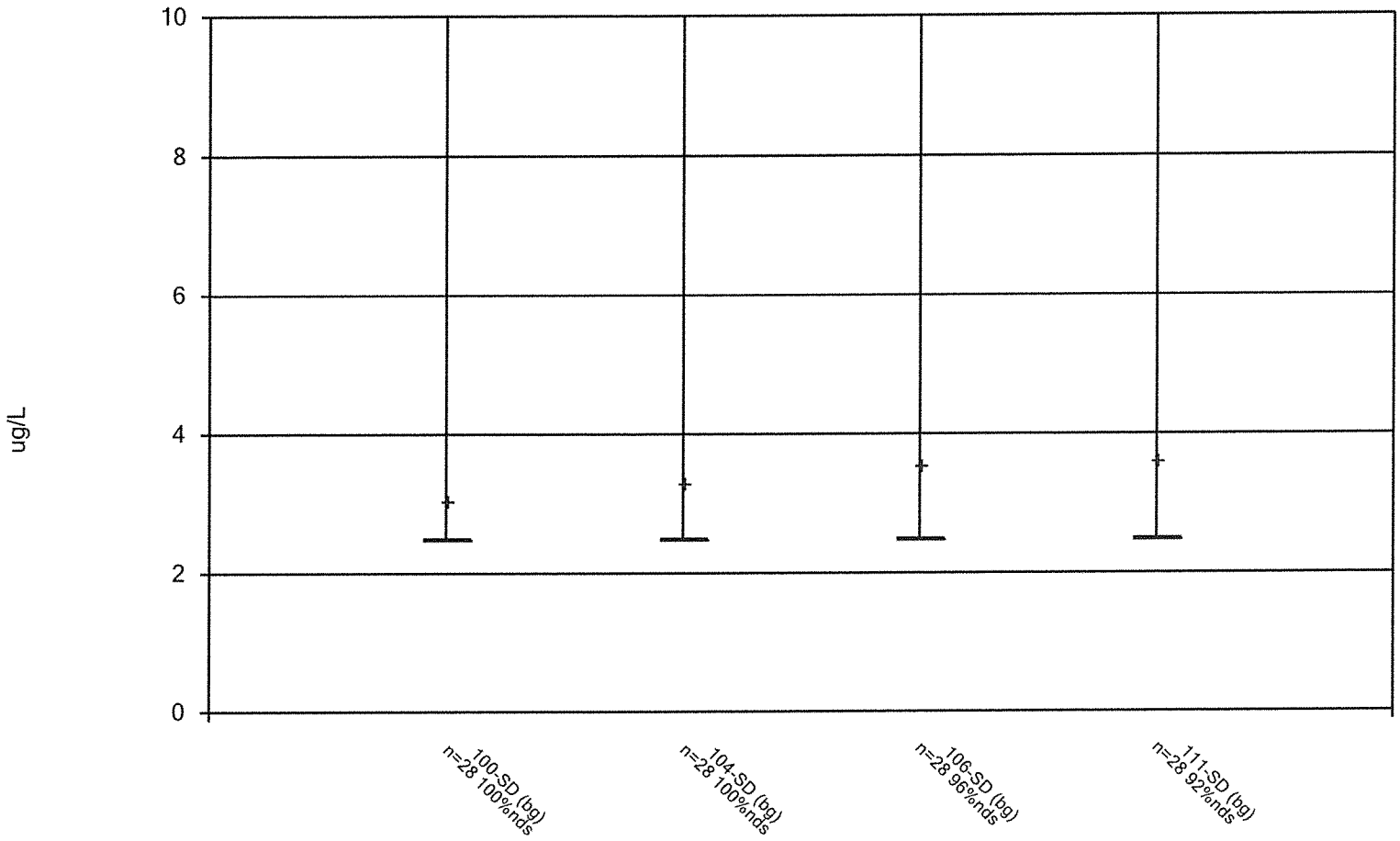


Constituent: Cobalt Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

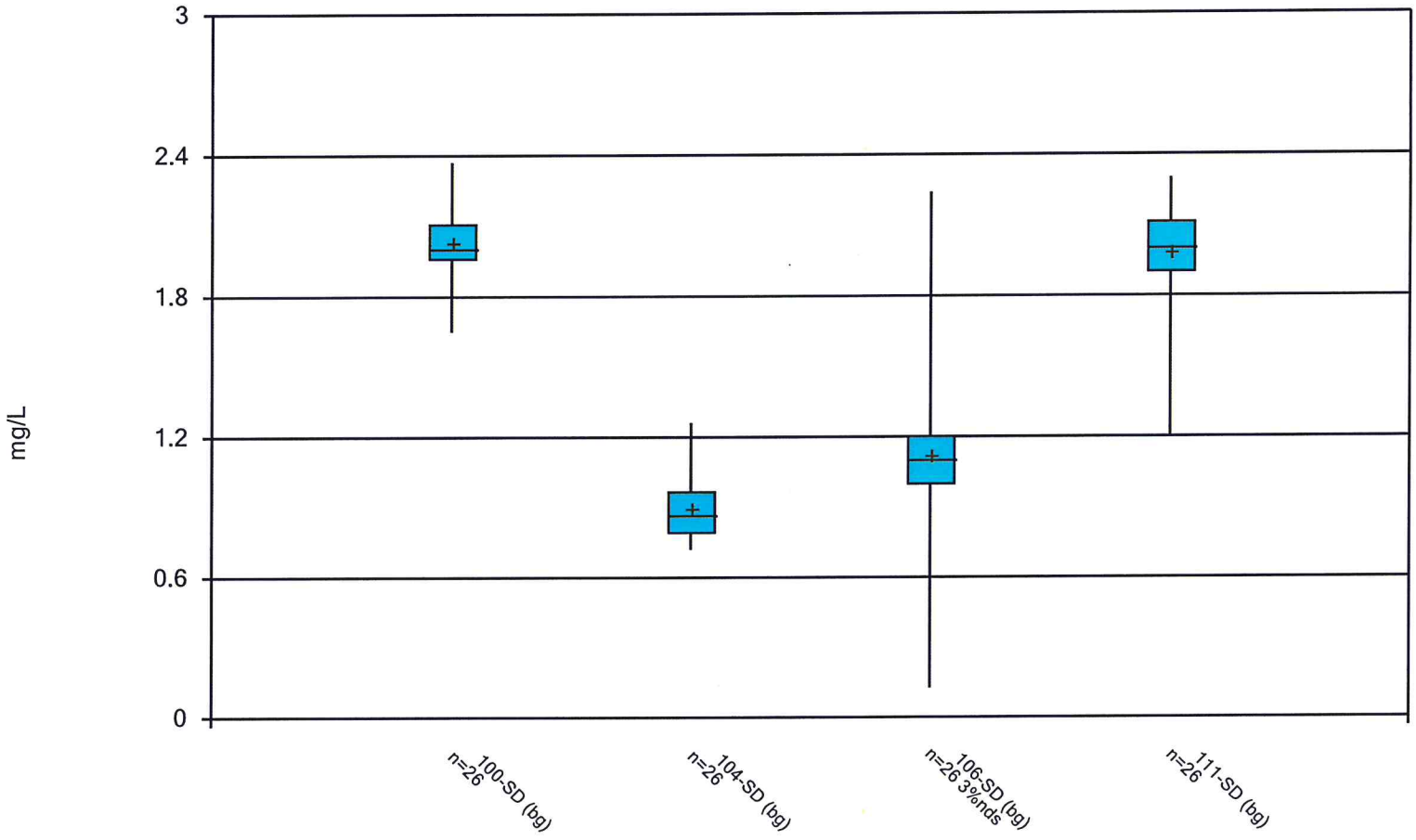


Constituent: Copper Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

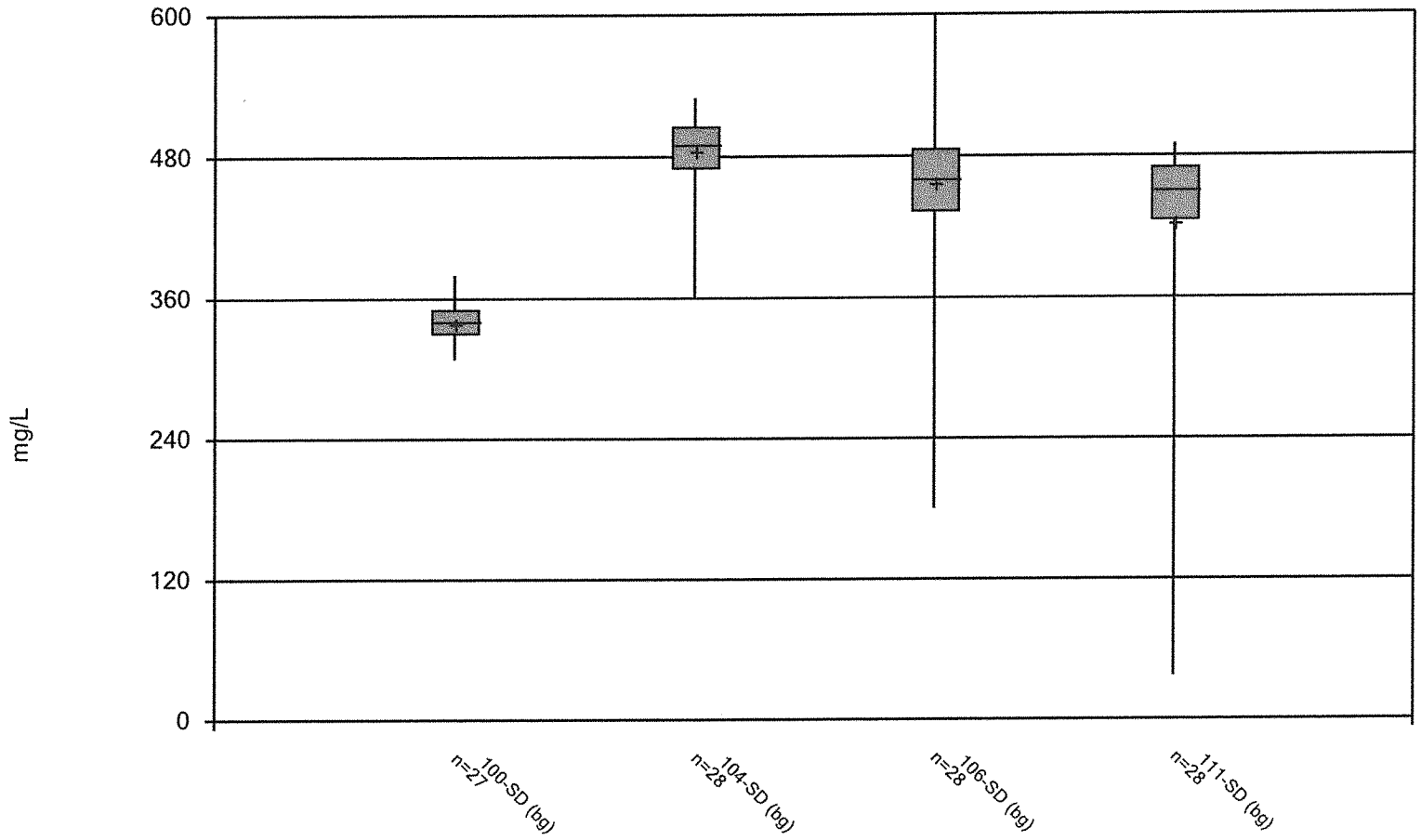


Constituent: Fluoride Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

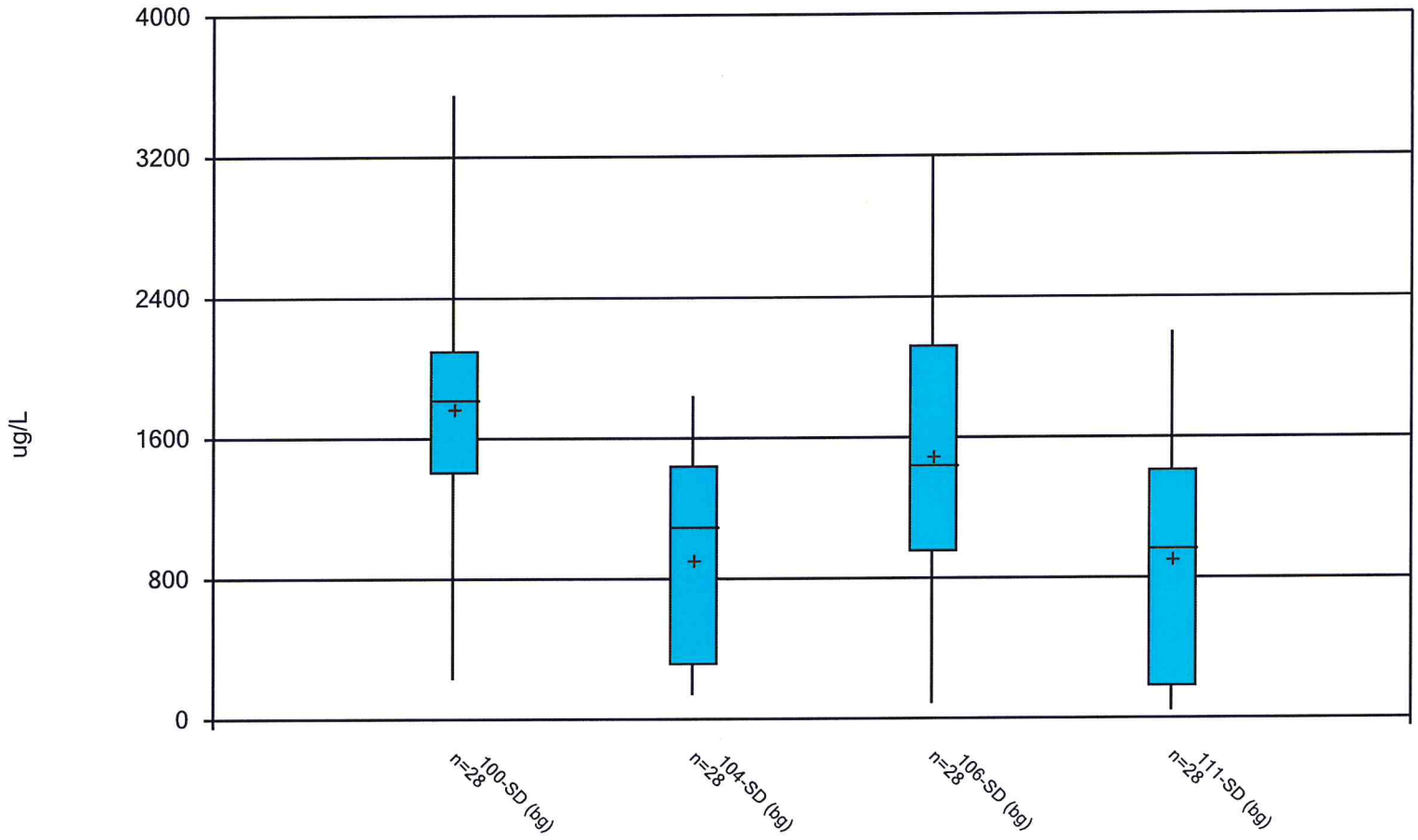


Constituent: Hardness Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

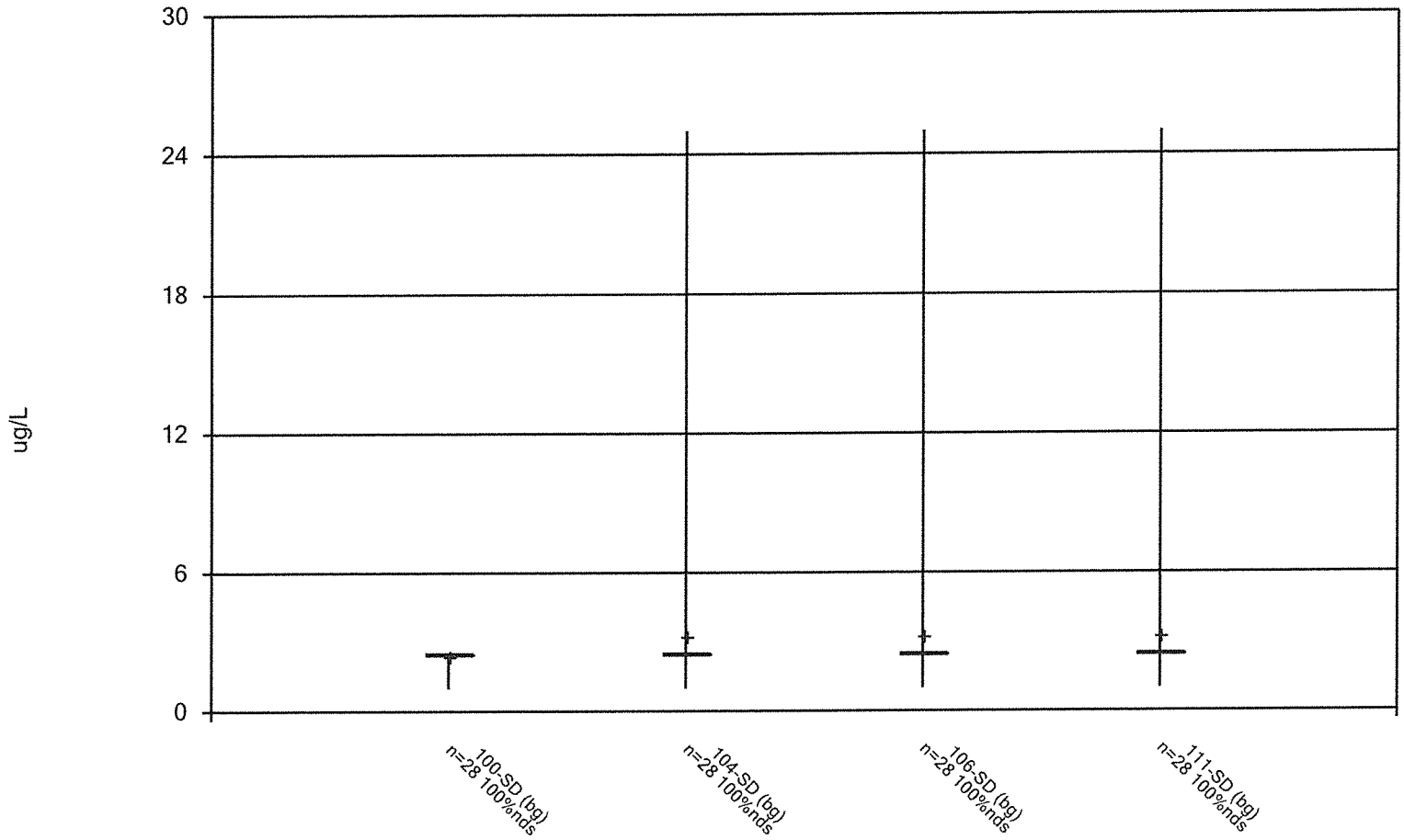


Constituent: Iron Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

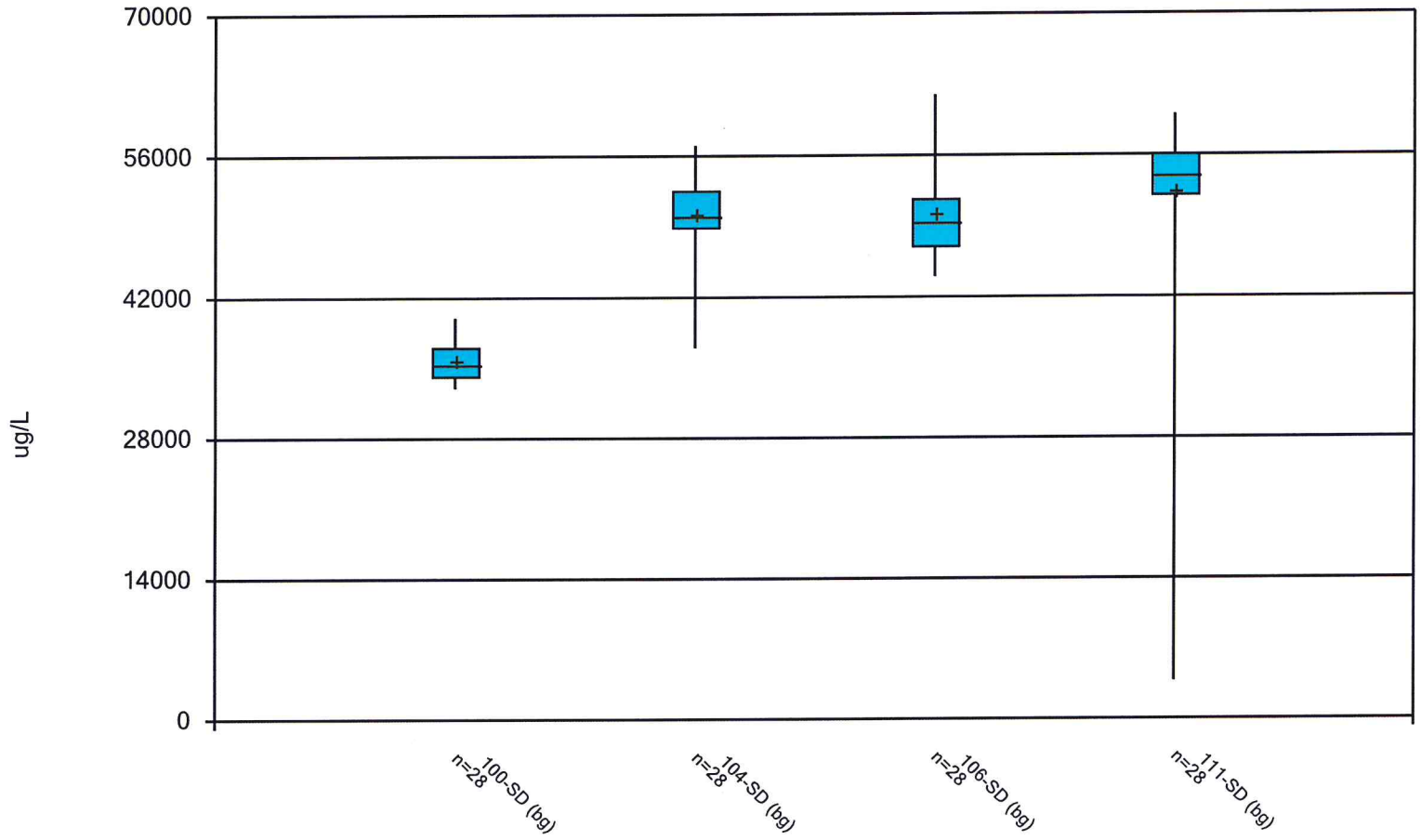


Constituent: Lead Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

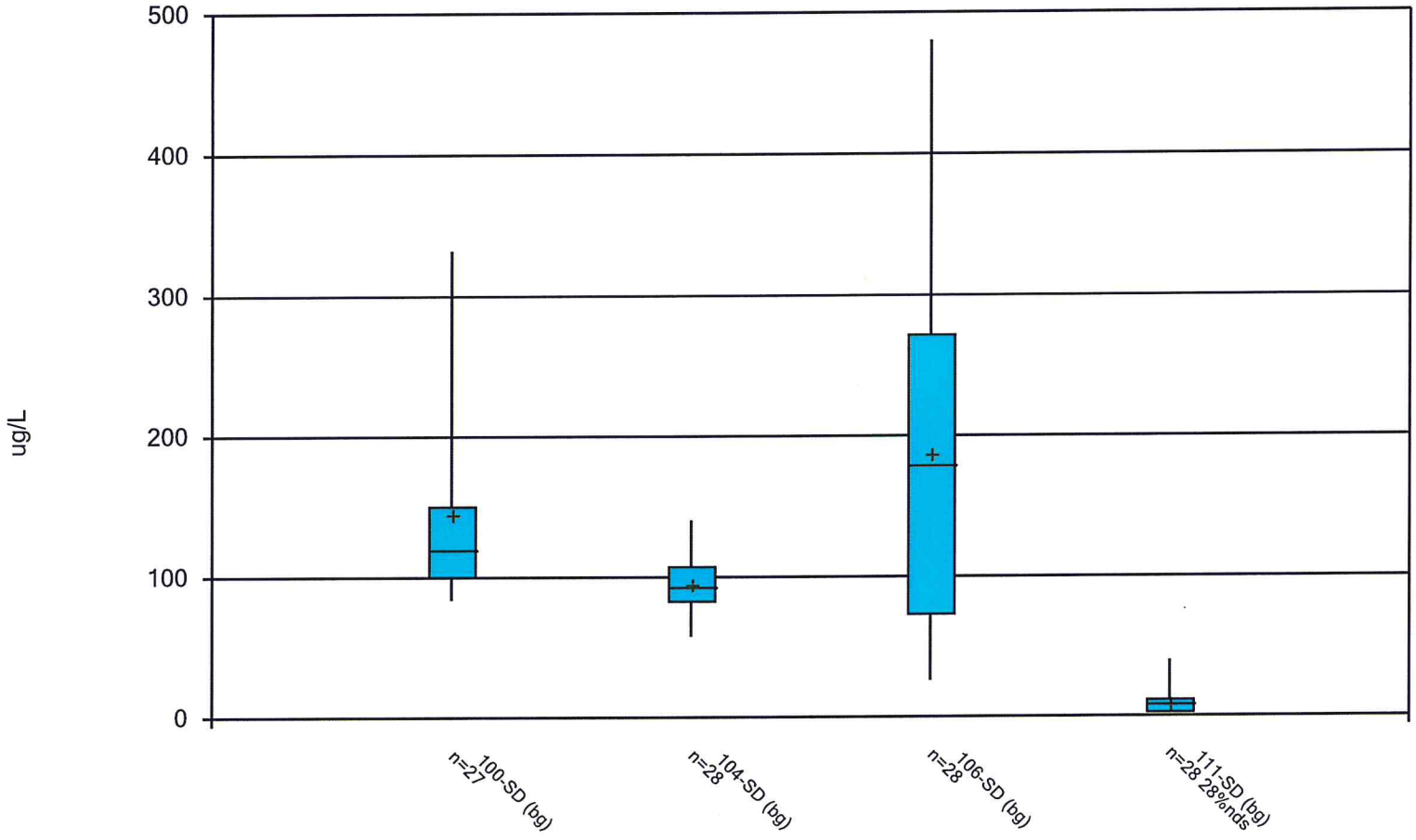


Constituent: Magnesium Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

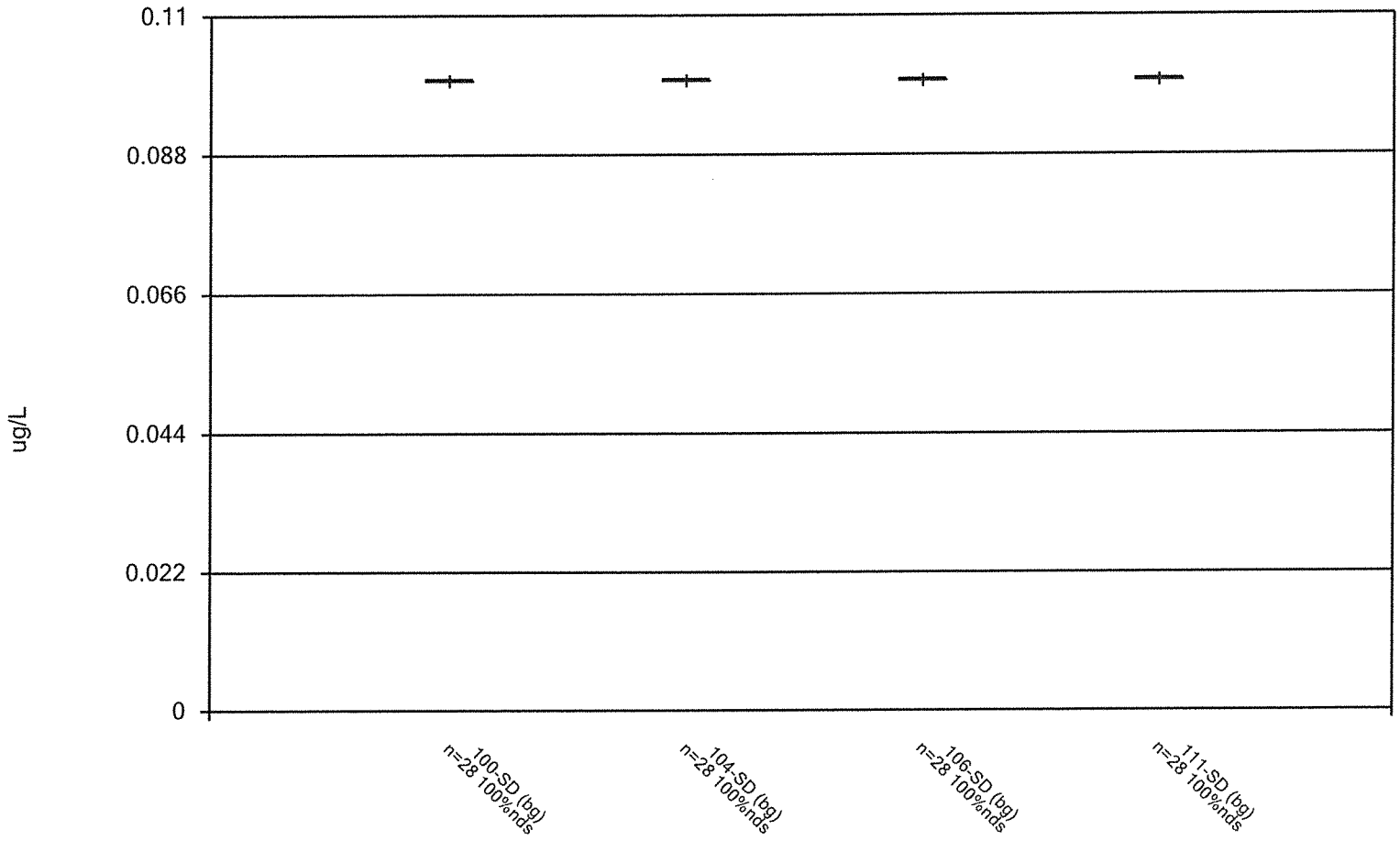


Constituent: Manganese Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

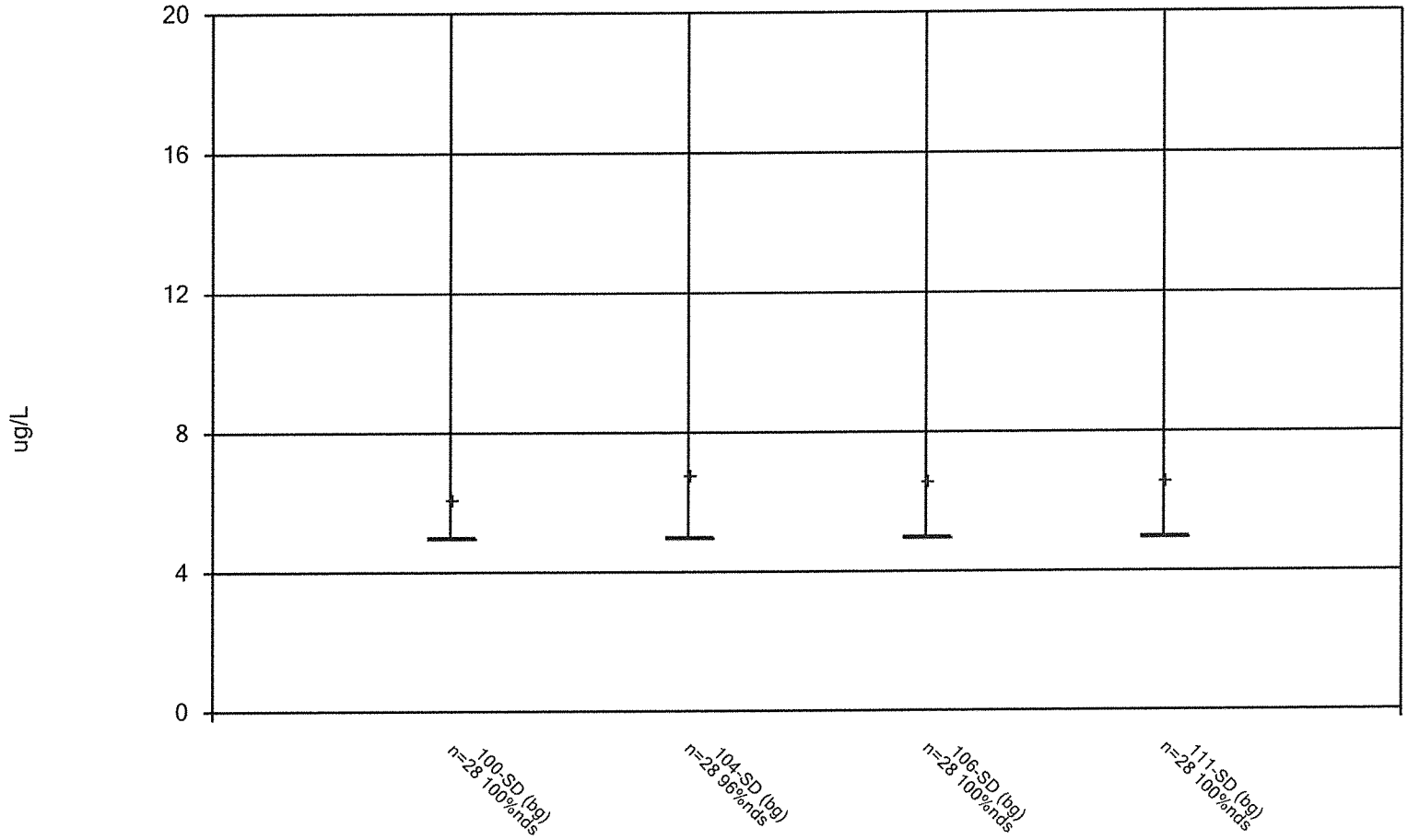


Constituent: Mercury Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

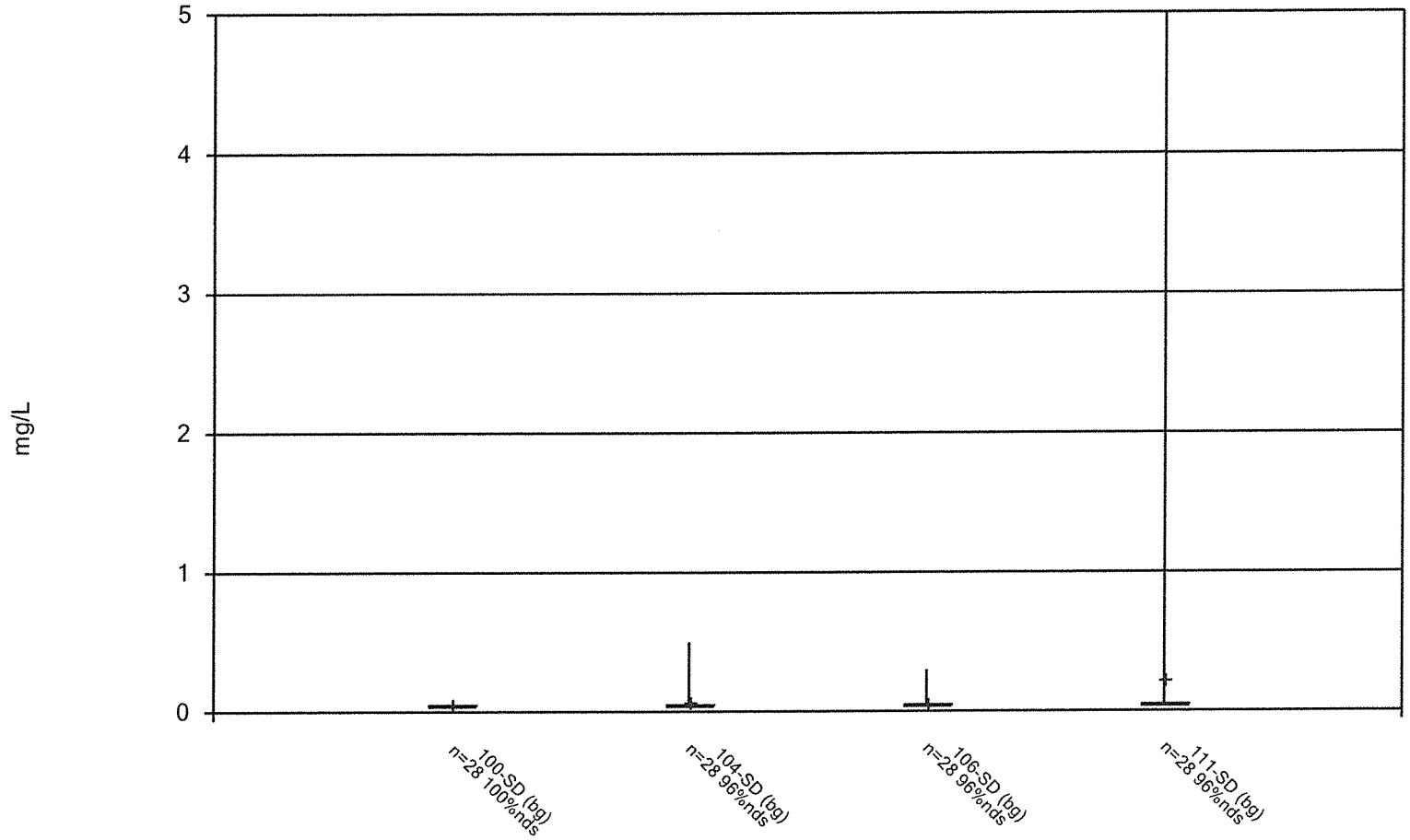


Constituent: Nickel Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

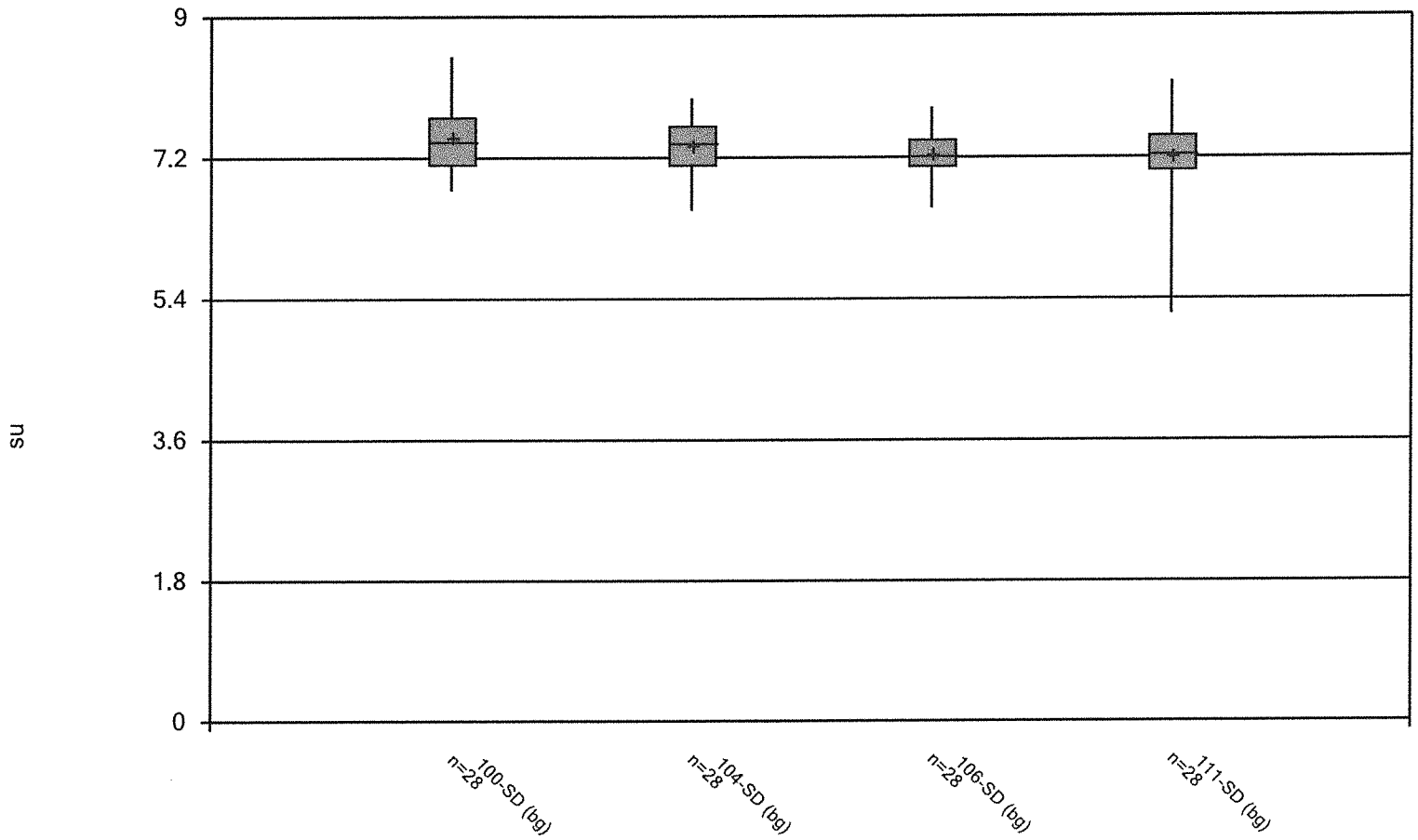


Constituent: Nitrate/Nitrite Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

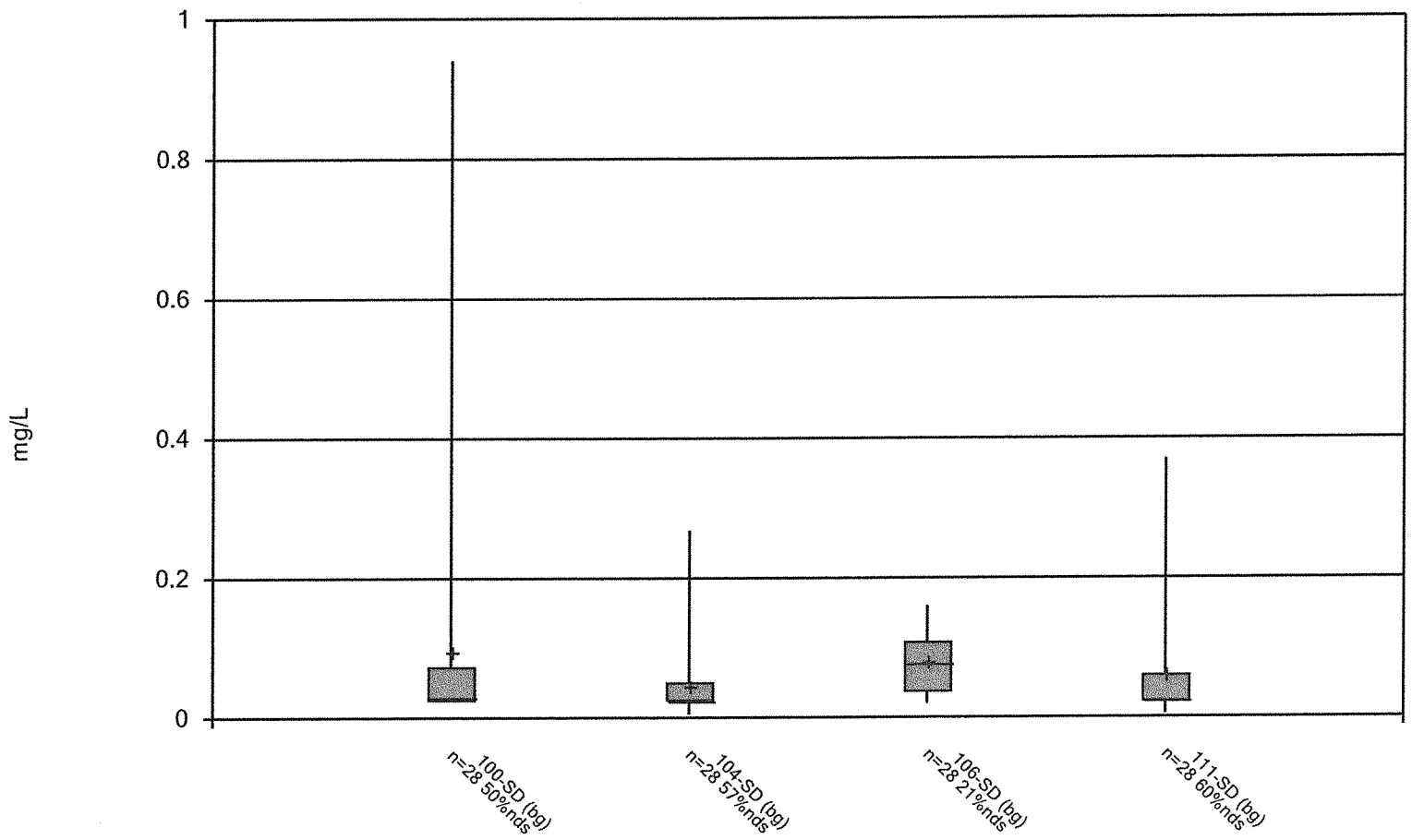


Constituent: pH [Field] Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

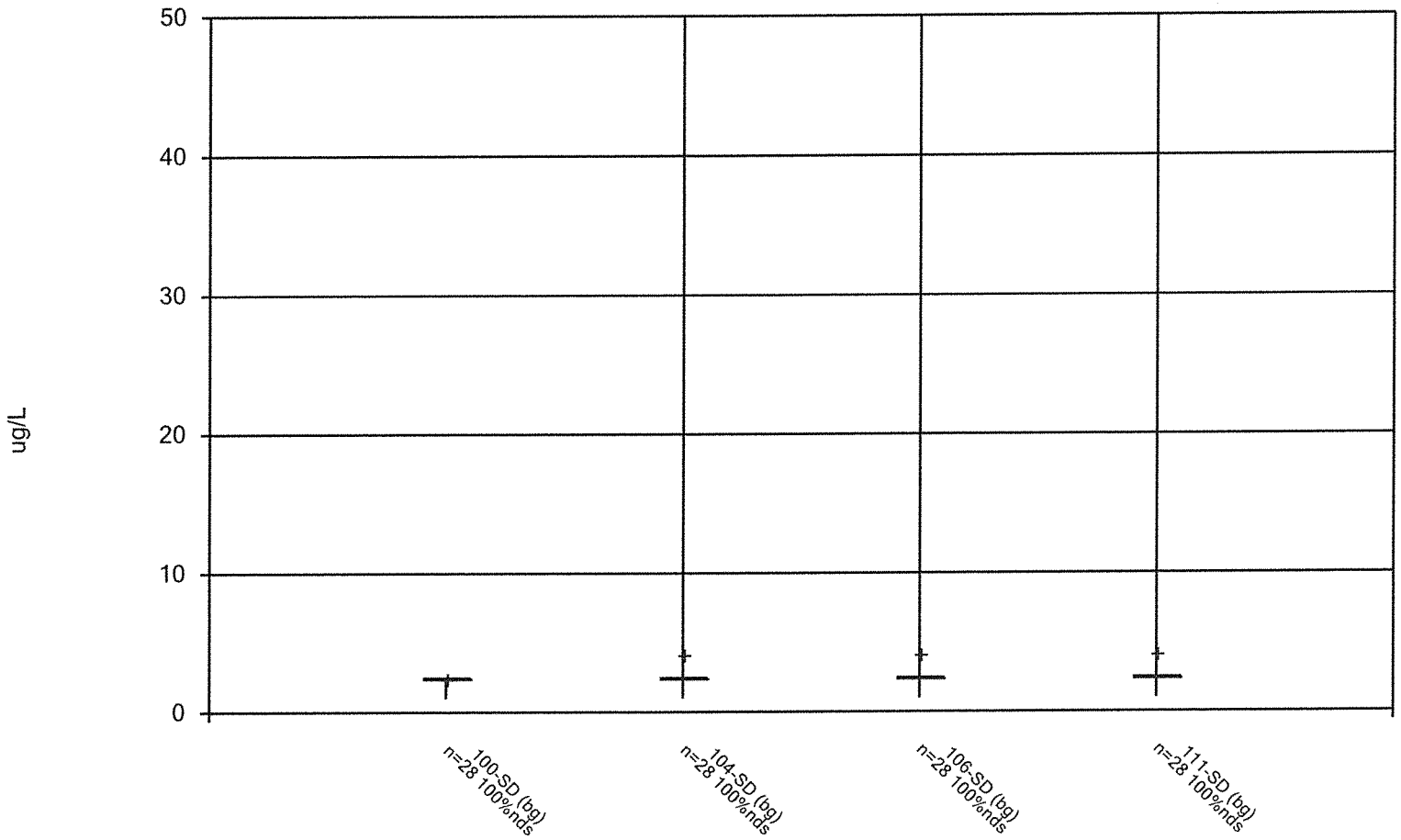


Constituent: Phosphorus Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

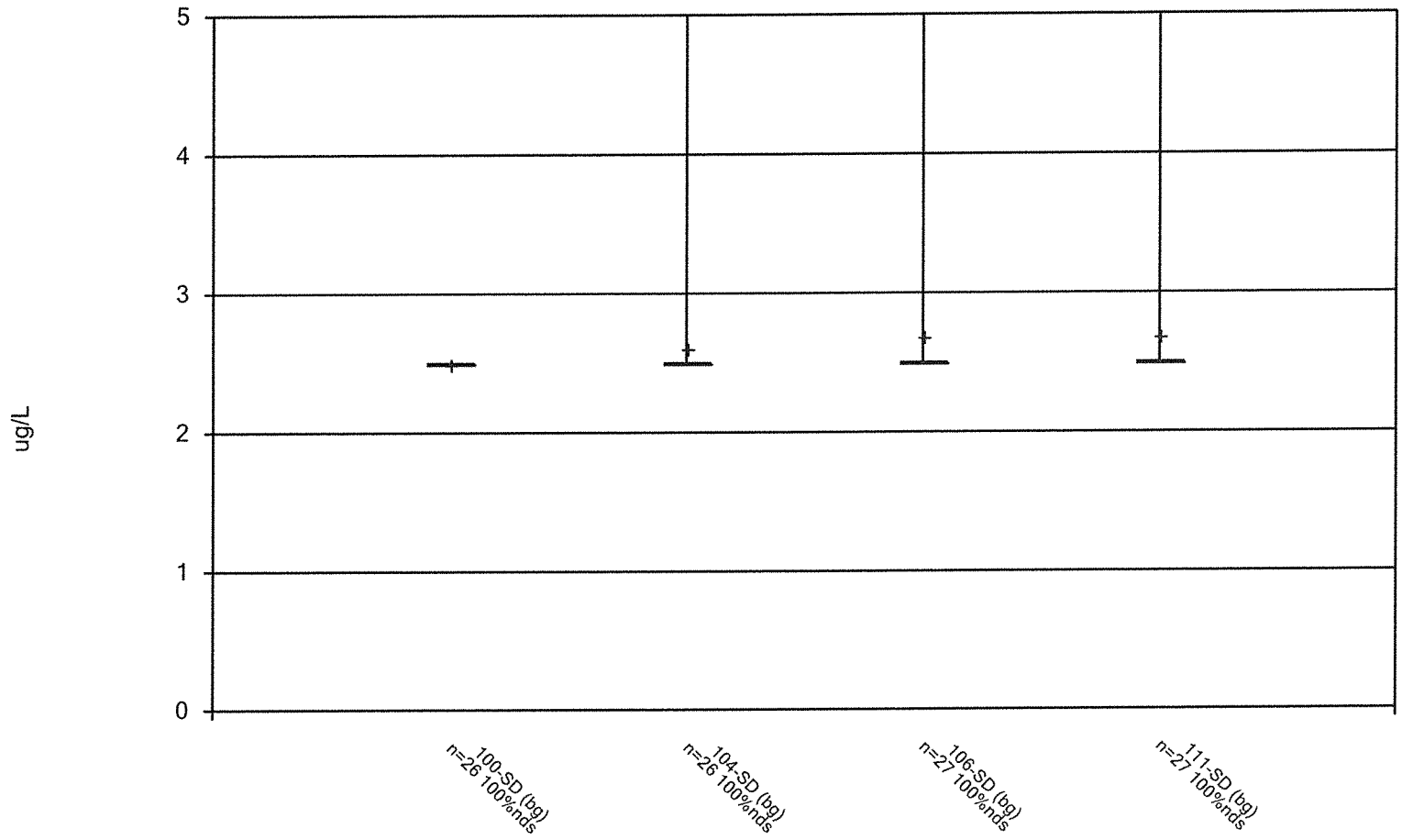


Constituent: Selenium Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

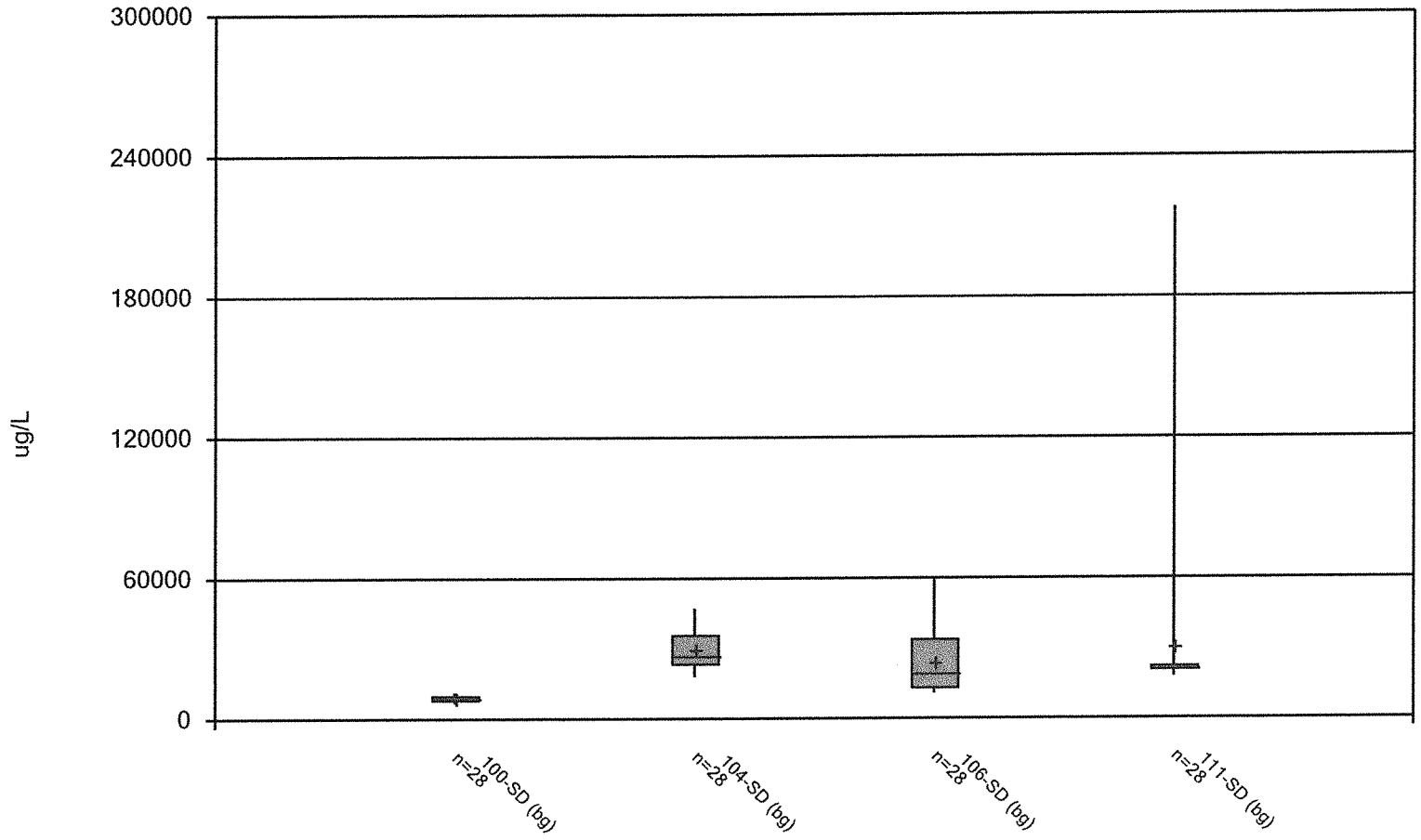


Constituent: Silver Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

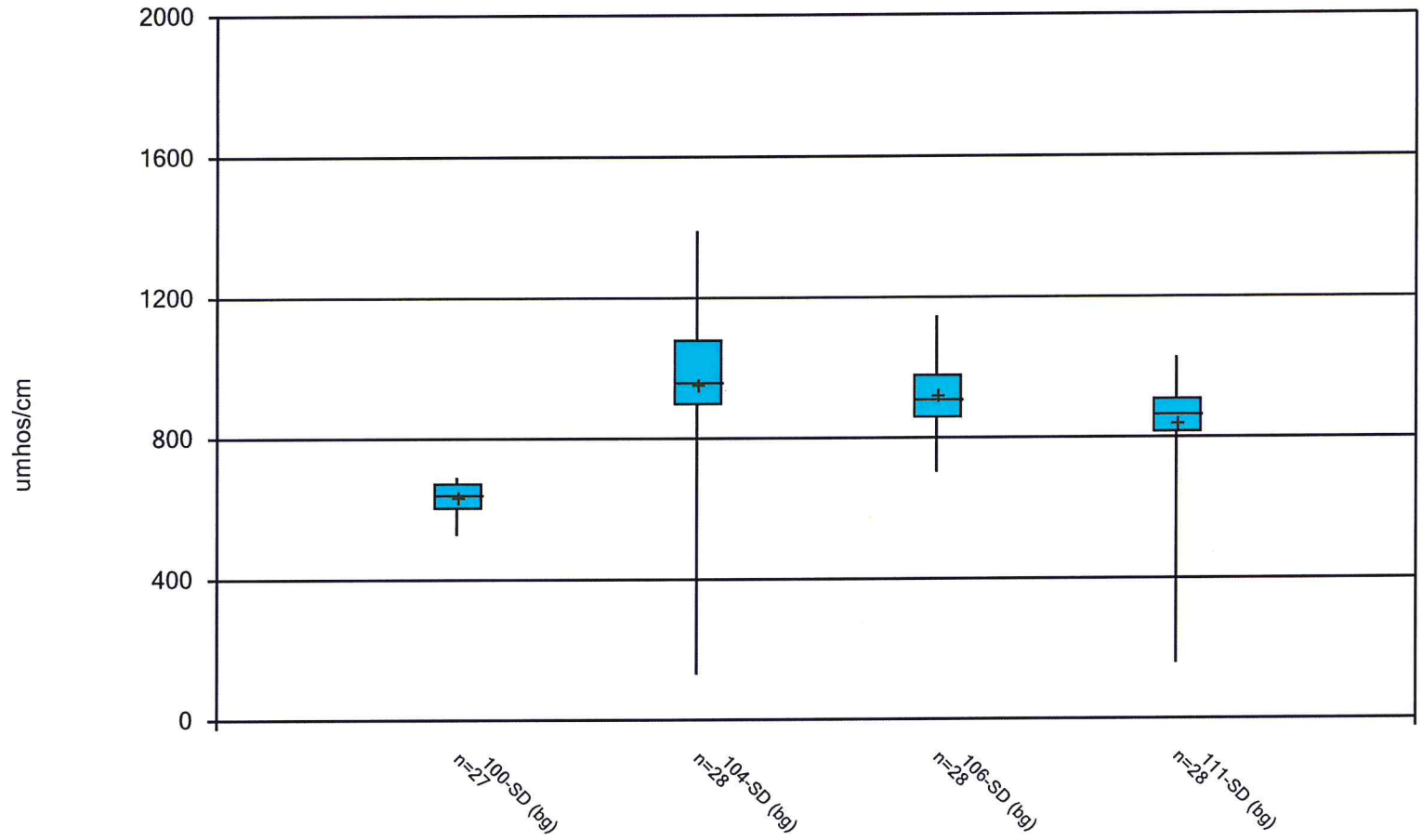


Constituent: Sodium Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

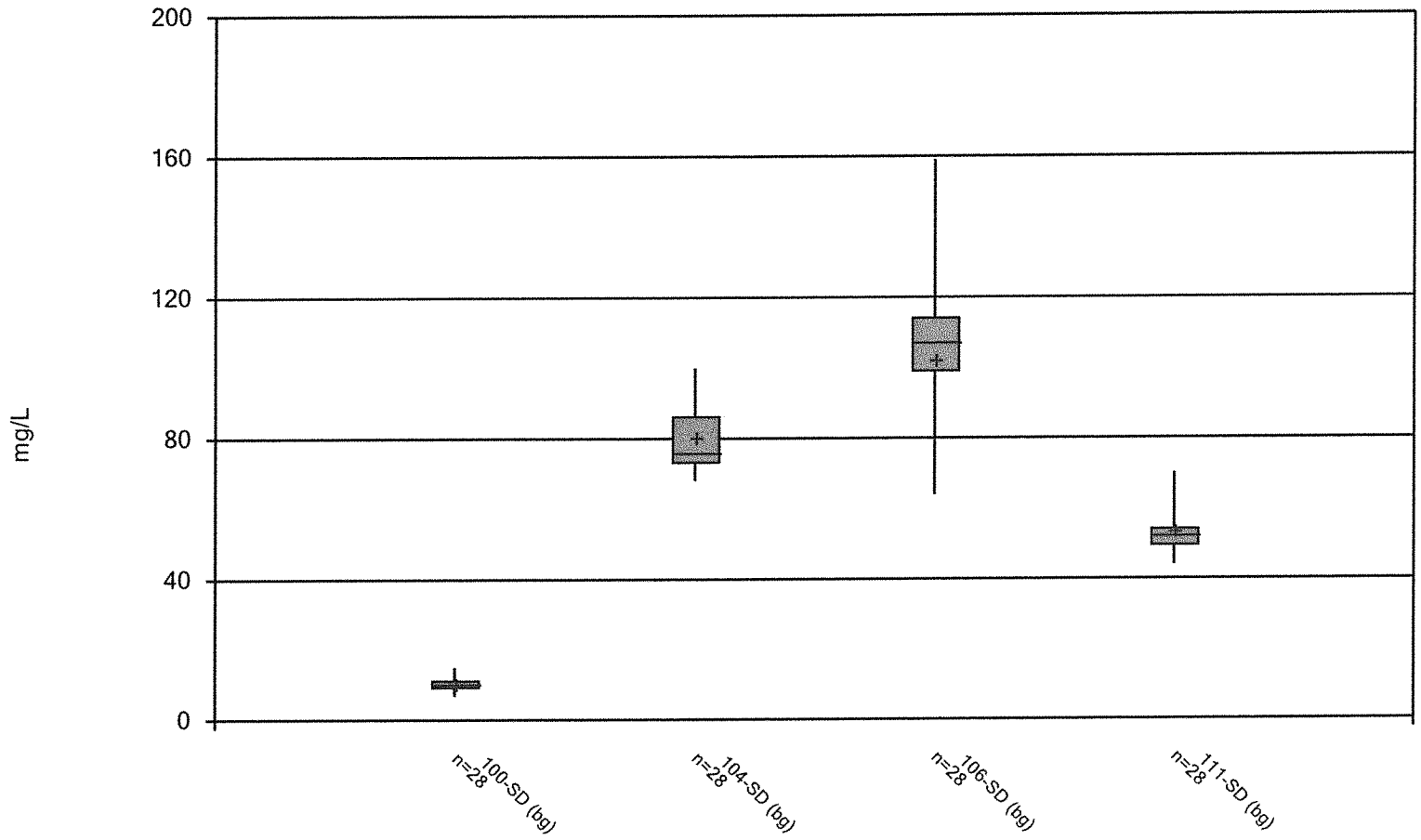


Constituent: Specific Conductance [Field] Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

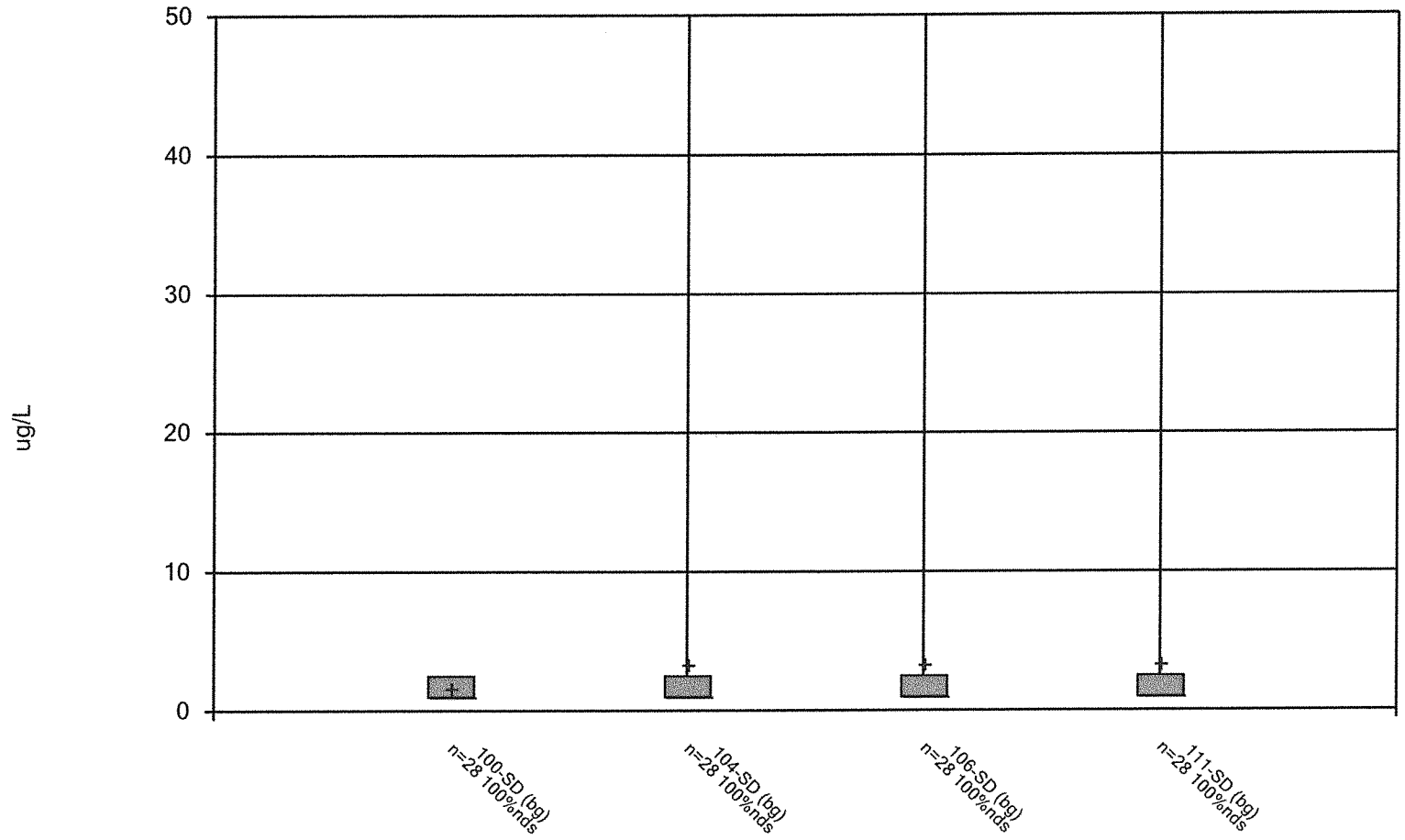


Constituent: Sulfate as SO4 Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

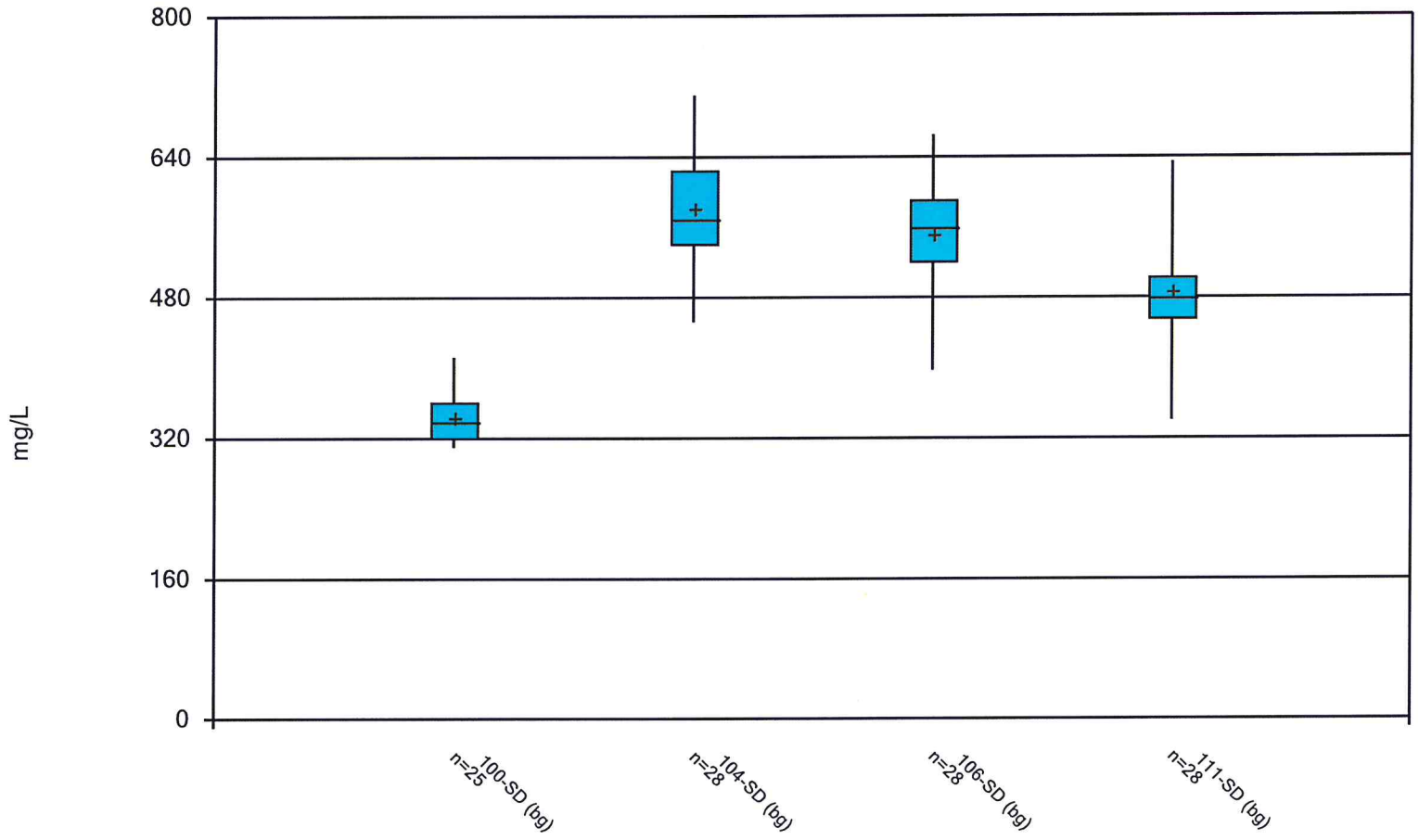


Constituent: Thallium Total Analysis Run 9/7/2010 1:59 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

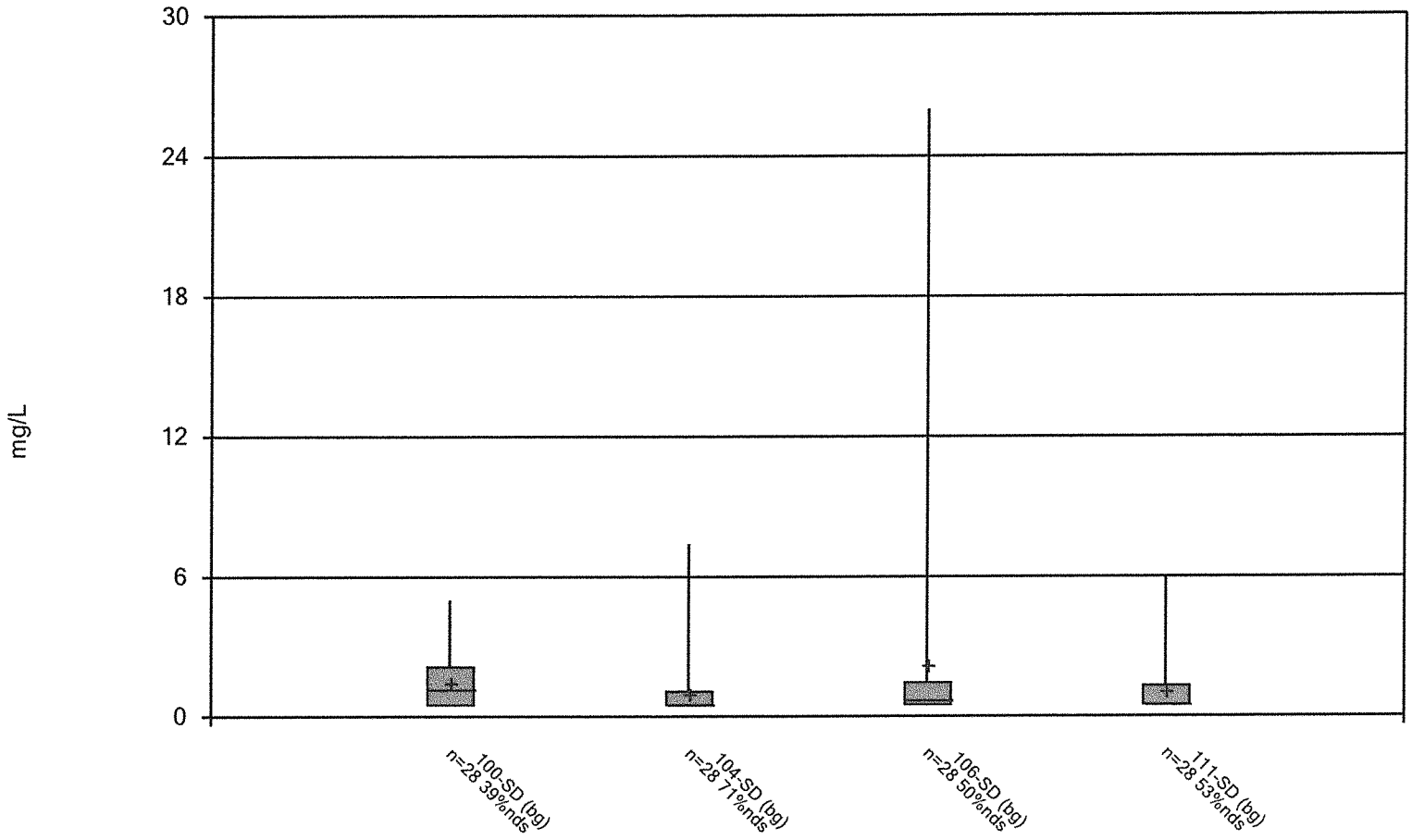


Constituent: Total Dissolved Solids [TDS] Analysis Run 9/7/2010 2:00 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

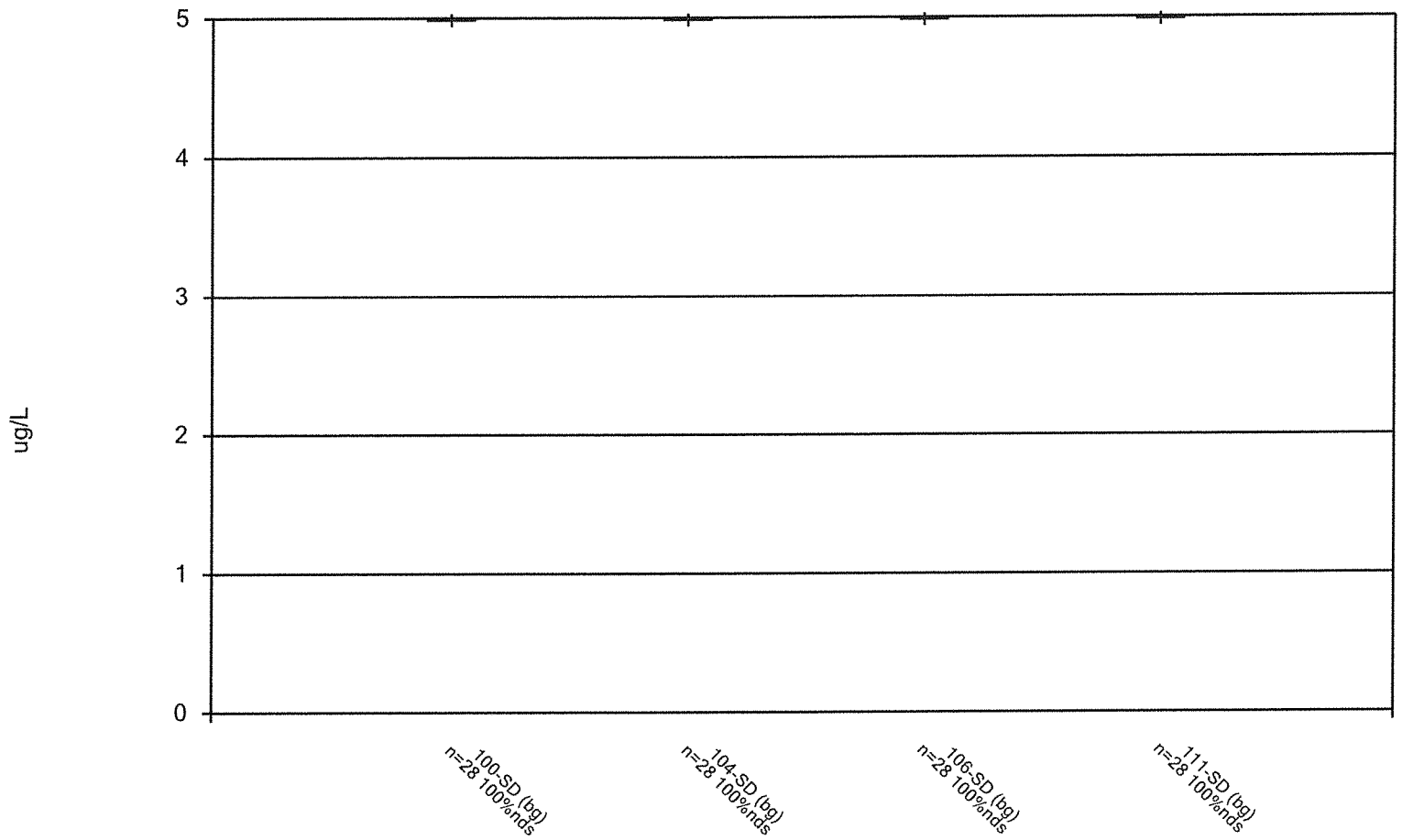


Constituent: Total Organic Carbon [TOC] Analysis Run 9/7/2010 2:00 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot

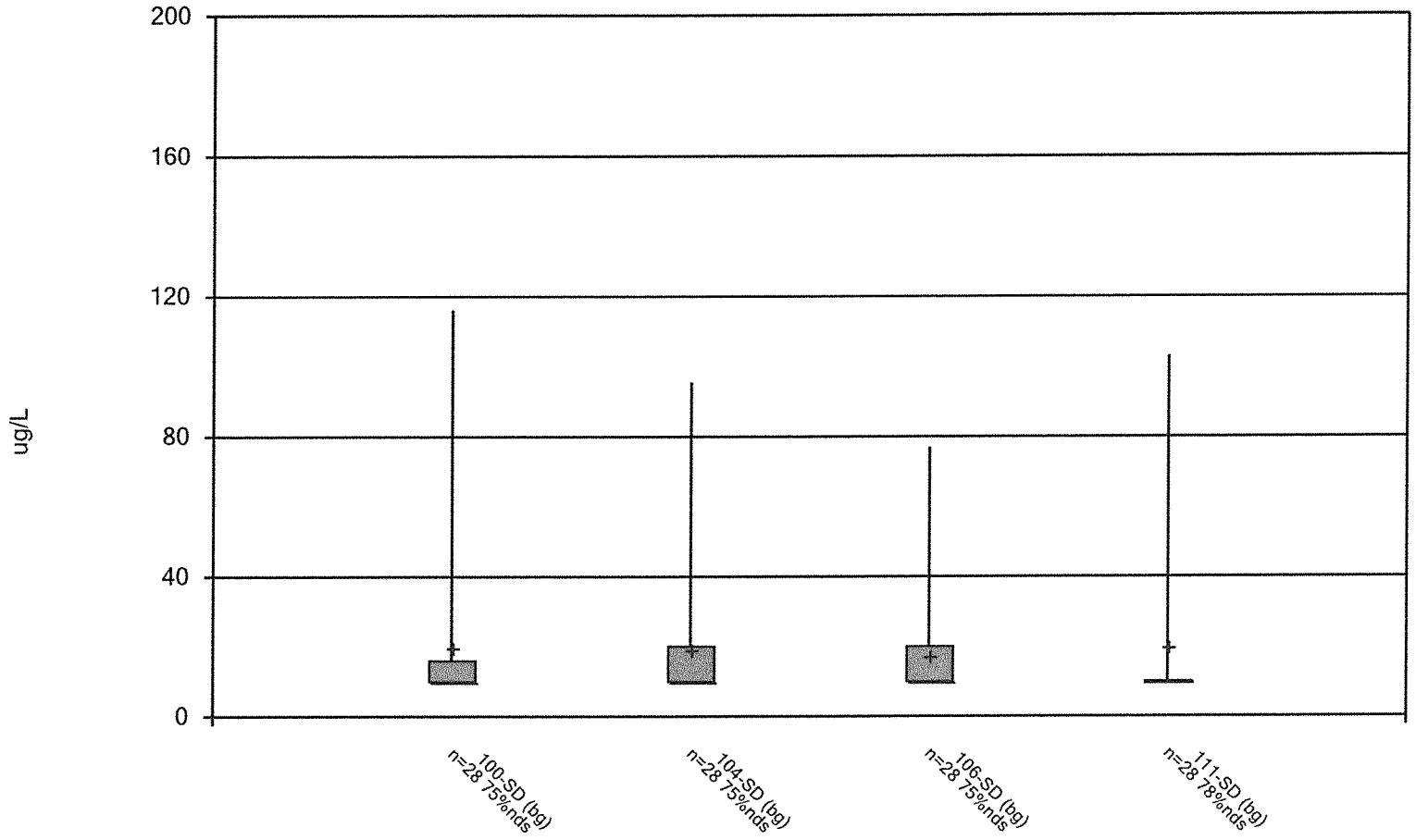


Constituent: Vanadium Total Analysis Run 9/7/2010 2:00 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.18 n/a. UG

Box & Whiskers Plot



Constituent: Zinc Total Analysis Run 9/7/2010 2:00 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

Appendix D
Outlier Evaluations

Outlier Analysis

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/21/2010, 9:47 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Ammonia as N (mg/L)	114-AS (bg)	No	n/a	EPA 1989	0.05	28	3.284	4.226	ln(x)	ShapiroWilk
Arsenic Total (ug/L)	114-AS (bg)	No	n/a	EPA 1989	0.05	28	69.28	40.45	unknown	ShapiroWilk
Barium Total (ug/L)	114-AS (bg)	No	n/a	EPA 1989	0.05	28	775.1	161.4	Normal	ShapiroWilk
Boron Total (ug/L)	114-AS (bg)	No	n/a	EPA 1989	0.05	28	290.6	192.9	unknown	ShapiroWilk
Calcium Total (ug/L)	114-AS (bg)	No	n/a	EPA 1989	0.05	28	253571	42908	Normal	ShapiroWilk
Chemical Oxygen Demand [COD] (mg/L)	114-AS (bg)	No	n/a	EPA 1989	0.05	28	76.09	58.21	ln(x)	ShapiroWilk
Chloride (mg/L)	114-AS (bg)	No	n/a	EPA 1989	0.05	28	354.1	103.4	Normal	ShapiroWilk
Cobalt Total (ug/L)	114-AS (bg)	No	n/a	EPA 1989	0.05	28	13.84	10.09	ln(x)	ShapiroWilk
Hardness Total (mg/L)	**114-AS (bg)**	**Yes**	**260**	**Rosner`s**	**0.01**	**28**	**897.5**	**200.1**	**Normal**	**ShapiroWilk**
Iron Total (ug/L)	114-AS (bg)	No	n/a	EPA 1989	0.05	28	53948	38400	Normal	ShapiroWilk
Magnesium Total (ug/L)	114-AS (bg)	No	n/a	EPA 1989	0.05	28	67946	13814	Normal	ShapiroWilk
Manganese Total (ug/L)	114-AS (bg)	No	n/a	Rosner`s	0.01	28	5331	2044	Normal	ShapiroWilk
pH [Field] (su)	114-AS (bg)	No	n/a	EPA 1989	0.05	28	6.575	0.3446	Normal	ShapiroWilk
Phosphorus Total (mg/L)	114-AS (bg)	No	n/a	EPA 1989	0.05	28	0.7605	0.6583	ln(x)	ShapiroWilk
Sodium Total (ug/L)	114-AS (bg)	No	n/a	EPA 1989	0.05	28	183321	41752	Normal	ShapiroWilk
Specific Conductance [Field] (umhos/cm)	114-AS (bg)	No	n/a	Rosner`s	0.01	28	2264	694.6	Normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/L)	114-AS (bg)	No	n/a	EPA 1989	0.05	28	1406	246.5	Normal	ShapiroWilk
Total Organic Carbon [TOC] (mg/L)	114-AS (bg)	No	n/a	Rosner`s	0.01	28	13.48	10.07	ln(x)	ShapiroWilk

Outlier Analysis

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/28/2010, 3:21 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium Total (ug/L)	100-SS (bg)	No	n/a	EPA 1989	0.05	28	67.46	6.504	Normal	ShapiroWilk
Boron Total (ug/L)	100-SS (bg)	No	n/a	EPA 1989	0.05	28	106.7	25.85	unknown	ShapiroWilk
Calcium Total (ug/L)	**100-SS (bg)**	**Yes**	**76000**	**Rosner`s**	**0.01**	**28**	**94821**	**5977**	**Normal**	**ShapiroWilk**
Chloride (mg/L)	100-SS (bg)	No	n/a	EPA 1989	0.05	28	6.166	1.616	Normal	ShapiroWilk
Fluoride (mg/L)	**100-SS (bg)**	**Yes**	**0.125,0.34**	**Rosner`s**	**0.01**	**26**	**0.7184**	**0.1642**	**Normal**	**ShapiroWilk**
Hardness Total (mg/L)	**100-SS (bg)**	**Yes**	**150**	**Rosner`s**	**0.01**	**28**	**444.3**	**63.79**	**Normal**	**ShapiroWilk**
Magnesium Total (ug/L)	100-SS (bg)	No	n/a	EPA 1989	0.05	28	52514	3383	Normal	ShapiroWilk
Nickel Total (ug/L)	100-SS (bg)	No	n/a	EPA 1989	0.05	28	18.7	10.56	ln(x)	ShapiroWilk
pH [Field] (su)	100-SS (bg)	No	n/a	EPA 1989	0.05	28	7.32	0.3706	Normal	ShapiroWilk
Sodium Total (ug/L)	100-SS (bg)	No	n/a	EPA 1989	0.05	28	20861	5710	Normal	ShapiroWilk
Specific Conductance [Field] (umhos/cm)	100-SS (bg)	No	n/a	EPA 1989	0.05	28	870.6	77.19	Normal	ShapiroWilk
Sulfate as SO4 (mg/L)	100-SS (bg)	No	n/a	EPA 1989	0.05	28	60.58	9.548	Normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/L)	**100-SS (bg)**	**Yes**	**748**	**Rosner`s**	**0.01**	**28**	**496.3**	**65.29**	**Normal**	**ShapiroWilk**

Outlier Analysis

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/26/2010, 1:46 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium Total (ug/L)	**104-SS (bg)**	**Yes**	**214**	**Rosner`s**	**0.01**	**28**	**91.72**	**25.79**	**Normal**	**ShapiroWilk**
Calcium Total (ug/L)	104-SS (bg)	No	n/a	Rosner`s	0.01	28	80936	5902	Normal	ShapiroWilk
Fluoride (mg/L)	**104-SS (bg)**	**Yes**	**0.125**	**Rosner`s**	**0.01**	**26**	**0.7633**	**0.1586**	**Normal**	**ShapiroWilk**
Hardness Total (mg/L)	**104-SS (bg)**	**Yes**	**130**	**Rosner`s**	**0.01**	**28**	**388.4**	**57.7**	**Normal**	**ShapiroWilk**
Iron Total (ug/L)	104-SS (bg)	No	n/a	EPA 1989	0.05	28	2021	1484	Normal	ShapiroWilk
Magnesium Total (ug/L)	104-SS (bg)	No	n/a	EPA 1989	0.05	28	47439	3617	Normal	ShapiroWilk
Manganese Total (ug/L)	104-SS (bg)	No	n/a	EPA 1989	0.05	28	37.23	32.31	ln(x)	ShapiroWilk
pH [Field] (su)	104-SS (bg)	No	n/a	EPA 1989	0.05	28	7.381	0.3929	Normal	ShapiroWilk
Sodium Total (ug/L)	**104-SS (bg)**	**Yes**	**34800**	**Rosner`s**	**0.01**	**28**	**17464**	**4621**	**Normal**	**ShapiroWilk**
Specific Conductance [Field] (umhos/cm)	**104-SS (bg)**	**Yes**	**468**	**Rosner`s**	**0.01**	**28**	**749**	**82.75**	**Normal**	**ShapiroWilk**
Sulfate as SO4 (mg/L)	104-SS (bg)	No	n/a	EPA 1989	0.05	28	25.96	5.771	unknown	ShapiroWilk
Total Dissolved Solids [TDS] (mg/L)	**104-SS (bg)**	**Yes**	**664,257**	**Rosner`s**	**0.01**	**28**	**424.2**	**65.71**	**Normal**	**ShapiroWilk**

Outlier Analysis

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/26/2010, 3:24 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium Total (ug/L)	105-SS (bg)	No	n/a	EPA 1989	0.05	28	141	49.1	Normal	ShapiroWilk
Calcium Total (ug/L)	105-SS (bg)	No	n/a	EPA 1989	0.05	28	80200	15166	Normal	ShapiroWilk
Chloride (mg/L)	105-SS (bg)	No	n/a	EPA 1989	0.05	28	53.66	42.42	ln(x)	ShapiroWilk
Fluoride (mg/L)	105-SS (bg)	No	n/a	Rosner`s	0.01	26	0.7745	0.1155	Normal	ShapiroWilk
Hardness Total (mg/L)	105-SS (bg)	No	n/a	Rosner`s	0.01	28	369.7	85.82	Normal	ShapiroWilk
Iron Total (ug/L)	105-SS (bg)	No	n/a	Rosner`s	0.01	28	2104	2077	ln(x)	ShapiroWilk
Magnesium Total (ug/L)	105-SS (bg)	No	n/a	EPA 1989	0.05	28	42900	7494	Normal	ShapiroWilk
Manganese Total (ug/L)	**105-SS (bg)**	**Yes**	**240**	**Rosner`s**	**0.01**	**28**	**29.53**	**43.18**	**Normal**	**ShapiroWilk**
pH [Field] (su)	105-SS (bg)	No	n/a	EPA 1989	0.05	28	7.513	0.3128	Normal	ShapiroWilk
Sodium Total (ug/L)	105-SS (bg)	No	n/a	EPA 1989	0.05	28	54214	8208	Normal	ShapiroWilk
Specific Conductance [Field] (umhos/cm)	105-SS (bg)	No	n/a	EPA 1989	0.05	28	886.8	166.4	Normal	ShapiroWilk
Sulfate as SO4 (mg/L)	105-SS (bg)	No	n/a	EPA 1989	0.05	28	59.36	32.92	ln(x)	ShapiroWilk
Total Dissolved Solids [TDS] (mg/L)	105-SS (bg)	No	n/a	EPA 1989	0.05	28	518	103.9	unknown	ShapiroWilk
Total Organic Carbon [TOC] (mg/L)	105-SS (bg)	No	n/a	Rosner`s	0.01	28	2.327	2.769	ln(x)	ShapiroWilk

Outlier Analysis

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/27/2010, 3:03 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium Total (ug/L)	**106-SS (bg)**	**Yes**	**78**	**Rosner`s**	**0.01**	**28**	**140.3**	**16.9**	**Normal**	**ShapiroWilk**
Calcium Total (ug/L)	**106-SS (bg)**	**Yes**	**9000,60000**	**Rosner`s**	**0.01**	**28**	**90300**	**18383**	**Normal**	**ShapiroWilk**
Chloride (mg/L)	106-SS (bg)	No	n/a	EPA 1989	0.05	28	10.9	3.467	unknown	ShapiroWilk
Fluoride (mg/L)	106-SS (bg)	No	n/a	EPA 1989	0.05	26	1.948	0.1711	Normal	ShapiroWilk
Hardness Total (mg/L)	**106-SS (bg)**	**Yes**	**130,265**	**Rosner`s**	**0.01**	**28**	**407.8**	**68.54**	**Normal**	**ShapiroWilk**
Iron Total (ug/L)	106-SS (bg)	No	n/a	EPA 1989	0.05	28	375.2	281.3	ln(x)	ShapiroWilk
Magnesium Total (ug/L)	**106-SS (bg)**	**Yes**	**28000**	**Rosner`s**	**0.01**	**28**	**43875**	**4447**	**Normal**	**ShapiroWilk**
Manganese Total (ug/L)	**106-SS (bg)**	**Yes**	**270**	**Rosner`s**	**0.01**	**28**	**28.88**	**49.66**	**ln(x)**	**ShapiroWilk**
pH [Field] (su)	106-SS (bg)	No	n/a	EPA 1989	0.05	28	7.284	0.3875	Normal	ShapiroWilk
Sodium Total (ug/L)	**106-SS (bg)**	**Yes**	**20000**	**Rosner`s**	**0.01**	**28**	**13264**	**2107**	**Normal**	**ShapiroWilk**
Specific Conductance [Field] (umhos/cm)	106-SS (bg)	No	n/a	Rosner`s	0.01	28	797.8	78.01	Normal	ShapiroWilk
Sulfate as SO4 (mg/L)	106-SS (bg)	No	n/a	EPA 1989	0.05	28	49.74	6.132	Normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/L)	**106-SS (bg)**	**Yes**	**244**	**Rosner`s**	**0.01**	**28**	**442.5**	**47.68**	**Normal**	**ShapiroWilk**

Outlier Analysis

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/28/2010, 11:23 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium Total (ug/L)	109-SS (bg)	No	n/a	EPA 1989	0.05	28	64.99	5.242	Normal	ShapiroWilk
Boron Total (ug/L)	109-SS (bg)	No	n/a	EPA 1989	0.05	28	258.6	40.75	unknown	ShapiroWilk
Calcium Total (ug/L)	**109-SS (bg)**	**Yes**	**174000**	**Rosner`s**	**0.01**	**28**	**87443**	**17807**	**Normal**	**ShapiroWilk**
Chloride (mg/L)	109-SS (bg)	No	n/a	EPA 1989	0.05	28	5.323	2.78	unknown	ShapiroWilk
Fluoride (mg/L)	109-SS (bg)	No	n/a	EPA 1989	0.05	26	2.08	0.1875	Normal	ShapiroWilk
Hardness Total (mg/L)	**109-SS (bg)**	**Yes**	**739,140**	**Rosner`s**	**0.01**	**28**	**423**	**85.01**	**Normal**	**ShapiroWilk**
Iron Total (ug/L)	109-SS (bg)	No	n/a	EPA 1989	0.05	28	574.3	1021	ln(x)	ShapiroWilk
Magnesium Total (ug/L)	**109-SS (bg)**	**Yes**	**74000**	**Rosner`s**	**0.01**	**28**	**52411**	**5174**	**Normal**	**ShapiroWilk**
pH [Field] (su)	**109-SS (bg)**	**Yes**	**10.9**	**Rosner`s**	**0.01**	**28**	**7.407**	**0.7573**	**Normal**	**ShapiroWilk**
Sodium Total (ug/L)	**109-SS (bg)**	**Yes**	**68000**	**Rosner`s**	**0.01**	**28**	**27207**	**10348**	**Normal**	**ShapiroWilk**
Specific Conductance [Field] (umhos/cm)	109-SS (bg)	No	n/a	EPA 1989	0.05	28	873.2	148.9	unknown	ShapiroWilk
Sulfate as SO4 (mg/L)	109-SS (bg)	No	n/a	EPA 1989	0.05	28	47.39	12.41	Normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/L)	109-SS (bg)	No	n/a	EPA 1989	0.05	28	468.9	41.36	Normal	ShapiroWilk
Zinc Total (ug/L)	109-SS (bg)	No	n/a	EPA 1989	0.05	28	52.8	37.42	ln(x)	ShapiroWilk

Outlier Analysis

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/29/2010, 4:00 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Ammonia as N (mg/L)	**110-SS (bg)**	**Yes**	**0.77**	**Rosner`s**	**0.01**	**28**	**0.3154**	**0.1469**	**Normal**	**ShapiroWilk**
Barium Total (ug/L)	110-SS (bg)	No	n/a	EPA 1989	0.05	28	226.1	53.49	Normal	ShapiroWilk
Boron Total (ug/L)	**110-SS (bg)**	**Yes**	**50,400**	**Rosner`s**	**0.01**	**28**	**248.5**	**52.5**	**Normal**	**ShapiroWilk**
Calcium Total (ug/L)	**110-SS (bg)**	**Yes**	**91000**	**Rosner`s**	**0.01**	**28**	**210071**	**38414**	**Normal**	**ShapiroWilk**
Chemical Oxygen Demand [COD] (mg/L)	110-SS (bg)	No	n/a	EPA 1989	0.05	28	48.71	19.95	Normal	ShapiroWilk
Chloride (mg/L)	**110-SS (bg)**	**Yes**	**1.5**	**Rosner`s**	**0.01**	**28**	**167.5**	**46.99**	**Normal**	**ShapiroWilk**
Fluoride (mg/L)	110-SS (bg)	No	n/a	EPA 1989	0.05	26	0.5113	0.2059	ln(x)	ShapiroWilk
Hardness Total (mg/L)	**110-SS (bg)**	**Yes**	**270**	**Rosner`s**	**0.01**	**28**	**852**	**178.1**	**Normal**	**ShapiroWilk**
Iron Total (ug/L)	**110-SS (bg)**	**Yes**	**9.1**	**Rosner`s**	**0.01**	**28**	**6642**	**2094**	**Normal**	**ShapiroWilk**
Magnesium Total (ug/L)	**110-SS (bg)**	**Yes**	**51000**	**Rosner`s**	**0.01**	**28**	**82986**	**10473**	**Normal**	**ShapiroWilk**
Manganese Total (ug/L)	110-SS (bg)	No	n/a	Rosner`s	0.01	28	175.1	54.67	Normal	ShapiroWilk
pH [Field] (su)	110-SS (bg)	No	n/a	EPA 1989	0.05	28	6.81	0.3431	Normal	ShapiroWilk
Phosphorus Total (mg/L)	**110-SS (bg)**	**Yes**	**1.4**	**Rosner`s**	**0.01**	**28**	**0.2364**	**0.2442**	**ln(x)**	**ShapiroWilk**
Sodium Total (ug/L)	**110-SS (bg)**	**Yes**	**19000**	**Rosner`s**	**0.01**	**28**	**78286**	**18792**	**ln(x)**	**ShapiroWilk**
Specific Conductance [Field] (umhos/cm)	**110-SS (bg)**	**Yes**	**2930,1010**	**Rosner`s**	**0.01**	**28**	**1811**	**332.3**	**Normal**	**ShapiroWilk**
Sulfate as SO4 (mg/L)	**110-SS (bg)**	**Yes**	**50**	**Rosner`s**	**0.01**	**28**	**78**	**9.603**	**Normal**	**ShapiroWilk**
Total Dissolved Solids [TDS] (mg/L)	110-SS (bg)	No	n/a	EPA 1989	0.05	28	1119	124	Normal	ShapiroWilk
Total Organic Carbon [TOC] (mg/L)	110-SS (bg)	No	n/a	EPA 1989	0.05	28	13.07	5.684	ln(x)	ShapiroWilk

Outlier Analysis

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/1/2010, 1:01 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium Total (ug/L)	115-SS (bg)	No	n/a	EPA 1989	0.05	28	227.9	155.3	unknown	ShapiroWilk
Calcium Total (ug/L)	115-SS (bg)	No	n/a	EPA 1989	0.05	28	153296	54771	Normal	ShapiroWilk
Chloride (mg/L)	115-SS (bg)	No	n/a	EPA 1989	0.05	28	206.1	149.7	unknown	ShapiroWilk
Fluoride (mg/L)	115-SS (bg)	No	n/a	EPA 1989	0.05	26	0.9788	0.4114	Normal	ShapiroWilk
Hardness Total (mg/L)	115-SS (bg)	No	n/a	EPA 1989	0.05	28	688.7	242.9	Normal	ShapiroWilk
Iron Total (ug/L)	115-SS (bg)	No	n/a	EPA 1989	0.05	28	2003	1452	ln(x)	ShapiroWilk
Magnesium Total (ug/L)	115-SS (bg)	No	n/a	EPA 1989	0.05	28	77404	20813	Normal	ShapiroWilk
Manganese Total (ug/L)	115-SS (bg)	No	n/a	EPA 1989	0.05	28	53.56	40.7	unknown	ShapiroWilk
pH [Field] (su)	115-SS (bg)	No	n/a	EPA 1989	0.05	28	6.829	0.3966	Normal	ShapiroWilk
Phosphorus Total (mg/L)	115-SS (bg)	No	n/a	EPA 1989	0.05	28	0.1067	0.08521	Normal	ShapiroWilk
Sodium Total (ug/L)	115-SS (bg)	No	n/a	EPA 1989	0.05	28	70375	65278	ln(x)	ShapiroWilk
Specific Conductance [Field] (umhos/cm)	115-SS (bg)	No	n/a	EPA 1989	0.05	28	1518	544.9	Normal	ShapiroWilk
Sulfate as SO4 (mg/L)	115-SS (bg)	No	n/a	EPA 1989	0.05	28	29.38	12.71	Normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/L)	115-SS (bg)	No	n/a	EPA 1989	0.05	28	855.5	294.8	Normal	ShapiroWilk

Outlier Analysis

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/3/2010, 9:19 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium Total (ug/L)	**201A-SS (bg)**	**Yes**	**206**	**Rosner`s**	**0.01**	**28**	**112.4**	**24.1**	**Normal**	**ShapiroWilk**
Calcium Total (ug/L)	201A-SS (bg)	No	n/a	EPA 1989	0.05	28	86218	6968	Normal	ShapiroWilk
Fluoride (mg/L)	201A-SS (bg)	No	n/a	EPA 1989	0.05	26	0.4983	0.05514	Normal	ShapiroWilk
Hardness Total (mg/L)	**201A-SS (bg)**	**Yes**	**120**	**Rosner`s**	**0.01**	**28**	**384.5**	**63.77**	**Normal**	**ShapiroWilk**
Iron Total (ug/L)	201A-SS (bg)	No	n/a	EPA 1989	0.05	28	781.3	956.7	ln(x)	ShapiroWilk
Magnesium Total (ug/L)	201A-SS (bg)	No	n/a	EPA 1989	0.05	28	42271	4481	Normal	ShapiroWilk
Manganese Total (ug/L)	201A-SS (bg)	No	n/a	EPA 1989	0.05	28	190.6	150.5	ln(x)	ShapiroWilk
pH [Field] (su)	201A-SS (bg)	No	n/a	EPA 1989	0.05	28	7.371	0.3905	Normal	ShapiroWilk
Sodium Total (ug/L)	201A-SS (bg)	No	n/a	EPA 1989	0.05	28	32750	10743	Normal	ShapiroWilk
Specific Conductance [Field] (umhos/cm)	**201A-SS (bg)**	**Yes**	**465**	**Rosner`s**	**0.01**	**28**	**790.6**	**101.2**	**Normal**	**ShapiroWilk**
Sulfate as SO4 (mg/L)	**201A-SS (bg)**	**Yes**	**99**	**Rosner`s**	**0.01**	**28**	**59.73**	**11.88**	**Normal**	**ShapiroWilk**
Total Dissolved Solids [TDS] (mg/L)	**201A-SS (bg)**	**Yes**	**356**	**Rosner`s**	**0.01**	**28**	**470.1**	**39.8**	**ln(x)**	**ShapiroWilk**

Outlier Analysis

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/3/2010, 11:20 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium Total (ug/L)	205-SS (bg)	No	n/a	EPA 1989	0.05	28	131.8	16.26	unknown	ShapiroWilk
Calcium Total (ug/L)	205-SS (bg)	No	n/a	EPA 1989	0.05	28	94543	6648	unknown	ShapiroWilk
Chloride (mg/L)	205-SS (bg)	No	n/a	EPA 1989	0.05	28	27.28	7.483	Normal	ShapiroWilk
Fluoride (mg/L)	205-SS (bg)	No	n/a	EPA 1989	0.05	26	0.4356	0.05891	Normal	ShapiroWilk
Hardness Total (mg/L)	205-SS (bg)	No	n/a	EPA 1989	0.05	28	436.6	66.3	unknown	ShapiroWilk
Iron Total (ug/L)	**205-SS (bg)**	**Yes**	**6260**	**Rosner`s**	**0.01**	**28**	**1049**	**1137**	**Normal**	**ShapiroWilk**
Magnesium Total (ug/L)	205-SS (bg)	No	n/a	EPA 1989	0.05	28	51907	4131	Normal	ShapiroWilk
pH [Field] (su)	205-SS (bg)	No	n/a	EPA 1989	0.05	28	7.206	0.2652	Normal	ShapiroWilk
Sodium Total (ug/L)	205-SS (bg)	No	n/a	EPA 1989	0.05	28	24111	11841	unknown	ShapiroWilk
Specific Conductance [Field] (umhos/cm)	205-SS (bg)	No	n/a	EPA 1989	0.05	28	869.3	219.1	unknown	ShapiroWilk
Sulfate as SO4 (mg/L)	205-SS (bg)	No	n/a	EPA 1989	0.05	28	50.24	9.962	Normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/L)	**205-SS (bg)**	**Yes**	**611**	**Rosner`s**	**0.01**	**28**	**505.6**	**35.9**	**Normal**	**ShapiroWilk**

Outlier Analysis

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/1/2010, 10:40 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Ammonia as N (mg/L)	**100-SD (bg)**	**Yes**	**1.2,0.05,0.13**	**Rosner`s**	**0.01**	**28**	**0.4478**	**0.1874**	**Normal**	**ShapiroWilk**
Barium Total (ug/L)	100-SD (bg)	No	n/a	EPA 1989	0.05	28	285.4	23.7	Normal	ShapiroWilk
Calcium Total (ug/L)	100-SD (bg)	No	n/a	EPA 1989	0.05	28	77104	4842	Normal	ShapiroWilk
Fluoride (mg/L)	100-SD (bg)	No	n/a	Rosner`s	0.01	26	2.028	0.1461	Normal	ShapiroWilk
Hardness Total (mg/L)	**100-SD (bg)**	**Yes**	**120**	**Rosner`s**	**0.01**	**28**	**330.9**	**44.63**	**Normal**	**ShapiroWilk**
Iron Total (ug/L)	100-SD (bg)	No	n/a	Rosner`s	0.01	28	1765	665.3	Normal	ShapiroWilk
Magnesium Total (ug/L)	100-SD (bg)	No	n/a	EPA 1989	0.05	28	35689	1874	Normal	ShapiroWilk
Manganese Total (ug/L)	100-SD (bg)	No	n/a	EPA 1989	0.05	28	1354	6398	unknown	ShapiroWilk
pH [Field] (su)	100-SD (bg)	No	n/a	EPA 1989	0.05	28	7.459	0.4007	Normal	ShapiroWilk
Sodium Total (ug/L)	100-SD (bg)	No	n/a	EPA 1989	0.05	28	9004	1304	Normal	ShapiroWilk
Specific Conductance [Field] (umhos/cm)	**100-SD (bg)**	**Yes**	**325**	**Rosner`s**	**0.01**	**28**	**625.4**	**71.03**	**Normal**	**ShapiroWilk**
Sulfate as SO4 (mg/L)	100-SD (bg)	No	n/a	EPA 1989	0.05	28	10.53	1.932	Normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/L)	**100-SD (bg)**	**Yes**	**116,551,512**	**Rosner`s**	**0.01**	**28**	**348.1**	**71.75**	**Normal**	**ShapiroWilk**
Total Organic Carbon [TOC] (mg/L)	100-SD (bg)	No	n/a	EPA 1989	0.05	28	1.435	1.076	unknown	ShapiroWilk

Outlier Analysis

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/21/2010, 4:13 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Ammonia as N (mg/L)	104-SD (bg)	No	n/a	EPA 1989	0.05	28	0.1409	0.1064	unknown	ShapiroWilk
Barium Total (ug/L)	104-SD (bg)	No	n/a	EPA 1989	0.05	28	152.3	26.71	ln(x)	ShapiroWilk
Calcium Total (ug/L)	104-SD (bg)	No	n/a	EPA 1989	0.05	28	107189	20616	unknown	ShapiroWilk
Chloride (mg/L)	104-SD (bg)	No	n/a	EPA 1989	0.05	28	67.18	22.86	unknown	ShapiroWilk
Fluoride (mg/L)	104-SD (bg)	No	n/a	EPA 1989	0.05	26	0.8963	0.1405	Normal	ShapiroWilk
Hardness Total (mg/L)	**104-SD (bg)**	**Yes**	**360**	**Rosner`s**	**0.01**	**28**	**483.8**	**35.26**	**Normal**	**ShapiroWilk**
Iron Total (ug/L)	104-SD (bg)	No	n/a	EPA 1989	0.05	28	908.8	557.5	unknown	ShapiroWilk
Magnesium Total (ug/L)	**104-SD (bg)**	**Yes**	**37000**	**Rosner`s**	**0.01**	**28**	**50225**	**3920**	**Normal**	**ShapiroWilk**
Manganese Total (ug/L)	104-SD (bg)	No	n/a	EPA 1989	0.05	28	94.79	20.85	Normal	ShapiroWilk
pH [Field] (su)	104-SD (bg)	No	n/a	EPA 1989	0.05	28	7.348	0.3625	Normal	ShapiroWilk
Sodium Total (ug/L)	104-SD (bg)	No	n/a	EPA 1989	0.05	28	29793	9232	ln(x)	ShapiroWilk
Specific Conductance [Field] (umhos/cm)	**104-SD (bg)**	**Yes**	**130.2**	**Rosner`s**	**0.01**	**28**	**954.9**	**211.3**	**Normal**	**ShapiroWilk**
Sulfate as SO4 (mg/L)	104-SD (bg)	No	n/a	EPA 1989	0.05	28	80.12	10.06	unknown	ShapiroWilk
Total Dissolved Solids [TDS] (mg/L)	104-SD (bg)	No	n/a	EPA 1989	0.05	28	580.1	55.01	Normal	ShapiroWilk

Outlier Analysis

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/22/2010, 2:44 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium Total (ug/L)	**106-SD (bg)**	**Yes**	**220**	**Rosner`s**	**0.01**	**28**	**94.06**	**32.72**	**ln(x)**	**ShapiroWilk**
Calcium Total (ug/L)	106-SD (bg)	No	n/a	EPA 1989	0.05	28	104754	12038	Normal	ShapiroWilk
Chloride (mg/L)	**106-SD (bg)**	**Yes**	**70**	**Rosner`s**	**0.01**	**28**	**20.41**	**10.16**	**Normal**	**ShapiroWilk**
Fluoride (mg/L)	**106-SD (bg)**	**Yes**	**2.24,0.125**	**Rosner`s**	**0.01**	**26**	**1.121**	**0.3195**	**Normal**	**ShapiroWilk**
Hardness Total (mg/L)	**106-SD (bg)**	**Yes**	**180**	**Rosner`s**	**0.01**	**28**	**455.8**	**70.86**	**Normal**	**ShapiroWilk**
Iron Total (ug/L)	106-SD (bg)	No	n/a	EPA 1989	0.05	28	1493	866.6	Normal	ShapiroWilk
Magnesium Total (ug/L)	106-SD (bg)	No	n/a	EPA 1989	0.05	28	50229	4923	Normal	ShapiroWilk
Manganese Total (ug/L)	106-SD (bg)	No	n/a	EPA 1989	0.05	28	186.2	127.6	Normal	ShapiroWilk
pH [Field] (su)	106-SD (bg)	No	n/a	EPA 1989	0.05	28	7.228	0.3145	Normal	ShapiroWilk
Sodium Total (ug/L)	106-SD (bg)	No	n/a	EPA 1989	0.05	28	23911	12782	ln(x)	ShapiroWilk
Specific Conductance [Field] (umhos/cm)	106-SD (bg)	No	n/a	EPA 1989	0.05	28	921.4	99.56	Normal	ShapiroWilk
Sulfate as SO4 (mg/L)	106-SD (bg)	No	n/a	EPA 1989	0.05	28	102.4	20.36	unknown	ShapiroWilk
Total Dissolved Solids [TDS] (mg/L)	106-SD (bg)	No	n/a	EPA 1989	0.05	28	551.7	63.51	Normal	ShapiroWilk

Outlier Analysis

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/25/2010, 10:00 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium Total (ug/L)	111-SD (bg)	No	n/a	EPA 1989	0.05	28	103.4	11.97	unknown	ShapiroWilk
Calcium Total (ug/L)	**111-SD (bg)**	**Yes**	**8590**	**Rosner`s**	**0.01**	**28**	**87182**	**16809**	**Normal**	**ShapiroWilk**
Chloride (mg/L)	111-SD (bg)	No	n/a	EPA 1989	0.05	28	13.76	1.893	Normal	ShapiroWilk
Fluoride (mg/L)	**111-SD (bg)**	**Yes**	**1.2**	**Rosner`s**	**0.01**	**26**	**1.983**	**0.2191**	**Normal**	**ShapiroWilk**
Hardness Total (mg/L)	**111-SD (bg)**	**Yes**	**37.1,150**	**Rosner`s**	**0.01**	**28**	**422.9**	**97.25**	**Normal**	**ShapiroWilk**
Iron Total (ug/L)	111-SD (bg)	No	n/a	EPA 1989	0.05	28	910.2	731.2	unknown	ShapiroWilk
Magnesium Total (ug/L)	**111-SD (bg)**	**Yes**	**3810**	**Rosner`s**	**0.01**	**28**	**52347**	**9904**	**Normal**	**ShapiroWilk**
Manganese Total (ug/L)	111-SD (bg)	No	n/a	EPA 1989	0.05	28	9.353	7.678	unknown	ShapiroWilk
pH [Field] (su)	**111-SD (bg)**	**Yes**	**5.2**	**Rosner`s**	**0.01**	**28**	**7.221**	**0.5482**	**Normal**	**ShapiroWilk**
Sodium Total (ug/L)	111-SD (bg)	No	n/a	EPA 1989	0.05	28	30004	38198	unknown	ShapiroWilk
Specific Conductance [Field] (umhos/cm)	**111-SD (bg)**	**Yes**	**157.9**	**Rosner`s**	**0.01**	**28**	**840**	**153**	**Normal**	**ShapiroWilk**
Sulfate as SO4 (mg/L)	111-SD (bg)	No	n/a	EPA 1989	0.05	28	53.35	5.762	ln(x)	ShapiroWilk
Total Dissolved Solids [TDS] (mg/L)	111-SD (bg)	No	n/a	Rosner`s	0.01	28	485	52.31	Normal	ShapiroWilk

Appendix E
Trend Evaluations

Sen's Slope/Mann-Kendall

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/21/2010, 10:19 AM

Constituent	Well	Slope	Mann-K.	Critical	Sig.	N	Alpha
Ammonia as N (mg/L)	**114-AS (bg)**	**0.333**	**137**	**119**	**Yes**	**28**	**0.02**
Arsenic Total (ug/L)	**114-AS (bg)**	**4.791**	**131**	**119**	**Yes**	**28**	**0.02**
Barium Total (ug/L)	114-AS (bg)	2.361	11	119	No	28	0.02
Boron Total (ug/L)	**114-AS (bg)**	**13.87**	**136**	**119**	**Yes**	**28**	**0.02**
Calcium Total (ug/L)	114-AS (bg)	-2969	-83	-119	No	28	0.02
Chemical Oxygen Demand [COD] (mg/L)	**114-AS (bg)**	**9.174**	**172**	**119**	**Yes**	**28**	**0.02**
Chloride (mg/L)	114-AS (bg)	8.254	77	119	No	28	0.02
Cobalt Total (ug/L)	114-AS (bg)	0	-5	-119	No	28	0.02
Fluoride (mg/L)	114-AS (bg)	-0.0006964	-23	-101	No	25	0.02
Hardness Total (mg/L)	114-AS (bg)	-13.42	-94	-112	No	27	0.02
Iron Total (ug/L)	**114-AS (bg)**	**6104**	**151**	**119**	**Yes**	**28**	**0.02**
Magnesium Total (ug/L)	**114-AS (bg)**	**-1542**	**-123**	**-119**	**Yes**	**28**	**0.02**
Manganese Total (ug/L)	114-AS (bg)	-55.89	-34	-119	No	28	0.02
pH [Field] (su)	114-AS (bg)	0.018	76	119	No	28	0.02
Phosphorus Total (mg/L)	**114-AS (bg)**	**0.08417**	**175**	**119**	**Yes**	**28**	**0.02**
Sodium Total (ug/L)	114-AS (bg)	0	-3	-119	No	28	0.02
Specific Conductance [Field] (umhos/cm)	114-AS (bg)	-62.88	-66	-119	No	28	0.02
Sulfate as SO4 (mg/L)	**114-AS (bg)**	**-3.414**	**-245**	**-119**	**Yes**	**28**	**0.02**
Total Dissolved Solids [TDS] (mg/L)	114-AS (bg)	-19.44	-64	-119	No	28	0.02
Total Organic Carbon [TOC] (mg/L)	114-AS (bg)	0.8522	84	119	No	28	0.02

Welch's t-test/Mann-Whitney

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/8/2010, 3:49 PM

Constituent	Well	Calc.	0.05	Alpha	Sig.	Method
Ammonia as N (mg/L)	114-AS (bg)	1.412	No	0.01	No	Mann-W
Arsenic Total (ug/L)	114-AS (bg)	1.625	No	0.01	No	Mann-W
Boron Total (ug/L)	**114-AS (bg)**	**3.526**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chemical Oxygen Demand [COD] (mg/L)	**114-AS (bg)**	**2.697**	**Yes**	**0.01**	**Yes**	**Mann-W**
Iron Total (ug/L)	**114-AS (bg)**	**2.67**	**Yes**	**0.01**	**Yes**	**Mann-W**
Phosphorus Total (mg/L)	**114-AS (bg)**	**3.128**	**Yes**	**0.01**	**Yes**	**Mann-W**

Sen's Slope/Mann-Kendall

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/26/2010, 10:49 AM

Constituent	Well	Slope	Mann-K.	Critical	Sig.	N	Alpha
Barium Total (ug/L)	100-SS (bg)	0.3012	57	119	No	28	0.02
Boron Total (ug/L)	100-SS (bg)	1.465	113	119	No	28	0.02
Calcium Total (ug/L)	100-SS (bg)	0	21	112	No	27	0.02
Chloride (mg/L)	100-SS (bg)	-0.09411	-43	-119	No	28	0.02
Fluoride (mg/L)	100-SS (bg)	-0.007734	-58	-95	No	24	0.02
Hardness Total (mg/L)	100-SS (bg)	0.9333	28	112	No	27	0.02
Iron Total (ug/L)	100-SS (bg)	1.336	44	112	No	27	0.02
Magnesium Total (ug/L)	**100-SS (bg)**	**480.8**	**131**	**119**	**Yes**	**28**	**0.02**
Nickel Total (ug/L)	**100-SS (bg)**	**-1.336**	**-157**	**-119**	**Yes**	**28**	**0.02**
pH [Field] (su)	100-SS (bg)	-0.002754	-19	-119	No	28	0.02
Sodium Total (ug/L)	**100-SS (bg)**	**-1084**	**-208**	**-119**	**Yes**	**28**	**0.02**
Specific Conductance [Field] (umhos/cm)	100-SS (bg)	-3.571	-47	-119	No	28	0.02
Sulfate as SO4 (mg/L)	**100-SS (bg)**	**-1.665**	**-194**	**-119**	**Yes**	**28**	**0.02**
Total Dissolved Solids [TDS] (mg/L)	**100-SS (bg)**	**-5.028**	**-123**	**-112**	**Yes**	**27**	**0.02**

Welch's t-test/Mann-Whitney

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 3:13 PM

Constituent	Well	Calc.	0.05	Alpha	Sig.	Method
Magnesium Total (ug/L)	**100-SS (bg)**	**2.655**	**Yes**	**0.01**	**Yes**	**Mann-W**

Sen's Slope/Mann-Kendall

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/26/2010, 1:56 PM

Constituent	Well	Slope	Mann-K.	Critical	Sig.	N	Alpha
Barium Total (ug/L)	104-SS (bg)	0.7229	70	112	No	27	0.02
Boron Total (ug/L)	**104-SS (bg)**	**4.494**	**157**	**119**	**Yes**	**28**	**0.02**
Calcium Total (ug/L)	104-SS (bg)	-7.861	-11	-119	No	28	0.02
Fluoride (mg/L)	104-SS (bg)	0.009295	84	101	No	25	0.02
Hardness Total (mg/L)	104-SS (bg)	0	14	112	No	27	0.02
Iron Total (ug/L)	**104-SS (bg)**	**-191.2**	**-145**	**-119**	**Yes**	**28**	**0.02**
Magnesium Total (ug/L)	**104-SS (bg)**	**388.5**	**122**	**119**	**Yes**	**28**	**0.02**
Manganese Total (ug/L)	**104-SS (bg)**	**-3.476**	**-146**	**-119**	**Yes**	**28**	**0.02**
pH [Field] (su)	104-SS (bg)	0.002339	11	119	No	28	0.02
Sodium Total (ug/L)	**104-SS (bg)**	**-475.8**	**-113**	**-112**	**Yes**	**27**	**0.02**
Specific Conductance [Field] (umhos/cm)	104-SS (bg)	-2.144	-26	-112	No	27	0.02
Sulfate as SO4 (mg/L)	**104-SS (bg)**	**-0.6206**	**-168**	**-119**	**Yes**	**28**	**0.02**
Total Dissolved Solids [TDS] (mg/L)	**104-SS (bg)**	**-4.651**	**-141**	**-106**	**Yes**	**26**	**0.02**

Welch's t-test/Mann-Whitney

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 4:22 PM

Constituent	Well	Calc.	0.05	Alpha	Sig.	Method
Boron Total (ug/L)	104-SS (bg)	2.203	Yes	0.01	No	Mann-W
Magnesium Total (ug/L)	104-SS (bg)	1.143	No	0.01	No	Mann-W

Sen's Slope/Mann-Kendall

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/26/2010, 3:34 PM

Constituent	Well	Slope	Mann-K.	Critical	Sig.	N	Alpha
Barium Total (ug/L)	**105-SS (bg)**	**10.95**	**251**	**119**	**Yes**	**28**	**0.02**
Calcium Total (ug/L)	**105-SS (bg)**	**3427**	**266**	**119**	**Yes**	**28**	**0.02**
Chloride (mg/L)	**105-SS (bg)**	**6.955**	**306**	**119**	**Yes**	**28**	**0.02**
Fluoride (mg/L)	**105-SS (bg)**	**-0.0141**	**-108**	**-106**	**Yes**	**26**	**0.02**
Hardness Total (mg/L)	**105-SS (bg)**	**16.71**	**250**	**119**	**Yes**	**28**	**0.02**
Iron Total (ug/L)	105-SS (bg)	-38.59	-52	-119	No	28	0.02
Magnesium Total (ug/L)	**105-SS (bg)**	**1776**	**261**	**119**	**Yes**	**28**	**0.02**
Manganese Total (ug/L)	105-SS (bg)	-0.1063	-3	-112	No	27	0.02
pH [Field] (su)	105-SS (bg)	-0.02648	-84	-119	No	28	0.02
Phosphorus Total (mg/L)	**105-SS (bg)**	**-0.01303**	**-264**	**-119**	**Yes**	**28**	**0.02**
Sodium Total (ug/L)	105-SS (bg)	707.1	96	119	No	28	0.02
Specific Conductance [Field] (umhos/cm)	**105-SS (bg)**	**27.25**	**199**	**119**	**Yes**	**28**	**0.02**
Sulfate as SO4 (mg/L)	**105-SS (bg)**	**5.27**	**302**	**119**	**Yes**	**28**	**0.02**
Total Dissolved Solids [TDS] (mg/L)	**105-SS (bg)**	**15.39**	**225**	**119**	**Yes**	**28**	**0.02**
Total Organic Carbon [TOC] (mg/L)	105-SS (bg)	-0.03529	-49	-119	No	28	0.02

Welch's t-test/Mann-Whitney

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 11:28 AM

Constituent	Well	Calc.	0.05	Alpha	Sig.	Method
Barium Total (ug/L)	105-SS (bg)	4.293	Yes	0.01	Yes	Mann-W
Calcium Total (ug/L)	105-SS (bg)	4.384	Yes	0.01	Yes	Mann-W
Chloride (mg/L)	105-SS (bg)	3.875	Yes	0.01	Yes	Mann-W
Hardness Total (mg/L)	105-SS (bg)	4.139	Yes	0.01	Yes	Mann-W
Magnesium Total (ug/L)	105-SS (bg)	4.354	Yes	0.01	Yes	Mann-W
Specific Conductance [Field] (umhos/cm)	105-SS (bg)	3.668	Yes	0.01	Yes	Mann-W
Sulfate as SO4 (mg/L)	105-SS (bg)	4.19	Yes	0.01	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/L)	105-SS (bg)	3.947	Yes	0.01	Yes	Mann-W

Sen's Slope/Mann-Kendall

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/27/2010, 3:13 PM

Constituent	Well	Slope	Mann-K.	Critical	Sig.	N	Alpha
Barium Total (ug/L)	106-SS (bg)	0	33	112	No	27	0.02
Calcium Total (ug/L)	106-SS (bg)	426.2	67	106	No	26	0.02
Chloride (mg/L)	106-SS (bg)	0.4371	97	119	No	28	0.02
Fluoride (mg/L)	106-SS (bg)	0	-22	-106	No	26	0.02
Hardness Total (mg/L)	106-SS (bg)	3.064	87	106	No	26	0.02
Iron Total (ug/L)	**106-SS (bg)**	**25.64**	**142**	**119**	**Yes**	**28**	**0.02**
Magnesium Total (ug/L)	106-SS (bg)	365.9	112	112	No	27	0.02
Manganese Total (ug/L)	106-SS (bg)	0.3113	15	112	No	27	0.02
pH [Field] (su)	106-SS (bg)	-0.02844	-78	-119	No	28	0.02
Sodium Total (ug/L)	**106-SS (bg)**	**222.7**	**131**	**112**	**Yes**	**27**	**0.02**
Specific Conductance [Field] (umhos/cm)	106-SS (bg)	-0.6439	-10	-119	No	28	0.02
Sulfate as SO4 (mg/L)	106-SS (bg)	0.4493	68	119	No	28	0.02
Total Dissolved Solids [TDS] (mg/L)	106-SS (bg)	-1.102	-57	-112	No	27	0.02

Welch's t-test/Mann-Whitney

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 12:43 PM

Constituent	Well	Calc.	0.05	Alpha	Sig.	Method
Iron Total (ug/L)	**106-SS (bg)**	**2.453**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sodium Total (ug/L)	106-SS (bg)	1.908	Yes	0.01	No	Mann-W

Sen's Slope/Mann-Kendall

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/28/2010, 11:20 AM

Constituent	Well	Slope	Mann-K.	Critical	Sig.	N	Alpha
Barium Total (ug/L)	109-SS (bg)	0.4521	98	119	No	28	0.02
Boron Total (ug/L)	109-SS (bg)	3.302	103	119	No	28	0.02
Calcium Total (ug/L)	109-SS (bg)	119.8	28	112	No	27	0.02
Chloride (mg/L)	**109-SS (bg)**	**-0.2308**	**-196**	**-112**	**Yes**	**27**	**0.02**
Fluoride (mg/L)	**109-SS (bg)**	**0.03172**	**146**	**106**	**Yes**	**26**	**0.02**
Hardness Total (mg/L)	109-SS (bg)	1.997	80	106	No	26	0.02
Iron Total (ug/L)	**109-SS (bg)**	**-45.35**	**-170**	**-119**	**Yes**	**28**	**0.02**
Magnesium Total (ug/L)	**109-SS (bg)**	**376.2**	**131**	**112**	**Yes**	**27**	**0.02**
Manganese Total (ug/L)	**109-SS (bg)**	**-2.114**	**-151**	**-119**	**Yes**	**28**	**0.02**
pH [Field] (su)	109-SS (bg)	0	-5	-112	No	27	0.02
Sodium Total (ug/L)	109-SS (bg)	-249.3	-32	-112	No	27	0.02
Specific Conductance [Field] (umhos/cm)	109-SS (bg)	-3.107	-45	-119	No	28	0.02
Sulfate as SO4 (mg/L)	109-SS (bg)	-1.59	-95	-119	No	28	0.02
Total Dissolved Solids [TDS] (mg/L)	109-SS (bg)	-3.456	-82	-119	No	28	0.02

Welch's t-test/Mann-Whitney

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 1:50 PM

Constituent	Well	Calc.	0.05	Alpha	Sig.	Method
Fluoride (mg/L)	109-SS (bg)	2.221	Yes	0.01	No	Mann-W
Magnesium Total (ug/L)	109-SS (bg)	2.053	Yes	0.01	No	Mann-W

Sen's Slope/Mann-Kendall

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/8/2010, 3:17 PM

Constituent	Well	Slope	Mann-K.	Critical	Sig.	N	Alpha
Ammonia as N (mg/L)	**110-SS (bg)**	**0.01143**	**129**	**112**	**Yes**	**27**	**0.02**
Barium Total (ug/L)	**110-SS (bg)**	**9.593**	**218**	**119**	**Yes**	**28**	**0.02**
Boron Total (ug/L)	**110-SS (bg)**	**-3.38**	**-132**	**-106**	**Yes**	**26**	**0.02**
Calcium Total (ug/L)	**110-SS (bg)**	**5859**	**193**	**112**	**Yes**	**27**	**0.02**
Chemical Oxygen Demand [COD] (mg/L)	**110-SS (bg)**	**2.667**	**166**	**119**	**Yes**	**28**	**0.02**
Chloride (mg/L)	110-SS (bg)	2.861	77	112	No	27	0.02
Fluoride (mg/L)	**110-SS (bg)**	**-0.02551**	**-161**	**-106**	**Yes**	**26**	**0.02**
Hardness Total (mg/L)	**110-SS (bg)**	**23.27**	**209**	**112**	**Yes**	**27**	**0.02**
Iron Total (ug/L)	**110-SS (bg)**	**304.4**	**221**	**112**	**Yes**	**27**	**0.02**
Magnesium Total (ug/L)	**110-SS (bg)**	**1618**	**217**	**112**	**Yes**	**27**	**0.02**
Manganese Total (ug/L)	**110-SS (bg)**	**7.717**	**259**	**119**	**Yes**	**28**	**0.02**
Nickel Total (ug/L)	110-SS (bg)	-0.2669	-60	-119	No	28	0.02
pH [Field] (su)	110-SS (bg)	-0.02805	-88	-119	No	28	0.02
Phosphorus Total (mg/L)	110-SS (bg)	0.001995	27	112	No	27	0.02
Sodium Total (ug/L)	110-SS (bg)	-587.5	-58	-112	No	27	0.02
Specific Conductance [Field] (umhos/cm)	110-SS (bg)	19.99	99	106	No	26	0.02
Sulfate as SO4 (mg/L)	110-SS (bg)	0	-2	-112	No	27	0.02
Total Dissolved Solids [TDS] (mg/L)	110-SS (bg)	0	6	119	No	28	0.02
Total Organic Carbon [TOC] (mg/L)	110-SS (bg)	0.4206	92	119	No	28	0.02

Welch's t-test/Mann-Whitney

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 4:24 PM

Constituent	Well	Calc.	0.05	Alpha	Sig.	Method
Ammonia as N (mg/L)	**110-SS (bg)**	**2.741**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium Total (ug/L)	**110-SS (bg)**	**3.672**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium Total (ug/L)	**110-SS (bg)**	**3.422**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chemical Oxygen Demand [COD] (mg/L)	110-SS (bg)	2.222	Yes	0.01	No	Mann-W
Hardness Total (mg/L)	**110-SS (bg)**	**3.627**	**Yes**	**0.01**	**Yes**	**Mann-W**
Iron Total (ug/L)	**110-SS (bg)**	**3.417**	**Yes**	**0.01**	**Yes**	**Mann-W**
Magnesium Total (ug/L)	**110-SS (bg)**	**3.669**	**Yes**	**0.01**	**Yes**	**Mann-W**
Manganese Total (ug/L)	**110-SS (bg)**	**3.945**	**Yes**	**0.01**	**Yes**	**Mann-W**

Sen's Slope/Mann-Kendall

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/1/2010, 2:40 PM

Constituent	Well	Slope	Mann-K.	Critical	Sig.	N	Alpha
Barium Total (ug/L)	**115-SS (bg)**	**19.99**	**114**	**106**	**Yes**	**26**	**0.02**
Boron Total (ug/L)	**115-SS (bg)**	**18.56**	**115**	**106**	**Yes**	**26**	**0.02**
Calcium Total (ug/L)	**115-SS (bg)**	**6494**	**122**	**119**	**Yes**	**28**	**0.02**
Chemical Oxygen Demand [COD] (mg/L)	**115-SS (bg)**	**4.476**	**98**	**95**	**Yes**	**24**	**0.02**
Chloride (mg/L)	**115-SS (bg)**	**17.83**	**107**	**106**	**Yes**	**26**	**0.02**
Cobalt Total (ug/L)	115-SS (bg)	0.4668	95	119	No	28	0.02
Fluoride (mg/L)	115-SS (bg)	-0.065	-95	-105	No	24	0.01
Hardness Total (mg/L)	115-SS (bg)	24.57	119	119	No	28	0.02
Iron Total (ug/L)	**115-SS (bg)**	**209.7**	**65**	**63**	**Yes**	**18**	**0.02**
Magnesium Total (ug/L)	115-SS (bg)	2287	115	119	No	28	0.02
Manganese Total (ug/L)	**115-SS (bg)**	**5.763**	**78**	**68**	**Yes**	**19**	**0.02**
Nickel Total (ug/L)	**115-SS (bg)**	**3.604**	**131**	**112**	**Yes**	**27**	**0.02**
pH [Field] (su)	115-SS (bg)	-0.04743	-117	-119	No	28	0.02
Phosphorus Total (mg/L)	**115-SS (bg)**	**0.009671**	**128**	**119**	**Yes**	**28**	**0.02**
Sodium Total (ug/L)	**115-SS (bg)**	**5297**	**115**	**101**	**Yes**	**25**	**0.02**
Specific Conductance [Field] (umhos/cm)	115-SS (bg)	68.29	116	119	No	28	0.02
Sulfate as SO4 (mg/L)	115-SS (bg)	-2.153	-46	-48	No	15	0.02
Total Dissolved Solids [TDS] (mg/L)	115-SS (bg)	26.99	116	119	No	28	0.02
Total Organic Carbon [TOC] (mg/L)	**115-SS (bg)**	**1.22**	**106**	**95**	**Yes**	**24**	**0.02**

Welch's t-test/Mann-Whitney

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/22/2010, 9:50 AM

Constituent	Well	Calc.	0.05	Alpha	Sig.	Method
Barium Total (ug/L)	**115-SS (bg)**	**3.863**	**Yes**	**0.01**	**Yes**	**Mann-W**
Boron Total (ug/L)	**115-SS (bg)**	**3.998**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium Total (ug/L)	**115-SS (bg)**	**2.978**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chemical Oxygen Demand [COD] (mg/L)	**115-SS (bg)**	**3.612**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**115-SS (bg)**	**2.326**	**Yes**	**0.01**	**Yes**	**Mann-W**
Iron Total (ug/L)	**115-SS (bg)**	**2.335**	**Yes**	**0.01**	**Yes**	**Mann-W**
Manganese Total (ug/L)	**115-SS (bg)**	**4.435**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel Total (ug/L)	**115-SS (bg)**	**3.302**	**Yes**	**0.01**	**Yes**	**Mann-W**
Phosphorus Total (mg/L)	**115-SS (bg)**	**2.905**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sodium Total (ug/L)	**115-SS (bg)**	**4.319**	**Yes**	**0.01**	**Yes**	**Mann-W**
Total Organic Carbon [TOC] (mg/L)	**115-SS (bg)**	**3.693**	**Yes**	**0.01**	**Yes**	**Mann-W**

Sen's Slope/Mann-Kendall

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/3/2010, 9:33 AM

Constituent	Well	Slope	Mann-K.	Critical	Sig.	N	Alpha
Barium Total (ug/L)	201A-SS (bg)	0	13	112	No	27	0.02
Calcium Total (ug/L)	**201A-SS (bg)**	**943.5**	**141**	**119**	**Yes**	**28**	**0.02**
Chloride (mg/L)	**201A-SS (bg)**	**0.1341**	**166**	**119**	**Yes**	**28**	**0.02**
Fluoride (mg/L)	201A-SS (bg)	-0.004306	-63	-106	No	26	0.02
Hardness Total (mg/L)	**201A-SS (bg)**	**5.282**	**135**	**112**	**Yes**	**27**	**0.02**
Iron Total (ug/L)	**201A-SS (bg)**	**-77.12**	**-170**	**-119**	**Yes**	**28**	**0.02**
Magnesium Total (ug/L)	**201A-SS (bg)**	**876.3**	**209**	**119**	**Yes**	**28**	**0.02**
Manganese Total (ug/L)	**201A-SS (bg)**	**-20.56**	**-158**	**-119**	**Yes**	**28**	**0.02**
pH [Field] (su)	201A-SS (bg)	-0.02675	-95	-119	No	28	0.02
Sodium Total (ug/L)	**201A-SS (bg)**	**-1848**	**-214**	**-119**	**Yes**	**28**	**0.02**
Specific Conductance [Field] (umhos/cm)	201A-SS (bg)	-0.8013	-11	-112	No	27	0.02
Sulfate as SO4 (mg/L)	201A-SS (bg)	0.8326	87	112	No	27	0.02
Total Dissolved Solids [TDS] (mg/L)	201A-SS (bg)	-2.895	-82	-112	No	27	0.02

Welch's t-test/Mann-Whitney

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/22/2010, 10:10 AM

Constituent	Well	Calc.	0.05	Alpha	Sig.	Method
Calcium Total (ug/L)	201A-SS (bg)	1.794	Yes	0.01	No	Mann-W
Chloride (mg/L)	**201A-SS (bg)**	**2.568**	**Yes**	**0.01**	**Yes**	**Mann-W**
Hardness Total (mg/L)	201A-SS (bg)	1.734	Yes	0.01	No	Mann-W
Magnesium Total (ug/L)	**201A-SS (bg)**	**3.609**	**Yes**	**0.01**	**Yes**	**Mann-W**

Sen's Slope/Mann-Kendall

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/3/2010, 11:33 AM

Constituent	Well	Slope	Mann-K.	Critical	Sig.	N	Alpha
Barium Total (ug/L)	205-SS (bg)	0	30	119	No	28	0.02
Calcium Total (ug/L)	**205-SS (bg)**	**549.1**	**120**	**119**	**Yes**	**28**	**0.02**
Chloride (mg/L)	205-SS (bg)	0.7961	96	119	No	28	0.02
Fluoride (mg/L)	205-SS (bg)	-0.0003143	-14	-106	No	26	0.02
Hardness Total (mg/L)	**205-SS (bg)**	**4.281**	**127**	**119**	**Yes**	**28**	**0.02**
Iron Total (ug/L)	205-SS (bg)	-45.11	-93	-112	No	27	0.02
Magnesium Total (ug/L)	**205-SS (bg)**	**660**	**195**	**119**	**Yes**	**28**	**0.02**
Manganese Total (ug/L)	**205-SS (bg)**	**-1.068**	**-145**	**-112**	**Yes**	**27**	**0.02**
pH [Field] (su)	205-SS (bg)	-0.01585	-59	-119	No	28	0.02
Sodium Total (ug/L)	205-SS (bg)	-459.1	-58	-119	No	28	0.02
Specific Conductance [Field] (umhos/cm)	205-SS (bg)	-1.836	-18	-119	No	28	0.02
Sulfate as SO4 (mg/L)	205-SS (bg)	0.7155	53	119	No	28	0.02
Total Dissolved Solids [TDS] (mg/L)	205-SS (bg)	-0.573	-38	-112	No	27	0.02

Welch's t-test/Mann-Whitney

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/22/2010, 10:12 AM

Constituent	Well	Calc.	0.05	Alpha	Sig.	Method
Calcium Total (ug/L)	205-SS (bg)	1.241	No	0.01	No	Mann-W
Hardness Total (mg/L)	205-SS (bg)	1.607	No	0.01	No	Mann-W
Magnesium Total (ug/L)	**205-SS (bg)**	**2.883**	**Yes**	**0.01**	**Yes**	**Mann-W**

Sen's Slope/Mann-Kendall

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/1/2010, 11:09 AM

Constituent	Well	Slope	Mann-K.	Critical	Sig.	N	Alpha
Ammonia as N (mg/L)	100-SD (bg)	-0.0003322	-8	-101	No	25	0.02
Barium Total (ug/L)	100-SD (bg)	-0.1638	-27	-119	No	28	0.02
Calcium Total (ug/L)	100-SD (bg)	-401.5	-114	-119	No	28	0.02
Fluoride (mg/L)	100-SD (bg)	0	-27	-106	No	26	0.02
Hardness Total (mg/L)	100-SD (bg)	-0.499	-59	-112	No	27	0.02
Iron Total (ug/L)	100-SD (bg)	-53.13	-108	-119	No	28	0.02
Magnesium Total (ug/L)	100-SD (bg)	108.4	59	119	No	28	0.02
Manganese Total (ug/L)	**100-SD (bg)**	**-9.161**	**-268**	**-112**	**Yes**	**27**	**0.02**
pH [Field] (su)	100-SD (bg)	0	6	119	No	28	0.02
Sodium Total (ug/L)	**100-SD (bg)**	**-233**	**-187**	**-119**	**Yes**	**28**	**0.02**
Specific Conductance [Field] (umhos/cm)	100-SD (bg)	0.4267	8	112	No	27	0.02
Sulfate as SO4 (mg/L)	100-SD (bg)	0.1834	103	119	No	28	0.02
Total Dissolved Solids [TDS] (mg/L)	**100-SD (bg)**	**-4.48**	**-175**	**-101**	**Yes**	**25**	**0.02**
Total Organic Carbon [TOC] (mg/L)	100-SD (bg)	-0.08065	-115	-119	No	28	0.02

Sen's Slope/Mann-Kendall

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/21/2010, 4:25 PM

Constituent	Well	Slope	Mann-K.	Critical	Sig.	N	Alpha
Ammonia as N (mg/L)	**104-SD (bg)**	**-0.01**	**-126**	**-119**	**Yes**	**28**	**0.02**
Barium Total (ug/L)	104-SD (bg)	3.773	117	119	No	28	0.02
Calcium Total (ug/L)	104-SD (bg)	0	9	112	No	27	0.02
Chloride (mg/L)	**104-SD (bg)**	**2.269**	**146**	**119**	**Yes**	**28**	**0.02**
Fluoride (mg/L)	104-SD (bg)	-0.00211	-18	-106	No	26	0.02
Hardness Total (mg/L)	104-SD (bg)	2.51	93	112	No	27	0.02
Iron Total (ug/L)	**104-SD (bg)**	**-72.63**	**-127**	**-119**	**Yes**	**28**	**0.02**
Magnesium Total (ug/L)	**104-SD (bg)**	**408.3**	**157**	**112**	**Yes**	**27**	**0.02**
Manganese Total (ug/L)	104-SD (bg)	-2.26	-114	-119	No	28	0.02
pH [Field] (su)	104-SD (bg)	-0.0149	-42	-119	No	28	0.02
Sodium Total (ug/L)	**104-SD (bg)**	**1994**	**246**	**119**	**Yes**	**28**	**0.02**
Specific Conductance [Field] (umhos/cm)	104-SD (bg)	9.605	68	112	No	27	0.02
Sulfate as SO4 (mg/L)	104-SD (bg)	1.127	87	119	No	28	0.02
Total Dissolved Solids [TDS] (mg/L)	104-SD (bg)	1.712	35	119	No	28	0.02

Welch's t-test/Mann-Whitney

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/12/2010, 3:21 PM

Constituent	Well	Calc.	0.05	Alpha	Sig.	Method
Chloride (mg/L)	**104-SD (bg)**	**2.528**	**Yes**	**0.01**	**Yes**	**Mann-W**
Magnesium Total (ug/L)	**104-SD (bg)**	**2.535**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sodium Total (ug/L)	**104-SD (bg)**	**3.671**	**Yes**	**0.01**	**Yes**	**Mann-W**

Sen's Slope/Mann-Kendall

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/22/2010, 2:48 PM

Constituent	Well	Slope	Mann-K.	Critical	Sig.	N	Alpha
Barium Total (ug/L)	**106-SD (bg)**	**2.075**	**132**	**112**	**Yes**	**27**	**0.02**
Calcium Total (ug/L)	106-SD (bg)	310.2	45	119	No	28	0.02
Chloride (mg/L)	**106-SD (bg)**	**-0.6238**	**-257**	**-112**	**Yes**	**27**	**0.02**
Fluoride (mg/L)	**106-SD (bg)**	**0.01551**	**104**	**95**	**Yes**	**24**	**0.02**
Hardness Total (mg/L)	106-SD (bg)	1.784	41	112	No	27	0.02
Iron Total (ug/L)	106-SD (bg)	-12.71	-10	-119	No	28	0.02
Magnesium Total (ug/L)	106-SD (bg)	225	59	119	No	28	0.02
Manganese Total (ug/L)	106-SD (bg)	2.544	21	119	No	28	0.02
pH [Field] (su)	106-SD (bg)	-0.02304	-81	-119	No	28	0.02
Phosphorus Total (mg/L)	106-SD (bg)	-0.002388	-59	-119	No	28	0.02
Sodium Total (ug/L)	**106-SD (bg)**	**-2529**	**-302**	**-119**	**Yes**	**28**	**0.02**
Specific Conductance [Field] (umhos/cm)	**106-SD (bg)**	**-11.82**	**-137**	**-119**	**Yes**	**28**	**0.02**
Sulfate as SO4 (mg/L)	**106-SD (bg)**	**-2.964**	**-237**	**-119**	**Yes**	**28**	**0.02**
Total Dissolved Solids [TDS] (mg/L)	**106-SD (bg)**	**-10.04**	**-215**	**-119**	**Yes**	**28**	**0.02**

Welch's t-test/Mann-Whitney

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 1:39 PM

Constituent	Well	Calc.	0.05	Alpha	Sig.	Method
Barium Total (ug/L)	106-SD (bg)	2.071	Yes	0.01	No	Mann-W
Fluoride (mg/L)	106-SD (bg)	1.764	Yes	0.01	No	Mann-W

Sen's Slope/Mann-Kendall

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 10/25/2010, 10:12 AM

Constituent	Well	Slope	Mann-K.	Critical	Sig.	N	Alpha
Barium Total (ug/L)	**111-SD (bg)**	**1.345**	**123**	**119**	**Yes**	**28**	**0.02**
Calcium Total (ug/L)	111-SD (bg)	-63.35	-21	-112	No	27	0.02
Chloride (mg/L)	**111-SD (bg)**	**-0.4001**	**-286**	**-119**	**Yes**	**28**	**0.02**
Fluoride (mg/L)	111-SD (bg)	-0.001146	-29	-101	No	25	0.02
Hardness Total (mg/L)	111-SD (bg)	0	13	106	No	26	0.02
Iron Total (ug/L)	111-SD (bg)	-54.32	-82	-119	No	28	0.02
Magnesium Total (ug/L)	111-SD (bg)	66.63	27	112	No	27	0.02
Manganese Total (ug/L)	**111-SD (bg)**	**-1.074**	**-254**	**-112**	**Yes**	**27**	**0.02**
pH [Field] (su)	111-SD (bg)	-0.02528	-50	-112	No	27	0.02
Sodium Total (ug/L)	111-SD (bg)	180.4	73	106	No	26	0.02
Specific Conductance [Field] (umhos/cm)	111-SD (bg)	-6.329	-102	-112	No	27	0.02
Sulfate as SO4 (mg/L)	**111-SD (bg)**	**-0.9082**	**-273**	**-119**	**Yes**	**28**	**0.02**
Total Dissolved Solids [TDS] (mg/L)	**111-SD (bg)**	**-6.755**	**-195**	**-119**	**Yes**	**28**	**0.02**

Welch's t-test/Mann-Whitney

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 2:23 PM

Constituent	Well	Calc.	0.05	Alpha	Sig.	Method
Barium Total (ug/L)	**111-SD (bg)**	**3.487**	**Yes**	**0.01**	**Yes**	**Mann-W**

Appendix F
Autocorrelation Evaluations

Rank Von Neumann

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/8/2010, 4:27 PM

Constituent	Well	N	R(V)	Alpha	Table	Sig.
Ammonia as N (mg/L)	**114-AS (bg)**	**28**	**0.503**	**0.010**	**1.16**	**Yes**
Arsenic Total (ug/L)	**114-AS (bg)**	**28**	**0.8024**	**0.010**	**1.16**	**Yes**
Barium Total (ug/L)	114-AS (bg)	28	1.389	0.010	1.16	No
Boron Total (ug/L)	114-AS (bg)	13	1.481	0.010	0.84	No
Calcium Total (ug/L)	114-AS (bg)	28	1.627	0.010	1.16	No
Chemical Oxygen Demand [COD] (mg/L)	**114-AS (bg)**	**20**	**0.5188**	**0.010**	**1.03**	**Yes**
Chloride (mg/L)	114-AS (bg)	28	1.911	0.010	1.16	No
Cobalt Total (ug/L)	114-AS (bg)	28	1.351	0.010	1.16	No
Fluoride (mg/L)	114-AS (bg)	25	1.365	0.010	1.12	No
Hardness Total (mg/L)	114-AS (bg)	27	1.519	0.010	1.15	No
Iron Total (ug/L)	**114-AS (bg)**	**20**	**0.588**	**0.010**	**1.03**	**Yes**
Magnesium Total (ug/L)	**114-AS (bg)**	**27**	**0.9734**	**0.010**	**1.15**	**Yes**
Manganese Total (ug/L)	114-AS (bg)	28	1.468	0.010	1.16	No
pH [Field] (su)	114-AS (bg)	28	1.331	0.010	1.16	No
Phosphorus Total (mg/L)	114-AS (bg)	19	1.399	0.010	1.01	No
Sodium Total (ug/L)	114-AS (bg)	28	1.631	0.010	1.16	No
Specific Conductance [Field] (umhos/cm)	114-AS (bg)	28	1.459	0.010	1.16	No
Total Dissolved Solids [TDS] (mg/L)	114-AS (bg)	28	1.366	0.010	1.16	No
Total Organic Carbon [TOC] (mg/L)	**114-AS (bg)**	**28**	**0.8287**	**0.010**	**1.16**	**Yes**

Rank Von Neumann

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 3:22 PM

Constituent	Well	N	R(V)	Alpha	Table	Sig.
Barium Total (ug/L)	100-SS (bg)	28	1.417	0.010	1.16	No
Boron Total (ug/L)	**100-SS (bg)**	**28**	**0.8306**	**0.010**	**1.16**	**Yes**
Calcium Total (ug/L)	100-SS (bg)	27	2.153	0.010	1.15	No
Chloride (mg/L)	**100-SS (bg)**	**28**	**0.7122**	**0.010**	**1.16**	**Yes**
Fluoride (mg/L)	100-SS (bg)	24	1.772	0.010	1.1	No
Hardness Total (mg/L)	100-SS (bg)	27	1.949	0.010	1.15	No
Iron Total (ug/L)	100-SS (bg)	27	1.199	0.010	1.15	No
Magnesium Total (ug/L)	100-SS (bg)	13	0.9231	0.010	0.84	No
Nickel Total (ug/L)	**100-SS (bg)**	**25**	**0.981**	**0.010**	**1.12**	**Yes**
pH [Field] (su)	100-SS (bg)	28	1.388	0.010	1.16	No
Sodium Total (ug/L)	100-SS (bg)	7	0.9375	0.010	0.54	No
Specific Conductance [Field] (umhos/cm)	100-SS (bg)	28	2.124	0.010	1.16	No
Sulfate as SO4 (mg/L)	**100-SS (bg)**	**19**	**0.6118**	**0.010**	**1.01**	**Yes**
Total Dissolved Solids [TDS] (mg/L)	**100-SS (bg)**	**25**	**0.9225**	**0.010**	**1.12**	**Yes**

Rank Von Neumann

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 4:33 PM

Constituent	Well	N	R(V)	Alpha	Table	Sig.
Barium Total (ug/L)	104-SS (bg)	27	1.591	0.010	1.15	No
Boron Total (ug/L)	**104-SS (bg)**	**20**	**0.8985**	**0.010**	**1.03**	**Yes**
Calcium Total (ug/L)	104-SS (bg)	28	1.394	0.010	1.16	No
Fluoride (mg/L)	104-SS (bg)	25	1.737	0.010	1.12	No
Hardness Total (mg/L)	104-SS (bg)	27	1.568	0.010	1.15	No
Iron Total (ug/L)	104-SS (bg)	21	1.577	0.010	1.05	No
Magnesium Total (ug/L)	104-SS (bg)	28	1.402	0.010	1.16	No
Manganese Total (ug/L)	104-SS (bg)	25	1.477	0.010	1.12	No
pH [Field] (su)	104-SS (bg)	28	1.602	0.010	1.16	No
Sodium Total (ug/L)	104-SS (bg)	7	0.7857	0.010	0.54	No
Specific Conductance [Field] (umhos/cm)	104-SS (bg)	27	1.297	0.010	1.15	No
Sulfate as SO4 (mg/L)	104-SS (bg)	25	1.619	0.010	1.12	No
Total Dissolved Solids [TDS] (mg/L)	104-SS (bg)	24	1.451	0.010	1.1	No

Rank Von Neumann

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 11:43 AM

Constituent	Well	N	R(V)	Alpha	Table	Sig.
Barium Total (ug/L)	105-SS (bg)	13	0.9341	0.010	0.84	No
Calcium Total (ug/L)	105-SS (bg)	11	1.155	0.010	0.77	No
Chloride (mg/L)	105-SS (bg)	7	1.214	0.010	0.54	No
Fluoride (mg/L)	**105-SS (bg)**	**25**	**0.8177**	**0.010**	**1.12**	**Yes**
Hardness Total (mg/L)	105-SS (bg)	14	1.859	0.010	0.87	No
Iron Total (ug/L)	105-SS (bg)	28	1.454	0.010	1.16	No
Magnesium Total (ug/L)	105-SS (bg)	11	1.491	0.010	0.77	No
Manganese Total (ug/L)	105-SS (bg)	27	1.264	0.010	1.15	No
pH [Field] (su)	105-SS (bg)	28	1.406	0.010	1.16	No
Phosphorus Total (mg/L)	**105-SS (bg)**	**28**	**0.5115**	**0.010**	**1.16**	**Yes**
Sodium Total (ug/L)	105-SS (bg)	28	1.543	0.010	1.16	No
Specific Conductance [Field] (umhos/cm)	105-SS (bg)	22	1.853	0.010	1.07	No
Sulfate as SO4 (mg/L)	105-SS (bg)	9	1.85	0.010	0.67	No
Total Dissolved Solids [TDS] (mg/L)	105-SS (bg)	20	1.697	0.010	1.03	No
Total Organic Carbon [TOC] (mg/L)	105-SS (bg)	28	1.508	0.010	1.16	No

Rank Von Neumann

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 12:50 PM

Constituent	Well	N	R(V)	Alpha	Table	Sig.
Barium Total (ug/L)	106-SS (bg)	27	1.332	0.010	1.15	No
Calcium Total (ug/L)	106-SS (bg)	26	1.755	0.010	1.13	No
Chloride (mg/L)	**106-SS (bg)**	**28**	**0.2926**	**0.010**	**1.16**	**Yes**
Fluoride (mg/L)	106-SS (bg)	26	1.491	0.010	1.13	No
Hardness Total (mg/L)	106-SS (bg)	26	1.298	0.010	1.13	No
Iron Total (ug/L)	106-SS (bg)	25	1.138	0.010	1.12	No
Magnesium Total (ug/L)	106-SS (bg)	27	1.435	0.010	1.15	No
Manganese Total (ug/L)	**106-SS (bg)**	**27**	**1.101**	**0.010**	**1.15**	**Yes**
pH [Field] (su)	106-SS (bg)	28	1.746	0.010	1.16	No
Sodium Total (ug/L)	106-SS (bg)	24	1.909	0.010	1.1	No
Specific Conductance [Field] (umhos/cm)	**106-SS (bg)**	**28**	**1.026**	**0.010**	**1.16**	**Yes**
Sulfate as SO4 (mg/L)	**106-SS (bg)**	**28**	**0.6134**	**0.010**	**1.16**	**Yes**
Total Dissolved Solids [TDS] (mg/L)	**106-SS (bg)**	**27**	**0.6203**	**0.010**	**1.15**	**Yes**

Rank Von Neumann

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 2:00 PM

Constituent	Well	N	R(V)	Alpha	Table	Sig.
Barium Total (ug/L)	**109-SS (bg)**	**28**	**0.6026**	**0.010**	**1.16**	**Yes**
Boron Total (ug/L)	**109-SS (bg)**	**28**	**0.6464**	**0.010**	**1.16**	**Yes**
Calcium Total (ug/L)	109-SS (bg)	27	1.626	0.010	1.15	No
Chloride (mg/L)	109-SS (bg)	22	1.189	0.010	1.07	No
Fluoride (mg/L)	109-SS (bg)	22	1.252	0.010	1.07	No
Hardness Total (mg/L)	109-SS (bg)	26	1.49	0.010	1.13	No
Iron Total (ug/L)	**109-SS (bg)**	**25**	**0.7942**	**0.010**	**1.12**	**Yes**
Magnesium Total (ug/L)	**109-SS (bg)**	**18**	**0.8999**	**0.010**	**0.98**	**Yes**
Manganese Total (ug/L)	**109-SS (bg)**	**26**	**0.641**	**0.010**	**1.13**	**Yes**
pH [Field] (su)	109-SS (bg)	27	1.479	0.010	1.15	No
Sodium Total (ug/L)	**109-SS (bg)**	**27**	**0.3603**	**0.010**	**1.15**	**Yes**
Specific Conductance [Field] (umhos/cm)	**109-SS (bg)**	**28**	**0.9041**	**0.010**	**1.16**	**Yes**
Sulfate as SO4 (mg/L)	**109-SS (bg)**	**28**	**0.2521**	**0.010**	**1.16**	**Yes**
Total Dissolved Solids [TDS] (mg/L)	**109-SS (bg)**	**28**	**1.125**	**0.010**	**1.16**	**Yes**
Zinc Total (ug/L)	109-SS (bg)	8	0.7143	0.010	0.62	No

Rank Von Neumann

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 4:35 PM

Constituent	Well	N	R(V)	Alpha	Table	Sig.
Ammonia as N (mg/L)	110-SS (bg)	24	1.118	0.010	1.1	No
Barium Total (ug/L)	**110-SS (bg)**	**22**	**0.9277**	**0.010**	**1.07**	**Yes**
Boron Total (ug/L)	110-SS (bg)	24	1.954	0.010	1.1	No
Calcium Total (ug/L)	110-SS (bg)	21	1.114	0.010	1.05	No
Chemical Oxygen Demand [COD] (mg/L)	**110-SS (bg)**	**23**	**0.7463**	**0.010**	**1.09**	**Yes**
Chloride (mg/L)	110-SS (bg)	27	1.198	0.010	1.15	No
Fluoride (mg/L)	110-SS (bg)	19	1.637	0.010	1.01	No
Hardness Total (mg/L)	110-SS (bg)	20	1.135	0.010	1.03	No
Iron Total (ug/L)	110-SS (bg)	10	1.758	0.010	0.72	No
Magnesium Total (ug/L)	110-SS (bg)	17	1.608	0.010	0.96	No
Manganese Total (ug/L)	**110-SS (bg)**	**14**	**0.4901**	**0.010**	**0.87**	**Yes**
Nickel Total (ug/L)	110-SS (bg)	28	1.165	0.010	1.16	No
pH [Field] (su)	110-SS (bg)	28	1.962	0.010	1.16	No
Phosphorus Total (mg/L)	110-SS (bg)	27	1.544	0.010	1.15	No
Sodium Total (ug/L)	110-SS (bg)	27	1.217	0.010	1.15	No
Specific Conductance [Field] (umhos/cm)	110-SS (bg)	26	1.659	0.010	1.13	No
Sulfate as SO4 (mg/L)	110-SS (bg)	27	1.316	0.010	1.15	No
Total Dissolved Solids [TDS] (mg/L)	**110-SS (bg)**	**28**	**0.9305**	**0.010**	**1.16**	**Yes**
Total Organic Carbon [TOC] (mg/L)	**110-SS (bg)**	**28**	**1.081**	**0.010**	**1.16**	**Yes**

Rank Von Neumann

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/22/2010, 10:27 AM

Constituent	Well	N	R(V)	Alpha	Table	Sig.
Barium Total (ug/L)	115-SS (bg)	14	1.525	0.010	0.87	No
Boron Total (ug/L)	**115-SS (bg)**	**14**	**0.4077**	**0.010**	**0.87**	**Yes**
Calcium Total (ug/L)	115-SS (bg)	16	1.113	0.010	0.93	No
Chloride (mg/L)	**115-SS (bg)**	**18**	**0.3627**	**0.010**	**0.98**	**Yes**
Cobalt Total (ug/L)	**115-SS (bg)**	**28**	**0.2466**	**0.010**	**1.16**	**Yes**
Fluoride (mg/L)	115-SS (bg)	24	1.233	0.010	1.1	No
Hardness Total (mg/L)	**115-SS (bg)**	**28**	**0.6434**	**0.010**	**1.16**	**Yes**
Iron Total (ug/L)	**115-SS (bg)**	**24**	**0.7839**	**0.010**	**1.1**	**Yes**
Magnesium Total (ug/L)	**115-SS (bg)**	**28**	**0.4187**	**0.010**	**1.16**	**Yes**
Manganese Total (ug/L)	115-SS (bg)	12	0.9301	0.010	0.81	No
pH [Field] (su)	115-SS (bg)	28	1.554	0.010	1.16	No
Phosphorus Total (mg/L)	115-SS (bg)	13	1.615	0.010	0.84	No
Sodium Total (ug/L)	115-SS (bg)	12	1.07	0.010	0.81	No
Specific Conductance [Field] (umhos/cm)	**115-SS (bg)**	**28**	**0.7083**	**0.010**	**1.16**	**Yes**
Sulfate as SO4 (mg/L)	115-SS (bg)	15	1.124	0.010	0.9	No
Total Dissolved Solids [TDS] (mg/L)	**115-SS (bg)**	**28**	**0.1984**	**0.010**	**1.16**	**Yes**
Total Organic Carbon [TOC] (mg/L)	**115-SS (bg)**	**15**	**0.6036**	**0.010**	**0.9**	**Yes**

Rank Von Neumann

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/22/2010, 10:33 AM

Constituent	Well	N	R(V)	Alpha	Table	Sig.
Barium Total (ug/L)	201A-SS (bg)	27	1.308	0.010	1.15	No
Calcium Total (ug/L)	201A-SS (bg)	22	1.715	0.010	1.07	No
Fluoride (mg/L)	201A-SS (bg)	26	1.452	0.010	1.13	No
Hardness Total (mg/L)	201A-SS (bg)	19	1.146	0.010	1.01	No
Iron Total (ug/L)	201A-SS (bg)	25	1.782	0.010	1.12	No
Magnesium Total (ug/L)	201A-SS (bg)	13	1.016	0.010	0.84	No
Manganese Total (ug/L)	201A-SS (bg)	25	1.857	0.010	1.12	No
pH [Field] (su)	**201A-SS (bg)**	**28**	**1.115**	**0.010**	**1.16**	**Yes**
Sodium Total (ug/L)	201A-SS (bg)	22	1.075	0.010	1.07	No
Specific Conductance [Field] (umhos/cm)	201A-SS (bg)	27	1.512	0.010	1.15	No
Sulfate as SO4 (mg/L)	**201A-SS (bg)**	**27**	**0.543**	**0.010**	**1.15**	**Yes**
Total Dissolved Solids [TDS] (mg/L)	**201A-SS (bg)**	**27**	**0.7656**	**0.010**	**1.15**	**Yes**

Rank Von Neumann

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/22/2010, 10:38 AM

Constituent	Well	N	R(V)	Alpha	Table	Sig.
Barium Total (ug/L)	205-SS (bg)	28	1.348	0.010	1.16	No
Calcium Total (ug/L)	**205-SS (bg)**	**28**	**1.159**	**0.010**	**1.16**	**Yes**
Chloride (mg/L)	**205-SS (bg)**	**28**	**0.665**	**0.010**	**1.16**	**Yes**
Fluoride (mg/L)	205-SS (bg)	26	1.297	0.010	1.13	No
Hardness Total (mg/L)	205-SS (bg)	28	1.477	0.010	1.16	No
Iron Total (ug/L)	205-SS (bg)	27	1.482	0.010	1.15	No
Magnesium Total (ug/L)	**205-SS (bg)**	**17**	**0.8499**	**0.010**	**0.96**	**Yes**
Manganese Total (ug/L)	**205-SS (bg)**	**24**	**0.9102**	**0.010**	**1.1**	**Yes**
pH [Field] (su)	205-SS (bg)	28	1.619	0.010	1.16	No
Sodium Total (ug/L)	**205-SS (bg)**	**28**	**0.3125**	**0.010**	**1.16**	**Yes**
Specific Conductance [Field] (umhos/cm)	205-SS (bg)	28	1.545	0.050	1.39	No
Sulfate as SO4 (mg/L)	**205-SS (bg)**	**28**	**0.5687**	**0.050**	**1.39**	**Yes**
Total Dissolved Solids [TDS] (mg/L)	**205-SS (bg)**	**27**	**0.7976**	**0.050**	**1.38**	**Yes**

Rank Von Neumann

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/12/2010, 2:38 PM

Constituent	Well	N	R(V)	Alpha	Table	Sig.
Ammonia as N (mg/L)	100-SD (bg)	25	2.4	0.010	1.12	No
Barium Total (ug/L)	100-SD (bg)	28	1.589	0.010	1.16	No
Calcium Total (ug/L)	100-SD (bg)	28	1.878	0.010	1.16	No
Fluoride (mg/L)	100-SD (bg)	26	1.622	0.010	1.13	No
Hardness Total (mg/L)	100-SD (bg)	27	1.976	0.010	1.15	No
Iron Total (ug/L)	100-SD (bg)	28	1.245	0.010	1.16	No
Magnesium Total (ug/L)	100-SD (bg)	28	1.408	0.010	1.16	No
Manganese Total (ug/L)	100-SD (bg)	15	1.569	0.010	0.9	No
pH [Field] (su)	100-SD (bg)	28	1.367	0.010	1.16	No
Sodium Total (ug/L)	**100-SD (bg)**	**23**	**0.9355**	**0.010**	**1.09**	**Yes**
Specific Conductance [Field] (umhos/cm)	100-SD (bg)	27	1.68	0.010	1.15	No
Sulfate as SO4 (mg/L)	100-SD (bg)	28	1.504	0.010	1.16	No
Total Dissolved Solids [TDS] (mg/L)	100-SD (bg)	18	1.334	0.010	0.98	No
Total Organic Carbon [TOC] (mg/L)	100-SD (bg)	28	1.447	0.010	1.16	No

Rank Von Neumann

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/12/2010, 3:34 PM

Constituent	Well	N	R(V)	Alpha	Table	Sig.
Ammonia as N (mg/L)	104-SD (bg)	27	1.351	0.010	1.15	No
Barium Total (ug/L)	**104-SD (bg)**	**28**	**0.8888**	**0.010**	**1.16**	**Yes**
Calcium Total (ug/L)	104-SD (bg)	27	1.774	0.010	1.15	No
Chloride (mg/L)	**104-SD (bg)**	**25**	**0.8175**	**0.010**	**1.12**	**Yes**
Fluoride (mg/L)	104-SD (bg)	26	1.283	0.010	1.13	No
Hardness Total (mg/L)	104-SD (bg)	27	1.6	0.010	1.15	No
Iron Total (ug/L)	104-SD (bg)	11	0.8636	0.010	0.77	No
Magnesium Total (ug/L)	104-SD (bg)	22	1.393	0.010	1.07	No
Manganese Total (ug/L)	104-SD (bg)	28	1.31	0.010	1.16	No
pH [Field] (su)	104-SD (bg)	28	1.423	0.010	1.16	No
Sodium Total (ug/L)	104-SD (bg)	10	1.37	0.010	0.72	No
Specific Conductance [Field] (umhos/cm)	**104-SD (bg)**	**27**	**0.9187**	**0.010**	**1.15**	**Yes**
Sulfate as SO4 (mg/L)	**104-SD (bg)**	**28**	**0.8796**	**0.010**	**1.16**	**Yes**
Total Dissolved Solids [TDS] (mg/L)	104-SD (bg)	28	1.187	0.010	1.16	No

Rank Von Neumann

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 1:52 PM

Constituent	Well	N	R(V)	Alpha	Table	Sig.
Barium Total (ug/L)	**106-SD (bg)**	**21**	**0.9266**	**0.010**	**1.05**	**Yes**
Calcium Total (ug/L)	106-SD (bg)	28	1.182	0.010	1.16	No
Chloride (mg/L)	**106-SD (bg)**	**17**	**0.864**	**0.010**	**0.96**	**Yes**
Fluoride (mg/L)	106-SD (bg)	21	1.3	0.010	1.05	No
Hardness Total (mg/L)	106-SD (bg)	27	1.235	0.010	1.15	No
Iron Total (ug/L)	106-SD (bg)	28	1.678	0.010	1.16	No
Magnesium Total (ug/L)	**106-SD (bg)**	**28**	**1.113**	**0.010**	**1.16**	**Yes**
Manganese Total (ug/L)	106-SD (bg)	28	1.22	0.010	1.16	No
pH [Field] (su)	106-SD (bg)	28	1.297	0.010	1.16	No
Phosphorus Total (mg/L)	106-SD (bg)	28	1.501	0.010	1.16	No
Sodium Total (ug/L)	106-SD (bg)	9	0.7208	0.010	0.67	No
Specific Conductance [Field] (umhos/cm)	106-SD (bg)	27	1.658	0.010	1.15	No
Sulfate as SO4 (mg/L)	106-SD (bg)	11	0.8477	0.010	0.77	No
Total Dissolved Solids [TDS] (mg/L)	106-SD (bg)	21	1.79	0.010	1.05	No

Rank Von Neumann

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 2:32 PM

Constituent	Well	N	R(V)	Alpha	Table	Sig.
Barium Total (ug/L)	111-SD (bg)	12	1.58	0.010	0.81	No
Calcium Total (ug/L)	111-SD (bg)	27	2.232	0.010	1.15	No
Chloride (mg/L)	111-SD (bg)	9	0.95	0.010	0.67	No
Fluoride (mg/L)	111-SD (bg)	25	1.62	0.010	1.12	No
Hardness Total (mg/L)	111-SD (bg)	26	2.548	0.010	1.13	No
Iron Total (ug/L)	**111-SD (bg)**	**28**	**0.538**	**0.010**	**1.16**	**Yes**
Magnesium Total (ug/L)	111-SD (bg)	27	1.901	0.010	1.15	No
pH [Field] (su)	111-SD (bg)	27	2.044	0.010	1.15	No
Sodium Total (ug/L)	111-SD (bg)	26	1.396	0.010	1.13	No
Specific Conductance [Field] (umhos/cm)	111-SD (bg)	27	1.336	0.010	1.15	No
Sulfate as SO4 (mg/L)	111-SD (bg)	11	0.8909	0.010	0.77	No
Total Dissolved Solids [TDS] (mg/L)	111-SD (bg)	19	1.074	0.010	1.01	No

Appendix G
Seasonality Evaluations

Seasonality

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/8/2010, 4:14 PM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Barium Total (ug/L)	114-AS (bg)	No	0.004754	3.841	1	28	0.05
Boron Total (ug/L)	114-AS (bg)	No	0.04604	3.841	1	13	0.05
Calcium Total (ug/L)	114-AS (bg)	No	0.1724	3.841	1	28	0.05
Chloride (mg/L)	114-AS (bg)	No	0.8466	3.841	1	28	0.05
Cobalt Total (ug/L)	114-AS (bg)	No	0.8477	3.841	1	28	0.05
Fluoride (mg/L)	114-AS (bg)	No	0.09086	3.841	1	25	0.05
Hardness Total (mg/L)	114-AS (bg)	No	0.462	3.841	1	27	0.05
Manganese Total (ug/L)	114-AS (bg)	No	0.2114	3.841	1	28	0.05
pH [Field] (su)	114-AS (bg)	No	0.08949	3.841	1	28	0.05
Phosphorus Total (mg/L)	114-AS (bg)	No	0.6022	3.841	1	19	0.05
Sodium Total (ug/L)	114-AS (bg)	No	1.727	3.841	1	28	0.05
Specific Conductance [Field] (umhos/cm)	114-AS (bg)	No	0.05284	3.841	1	28	0.05
Total Dissolved Solids [TDS] (mg/L)	114-AS (bg)	No	0.2137	3.841	1	28	0.05

Seasonality

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 3:30 PM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Barium Total (ug/L)	100-SS (bg)	No	0.6867	3.841	1	28	0.05
Calcium Total (ug/L)	100-SS (bg)	No	1.007	3.841	1	27	0.05
Fluoride (mg/L)	100-SS (bg)	No	0.06771	3.841	1	24	0.05
Hardness Total (mg/L)	100-SS (bg)	No	0.4657	3.841	1	27	0.05
Iron Total (ug/L)	100-SS (bg)	No	0.1342	3.841	1	27	0.05
Magnesium Total (ug/L)	100-SS (bg)	No	0.08163	3.841	1	13	0.05
pH [Field] (su)	100-SS (bg)	No	1.489	3.841	1	28	0.05
Sodium Total (ug/L)	100-SS (bg)	No	0.2972	3.841	1	7	0.05
Specific Conductance [Field] (umhos/cm)	100-SS (bg)	No	2.663	3.841	1	28	0.05

Seasonality

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 4:46 PM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Barium Total (ug/L)	104-SS (bg)	No	0.3686	3.841	1	27	0.05
Calcium Total (ug/L)	104-SS (bg)	No	1.171	3.841	1	28	0.05
Fluoride (mg/L)	104-SS (bg)	No	0.01188	3.841	1	25	0.05
Hardness Total (mg/L)	104-SS (bg)	No	0.2141	3.841	1	27	0.05
Iron Total (ug/L)	104-SS (bg)	No	1.043	3.841	1	21	0.05
Magnesium Total (ug/L)	104-SS (bg)	No	0.05306	3.841	1	28	0.05
Manganese Total (ug/L)	104-SS (bg)	No	0.6225	3.841	1	25	0.05
pH [Field] (su)	104-SS (bg)	No	0.008475	3.841	1	28	0.05
Sodium Total (ug/L)	104-SS (bg)	No	0.549	3.841	1	7	0.05
Specific Conductance [Field] (umhos/cm)	104-SS (bg)	No	0.3117	3.841	1	27	0.05
Sulfate as SO4 (mg/L)	104-SS (bg)	No	0.126	3.841	1	25	0.05
Total Dissolved Solids [TDS] (mg/L)	104-SS (bg)	No	0.6355	3.841	1	24	0.05

Seasonality

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 11:53 AM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Barium Total (ug/L)	105-SS (bg)	No	0.5116	3.841	1	13	0.05
Calcium Total (ug/L)	105-SS (bg)	No	0.03333	3.841	1	11	0.05
Chloride (mg/L)	105-SS (bg)	No	0.1273	3.841	1	7	0.05
Hardness Total (mg/L)	105-SS (bg)	No	0.6898	3.841	1	14	0.05
Iron Total (ug/L)	105-SS (bg)	No	0.0132	3.841	1	28	0.05
Magnesium Total (ug/L)	105-SS (bg)	No	1.633	3.841	1	11	0.05
Manganese Total (ug/L)	105-SS (bg)	No	0.7634	3.841	1	27	0.05
pH [Field] (su)	105-SS (bg)	No	3.142	3.841	1	28	0.05
Sodium Total (ug/L)	105-SS (bg)	No	1.905	3.841	1	28	0.05
Specific Conductance [Field] (umhos/cm)	105-SS (bg)	No	0.1079	3.841	1	22	0.05
Sulfate as SO4 (mg/L)	105-SS (bg)	No	0.06	3.841	1	9	0.05
Total Dissolved Solids [TDS] (mg/L)	105-SS (bg)	No	0.02303	3.841	1	20	0.05
Total Organic Carbon [TOC] (mg/L)	105-SS (bg)	No	0.7653	3.841	1	28	0.05

Seasonality

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 12:57 PM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Barium Total (ug/L)	106-SS (bg)	No	0.01516	3.841	1	27	0.05
Calcium Total (ug/L)	106-SS (bg)	No	0.169	3.841	1	26	0.05
Fluoride (mg/L)	106-SS (bg)	No	0.9247	3.841	1	26	0.05
Hardness Total (mg/L)	106-SS (bg)	No	0.0006636	3.841	1	26	0.05
Iron Total (ug/L)	106-SS (bg)	No	0.06003	3.841	1	25	0.05
Magnesium Total (ug/L)	106-SS (bg)	No	0.09998	3.841	1	27	0.05
pH [Field] (su)	106-SS (bg)	No	0.7239	3.841	1	28	0.05
Sodium Total (ug/L)	106-SS (bg)	No	0.2754	3.841	1	24	0.05

Seasonality

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 2:04 PM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Calcium Total (ug/L)	109-SS (bg)	No	0.1914	3.841	1	27	0.05
Chloride (mg/L)	109-SS (bg)	No	0.246	3.841	1	22	0.05
Fluoride (mg/L)	109-SS (bg)	No	0.03934	3.841	1	22	0.05
Hardness Total (mg/L)	109-SS (bg)	No	0.01073	3.841	1	26	0.05
pH [Field] (su)	109-SS (bg)	No	0.002362	3.841	1	27	0.05

Seasonality

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 4:44 PM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Ammonia as N (mg/L)	110-SS (bg)	No	0.05343	3.841	1	24	0.05
Boron Total (ug/L)	110-SS (bg)	No	0.2175	3.841	1	24	0.05
Calcium Total (ug/L)	110-SS (bg)	No	0.07981	3.841	1	21	0.05
Chloride (mg/L)	110-SS (bg)	No	0.152	3.841	1	27	0.05
Fluoride (mg/L)	110-SS (bg)	No	0.5438	3.841	1	19	0.05
Hardness Total (mg/L)	110-SS (bg)	No	0.09143	3.841	1	20	0.05
Iron Total (ug/L)	110-SS (bg)	No	0.01091	3.841	1	10	0.05
Magnesium Total (ug/L)	110-SS (bg)	No	0.4559	3.841	1	17	0.05
Nickel Total (ug/L)	110-SS (bg)	No	3.044	3.841	1	28	0.05
pH [Field] (su)	110-SS (bg)	No	0.1535	3.841	1	28	0.05
Phosphorus Total (mg/L)	110-SS (bg)	No	0.9017	3.841	1	27	0.05
Sodium Total (ug/L)	110-SS (bg)	No	0.3689	3.841	1	27	0.05
Specific Conductance [Field] (umhos/cm)	110-SS (bg)	No	0.05325	3.841	1	26	0.05
Sulfate as SO4 (mg/L)	110-SS (bg)	No	0.04776	3.841	1	27	0.05

Seasonality

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/22/2010, 10:42 AM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Barium Total (ug/L)	115-SS (bg)	No	0.102	3.841	1	14	0.05
Calcium Total (ug/L)	115-SS (bg)	No	0.3982	3.841	1	16	0.05
Fluoride (mg/L)	115-SS (bg)	No	0.4414	3.841	1	24	0.05
Manganese Total (ug/L)	115-SS (bg)	No	0.02564	3.841	1	12	0.05
pH [Field] (su)	115-SS (bg)	No	0.1193	3.841	1	28	0.05
Phosphorus Total (mg/L)	115-SS (bg)	No	0.08254	3.841	1	13	0.05
Sodium Total (ug/L)	115-SS (bg)	No	0.1026	3.841	1	12	0.05
Sulfate as SO4 (mg/L)	115-SS (bg)	No	1.346	3.841	1	15	0.05

Seasonality

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/22/2010, 10:47 AM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Barium Total (ug/L)	201A-SS (bg)	No	0.4345	3.841	1	27	0.05
Calcium Total (ug/L)	201A-SS (bg)	No	1.325	3.841	1	22	0.05
Fluoride (mg/L)	201A-SS (bg)	No	0.1488	3.841	1	26	0.05
Hardness Total (mg/L)	201A-SS (bg)	No	0.5419	3.841	1	19	0.05
Iron Total (ug/L)	201A-SS (bg)	No	2.577	3.841	1	25	0.05
Magnesium Total (ug/L)	201A-SS (bg)	No	0.02041	3.841	1	13	0.05
Manganese Total (ug/L)	201A-SS (bg)	No	1.565	3.841	1	25	0.05
Sodium Total (ug/L)	201A-SS (bg)	No	0.39	3.841	1	22	0.05
Specific Conductance [Field] (umhos/cm)	201A-SS (bg)	No	0.04771	3.841	1	27	0.05

Seasonality

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/22/2010, 10:49 AM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Barium Total (ug/L)	205-SS (bg)	No	0.2299	3.841	1	28	0.05
Fluoride (mg/L)	205-SS (bg)	No	0.3199	3.841	1	26	0.05
Hardness Total (mg/L)	205-SS (bg)	No	1.181	3.841	1	28	0.05
Iron Total (ug/L)	205-SS (bg)	No	0.2851	3.841	1	27	0.05
pH [Field] (su)	205-SS (bg)	No	0.2115	3.841	1	28	0.05
Specific Conductance [Field] (umhos/cm)	205-SS (bg)	No	0.008449	3.841	1	28	0.05

Seasonality

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/12/2010, 2:45 PM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Ammonia as N (mg/L)	100-SD (bg)	No	0.8197	3.841	1	25	0.05
Barium Total (ug/L)	100-SD (bg)	No	0.6545	3.841	1	28	0.05
Calcium Total (ug/L)	100-SD (bg)	No	0.1367	3.841	1	28	0.05
Fluoride (mg/L)	100-SD (bg)	No	0.6167	3.841	1	26	0.05
Hardness Total (mg/L)	100-SD (bg)	No	0.7789	3.841	1	27	0.05
Iron Total (ug/L)	100-SD (bg)	No	1.792	3.841	1	28	0.05
Magnesium Total (ug/L)	100-SD (bg)	No	0.4212	3.841	1	28	0.05
Manganese Total (ug/L)	**100-SD (bg)**	**Yes**	**4.753**	**3.841**	**1**	**15**	**0.05**
pH [Field] (su)	100-SD (bg)	No	0.1927	3.841	1	28	0.05
Specific Conductance [Field] (umhos/cm)	100-SD (bg)	No	1.736	3.841	1	27	0.05
Sulfate as SO4 (mg/L)	100-SD (bg)	No	0.0005421	3.841	1	28	0.05
Total Dissolved Solids [TDS] (mg/L)	100-SD (bg)	No	0.2031	3.841	1	18	0.05
Total Organic Carbon [TOC] (mg/L)	**100-SD (bg)**	**Yes**	**4.889**	**3.841**	**1**	**28**	**0.05**

Seasonality

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/12/2010, 3:42 PM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Ammonia as N (mg/L)	104-SD (bg)	No	3.461	3.841	1	27	0.05
Calcium Total (ug/L)	104-SD (bg)	No	0.0006313	3.841	1	27	0.05
Fluoride (mg/L)	104-SD (bg)	No	0.8529	3.841	1	26	0.05
Hardness Total (mg/L)	104-SD (bg)	No	0.4668	3.841	1	27	0.05
Iron Total (ug/L)	104-SD (bg)	No	0.5333	3.841	1	11	0.05
Magnesium Total (ug/L)	104-SD (bg)	No	0.1565	3.841	1	22	0.05
Manganese Total (ug/L)	104-SD (bg)	No	0.08937	3.841	1	28	0.05
pH [Field] (su)	104-SD (bg)	No	0.5107	3.841	1	28	0.05
Sodium Total (ug/L)	104-SD (bg)	No	0.09818	3.841	1	10	0.05
Total Dissolved Solids [TDS] (mg/L)	104-SD (bg)	No	2.748	3.841	1	28	0.05

Seasonality

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 1:56 PM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Calcium Total (ug/L)	106-SD (bg)	No	0.3898	3.841	1	28	0.05
Fluoride (mg/L)	106-SD (bg)	No	0.03226	3.841	1	21	0.05
Hardness Total (mg/L)	106-SD (bg)	No	0.7676	3.841	1	27	0.05
Iron Total (ug/L)	106-SD (bg)	No	0.004757	3.841	1	28	0.05
Manganese Total (ug/L)	106-SD (bg)	No	0.004754	3.841	1	28	0.05
pH [Field] (su)	106-SD (bg)	No	2.374	3.841	1	28	0.05
Phosphorus Total (mg/L)	106-SD (bg)	No	1.388	3.841	1	28	0.05
Sodium Total (ug/L)	106-SD (bg)	No	0.06011	3.841	1	19	0.05
Specific Conductance [Field] (umhos/cm)	106-SD (bg)	No	0.02885	3.841	1	27	0.05
Sulfate as SO4 (mg/L)	106-SD (bg)	No	0.4178	3.841	1	11	0.05
Total Dissolved Solids [TDS] (mg/L)	106-SD (bg)	No	3.26	3.841	1	21	0.05

Seasonality

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 2:38 PM

Constituent	Well	Sig.	K.-W.	Chi-Sq.	df	N	Alpha
Barium Total (ug/L)	111-SD (bg)	No	0.026	3.841	1	12	0.05
Calcium Total (ug/L)	111-SD (bg)	No	0.0005918	3.841	1	27	0.05
Chloride (mg/L)	111-SD (bg)	No	1.2	3.841	1	9	0.05
Fluoride (mg/L)	111-SD (bg)	No	0.3012	3.841	1	25	0.05
Hardness Total (mg/L)	111-SD (bg)	No	0.03262	3.841	1	26	0.05
Magnesium Total (ug/L)	111-SD (bg)	No	0.5326	3.841	1	27	0.05
pH [Field] (su)	111-SD (bg)	No	0.1328	3.841	1	27	0.05
Sodium Total (ug/L)	111-SD (bg)	No	0.03331	3.841	1	26	0.05
Specific Conductance [Field] (umhos/cm)	111-SD (bg)	No	0.2358	3.841	1	27	0.05
Sulfate as SO4 (mg/L)	111-SD (bg)	No	0.03459	3.841	1	11	0.05
Total Dissolved Solids [TDS] (mg/L)	111-SD (bg)	No	0.006922	3.841	1	19	0.05

Appendix H
Prediction Intervals

Intrawell Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/8/2010, 4:53 PM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Ammonia as N (mg/L)	114-AS (bg)	8.2	13	n/a	n/a	0	n/a	n/a	0.01929	NP (normality) 1 of 2
Arsenic Total (ug/L)	114-AS (bg)	130	28	n/a	n/a	3.571	n/a	n/a	0.004669	NP 1 of 2
Barium Total (ug/L)	114-AS (bg)	1135	28	6.633	0.2051	0	None	ln(x)	0.001548	Param 1 of 2
Boron Total (ug/L)	114-AS (bg)	530	13	n/a	n/a	0	n/a	n/a	0.01929	NP (normality) 1 of 2
Cadmium Total (ug/L)	114-AS (bg)	5.94	28	n/a	n/a	89.29	n/a	n/a	0.004669	NP (NDs) 1 of 2
Calcium Total (ug/L)	114-AS (bg)	328621	28	6.6e10	2.1e10	0	None	x^2	0.001548	Param 1 of 2
Chemical Oxygen Demand [COD] (mg/L)	114-AS (bg)	176.8	9	3.436	0.8377	22.22	Kaplan-Meier	x^(1/3)	0.001548	Param 1 of 2
Chloride (mg/L)	114-AS (bg)	578.4	28	18.62	2.772	0	None	sqrt(x)	0.001548	Param 1 of 2
Chromium Total (ug/L)	114-AS (bg)	5.4	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP (NDs) 1 of 2
Cobalt Total (ug/L)	114-AS (bg)	38.51	28	2.273	0.5638	14.29	None	x^(1/3)	0.001548	Param 1 of 2
Copper Total (ug/L)	114-AS (bg)	108	28	n/a	n/a	85.71	n/a	n/a	0.004669	NP (NDs) 1 of 2
Fluoride (mg/L)	114-AS (bg)	0.4406	25	0.282	0.0798	24	Kaplan-Meier	No	0.001548	Param 1 of 2
Hardness Total (mg/L)	114-AS (bg)	1234	27	921.1	159.2	0	None	No	0.001548	Param 1 of 2
Iron Total (ug/L)	114-AS (bg)	506560	9	9.981	1.214	0	None	ln(x)	0.001548	Param 1 of 2
Lead Total (ug/L)	114-AS (bg)	8.7	27	n/a	n/a	96.3	n/a	n/a	0.004998	NP (NDs) 1 of 2
Magnesium Total (ug/L)	114-AS (bg)	106196	13	40.19	3.154	0	None	x^(1/3)	0.001548	Param 1 of 2
Manganese Total (ug/L)	114-AS (bg)	9335	28	5331	2044	0	None	No	0.001548	Param 1 of 2
Nickel Total (ug/L)	114-AS (bg)	84	28	n/a	n/a	50	n/a	n/a	0.004669	NP (normality) 1 of 2
Nitrate/Nitrite (mg/L)	114-AS (bg)	0.57	26	n/a	n/a	76.92	n/a	n/a	0.005327	NP (NDs) 1 of 2
Phosphorus Total (mg/L)	114-AS (bg)	1.736	19	0.7295	0.2274	5.263	None	x^(1/3)	0.001548	Param 1 of 2
Sodium Total (ug/L)	114-AS (bg)	279568	28	12.09	0.2282	0	None	ln(x)	0.001548	Param 1 of 2
Specific Conductance [Field] (umhos/cm)	114-AS (bg)	3340	28	5590490	2839567	0	None	x^2	0.001548	Param 1 of 2
Sulfate as SO4 (mg/L)	114-AS (bg)	26	18	n/a	n/a	55.56	n/a	n/a	0.01072	NP (NDs) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	114-AS (bg)	1962	28	7.233	0.1778	0	None	ln(x)	0.001548	Param 1 of 2
Total Organic Carbon [TOC] (mg/L)	114-AS (bg)	37.03	13	3.152	1.29	7.692	None	sqrt(x)	0.001548	Param 1 of 2
Vanadium Total (ug/L)	114-AS (bg)	12	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP (NDs) 1 of 2
Zinc Total (ug/L)	114-AS (bg)	48	28	n/a	n/a	85.71	n/a	n/a	0.004669	NP (NDs) 1 of 2

Intrawell Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/8/2010, 4:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH [Field] (su)	114-AS (bg)	7.273	5.928	28	1.882	0.05221	0	None	ln(x)	0.001548	Param 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/4/2010, 9:36 AM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
14-Dichlorobenzene (ug/L)	114-AS (bg)	18	28	n/a	n/a	53.57	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Benzene (ug/L)	114-AS (bg)	6.1	28	n/a	n/a	92.86	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Chlorobenzene (ug/L)	114-AS (bg)	150	29	n/a	n/a	20.69	n/a	n/a	0.00434	NP Intra 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 4:06 PM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Ammonia as N (mg/L)	100-SS (bg)	0.8	28	n/a	n/a	89.29	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Antimony Total (ug/L)	100-SS (bg)	771	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Arsenic Total (ug/L)	100-SS (bg)	2990	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Barium Total (ug/L)	100-SS (bg)	81.45	28	315232	87515	0	None	x^3	0.0001721	Param Intra 1 of 2
Boron Total (ug/L)	100-SS (bg)	140	28	n/a	n/a	14.29	n/a	n/a	0.004669	NP Intra 1 of 2
Cadmium Total (ug/L)	100-SS (bg)	0.2	22	n/a	n/a	100	n/a	n/a	0.007401	NP Intra (NDs) 1 of 2
Calcium Total (ug/L)	100-SS (bg)	108626	27	11.47	0.05017	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Chemical Oxygen Demand [COD] (mg/L)	100-SS (bg)	21	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Chloride (mg/L)	100-SS (bg)	13.7	13	1.788	0.2633	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Chromium Total (ug/L)	100-SS (bg)	20.7	28	n/a	n/a	89.29	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Copper Total (ug/L)	100-SS (bg)	19.5	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	100-SS (bg)	0.9883	24	-0.2809	0.1018	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Hardness Total (mg/L)	100-SS (bg)	507.8	27	9.3e15	3.0e15	0	None	x^6	0.0001721	Param Intra 1 of 2
Iron Total (ug/L)	100-SS (bg)	682.1	27	3.813	1.048	22.22	Kaplan-Meier	ln(x)	0.0001721	Param Intra 1 of 2
Lead Total (ug/L)	100-SS (bg)	2720	28	n/a	n/a	92.86	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Magnesium Total (ug/L)	100-SS (bg)	57847	13	10.84	0.04048	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Manganese Total (ug/L)	100-SS (bg)	75	28	n/a	n/a	50	n/a	n/a	0.004669	NP Intra (normality) 1 of 2
Nickel Total (ug/L)	100-SS (bg)	34.22	12	16.79	5.389	16.67	Kaplan-Meier	No	0.0001721	Param Intra 1 of 2
Nitrate/Nitrite (mg/L)	100-SS (bg)	0.21	28	n/a	n/a	75	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Phosphorus Total (mg/L)	100-SS (bg)	0.21	28	n/a	n/a	57.14	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Sodium Total (ug/L)	100-SS (bg)	20025	7	14714	1113	0	None	No	0.0001721	Param Intra 1 of 2
Specific Conductance [Field] (umhos/cm)	100-SS (bg)	1085	28	6.765	0.08693	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	100-SS (bg)	71.6	19	n/a	n/a	0	n/a	n/a	0.009641	NP Intra 1 of 2
Thallium Total (ug/L)	100-SS (bg)	8.8	27	n/a	n/a	96.3	n/a	n/a	0.004998	NP Intra (NDs) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	100-SS (bg)	596.4	12	235006	37318	0	None	x^2	0.0001721	Param Intra 1 of 2
Total Organic Carbon [TOC] (mg/L)	100-SS (bg)	2	28	n/a	n/a	82.14	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Zinc Total (ug/L)	100-SS (bg)	227	28	n/a	n/a	89.29	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 4:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH [Field] (su)	100-SS (bg)	8.32	6.424	28	1.989	0.0503	0	None	ln(x)	0.0001721	Param Intra 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 11:14 AM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Ammonia as N (mg/L)	104-SS (bg)	0.38	28	n/a	n/a	85.71	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Arsenic Total (ug/L)	104-SS (bg)	11	28	n/a	n/a	89.29	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Barium Total (ug/L)	104-SS (bg)	109.7	27	7693	1680	0	None	x^2	0.0001721	Param Intra 1 of 2
Boron Total (ug/L)	104-SS (bg)	160	20	n/a	n/a	40	n/a	n/a	0.008564	NP Intra 1 of 2
Calcium Total (ug/L)	104-SS (bg)	94904	28	6.6e9	9.4e8	0	None	x^2	0.0001721	Param Intra 1 of 2
Chemical Oxygen Demand [COD] (mg/L)	104-SS (bg)	44	28	n/a	n/a	92.86	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Chloride (mg/L)	104-SS (bg)	5	28	n/a	n/a	57.14	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Chromium Total (ug/L)	104-SS (bg)	6.6	28	n/a	n/a	92.86	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	104-SS (bg)	1.031	25	0.7888	0.09247	0	None	No	0.0001721	Param Intra 1 of 2
Hardness Total (mg/L)	104-SS (bg)	449.4	27	4.2e15	1.5e15	0	None	x^6	0.0001721	Param Intra 1 of 2
Iron Total (ug/L)	104-SS (bg)	9468	21	10.63	3.877	0	None	x^(1/3)	0.0001721	Param Intra 1 of 2
Lead Total (ug/L)	104-SS (bg)	5	25	n/a	n/a	100	n/a	n/a	0.005656	NP Intra (NDs) 1 of 2
Magnesium Total (ug/L)	104-SS (bg)	56009	28	2.3e9	3.4e8	0	None	x^2	0.0001721	Param Intra 1 of 2
Manganese Total (ug/L)	104-SS (bg)	270.9	25	3.146	0.9381	4	None	ln(x)	0.0001721	Param Intra 1 of 2
Mercury Total (ug/L)	104-SS (bg)	0.3	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Nickel Total (ug/L)	104-SS (bg)	23	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Nitrate/Nitrite (mg/L)	104-SS (bg)	0.102	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Phosphorus Total (mg/L)	104-SS (bg)	0.46	28	n/a	n/a	53.57	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Sodium Total (ug/L)	104-SS (bg)	16155	7	5.1e24	2.7e24	0	None	x^6	0.0001721	Param Intra 1 of 2
Specific Conductance [Field] (umhos/cm)	104-SS (bg)	922.2	27	759.4	62.94	0	None	No	0.0001721	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	104-SS (bg)	32.04	25	15929	6474	0	None	x^3	0.0001721	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	104-SS (bg)	477	24	7.2e7	1.4e7	0	None	x^3	0.0001721	Param Intra 1 of 2
Total Organic Carbon [TOC] (mg/L)	104-SS (bg)	9	28	n/a	n/a	57.14	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Zinc Total (ug/L)	104-SS (bg)	220	28	n/a	n/a	78.57	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 11:15 AM

Constituent	Well	Upper Lim.	Lower Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH [Field] (su)	104-SS (bg)	8.453	6.427	28	1.998	0.05327	0	None	ln(x)	0.0001721	Param Intra 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 12:09 PM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Ammonia as N (mg/L)	105-SS (bg)	0.14	28	n/a	n/a	78.57	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Arsenic Total (ug/L)	105-SS (bg)	3	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Barium Total (ug/L)	105-SS (bg)	180	13	4.594	0.3338	0	None	x^(1/3)	0.0001721	Param Intra 1 of 2
Cadmium Total (ug/L)	105-SS (bg)	0.3	23	n/a	n/a	95.65	n/a	n/a	0.006819	NP Intra (NDs) 1 of 2
Calcium Total (ug/L)	105-SS (bg)	84468	11	11.08	0.07786	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Chemical Oxygen Demand [COD] (mg/L)	105-SS (bg)	42	28	n/a	n/a	71.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Chloride (mg/L)	105-SS (bg)	23.67	7	2.586	0.1213	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Chromium Total (ug/L)	105-SS (bg)	6.4	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Copper Total (ug/L)	105-SS (bg)	5.2	27	n/a	n/a	96.3	n/a	n/a	0.004998	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	105-SS (bg)	1.106	12	0.5961	0.1941	0	None	x^2	0.0001721	Param Intra 1 of 2
Hardness Total (mg/L)	105-SS (bg)	423.4	14	3.1e7	1.5e7	0	None	x^3	0.0001721	Param Intra 1 of 2
Iron Total (ug/L)	105-SS (bg)	17635	28	7.212	0.9977	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Magnesium Total (ug/L)	105-SS (bg)	45551	11	10.46	0.07764	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Manganese Total (ug/L)	105-SS (bg)	66.89	27	4.441	1.444	3.704	None	sqrt(x)	0.0001721	Param Intra 1 of 2
Nickel Total (ug/L)	105-SS (bg)	10	27	n/a	n/a	96.3	n/a	n/a	0.004998	NP Intra (NDs) 1 of 2
Nitrate/Nitrite (mg/L)	105-SS (bg)	0.12	28	n/a	n/a	92.86	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Phosphorus Total (mg/L)	105-SS (bg)	0.22	28	n/a	n/a	28.57	n/a	n/a	0.004669	NP Intra 1 of 2
Sodium Total (ug/L)	105-SS (bg)	78419	28	10.89	0.1477	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Specific Conductance [Field] (umhos/cm)	105-SS (bg)	1049	22	813.5	87.59	0	None	No	0.0001721	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	105-SS (bg)	45.24	9	1264445	763871	0	None	x^4	0.0001721	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	105-SS (bg)	540	20	n/a	n/a	0	n/a	n/a	0.008564	NP Intra (normality) 1 of 2
Total Organic Carbon [TOC] (mg/L)	105-SS (bg)	12.25	28	0.4835	0.7864	14.29	None	ln(x)	0.0001721	Param Intra 1 of 2
Zinc Total (ug/L)	105-SS (bg)	42.9	28	n/a	n/a	78.57	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 12:10 PM

Constituent	Well	Upper Lim.	Lower Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH [Field] (su)	105-SS (bg)	8.353	6.747	28	2.016	0.04151	0	None	ln(x)	0.0001721	Param Intra 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 1:43 PM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Ammonia as N (mg/L)	106-SS (bg)	0.8	28	n/a	n/a	71.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Arsenic Total (ug/L)	106-SS (bg)	8.2	28	n/a	n/a	57.14	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Barium Total (ug/L)	106-SS (bg)	174.8	27	11.93	0.4997	0	None	sqrt(x)	0.0001721	Param Intra 1 of 2
Cadmium Total (ug/L)	106-SS (bg)	0.2	22	n/a	n/a	100	n/a	n/a	0.007401	NP Intra (NDs) 1 of 2
Calcium Total (ug/L)	106-SS (bg)	113198	26	11.45	0.0699	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Chemical Oxygen Demand [COD] (mg/L)	106-SS (bg)	66	28	n/a	n/a	85.71	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Chloride (mg/L)	106-SS (bg)	17	28	n/a	n/a	0	n/a	n/a	0.004669	NP Intra 1 of 2
Chromium Total (ug/L)	106-SS (bg)	7.2	28	n/a	n/a	92.86	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Copper Total (ug/L)	106-SS (bg)	5	25	n/a	n/a	96	n/a	n/a	0.005656	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	106-SS (bg)	2.355	26	3.825	0.6618	0	None	x^2	0.0001721	Param Intra 1 of 2
Hardness Total (mg/L)	106-SS (bg)	506.2	26	7.509	0.1772	0	None	x^(1/3)	0.0001721	Param Intra 1 of 2
Iron Total (ug/L)	106-SS (bg)	1221	25	5.581	0.5828	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Magnesium Total (ug/L)	106-SS (bg)	53534	27	10.7	0.07275	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Manganese Total (ug/L)	106-SS (bg)	38.63	13	3.802	0.7655	0	None	sqrt(x)	0.0001721	Param Intra 1 of 2
Nickel Total (ug/L)	106-SS (bg)	13.9	25	n/a	n/a	96	n/a	n/a	0.005656	NP Intra (NDs) 1 of 2
Nitrate/Nitrite (mg/L)	106-SS (bg)	0.54	28	n/a	n/a	89.29	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Phosphorus Total (mg/L)	106-SS (bg)	0.38	28	n/a	n/a	60.71	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Sodium Total (ug/L)	106-SS (bg)	16601	24	1.7e8	4.1e7	0	None	x^2	0.0001721	Param Intra 1 of 2
Specific Conductance [Field] (umhos/cm)	106-SS (bg)	977.4	13	6.665	0.06985	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	106-SS (bg)	66	28	n/a	n/a	0	n/a	n/a	0.004669	NP Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	106-SS (bg)	558.9	13	6.097	0.07251	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Total Organic Carbon [TOC] (mg/L)	106-SS (bg)	9.8	28	n/a	n/a	67.86	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Zinc Total (ug/L)	106-SS (bg)	40	28	n/a	n/a	89.29	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 1:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH [Field] (su)	106-SS (bg)	8.333	6.35	28	1.984	0.05284	0	None	ln(x)	0.0001721	Param Intra 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 2:30 PM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Ammonia as N (mg/L)	109-SS (bg)	0.31	28	n/a	n/a	82.14	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Antimony Total (ug/L)	109-SS (bg)	1760	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Arsenic Total (ug/L)	109-SS (bg)	5830	28	n/a	n/a	85.71	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Barium Total (ug/L)	109-SS (bg)	83.23	13	4.172	0.07923	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Boron Total (ug/L)	109-SS (bg)	330	28	n/a	n/a	0	n/a	n/a	0.004669	NP Intra 1 of 2
Cadmium Total (ug/L)	109-SS (bg)	4.62	28	n/a	n/a	92.86	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Calcium Total (ug/L)	109-SS (bg)	96039	27	5.2e19	1.3e19	0	None	x^4	0.0001721	Param Intra 1 of 2
Chemical Oxygen Demand [COD] (mg/L)	109-SS (bg)	18	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Chloride (mg/L)	109-SS (bg)	6.256	22	1.439	0.1465	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Chromium Total (ug/L)	109-SS (bg)	13.7	28	n/a	n/a	78.57	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Copper Total (ug/L)	109-SS (bg)	30.6	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	109-SS (bg)	2.475	22	4.208	0.7124	0	None	x^2	0.0001721	Param Intra 1 of 2
Hardness Total (mg/L)	109-SS (bg)	470.1	26	5.9e15	1.9e15	0	None	x^6	0.0001721	Param Intra 1 of 2
Iron Total (ug/L)	109-SS (bg)	4316	13	5.314	0.9691	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Lead Total (ug/L)	109-SS (bg)	3370	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Magnesium Total (ug/L)	109-SS (bg)	60782	8	6.4e18	1.8e18	0	None	x^4	0.0001721	Param Intra 1 of 2
Manganese Total (ug/L)	109-SS (bg)	72.47	13	2.246	0.646	23.08	Kaplan-Meier	ln(x)	0.0001721	Param Intra 1 of 2
Nickel Total (ug/L)	109-SS (bg)	12.6	27	n/a	n/a	92.59	n/a	n/a	0.004998	NP Intra (NDs) 1 of 2
Nitrate/Nitrite (mg/L)	109-SS (bg)	0.11	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Phosphorus Total (mg/L)	109-SS (bg)	0.086	27	n/a	n/a	59.26	n/a	n/a	0.004998	NP Intra (NDs) 1 of 2
Selenium Total (ug/L)	109-SS (bg)	39	28	n/a	n/a	75	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Sodium Total (ug/L)	109-SS (bg)	57914	13	10.13	0.2654	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Specific Conductance [Field] (umhos/cm)	109-SS (bg)	1260	13	n/a	n/a	0	n/a	n/a	0.01929	NP Intra (normality) 1 of 2
Sulfate as SO4 (mg/L)	109-SS (bg)	85.38	13	3.536	0.2751	0	None	x^(1/3)	0.0001721	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	109-SS (bg)	607.8	13	6.165	0.07752	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Total Organic Carbon [TOC] (mg/L)	109-SS (bg)	5.6	28	n/a	n/a	64.29	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Zinc Total (ug/L)	109-SS (bg)	34.74	8	399336	257318	12.5	None	x^4	0.0001721	Param Intra 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 2:30 PM

Constituent	Well	Upper Lim.	Lower Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH [Field] (su)	109-SS (bg)	8.021	6.262	27	2838	502.7	0	None	x^4	0.0001721	Param Intra 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 5:00 PM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Ammonia as N (mg/L)	110-SS (bg)	0.4226	24	0.0272	0.01828	8.333	None	x^3	0.0001721	Param Intra 1 of 2
Arsenic Total (ug/L)	110-SS (bg)	5.25	28	n/a	n/a	89.29	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Barium Total (ug/L)	110-SS (bg)	297.4	9	9217393	4467389	0	None	x^3	0.0001721	Param Intra 1 of 2
Boron Total (ug/L)	110-SS (bg)	295.9	24	5.504	0.07033	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Calcium Total (ug/L)	110-SS (bg)	258061	21	8.9e15	3.1e15	0	None	x^3	0.0001721	Param Intra 1 of 2
Chemical Oxygen Demand [COD] (mg/L)	110-SS (bg)	82.23	9	2208	1190	0	None	x^2	0.0001721	Param Intra 1 of 2
Chloride (mg/L)	110-SS (bg)	263.1	27	173.7	34.55	0	None	No	0.0001721	Param Intra 1 of 2
Chromium Total (ug/L)	110-SS (bg)	37.5	28	n/a	n/a	92.86	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Cobalt Total (ug/L)	110-SS (bg)	8.4	25	n/a	n/a	96	n/a	n/a	0.005656	NP Intra (NDs) 1 of 2
Copper Total (ug/L)	110-SS (bg)	41	28	n/a	n/a	60.71	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	110-SS (bg)	0.8562	19	-0.8783	0.2599	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Hardness Total (mg/L)	110-SS (bg)	1031	20	5.1e11	2.3e11	0	None	x^4	0.0001721	Param Intra 1 of 2
Iron Total (ug/L)	110-SS (bg)	10853	10	5406	1536	0	None	No	0.0001721	Param Intra 1 of 2
Magnesium Total (ug/L)	110-SS (bg)	99872	17	11.28	0.07957	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Manganese Total (ug/L)	110-SS (bg)	198	14	n/a	n/a	0	n/a	n/a	0.01715	NP Intra 1 of 2
Nickel Total (ug/L)	110-SS (bg)	55	28	n/a	n/a	35.71	n/a	n/a	0.004669	NP Intra (normality) 1 of 2
pH [Field] (su)	110-SS (bg)	7.692	28	6.81	0.3431	0	None	No	0.0001721	Param Intra 1 of 2
Phosphorus Total (mg/L)	110-SS (bg)	0.5367	27	-1.732	0.4291	3.704	None	ln(x)	0.0001721	Param Intra 1 of 2
Selenium Total (ug/L)	110-SS (bg)	5	25	n/a	n/a	100	n/a	n/a	0.005656	NP Intra (NDs) 1 of 2
Sodium Total (ug/L)	110-SS (bg)	119420	27	80481	15051	0	None	No	0.0001721	Param Intra 1 of 2
Specific Conductance [Field] (umhos/cm)	110-SS (bg)	2126	26	4.0e19	2.0e19	0	None	x^6	0.0001721	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	110-SS (bg)	99.82	27	79.04	8.03	0	None	No	0.0001721	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	110-SS (bg)	1387	12	1.4e9	3.9e8	0	None	x^3	0.0001721	Param Intra 1 of 2
Total Organic Carbon [TOC] (mg/L)	110-SS (bg)	40.53	12	2.429	0.3936	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Zinc Total (ug/L)	110-SS (bg)	87	28	n/a	n/a	71.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/19/2010, 5:01 PM

Constituent	Well	Upper Lim.	Lower Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH [Field] (su)	110-SS (bg)	7.692	5.928	28	6.81	0.3431	0	None	No	0.0001721	Param Intra 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/22/2010, 11:18 AM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Ammonia as N (mg/L)	115-SS (bg)	0.34	28	n/a	n/a	64.29	n/a	n/a	0.03448	NP Intra (NDs)
Arsenic Total (ug/L)	115-SS (bg)	19	28	n/a	n/a	60.71	n/a	n/a	0.03448	NP Intra (NDs)
Barium Total (ug/L)	115-SS (bg)	360	14	n/a	n/a	0	n/a	n/a	0.06667	NP Intra (normality)
Boron Total (ug/L)	115-SS (bg)	360	14	n/a	n/a	78.57	n/a	n/a	0.06667	NP Intra
Calcium Total (ug/L)	115-SS (bg)	220000	16	n/a	n/a	0	n/a	n/a	0.05882	NP Intra (normality)
Chemical Oxygen Demand [COD] (mg/L)	115-SS (bg)	77	15	n/a	n/a	73.33	n/a	n/a	0.01501	NP Intra 1 of 2
Chloride (mg/L)	115-SS (bg)	530	18	n/a	n/a	0	n/a	n/a	0.05263	NP Intra
Chromium Total (ug/L)	115-SS (bg)	5.5	28	n/a	n/a	96.43	n/a	n/a	0.03448	NP Intra (NDs)
Cobalt Total (ug/L)	115-SS (bg)	62	28	n/a	n/a	46.43	n/a	n/a	0.03448	NP Intra
Copper Total (ug/L)	115-SS (bg)	21	28	n/a	n/a	78.57	n/a	n/a	0.03448	NP Intra (NDs)
Fluoride (mg/L)	115-SS (bg)	2.327	24	0.9573	0.1392	0	None	x^(1/3)	0.0001721	Param Intra 1 of 2
Hardness Total (mg/L)	115-SS (bg)	1100	28	n/a	n/a	0	n/a	n/a	0.03448	NP Intra
Iron Total (ug/L)	115-SS (bg)	7200	11	n/a	n/a	0	n/a	n/a	0.08333	NP Intra (normality)
Magnesium Total (ug/L)	115-SS (bg)	177467	13	11.23	0.2707	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Manganese Total (ug/L)	115-SS (bg)	47	12	n/a	n/a	8.333	n/a	n/a	0.07692	NP Intra (normality)
Nickel Total (ug/L)	115-SS (bg)	74	16	n/a	n/a	75	n/a	n/a	0.05882	NP Intra
Phosphorus Total (mg/L)	115-SS (bg)	1.129	13	-3.386	1.113	23.08	Kaplan-Meier	ln(x)	0.0001721	Param Intra 1 of 2
Selenium Total (ug/L)	115-SS (bg)	19.2	27	n/a	n/a	96.3	n/a	n/a	0.004998	NP Intra (NDs) 1 of 2
Selenium Total (ug/L)	205-SS (bg)	5	27	n/a	n/a	100	n/a	n/a	0.03571	NP Intra (NDs)
Silver Total (ug/L)	115-SS (bg)	5.94	28	n/a	n/a	96.43	n/a	n/a	0.03448	NP Intra (NDs)
Sodium Total (ug/L)	115-SS (bg)	62000	12	n/a	n/a	0	n/a	n/a	0.02143	NP Intra (normality) 1 of 2
Specific Conductance [Field] (umhos/cm)	115-SS (bg)	2680	28	n/a	n/a	0	n/a	n/a	0.03448	NP Intra
Sulfate as SO4 (mg/L)	115-SS (bg)	52.73	15	2.731	0.3406	0	None	x^(1/3)	0.0001721	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	115-SS (bg)	1500	28	n/a	n/a	0	n/a	n/a	0.03448	NP Intra
Total Organic Carbon [TOC] (mg/L)	115-SS (bg)	13	6	n/a	n/a	50	n/a	n/a	0.06667	NP Intra (normality) 1 of 2
Zinc Total (ug/L)	115-SS (bg)	68	28	n/a	n/a	82.14	n/a	n/a	0.03448	NP Intra (NDs)

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/22/2010, 11:18 AM

Constituent	Well	Upper Lim.	Lower Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH [Field] (su)	115-SS (bg)	7.901	5.884	28	1.92	0.05729	0	None	ln(x)	0.0001721	Param Intra 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/22/2010, 11:32 AM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Ammonia as N (mg/L)	201A-SS (bg)	0.32	28	n/a	n/a	85.71	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Arsenic Total (ug/L)	201A-SS (bg)	6.5	28	n/a	n/a	82.14	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Barium Total (ug/L)	201A-SS (bg)	157.3	27	4.681	0.146	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Cadmium Total (ug/L)	201A-SS (bg)	0.2	22	n/a	n/a	100	n/a	n/a	0.007401	NP Intra (NDs) 1 of 2
Calcium Total (ug/L)	201A-SS (bg)	101955	22	85186	6232	0	None	No	0.0001721	Param Intra 1 of 2
Chemical Oxygen Demand [COD] (mg/L)	201A-SS (bg)	27.4	28	n/a	n/a	92.86	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Chloride (mg/L)	201A-SS (bg)	4	24	n/a	n/a	50	n/a	n/a	0.006238	NP Intra (normality) 1 of 2
Chromium Total (ug/L)	201A-SS (bg)	5.94	28	n/a	n/a	92.86	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Copper Total (ug/L)	201A-SS (bg)	5.3	25	n/a	n/a	96	n/a	n/a	0.005656	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	201A-SS (bg)	0.6268	26	0.2513	0.05442	0	None	x^2	0.0001721	Param Intra 1 of 2
Hardness Total (mg/L)	201A-SS (bg)	502.9	19	5.954	0.09563	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Iron Total (ug/L)	201A-SS (bg)	4193	25	5.776	0.9796	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Lead Total (ug/L)	201A-SS (bg)	8	27	n/a	n/a	92.59	n/a	n/a	0.004998	NP Intra (NDs) 1 of 2
Magnesium Total (ug/L)	201A-SS (bg)	50175	13	10.57	0.08112	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Manganese Total (ug/L)	201A-SS (bg)	1077	25	4.801	0.8331	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Mercury Total (ug/L)	201A-SS (bg)	0.35	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Nickel Total (ug/L)	201A-SS (bg)	11	25	n/a	n/a	96	n/a	n/a	0.005656	NP Intra (NDs) 1 of 2
Nitrate/Nitrite (mg/L)	201A-SS (bg)	0.33	28	n/a	n/a	64.29	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Phosphorus Total (mg/L)	201A-SS (bg)	0.37	28	n/a	n/a	57.14	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Sodium Total (ug/L)	201A-SS (bg)	38479	22	2.5e13	1.2e13	0	None	x^3	0.0001721	Param Intra 1 of 2
Specific Conductance [Field] (umhos/cm)	201A-SS (bg)	1010	27	802.6	80.06	0	None	No	0.0001721	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	201A-SS (bg)	78	13	n/a	n/a	0	n/a	n/a	0.01929	NP Intra (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	201A-SS (bg)	562.8	13	6.149	0.05826	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Total Organic Carbon [TOC] (mg/L)	201A-SS (bg)	2.8	28	n/a	n/a	64.29	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Zinc Total (ug/L)	201A-SS (bg)	184	28	n/a	n/a	85.71	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/22/2010, 11:32 AM

Constituent	Well	Upper Lim.	Lower Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH [Field] (su)	201A-SS (bg)	8.139	5.484	13	158925	41773	0	None	x^6	0.0001721	Param Intra 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/22/2010, 11:52 AM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Ammonia as N (mg/L)	205-SS (bg)	0.335	28	n/a	n/a	85.71	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Arsenic Total (ug/L)	205-SS (bg)	5.25	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Barium Total (ug/L)	205-SS (bg)	183	28	n/a	n/a	0	n/a	n/a	0.004669	NP Intra 1 of 2
Boron Total (ug/L)	205-SS (bg)	282	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Cadmium Total (ug/L)	205-SS (bg)	5.83	28	n/a	n/a	85.71	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Calcium Total (ug/L)	205-SS (bg)	102000	13	n/a	n/a	0	n/a	n/a	0.01929	NP Intra 1 of 2
Chemical Oxygen Demand [COD] (mg/L)	205-SS (bg)	52	28	n/a	n/a	89.29	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Chloride (mg/L)	205-SS (bg)	57.48	13	3.273	0.2469	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Chromium Total (ug/L)	205-SS (bg)	52	28	n/a	n/a	82.14	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Cobalt Total (ug/L)	205-SS (bg)	8.4	27	n/a	n/a	96.3	n/a	n/a	0.004998	NP Intra (NDs) 1 of 2
Copper Total (ug/L)	205-SS (bg)	30	28	n/a	n/a	92.86	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	205-SS (bg)	0.6007	26	0.6585	0.04477	0	None	sqrt(x)	0.0001721	Param Intra 1 of 2
Hardness Total (mg/L)	205-SS (bg)	513.9	28	8.4e15	3.9e15	0	None	x^6	0.0001721	Param Intra 1 of 2
Iron Total (ug/L)	205-SS (bg)	2837	27	9.109	1.951	0	None	x^(1/3)	0.0001721	Param Intra 1 of 2
Lead Total (ug/L)	205-SS (bg)	88.6	28	n/a	n/a	85.71	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Magnesium Total (ug/L)	205-SS (bg)	83590	7	10.83	0.106	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Manganese Total (ug/L)	205-SS (bg)	22.2	24	n/a	n/a	29.17	n/a	n/a	0.006238	NP Intra 1 of 2
Nickel Total (ug/L)	205-SS (bg)	32.2	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Nitrate/Nitrite (mg/L)	205-SS (bg)	0.138	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Phosphorus Total (mg/L)	205-SS (bg)	0.112	28	n/a	n/a	57.14	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Sodium Total (ug/L)	205-SS (bg)	55500	28	n/a	n/a	0	n/a	n/a	0.004669	NP Intra 1 of 2
Specific Conductance [Field] (umhos/cm)	205-SS (bg)	1270	28	n/a	n/a	0	n/a	n/a	0.004669	NP Intra 1 of 2
Sulfate as SO4 (mg/L)	205-SS (bg)	87.72	13	3.682	0.2415	0	None	x^(1/3)	0.0001721	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	205-SS (bg)	592.3	13	6.226	0.05015	0	None	ln(x)	0.0001721	Param Intra 1 of 2
Total Organic Carbon [TOC] (mg/L)	205-SS (bg)	10	28	n/a	n/a	53.57	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Zinc Total (ug/L)	205-SS (bg)	102	28	n/a	n/a	75	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/22/2010, 11:52 AM

Constituent	Well	Upper Lim.	Lower Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH [Field] (su)	205-SS (bg)	7.8	6.58	28	n/a	n/a	0	n/a	n/a	0.004669	NP Intra

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/12/2010, 3:11 PM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Ammonia as N (mg/L)	100-SD (bg)	0.5754	25	0.09525	0.03986	0	None	x^3	0.0003873	Param Intra 1 of 2
Arsenic Total (ug/L)	100-SD (bg)	14.7	28	n/a	n/a	85.71	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Barium Total (ug/L)	100-SD (bg)	330.7	28	6.9e9	2.2e9	0	None	x^4	0.0003873	Param Intra 1 of 2
Beryllium Total (ug/L)	100-SD (bg)	2.2	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Cadmium Total (ug/L)	100-SD (bg)	0.2	22	n/a	n/a	100	n/a	n/a	0.007401	NP Intra (NDs) 1 of 2
Calcium Total (ug/L)	100-SD (bg)	89136	28	11.25	0.06247	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Chemical Oxygen Demand [COD] (mg/L)	100-SD (bg)	37	28	n/a	n/a	89.29	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Chloride (mg/L)	100-SD (bg)	3	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Chromium Total (ug/L)	100-SD (bg)	13.2	28	n/a	n/a	85.71	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	100-SD (bg)	2.351	26	4.134	0.5869	0	None	x^2	0.0003873	Param Intra 1 of 2
Hardness Total (mg/L)	100-SD (bg)	381.3	27	5.824	0.05062	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Iron Total (ug/L)	100-SD (bg)	3330	28	1765	665.3	0	None	No	0.0003873	Param Intra 1 of 2
Magnesium Total (ug/L)	100-SD (bg)	40276	28	10.48	0.05197	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Manganese Total (ug/L)	100-SD (bg)	151.4	15	4.634	0.1435	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Phosphorus Total (mg/L)	100-SD (bg)	0.94	28	n/a	n/a	50	n/a	n/a	0.004669	NP Intra (normality) 1 of 2
Sodium Total (ug/L)	100-SD (bg)	12231	12	9.061	0.1214	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Specific Conductance [Field] (umhos/cm)	100-SD (bg)	712	27	1.1e14	3.2e13	0	None	x^5	0.0003873	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	100-SD (bg)	15.94	28	2.338	0.1831	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	100-SD (bg)	369.3	18	331.1	14.91	0	None	No	0.0003873	Param Intra 1 of 2
Total Organic Carbon [TOC] (mg/L)	100-SD (bg)	3.738	28	1.209	0.3079	39.29	Kaplan-Meier	sqrt(x)	0.0003873	Param Intra 1 of 2 Deseas
Zinc Total (ug/L)	100-SD (bg)	116	28	n/a	n/a	75	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/12/2010, 3:11 PM

Constituent	Well	Upper Lim.	Lower Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH [Field] (su)	100-SD (bg)	8.434	6.578	28	2.008	0.05284	0	None	ln(x)	0.0003873	Param Intra 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/12/2010, 3:57 PM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Ammonia as N (mg/L)	104-SD (bg)	0.49	27	n/a	n/a	40.74	n/a	n/a	0.004998	NP Intra (normality) 1 of 2
Barium Total (ug/L)	104-SD (bg)	248.9	13	5.016	0.1773	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Boron Total (ug/L)	104-SD (bg)	260	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Calcium Total (ug/L)	104-SD (bg)	125336	27	1.8e25	5.7e24	0	None	x^5	0.0003873	Param Intra 1 of 2
Chemical Oxygen Demand [COD] (mg/L)	104-SD (bg)	28	28	n/a	n/a	85.71	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Chloride (mg/L)	104-SD (bg)	110	25	n/a	n/a	0	n/a	n/a	0.005656	NP Intra 1 of 2
Chromium Total (ug/L)	104-SD (bg)	6	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	104-SD (bg)	1.261	26	-0.1204	0.1483	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Hardness Total (mg/L)	104-SD (bg)	539.2	27	2.9e13	7.2e12	0	None	x^5	0.0003873	Param Intra 1 of 2
Iron Total (ug/L)	104-SD (bg)	4386	11	5.895	0.8268	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Magnesium Total (ug/L)	104-SD (bg)	57754	22	10.82	0.05861	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Manganese Total (ug/L)	104-SD (bg)	155.2	28	4.529	0.2195	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Nickel Total (ug/L)	104-SD (bg)	10	25	n/a	n/a	96	n/a	n/a	0.005656	NP Intra (NDs) 1 of 2
Nitrate/Nitrite (mg/L)	104-SD (bg)	0.11	27	n/a	n/a	96.3	n/a	n/a	0.004998	NP Intra (NDs) 1 of 2
Phosphorus Total (mg/L)	104-SD (bg)	0.268	28	n/a	n/a	57.14	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Sodium Total (ug/L)	104-SD (bg)	32906	10	10	0.1276	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Specific Conductance [Field] (umhos/cm)	104-SD (bg)	1264	13	1.0e9	3.6e8	0	None	x^3	0.0003873	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	104-SD (bg)	100	28	n/a	n/a	0	n/a	n/a	0.004669	NP Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	104-SD (bg)	716.8	28	8.332	0.2626	0	None	x^(1/3)	0.0003873	Param Intra 1 of 2
Total Organic Carbon [TOC] (mg/L)	104-SD (bg)	7.4	28	n/a	n/a	71.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Zinc Total (ug/L)	104-SD (bg)	95.5	28	n/a	n/a	75	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/12/2010, 3:59 PM

Constituent	Well	Upper Lim.	Lower Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH [Field] (su)	104-SD (bg)	8.2	6.495	28	7.348	0.3625	0	None	No	0.0003873	Param Intra 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 2:17 PM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Ammonia as N (mg/L)	106-SD (bg)	1.4	28	n/a	n/a	57.14	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Arsenic Total (ug/L)	106-SD (bg)	7.7	28	n/a	n/a	75	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Barium Total (ug/L)	106-SD (bg)	150	21	n/a	n/a	0	n/a	n/a	0.007982	NP Intra 1 of 2
Boron Total (ug/L)	106-SD (bg)	120	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Calcium Total (ug/L)	106-SD (bg)	135465	28	11.55	0.1119	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Chemical Oxygen Demand [COD] (mg/L)	106-SD (bg)	92	28	n/a	n/a	89.29	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Chloride (mg/L)	106-SD (bg)	18	8	n/a	n/a	0	n/a	n/a	0.04242	NP Intra (normality) 1 of 2
Chromium Total (ug/L)	106-SD (bg)	9.02	28	n/a	n/a	92.86	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Copper Total (ug/L)	106-SD (bg)	9.4	25	n/a	n/a	96	n/a	n/a	0.005656	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	106-SD (bg)	1.386	21	1.031	0.03392	0	None	x^(1/3)	0.0003873	Param Intra 1 of 2
Hardness Total (mg/L)	106-SD (bg)	584.1	27	6.139	0.09755	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Iron Total (ug/L)	106-SD (bg)	3530	28	1493	866.6	0	None	No	0.0003873	Param Intra 1 of 2
Magnesium Total (ug/L)	106-SD (bg)	62000	28	n/a	n/a	0	n/a	n/a	0.004669	NP Intra 1 of 2
Manganese Total (ug/L)	106-SD (bg)	652.4	28	5.382	1.399	0	None	x^(1/3)	0.0003873	Param Intra 1 of 2
Nitrate/Nitrite (mg/L)	106-SD (bg)	0.3	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Phosphorus Total (mg/L)	106-SD (bg)	0.1667	28	0.07461	0.03916	21.43	Kaplan-Meier	No	0.0003873	Param Intra 1 of 2
Sodium Total (ug/L)	106-SD (bg)	37000	9	n/a	n/a	0	n/a	n/a	0.03586	NP Intra (normality) 1 of 2
Specific Conductance [Field] (umhos/cm)	106-SD (bg)	1128	27	913	90.99	0	None	No	0.0003873	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	106-SD (bg)	110	11	n/a	n/a	0	n/a	n/a	0.02537	NP Intra (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	106-SD (bg)	662.4	21	285877	61846	0	None	x^2	0.0003873	Param Intra 1 of 2
Total Organic Carbon [TOC] (mg/L)	106-SD (bg)	26	28	n/a	n/a	50	n/a	n/a	0.004669	NP Intra (normality) 1 of 2
Zinc Total (ug/L)	106-SD (bg)	77	28	n/a	n/a	75	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 2:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH [Field] (su)	106-SD (bg)	7.989	6.509	28	1.933	0.02806	0	None	x^(1/3)	0.0003873	Param Intra 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 3:00 PM

Constituent	Well	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Ammonia as N (mg/L)	111-SD (bg)	0.16	28	n/a	n/a	78.57	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Barium Total (ug/L)	111-SD (bg)	128.9	12	4.538	0.1113	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Boron Total (ug/L)	111-SD (bg)	100	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Calcium Total (ug/L)	111-SD (bg)	102190	27	6.2e24	2.1e24	0	None	x^5	0.0003873	Param Intra 1 of 2
Chemical Oxygen Demand [COD] (mg/L)	111-SD (bg)	63	28	n/a	n/a	92.86	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Chloride (mg/L)	111-SD (bg)	14	9	n/a	n/a	0	n/a	n/a	0.03586	NP Intra (normality) 1 of 2
Chromium Total (ug/L)	111-SD (bg)	5	28	n/a	n/a	96.43	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Copper Total (ug/L)	111-SD (bg)	7	25	n/a	n/a	92	n/a	n/a	0.005656	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	111-SD (bg)	2.38	25	2.014	0.1531	0	None	No	0.0003873	Param Intra 1 of 2
Hardness Total (mg/L)	111-SD (bg)	499.6	26	4.1e10	8.9e9	0	None	x^4	0.0003873	Param Intra 1 of 2
Iron Total (ug/L)	111-SD (bg)	2200	28	n/a	n/a	0	n/a	n/a	0.004669	NP Intra 1 of 2
Magnesium Total (ug/L)	111-SD (bg)	60785	27	54144	2809	0	None	No	0.0003873	Param Intra 1 of 2
Manganese Total (ug/L)	111-SD (bg)	10	12	n/a	n/a	66.67	n/a	n/a	0.02143	NP Intra (NDs) 1 of 2
Nitrate/Nitrite (mg/L)	111-SD (bg)	0.2	27	n/a	n/a	96.3	n/a	n/a	0.004998	NP Intra (NDs) 1 of 2
Phosphorus Total (mg/L)	111-SD (bg)	0.37	28	n/a	n/a	60.71	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Sodium Total (ug/L)	111-SD (bg)	26241	26	9.953	0.0935	0	None	ln(x)	0.0003873	Param Intra 1 of 2
Specific Conductance [Field] (umhos/cm)	111-SD (bg)	1017	27	6.6e8	1.7e8	0	None	x^3	0.0003873	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	111-SD (bg)	54.23	11	1.5e10	3.6e9	0	None	x^6	0.0003873	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	111-SD (bg)	517.2	19	2.3e13	5.4e12	0	None	x^5	0.0003873	Param Intra 1 of 2
Total Organic Carbon [TOC] (mg/L)	111-SD (bg)	6	28	n/a	n/a	53.57	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2
Zinc Total (ug/L)	111-SD (bg)	103	28	n/a	n/a	78.57	n/a	n/a	0.004669	NP Intra (NDs) 1 of 2

Prediction Limit

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE Printed 11/18/2010, 3:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH [Field] (su)	111-SD (bg)	8.252	6.434	27	1.986	0.05264	0	None	ln(x)	0.0003873	Param Intra 1 of 2

Appendix I
Summary of Groundwater Detection Monitoring Limits

PZ-114-AS

Constituent	Source of Limit	Limit
Inorganic Constituents		
Ammonia as Nitrogen (mg/L)	Non-Parametric Prediction Limit (Normality)	8.2
Antimony, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Arsenic, Total (ug/L)	Non-Parametric Prediction Limit (Autocorrelation)	130
Barium, Total (ug/L)	Parametric Prediction Limit	1135
Beryllium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Boron, Total (ug/L)	Non-Parametric Prediction Limit (Normality)	530
Cadmium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	5.94
Calcium, Total (ug/L)	Parametric Prediction Limit	328621
Chemical Oxygen Demand (COD) (mg/L)	Parametric Prediction Limit (w/ Kaplan Meier)	176.8
Chloride (mg/L)	Parametric Prediction Limit	578.4
Chromium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	5.4
Cobalt, Total (ug/L)	Parametric Prediction Limit	38.51
Copper, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	108
Fluoride (mg/L)	Parametric Prediction Limit (w/ Kaplan Meier)	0.4406
Hardness, Total (mg/L)	Parametric Prediction Limit	1234
Iron, Total (ug/L)	Parametric Prediction Limit	506560
Lead, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	8.7
Magnesium, Total (ug/L)	Parametric Prediction Limit	106196
Manganese, Total (ug/L)	Parametric Prediction Limit	9335
Mercury, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Nickel, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	84
Nitrate/Nitrite (mg/L)	Non-Parametric Prediction Limit (%ND)	0.57
pH (Field) (su)	Parametric Prediction Interval	5.928 - 7.273
Phosphorus, Total (mg/L)	Parametric Prediction Interval	1.736
Selenium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Silver, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Sodium, Total (ug/L)	Parametric Prediction Limit	279568
Specific Conductance (Field) (umhos/cm)	Parametric Prediction Limit	3340
Sulfate (mg/L)	Non-Parametric Prediction Limit (%ND)	26
Thallium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Total Dissolved Solids (TDS) (mg/L)	Parametric Prediction Limit	1962
Total Organic Carbon (TOC) (mg/L)	Parametric Prediction Limit	37.03
Vanadium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	12
Zinc, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	48
Organic Constituents		
1112-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
111-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
1122-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
112-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
123-Trichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
124-Trichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromo-3-chloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromoethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
14-Dichlorobenzene (ug/L)	Non-Parametric Prediction Limit	18
2-Hexanone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acetone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acrylonitrile (ug/L)	Reporting Limit (Double Quantification Rule)	100
Benzene (ug/L)	Non-Parametric Prediction Limit	6.1
Bromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromoform (ug/L)	Reporting Limit (Double Quantification Rule)	5
Carbon Disulfide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Carbon Tetrachloride (ug/L)	Reporting Limit (Double Quantification Rule)	5

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Constituent	Source of Limit	Limit
Chlorobenzene (ug/L)	Non-Parametric Prediction Limit	150
Chloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Chloroform (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Dichlorobromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Ethylbenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Iodomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Methyl Bromide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Ethyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl-iso-butyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methylene Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	5
Styrene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Tetrachloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Toluene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-14-Dichloro-2-butene (ug/L)	Reporting Limit (Double Quantification Rule)	10
Trichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Trichlorofluoromethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Acetate (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	2
Xylenes (Total) (ug/L)	Reporting Limit (Double Quantification Rule)	5

PZ-100-SS

Constituent	Source of Limit	Limit
Inorganic Constituents		
Ammonia as Nitrogen (mg/L)	Non-Parametric Prediction Limit (%ND)	0.8
Antimony, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	771
Arsenic, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	2990
Barium, Total (ug/L)	Parametric Prediction Limit	81.45
Beryllium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Boron, Total (ug/L)	Non-Parametric Prediction Limit (Autocorrelation)	140
Cadmium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	0.2
Calcium, Total (ug/L)	Parametric Prediction Limit	108626
Chemical Oxygen Demand (COD) (mg/L)	Non-Parametric Prediction Limit (%ND)	21
Chloride (mg/L)	Parametric Prediction Limit	13.7
Chromium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	20.7
Cobalt, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Copper, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	19.5
Fluoride (mg/L)	Parametric Prediction Limit	0.9883
Hardness, Total (mg/L)	Parametric Prediction Limit	507.8
Iron, Total (ug/L)	Parametric Prediction Limit (w/ Kaplan Meier)	682.1
Lead, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	2720
Magnesium, Total (ug/L)	Parametric Prediction Limit	57847
Manganese, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	75
Mercury, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Nickel, Total (ug/L)	Parametric Prediction Limit (w/ Kaplan Meier)	34.22
Nitrate/Nitrite (mg/L)	Non-Parametric Prediction Limit (%ND)	0.21
pH (Field) (su)	Parametric Prediction Interval	6.424 - 8.32
Phosphorus, Total (mg/L)	Non-Parametric Prediction Limit (%ND)	0.21
Selenium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Silver, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Sodium, Total (ug/L)	Parametric Prediction Limit	20025
Specific Conductance (Field) (umhos/cm)	Parametric Prediction Limit	1085
Sulfate (mg/L)	Non-Parametric Prediction Limit (Autocorrelation)	71.6
Thallium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	8.8
Total Dissolved Solids (TDS) (mg/L)	Parametric Prediction Limit	596.4
Total Organic Carbon (TOC) (mg/L)	Non-Parametric Prediction Limit (%ND)	2
Vanadium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Zinc, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	227
Organic Constituents		
1112-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
111-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
1122-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
112-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
123-Trichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
124-Trichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromo-3-chloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromoethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
14-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
2-Hexanone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acetone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acrylonitrile (ug/L)	Reporting Limit (Double Quantification Rule)	100
Benzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromoform (ug/L)	Reporting Limit (Double Quantification Rule)	5
Carbon Disulfide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Carbon Tetrachloride (ug/L)	Reporting Limit (Double Quantification Rule)	5

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Constituent	Source of Limit	Limit
Chlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Chloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Chloroform (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Dichlorobromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Ethylbenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Iodomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Methyl Bromide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Ethyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl-iso-butyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methylene Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	5
Styrene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Tetrachloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Toluene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-14-Dichloro-2-butene (ug/L)	Reporting Limit (Double Quantification Rule)	10
Trichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Trichlorofluoromethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Acetate (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	2
Xylenes (Total) (ug/L)	Reporting Limit (Double Quantification Rule)	5

PZ-104-SS

Constituent	Source of Limit	Limit
Inorganic Constituents		
Ammonia as Nitrogen (mg/L)	Non-Parametric Prediction Limit (%ND)	0.38
Antimony, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Arsenic, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	11
Barium, Total (ug/L)	Parametric Prediction Limit	109.7
Beryllium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Boron, Total (ug/L)	Non-Parametric Prediction Limit (Autocorrelation)	160
Cadmium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Calcium, Total (ug/L)	Parametric Prediction Limit	94904
Chemical Oxygen Demand (COD) (mg/L)	Non-Parametric Prediction Limit (%ND)	44
Chloride (mg/L)	Non-Parametric Prediction Limit (%ND)	5
Chromium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	6.6
Cobalt, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Copper, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Fluoride (mg/L)	Parametric Prediction Limit	1.031
Hardness, Total (mg/L)	Parametric Prediction Limit	449.4
Iron, Total (ug/L)	Parametric Prediction Limit	9468
Lead, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	5
Magnesium, Total (ug/L)	Parametric Prediction Limit	56009
Manganese, Total (ug/L)	Parametric Prediction Limit	270.9
Mercury, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	0.3
Nickel, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	23
Nitrate/Nitrite (mg/L)	Non-Parametric Prediction Limit (%ND)	0.102
pH (Field) (su)	Parametric Prediction Interval	6.427 - 8.453
Phosphorus, Total (mg/L)	Non-Parametric Prediction Limit (%ND)	0.46
Selenium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Silver, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Sodium, Total (ug/L)	Parametric Prediction Limit	16155
Specific Conductance (Field) (umhos/cm)	Parametric Prediction Limit	922.2
Sulfate (mg/L)	Parametric Prediction Limit	32.04
Thallium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Total Dissolved Solids (TDS) (mg/L)	Parametric Prediction Limit	477
Total Organic Carbon (TOC) (mg/L)	Non-Parametric Prediction Limit (%ND)	9
Vanadium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Zinc, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	220
Organic Constituents		
1112-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
111-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
1122-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
112-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
123-Trichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
124-Trichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromo-3-chloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromoethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
14-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
2-Hexanone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acetone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acrylonitrile (ug/L)	Reporting Limit (Double Quantification Rule)	100
Benzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromoform (ug/L)	Reporting Limit (Double Quantification Rule)	5
Carbon Disulfide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Carbon Tetrachloride (ug/L)	Reporting Limit (Double Quantification Rule)	5

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Constituent	Source of Limit	Limit
Chlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Chloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Chloroform (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Dichlorobromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Ethylbenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Iodomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Methyl Bromide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Ethyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl-iso-butyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methylene Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	5
Styrene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Tetrachloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Toluene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-14-Dichloro-2-butene (ug/L)	Reporting Limit (Double Quantification Rule)	10
Trichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Trichlorofluoromethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Acetate (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	2
Xylenes (Total) (ug/L)	Reporting Limit (Double Quantification Rule)	5

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Constituent	Source of Limit	Limit
Inorganic Constituents		
Ammonia as Nitrogen (mg/L)	Non-Parametric Prediction Limit (%ND)	0.14
Antimony, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Arsenic, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	3
Barium, Total (ug/L)	Parametric Prediction Limit	180
Beryllium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Boron, Total (ug/L)	Reporting Limit (Double Quantification Rule)	100
Cadmium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	0.3
Calcium, Total (ug/L)	Parametric Prediction Limit	84468
Chemical Oxygen Demand (COD) (mg/L)	Non-Parametric Prediction Limit (%ND)	42
Chloride (mg/L)	Parametric Prediction Limit	23.67
Chromium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	6.4
Cobalt, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Copper, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	5.2
Fluoride (mg/L)	Parametric Prediction Limit	1.106
Hardness, Total (mg/L)	Parametric Prediction Limit	423.4
Iron, Total (ug/L)	Parametric Prediction Limit	17635
Lead, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Magnesium, Total (ug/L)	Parametric Prediction Limit	45551
Manganese, Total (ug/L)	Parametric Prediction Limit	66.89
Mercury, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Nickel, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	10
Nitrate/Nitrite (mg/L)	Non-Parametric Prediction Limit (%ND)	0.12
pH (Field) (su)	Parametric Prediction Interval	6.747 - 8.353
Phosphorus, Total (mg/L)	Non-Parametric Prediction Limit (Autocorrelation)	0.22
Selenium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Silver, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Sodium, Total (ug/L)	Parametric Prediction Limit	78419
Specific Conductance (Field) (umhos/cm)	Parametric Prediction Limit	1049
Sulfate (mg/L)	Parametric Prediction Limit	45.24
Thallium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Total Dissolved Solids (TDS) (mg/L)	Non-Parametric Prediction Limit (Normality)	540
Total Organic Carbon (TOC) (mg/L)	Parametric Prediction Limit	12.25
Vanadium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Zinc, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	42.9
Organic Constituents		
1112-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
111-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
1122-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
112-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
123-Trichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
124-Trichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromo-3-chloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromoethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
14-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
2-Hexanone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acetone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acrylonitrile (ug/L)	Reporting Limit (Double Quantification Rule)	100
Benzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromoform (ug/L)	Reporting Limit (Double Quantification Rule)	5
Carbon Disulfide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Carbon Tetrachloride (ug/L)	Reporting Limit (Double Quantification Rule)	5

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Constituent	Source of Limit	Limit
Chlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Chloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Chloroform (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Dichlorobromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Ethylbenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Iodomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Methyl Bromide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Ethyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl-iso-butyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methylene Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	5
Styrene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Tetrachloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Toluene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-14-Dichloro-2-butene (ug/L)	Reporting Limit (Double Quantification Rule)	10
Trichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Trichlorofluoromethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Acetate (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	2
Xylenes (Total) (ug/L)	Reporting Limit (Double Quantification Rule)	5

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Constituent	Source of Limit	Limit
Inorganic Constituents		
Ammonia as Nitrogen (mg/L)	Non-Parametric Prediction Limit (%ND)	0.8
Antimony, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Arsenic, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	8.2
Barium, Total (ug/L)	Parametric Prediction Limit	174.8
Beryllium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Boron, Total (ug/L)	Reporting Limit (Double Quantification Rule)	100
Cadmium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	0.2
Calcium, Total (ug/L)	Parametric Prediction Limit	113198
Chemical Oxygen Demand (COD) (mg/L)	Non-Parametric Prediction Limit (%ND)	66
Chloride (mg/L)	Non-Parametric Prediction Limit (Autocorrelation)	17
Chromium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	7.2
Cobalt, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Copper, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	5
Fluoride (mg/L)	Parametric Prediction Limit	2.355
Hardness, Total (mg/L)	Parametric Prediction Limit	506.2
Iron, Total (ug/L)	Parametric Prediction Limit	1221
Lead, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Magnesium, Total (ug/L)	Parametric Prediction Limit	53534
Manganese, Total (ug/L)	Parametric Prediction Limit	38.63
Mercury, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Nickel, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	13.9
Nitrate/Nitrite (mg/L)	Non-Parametric Prediction Limit (%ND)	0.54
pH (Field) (su)	Parametric Prediction Limit	6.35 - 8.333
Phosphorus, Total (mg/L)	Non-Parametric Prediction Limit (%ND)	0.38
Selenium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Silver, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Sodium, Total (ug/L)	Parametric Prediction Limit	16601
Specific Conductance (Field) (umhos/cm)	Parametric Prediction Limit	977.4
Sulfate (mg/L)	Non-Parametric Prediction Limit (Autocorrelation)	66
Thallium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Total Dissolved Solids (TDS) (mg/L)	Parametric Prediction Limit	558.9
Total Organic Carbon (TOC) (mg/L)	Non-Parametric Prediction Limit (%ND)	9.8
Vanadium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Zinc, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	40
Organic Constituents		
1112-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
111-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
1122-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
112-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
123-Trichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
124-Trichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromo-3-chloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromoethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
14-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
2-Hexanone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acetone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acrylonitrile (ug/L)	Reporting Limit (Double Quantification Rule)	100
Benzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromoform (ug/L)	Reporting Limit (Double Quantification Rule)	5
Carbon Disulfide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Carbon Tetrachloride (ug/L)	Reporting Limit (Double Quantification Rule)	5

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Constituent	Source of Limit	Limit
Chlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Chloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Chloroform (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Dichlorobromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Ethylbenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Iodomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Methyl Bromide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Ethyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl-iso-butyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methylene Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	5
Styrene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Tetrachloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Toluene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-14-Dichloro-2-butene (ug/L)	Reporting Limit (Double Quantification Rule)	10
Trichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Trichlorofluoromethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Acetate (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	2
Xylenes (Total) (ug/L)	Reporting Limit (Double Quantification Rule)	5

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Constituent	Source of Limit	Limit
Inorganic Constituents		
Ammonia as Nitrogen (mg/L)	Non-Parametric Prediction Limit (%ND)	0.31
Antimony, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	1760
Arsenic, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	5830
Barium, Total (ug/L)	Parametric Prediction Limit	83.23
Beryllium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Boron, Total (ug/L)	Non-Parametric Prediction Limit (Autocorrelation)	330
Cadmium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	4.62
Calcium, Total (ug/L)	Parametric Prediction Limit	96039
Chemical Oxygen Demand (COD) (mg/L)	Non-Parametric Prediction Limit (%ND)	18
Chloride (mg/L)	Parametric Prediction Limit	6.256
Chromium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	13.7
Cobalt, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Copper, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	30.6
Fluoride (mg/L)	Parametric Prediction Limit	2.475
Hardness, Total (mg/L)	Parametric Prediction Limit	470.1
Iron, Total (ug/L)	Parametric Prediction Limit	4316
Lead, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	3370
Magnesium, Total (ug/L)	Parametric Prediction Limit	60782
Manganese, Total (ug/L)	Parametric Prediction Limit (w/ Kaplan Meier)	72.47
Mercury, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Nickel, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	12.6
Nitrate/Nitrite (mg/L)	Non-Parametric Prediction Limit (%ND)	0.11
pH (Field) (su)	Parametric Prediction Interval	6.262 - 8.021
Phosphorus, Total (mg/L)	Non-Parametric Prediction Limit (%ND)	0.086
Selenium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	39
Silver, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Sodium, Total (ug/L)	Parametric Prediction Limit	57914
Specific Conductance (Field) (umhos/cm)	Non-Parametric Prediction Limit (Normality)	1260
Sulfate (mg/L)	Parametric Prediction Limit	85.38
Thallium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Total Dissolved Solids (TDS) (mg/L)	Parametric Prediction Limit	607.8
Total Organic Carbon (TOC) (mg/L)	Non-Parametric Prediction Limit (%ND)	5.6
Vanadium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Zinc, Total (ug/L)	Parametric Prediction Limit	34.74
Organic Constituents		
1112-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
111-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
1122-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
112-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
123-Trichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
124-Trichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromo-3-chloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromoethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
14-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
2-Hexanone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acetone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acrylonitrile (ug/L)	Reporting Limit (Double Quantification Rule)	100
Benzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromoform (ug/L)	Reporting Limit (Double Quantification Rule)	5
Carbon Disulfide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Carbon Tetrachloride (ug/L)	Reporting Limit (Double Quantification Rule)	5

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Constituent	Source of Limit	Limit
Chlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Chloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Chloroform (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Dichlorobromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Ethylbenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Iodomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Methyl Bromide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Ethyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl-iso-butyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methylene Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	5
Styrene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Tetrachloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Toluene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-14-Dichloro-2-butene (ug/L)	Reporting Limit (Double Quantification Rule)	10
Trichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Trichlorofluoromethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Acetate (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	2
Xylenes (Total) (ug/L)	Reporting Limit (Double Quantification Rule)	5

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Constituent	Source of Limit	Limit
Inorganic Constituents		
Ammonia as Nitrogen (mg/L)	Parametric Prediction Limit	0.4226
Antimony, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Arsenic, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	5.25
Barium, Total (ug/L)	Parametric Prediction Limit	297.4
Beryllium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Boron, Total (ug/L)	Parametric Prediction Limit	295.9
Cadmium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Calcium, Total (ug/L)	Parametric Prediction Limit	258061
Chemical Oxygen Demand (COD) (mg/L)	Parametric Prediction Limit	82.23
Chloride (mg/L)	Parametric Prediction Limit	263.1
Chromium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	37.5
Cobalt, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	8.4
Copper, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	41
Fluoride (mg/L)	Parametric Prediction Limit	0.8562
Hardness, Total (mg/L)	Parametric Prediction Limit	1031
Iron, Total (ug/L)	Parametric Prediction Limit	10853
Lead, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Magnesium, Total (ug/L)	Parametric Prediction Limit	99872
Manganese, Total (ug/L)	Non-Parametric Prediction Limit (Autocorrelation)	198
Mercury, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Nickel, Total (ug/L)	Non-Parametric Prediction Limit (Normality)	55
Nitrate/Nitrite (mg/L)	Reporting Limit (Double Quantification Rule)	0.1
pH (Field) (su)	Parametric Prediction Interval	5.928 - 7.692
Phosphorus, Total (mg/L)	Parametric Prediction Limit	0.5367
Selenium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	5
Silver, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Sodium, Total (ug/L)	Parametric Prediction Limit	119420
Specific Conductance (Field) (umhos/cm)	Parametric Prediction Limit	2126
Sulfate (mg/L)	Parametric Prediction Limit	99.82
Thallium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Total Dissolved Solids (TDS) (mg/L)	Parametric Prediction Limit	1387
Total Organic Carbon (TOC) (mg/L)	Parametric Prediction Limit	40.53
Vanadium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Zinc, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	87
Organic Constituents		
1112-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
111-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
1122-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
112-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
123-Trichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
124-Trichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromo-3-chloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromoethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
14-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
2-Hexanone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acetone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acrylonitrile (ug/L)	Reporting Limit (Double Quantification Rule)	100
Benzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromoform (ug/L)	Reporting Limit (Double Quantification Rule)	5
Carbon Disulfide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Carbon Tetrachloride (ug/L)	Reporting Limit (Double Quantification Rule)	5

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Constituent	Source of Limit	Limit
Chlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Chloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Chloroform (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Dichlorobromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Ethylbenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Iodomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Methyl Bromide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Ethyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl-iso-butyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methylene Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	5
Styrene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Tetrachloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Toluene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-14-Dichloro-2-butene (ug/L)	Reporting Limit (Double Quantification Rule)	10
Trichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Trichlorofluoromethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Acetate (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	2
Xylenes (Total) (ug/L)	Reporting Limit (Double Quantification Rule)	5

PZ-115-SS

Constituent	Source of Limit	Limit
Inorganic Constituents		
Ammonia as Nitrogen (mg/L)	Non-Parametric Prediction Limit (%ND)	0.34
Antimony, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Arsenic, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	19
Barium, Total (ug/L)	Non-Parametric Prediction Limit (Normality)	360
Beryllium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Boron, Total (ug/L)	Non-Parametric Prediction Limit (Autocorrelation)	360
Cadmium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Calcium, Total (ug/L)	Non-Parametric Prediction Limit (Normality)	220000
Chemical Oxygen Demand (COD) (mg/L)	Non-Parametric Prediction Limit (%ND)	77
Chloride (mg/L)	Non-Parametric Prediction Limit (Autocorrelation)	530
Chromium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	5.5
Cobalt, Total (ug/L)	Non-Parametric Prediction Limit (Autocorrelation)	62
Copper, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	21
Fluoride (mg/L)	Parametric Prediction Limit	2.327
Hardness, Total (mg/L)	Non-Parametric Prediction Limit (Autocorrelation)	1100
Iron, Total (ug/L)	Non-Parametric Prediction Limit (Normality)	7200
Lead, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Magnesium, Total (ug/L)	Parametric Prediction Limit	177467
Manganese, Total (ug/L)	Non-Parametric Prediction Limit (Normality)	47
Mercury, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Nickel, Total (ug/L)	Non-Parametric Prediction Limit (Autocorrelation)	74
Nitrate/Nitrite (mg/L)	Reporting Limit (Double Quantification Rule)	0.1
pH (Field) (su)	Parametric Prediction Interval	5.884 - 7.901
Phosphorus, Total (mg/L)	Parametric Prediction Limit (w/ Kaplan Meier)	1.129
Selenium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	19.2
Silver, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	5.94
Sodium, Total (ug/L)	Non-Parametric Prediction Limit (Normality)	62000
Specific Conductance (Field) (umhos/cm)	Non-Parametric Prediction Limit (Autocorrelation)	2680
Sulfate (mg/L)	Parametric Prediction Limit	52.73
Thallium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Total Dissolved Solids (TDS) (mg/L)	Non-Parametric Prediction Limit (Autocorrelation)	1500
Total Organic Carbon (TOC) (mg/L)	Non-Parametric Prediction Limit (Normality)	13
Vanadium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Zinc, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	68
Organic Constituents		
1112-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
111-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
1122-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
112-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
123-Trichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
124-Trichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromo-3-chloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromoethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
14-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
2-Hexanone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acetone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acrylonitrile (ug/L)	Reporting Limit (Double Quantification Rule)	100
Benzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromoform (ug/L)	Reporting Limit (Double Quantification Rule)	5
Carbon Disulfide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Carbon Tetrachloride (ug/L)	Reporting Limit (Double Quantification Rule)	5

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Constituent	Source of Limit	Limit
Chlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Chloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Chloroform (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Dichlorobromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Ethylbenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Iodomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Methyl Bromide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Ethyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl-iso-butyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methylene Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	5
Styrene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Tetrachloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Toluene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-14-Dichloro-2-butene (ug/L)	Reporting Limit (Double Quantification Rule)	10
Trichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Trichlorofluoromethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Acetate (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	2
Xylenes (Total) (ug/L)	Reporting Limit (Double Quantification Rule)	5

PZ-201A-SS

Constituent	Source of Limit	Limit
Inorganic Constituents		
Ammonia as Nitrogen (mg/L)	Non-Parametric Prediction Limit (%ND)	0.32
Antimony, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Arsenic, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	6.5
Barium, Total (ug/L)	Parametric Prediction Limit	157.3
Beryllium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Boron, Total (ug/L)	Reporting Limit (Double Quantification Rule)	100
Cadmium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	0.2
Calcium, Total (ug/L)	Parametric Prediction Limit	101955
Chemical Oxygen Demand (COD) (mg/L)	Non-Parametric Prediction Limit (%ND)	27.4
Chloride (mg/L)	Non-Parametric Prediction Limit (%ND)	4
Chromium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	5.94
Cobalt, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Copper, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	5.3
Fluoride (mg/L)	Parametric Prediction Limit	0.6268
Hardness, Total (mg/L)	Parametric Prediction Limit	502.9
Iron, Total (ug/L)	Parametric Prediction Limit	4193
Lead, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	8
Magnesium, Total (ug/L)	Parametric Prediction Limit	50175
Manganese, Total (ug/L)	Parametric Prediction Limit	1077
Mercury, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	0.35
Nickel, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	11
Nitrate/Nitrite (mg/L)	Non-Parametric Prediction Limit (%ND)	0.33
pH (Field) (su)	Parametric Prediction Interval	5.484 - 8.139
Phosphorus, Total (mg/L)	Non-Parametric Prediction Limit (%ND)	0.37
Selenium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Silver, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Sodium, Total (ug/L)	Parametric Prediction Limit	38479
Specific Conductance (Field) (umhos/cm)	Parametric Prediction Limit	1010
Sulfate (mg/L)	Non-Parametric Prediction Limit (Normality)	78
Thallium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Total Dissolved Solids (TDS) (mg/L)	Parametric Prediction Limit	562.8
Total Organic Carbon (TOC) (mg/L)	Non-Parametric Prediction Limit (%ND)	2.8
Vanadium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Zinc, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	184
Organic Constituents		
1112-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
111-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
1122-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
112-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
123-Trichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
124-Trichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromo-3-chloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromoethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
14-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
2-Hexanone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acetone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acrylonitrile (ug/L)	Reporting Limit (Double Quantification Rule)	100
Benzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromoform (ug/L)	Reporting Limit (Double Quantification Rule)	5
Carbon Disulfide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Carbon Tetrachloride (ug/L)	Reporting Limit (Double Quantification Rule)	5

PZ-201A-SS

Constituent	Source of Limit	Limit
Chlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Chloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Chloroform (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Dichlorobromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Ethylbenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Iodomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Methyl Bromide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Ethyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl-iso-butyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methylene Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	5
Styrene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Tetrachloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Toluene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-14-Dichloro-2-butene (ug/L)	Reporting Limit (Double Quantification Rule)	10
Trichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Trichlorofluoromethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Acetate (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	2
Xylenes (Total) (ug/L)	Reporting Limit (Double Quantification Rule)	5

PZ-205-SS

Constituent	Source of Limit	Limit
Inorganic Constituents		
Ammonia as Nitrogen (mg/L)	Non-Parametric Prediction Limit (%ND)	0.335
Antimony, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Arsenic, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	5.25
Barium, Total (ug/L)	Non-Parametric Prediction Limit (Normality)	183
Beryllium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Boron, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	282
Cadmium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	5.83
Calcium, Total (ug/L)	Non-Parametric Prediction Limit (Normality)	102000
Chemical Oxygen Demand (COD) (mg/L)	Non-Parametric Prediction Limit (%ND)	52
Chloride (mg/L)	Parametric Prediction Limit	57.48
Chromium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	52
Cobalt, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	8.4
Copper, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	30
Fluoride (mg/L)	Parametric Prediction Limit	0.6007
Hardness, Total (mg/L)	Parametric Prediction Limit	513.9
Iron, Total (ug/L)	Parametric Prediction Limit	2837
Lead, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	88.6
Magnesium, Total (ug/L)	Parametric Prediction Limit	83590
Manganese, Total (ug/L)	Non-Parametric Prediction Limit (Autocorrelation)	22.2
Mercury, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Nickel, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	32.2
Nitrate/Nitrite (mg/L)	Non-Parametric Prediction Limit (%ND)	0.138
pH (Field) (su)	Parametric Prediction Interval	6.524 - 7.888
Phosphorus, Total (mg/L)	Non-Parametric Prediction Limit (%ND)	0.112
Selenium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Silver, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Sodium, Total (ug/L)	Non-Parametric Prediction Limit (Autocorrelation)	55500
Specific Conductance (Field) (umhos/cm)	Non-Parametric Prediction Limit (Normality)	1270
Sulfate (mg/L)	Parametric Prediction Limit	87.72
Thallium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Total Dissolved Solids (TDS) (mg/L)	Parametric Prediction Limit	592.3
Total Organic Carbon (TOC) (mg/L)	Non-Parametric Prediction Limit (%ND)	10
Vanadium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Zinc, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	102
Organic Constituents		
1112-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
111-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
1122-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
112-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
123-Trichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
124-Trichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromo-3-chloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromoethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
14-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
2-Hexanone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acetone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acrylonitrile (ug/L)	Reporting Limit (Double Quantification Rule)	100
Benzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromoform (ug/L)	Reporting Limit (Double Quantification Rule)	5
Carbon Disulfide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Carbon Tetrachloride (ug/L)	Reporting Limit (Double Quantification Rule)	5

PZ-205-SS

Constituent	Source of Limit	Limit
Chlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Chloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Chloroform (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Dichlorobromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Ethylbenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Iodomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Methyl Bromide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Ethyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl-iso-butyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methylene Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	5
Styrene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Tetrachloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Toluene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-14-Dichloro-2-butene (ug/L)	Reporting Limit (Double Quantification Rule)	10
Trichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Trichlorofluoromethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Acetate (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	2
Xylenes (Total) (ug/L)	Reporting Limit (Double Quantification Rule)	5

PZ-100-SD

Constituent	Source of Limit	Limit
Inorganic Constituents		
Ammonia as Nitrogen (mg/L)	Parametric Prediction Limit	0.5754
Antimony, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Arsenic, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	14.7
Barium, Total (ug/L)	Parametric Prediction Limit	330.7
Beryllium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	2.2
Boron, Total (ug/L)	Reporting Limit (Double Quantification Rule)	100
Cadmium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	0.2
Calcium, Total (ug/L)	Parametric Prediction Limit	89136
Chemical Oxygen Demand (COD) (mg/L)	Non-Parametric Prediction Limit (%ND)	37
Chloride (mg/L)	Non-Parametric Prediction Limit (%ND)	3
Chromium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	13.2
Cobalt, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Copper, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Fluoride (mg/L)	Parametric Prediction Limit	2.351
Hardness, Total (mg/L)	Parametric Prediction Limit	381.3
Iron, Total (ug/L)	Parametric Prediction Limit	3330
Lead, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Magnesium, Total (ug/L)	Parametric Prediction Limit	40276
Manganese, Total (ug/L)	Parametric Prediction Limit	151.4
Mercury, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Nickel, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Nitrate/Nitrite (mg/L)	Reporting Limit (Double Quantification Rule)	0.1
pH (Field) (su)	Parametric Prediction Interval	6.578 - 8.434
Phosphorus, Total (mg/L)	Non-Parametric Prediction Limit (%ND)	0.94
Selenium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Silver, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Sodium, Total (ug/L)	Parametric Prediction Limit	12231
Specific Conductance (Field) (umhos/cm)	Parametric Prediction Limit	712
Sulfate (mg/L)	Parametric Prediction Limit	15.94
Thallium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Total Dissolved Solids (TDS) (mg/L)	Parametric Prediction Limit	369.3
Total Organic Carbon (TOC) (mg/L)	Parametric Prediction Limit (w/ Kaplan Meier)	3.738
Vanadium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Zinc, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	116
Organic Constituents		
1112-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
111-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
1122-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
112-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
123-Trichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
124-Trichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromo-3-chloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromoethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
14-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
2-Hexanone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acetone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acrylonitrile (ug/L)	Reporting Limit (Double Quantification Rule)	100
Benzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromoform (ug/L)	Reporting Limit (Double Quantification Rule)	5
Carbon Disulfide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Carbon Tetrachloride (ug/L)	Reporting Limit (Double Quantification Rule)	5

PZ-100-SD

Constituent	Source of Limit	Limit
Chlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Chloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Chloroform (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Dichlorobromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Ethylbenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Iodomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Methyl Bromide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Ethyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl-iso-butyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methylene Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	5
Styrene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Tetrachloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Toluene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-14-Dichloro-2-butene (ug/L)	Reporting Limit (Double Quantification Rule)	10
Trichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Trichlorofluoromethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Acetate (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	2
Xylenes (Total) (ug/L)	Reporting Limit (Double Quantification Rule)	5

PZ-104-SD

Constituent	Source of Limit	Limit
Inorganic Constituents		
Ammonia as Nitrogen (mg/L)	Non-Parametric Prediction Limit (Normality)	0.49
Antimony, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Arsenic, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Barium, Total (ug/L)	Parametric Prediction Limit	248.9
Beryllium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Boron, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	260
Cadmium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Calcium, Total (ug/L)	Parametric Prediction Limit	125336
Chemical Oxygen Demand (COD) (mg/L)	Non-Parametric Prediction Limit (%ND)	28
Chloride (mg/L)	Non-Parametric Prediction Limit (Autocorrelation)	110
Chromium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	6
Cobalt, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Copper, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Fluoride (mg/L)	Parametric Prediction Limit	1.261
Hardness, Total (mg/L)	Parametric Prediction Limit	539.2
Iron, Total (ug/L)	Parametric Prediction Limit	4386
Lead, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Magnesium, Total (ug/L)	Parametric Prediction Limit	57754
Manganese, Total (ug/L)	Parametric Prediction Limit	155.2
Mercury, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Nickel, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	10
Nitrate/Nitrite (mg/L)	Non-Parametric Prediction Limit (%ND)	0.11
pH (Field) (su)	Parametric Prediction Interval	6.495 - 8.2
Phosphorus, Total (mg/L)	Non-Parametric Prediction Limit (%ND)	0.268
Selenium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Silver, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Sodium, Total (ug/L)	Parametric Prediction Limit	32906
Specific Conductance (Field) (umhos/cm)	Parametric Prediction Limit	1264
Sulfate (mg/L)	Non-Parametric Prediction Limit (Autocorrelation)	100
Thallium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Total Dissolved Solids (TDS) (mg/L)	Parametric Prediction Limit	716.8
Total Organic Carbon (TOC) (mg/L)	Non-Parametric Prediction Limit (%ND)	7.4
Vanadium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Zinc, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	95.5
Organic Constituents		
1112-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
111-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
1122-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
112-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
123-Trichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
124-Trichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromo-3-chloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromoethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
14-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
2-Hexanone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acetone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acrylonitrile (ug/L)	Reporting Limit (Double Quantification Rule)	100
Benzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromoform (ug/L)	Reporting Limit (Double Quantification Rule)	5
Carbon Disulfide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Carbon Tetrachloride (ug/L)	Reporting Limit (Double Quantification Rule)	5

PZ-104-SD

Constituent	Source of Limit	Limit
Chlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Chloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Chloroform (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Dichlorobromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Ethylbenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Iodomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Methyl Bromide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Ethyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl-iso-butyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methylene Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	5
Styrene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Tetrachloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Toluene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-14-Dichloro-2-butene (ug/L)	Reporting Limit (Double Quantification Rule)	10
Trichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Trichlorofluoromethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Acetate (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	2
Xylenes (Total) (ug/L)	Reporting Limit (Double Quantification Rule)	5

PZ-106-SD

Constituent	Source of Limit	Limit
Inorganic Constituents		
Ammonia as Nitrogen (mg/L)	Non-Parametric Prediction Limit (%ND)	1.4
Antimony, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Arsenic, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	7.7
Barium, Total (ug/L)	Non-Parametric Prediction Limit (Autocorrelation)	150
Beryllium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Boron, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	120
Cadmium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Calcium, Total (ug/L)	Parametric Prediction Limit	135465
Chemical Oxygen Demand (COD) (mg/L)	Non-Parametric Prediction Limit (%ND)	92
Chloride (mg/L)	Non-Parametric Prediction Limit (Normality)	18
Chromium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	9.02
Cobalt, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Copper, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	9.4
Fluoride (mg/L)	Parametric Prediction Limit	1.386
Hardness, Total (mg/L)	Parametric Prediction Limit	584.1
Iron, Total (ug/L)	Parametric Prediction Limit	3530
Lead, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Magnesium, Total (ug/L)	Non-Parametric Prediction Limit (Autocorrelation)	62000
Manganese, Total (ug/L)	Parametric Prediction Limit	652.4
Mercury, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Nickel, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Nitrate/Nitrite (mg/L)	Non-Parametric Prediction Limit (%ND)	0.3
pH (Field) (su)	Parametric Prediction Interval	6.509 - 7.989
Phosphorus, Total (mg/L)	Parametric Prediction Limit (w/ Kaplan Meier)	0.1667
Selenium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Silver, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Sodium, Total (ug/L)	Non-Parametric Prediction Limit (Normality)	37000
Specific Conductance (Field) (umhos/cm)	Parametric Prediction Limit	1128
Sulfate (mg/L)	Non-Parametric Prediction Limit (Normality)	110
Thallium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Total Dissolved Solids (TDS) (mg/L)	Parametric Prediction Limit	662.4
Total Organic Carbon (TOC) (mg/L)	Non-Parametric Prediction Limit (%ND)	26
Vanadium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Zinc, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	77
Organic Constituents		
1112-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
111-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
1122-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
112-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
123-Trichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
124-Trichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromo-3-chloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromoethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
14-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
2-Hexanone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acetone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acrylonitrile (ug/L)	Reporting Limit (Double Quantification Rule)	100
Benzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromoform (ug/L)	Reporting Limit (Double Quantification Rule)	5
Carbon Disulfide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Carbon Tetrachloride (ug/L)	Reporting Limit (Double Quantification Rule)	5

PZ-106-SD

Constituent	Source of Limit	Limit
Chlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Chloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Chloroform (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Dichlorobromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Ethylbenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Iodomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Methyl Bromide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Ethyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl-iso-butyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methylene Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	5
Styrene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Tetrachloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Toluene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-14-Dichloro-2-butene (ug/L)	Reporting Limit (Double Quantification Rule)	10
Trichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Trichlorofluoromethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Acetate (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	2
Xylenes (Total) (ug/L)	Reporting Limit (Double Quantification Rule)	5

PZ-106-SD

Constituent	Source of Limit	Limit
Inorganic Constituents		
Ammonia as Nitrogen (mg/L)	Non-Parametric Prediction Limit (%ND)	0.16
Antimony, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Arsenic, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Barium, Total (ug/L)	Parametric Prediction Limit	128.9
Beryllium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Boron, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	100
Cadmium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Calcium, Total (ug/L)	Parametric Prediction Limit	102190
Chemical Oxygen Demand (COD) (mg/L)	Non-Parametric Prediction Limit (%ND)	63
Chloride (mg/L)	Non-Parametric Prediction Limit (Normality)	14
Chromium, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	5
Cobalt, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Copper, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	7
Fluoride (mg/L)	Parametric Prediction Limit	2.38
Hardness, Total (mg/L)	Parametric Prediction Limit	499.6
Iron, Total (ug/L)	Non-Parametric Prediction Limit (Autocorrelation)	2200
Lead, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Magnesium, Total (ug/L)	Parametric Prediction Limit	60785
Manganese, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	10
Mercury, Total (ug/L)	Reporting Limit (Double Quantification Rule)	0.2
Nickel, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Nitrate/Nitrite (mg/L)	Non-Parametric Prediction Limit (%ND)	0.2
pH (Field) (su)	Parametric Prediction Interval	6.434 - 8.252
Phosphorus, Total (mg/L)	Non-Parametric Prediction Limit (%ND)	0.37
Selenium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Silver, Total (ug/L)	Reporting Limit (Double Quantification Rule)	5
Sodium, Total (ug/L)	Parametric Prediction Limit	26241
Specific Conductance (Field) (umhos/cm)	Parametric Prediction Limit	1017
Sulfate (mg/L)	Parametric Prediction Limit	54.23
Thallium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	2
Total Dissolved Solids (TDS) (mg/L)	Parametric Prediction Limit	517.2
Total Organic Carbon (TOC) (mg/L)	Non-Parametric Prediction Limit (%ND)	6
Vanadium, Total (ug/L)	Reporting Limit (Double Quantification Rule)	10
Zinc, Total (ug/L)	Non-Parametric Prediction Limit (%ND)	103
Organic Constituents		
1112-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
111-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
1122-Tetrachloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
112-Trichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
11-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
123-Trichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
124-Trichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromo-3-chloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dibromoethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
12-Dichloropropane (ug/L)	Reporting Limit (Double Quantification Rule)	5
14-Dichlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
2-Hexanone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acetone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Acrylonitrile (ug/L)	Reporting Limit (Double Quantification Rule)	100
Benzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Bromoform (ug/L)	Reporting Limit (Double Quantification Rule)	5
Carbon Disulfide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Carbon Tetrachloride (ug/L)	Reporting Limit (Double Quantification Rule)	5

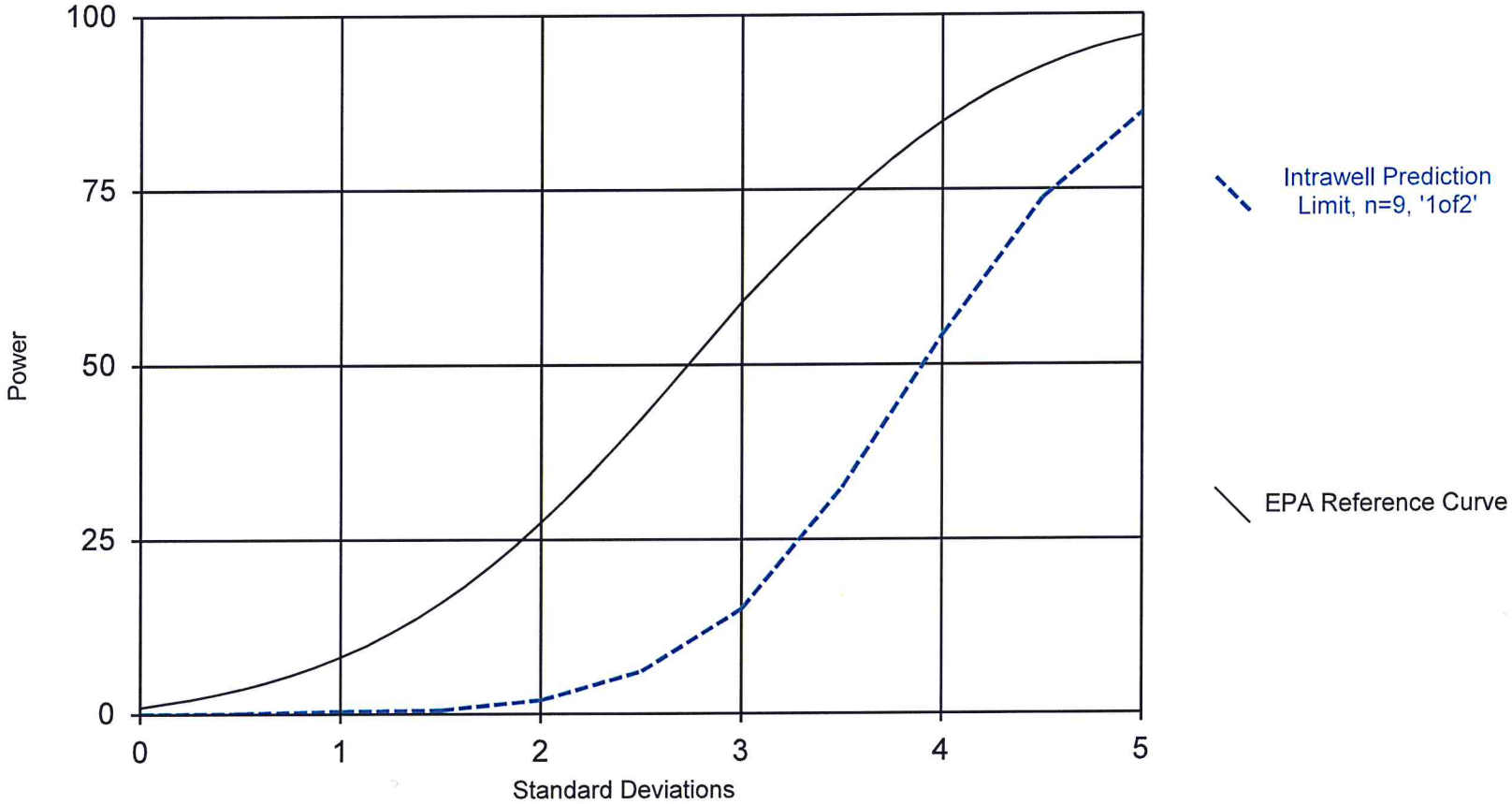
PZ-106-SD

Constituent	Source of Limit	Limit
Chlorobenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Chloroethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Chloroform (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
cis-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromochloromethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Dibromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Dichlorobromomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Ethylbenzene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Iodomethane (ug/L)	Reporting Limit (Double Quantification Rule)	5
Methyl Bromide (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl Ethyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methyl-iso-butyl Ketone (ug/L)	Reporting Limit (Double Quantification Rule)	10
Methylene Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	5
Styrene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Tetrachloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Toluene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-12-Dichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-13-Dichloropropylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
trans-14-Dichloro-2-butene (ug/L)	Reporting Limit (Double Quantification Rule)	10
Trichloroethylene (ug/L)	Reporting Limit (Double Quantification Rule)	5
Trichlorofluoromethane (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Acetate (ug/L)	Reporting Limit (Double Quantification Rule)	10
Vinyl Chloride (ug/L)	Reporting Limit (Double Quantification Rule)	2
Xylenes (Total) (ug/L)	Reporting Limit (Double Quantification Rule)	5

Appendix J
Alluvium Unit Power Curves

v.9.1.20 n/a. UG

Power Curve



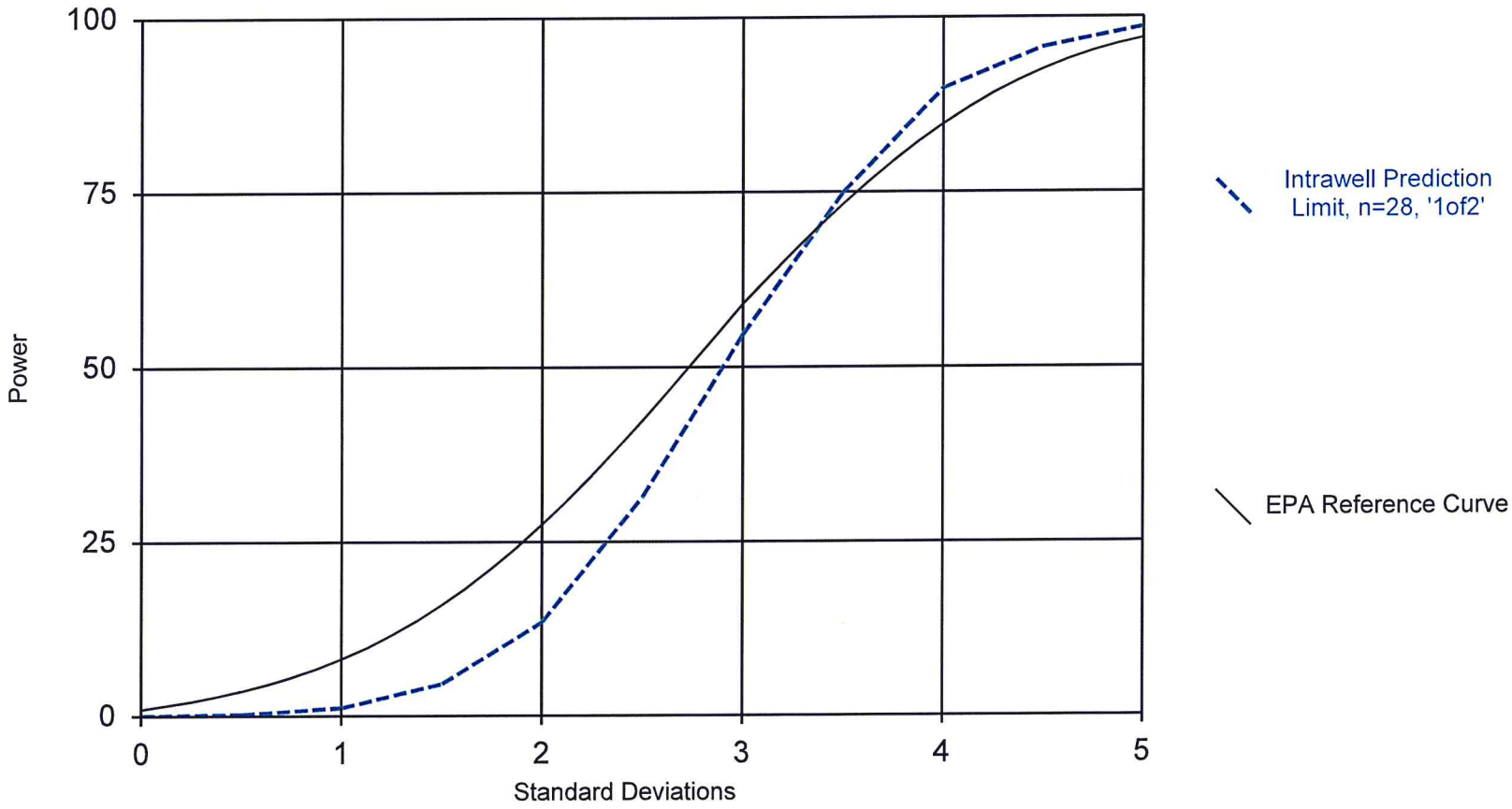
Kappa = 3.352, based on 4 compliance wells and 34 constituents.

Analysis Run 10/21/2010 3:41 PM View: 2

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Power Curve



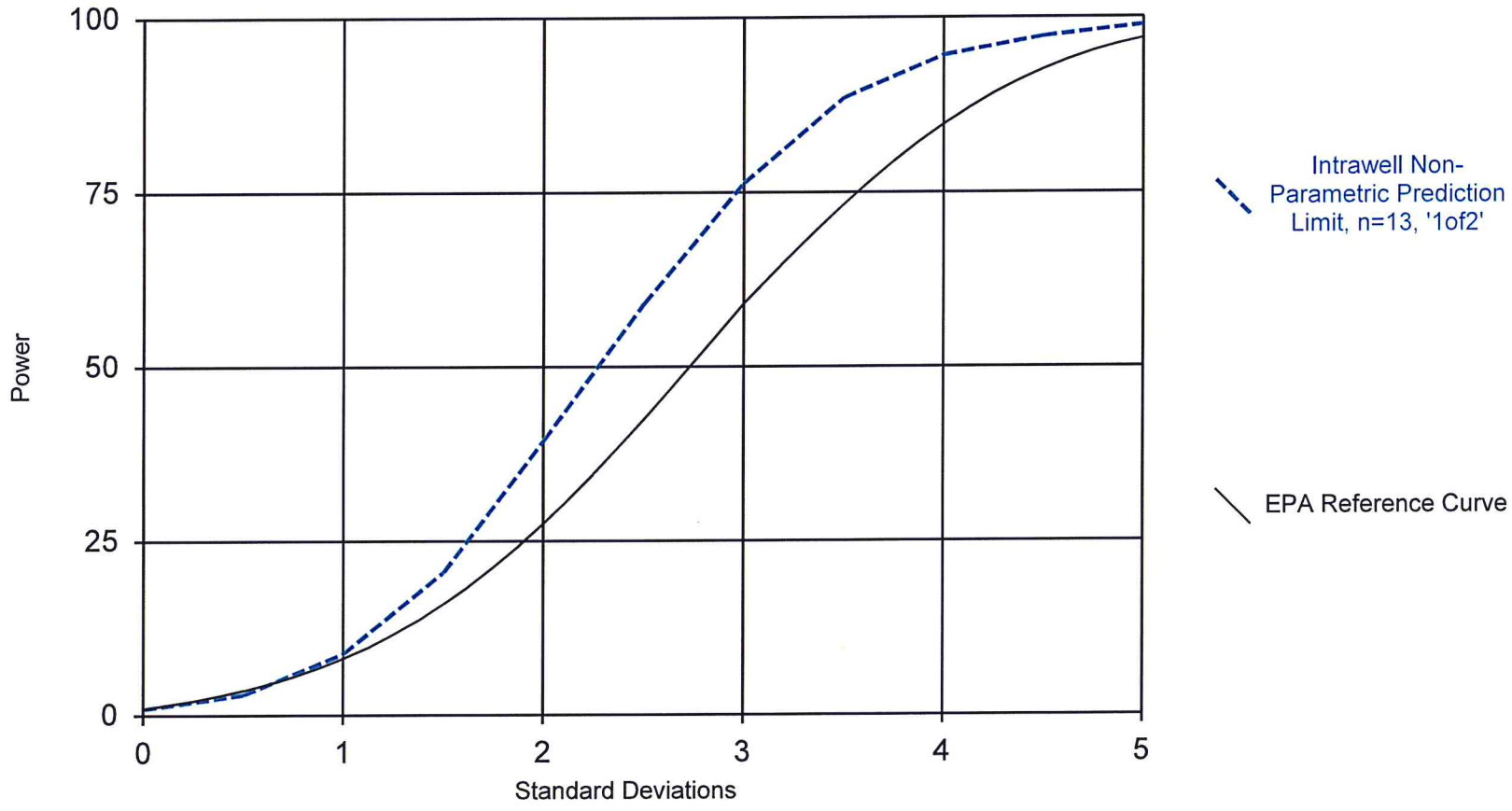
Kappa = 2.352, based on 4 compliance wells and 34 constituents.

Analysis Run 10/21/2010 3:41 PM View: 2

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Power Curve

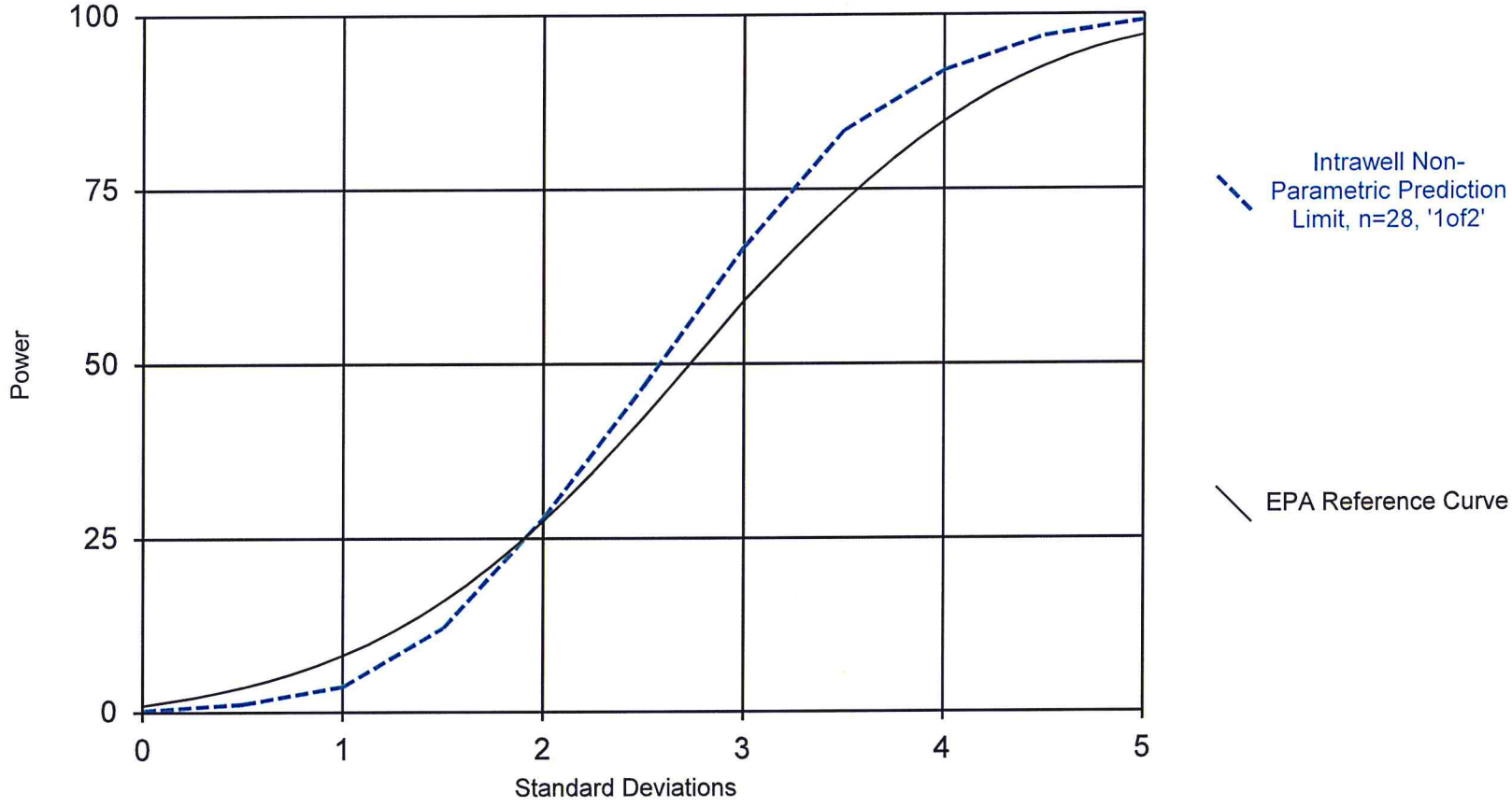


Analysis Run 11/4/2010 3:02 PM View: 2

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Power Curve



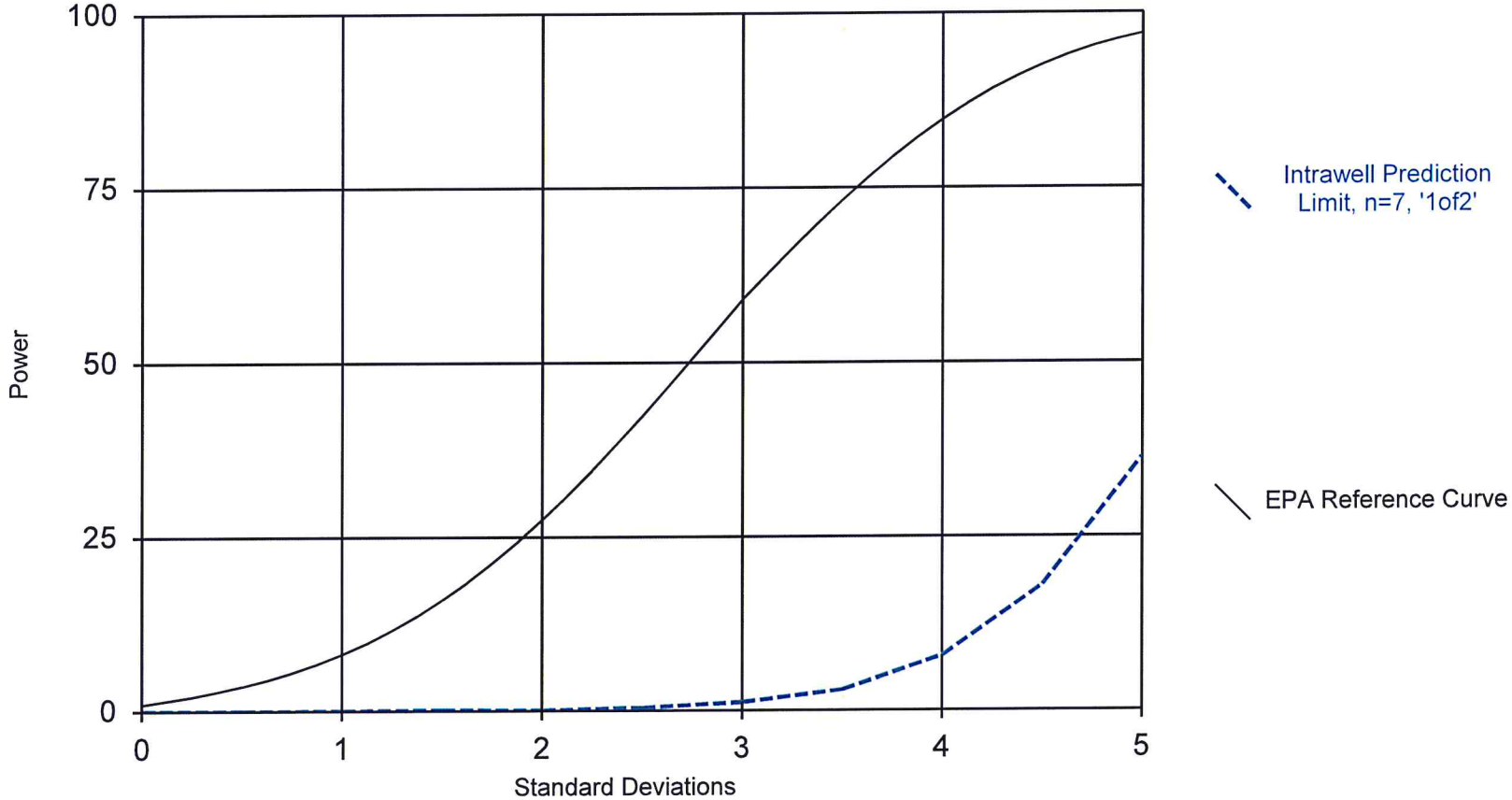
Analysis Run 10/21/2010 3:44 PM View: 2

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

Appendix K
St. Louis / Upper Salem Unit Power Curves

v.9.1.20 n/a. UG

Power Curve



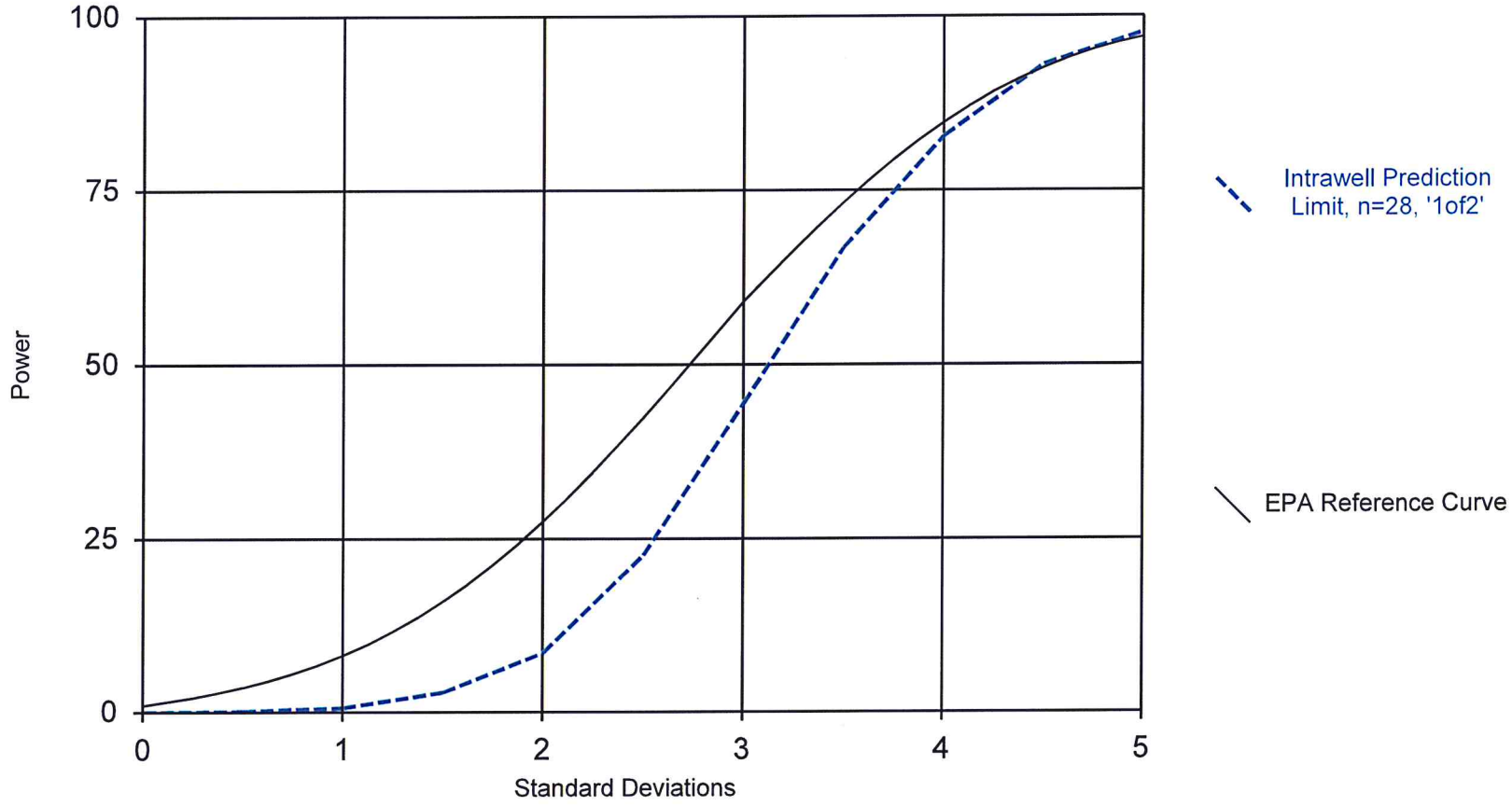
Kappa = 4.773, based on 9 compliance wells and 34 constituents.

Analysis Run 11/8/2010 2:27 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Power Curve



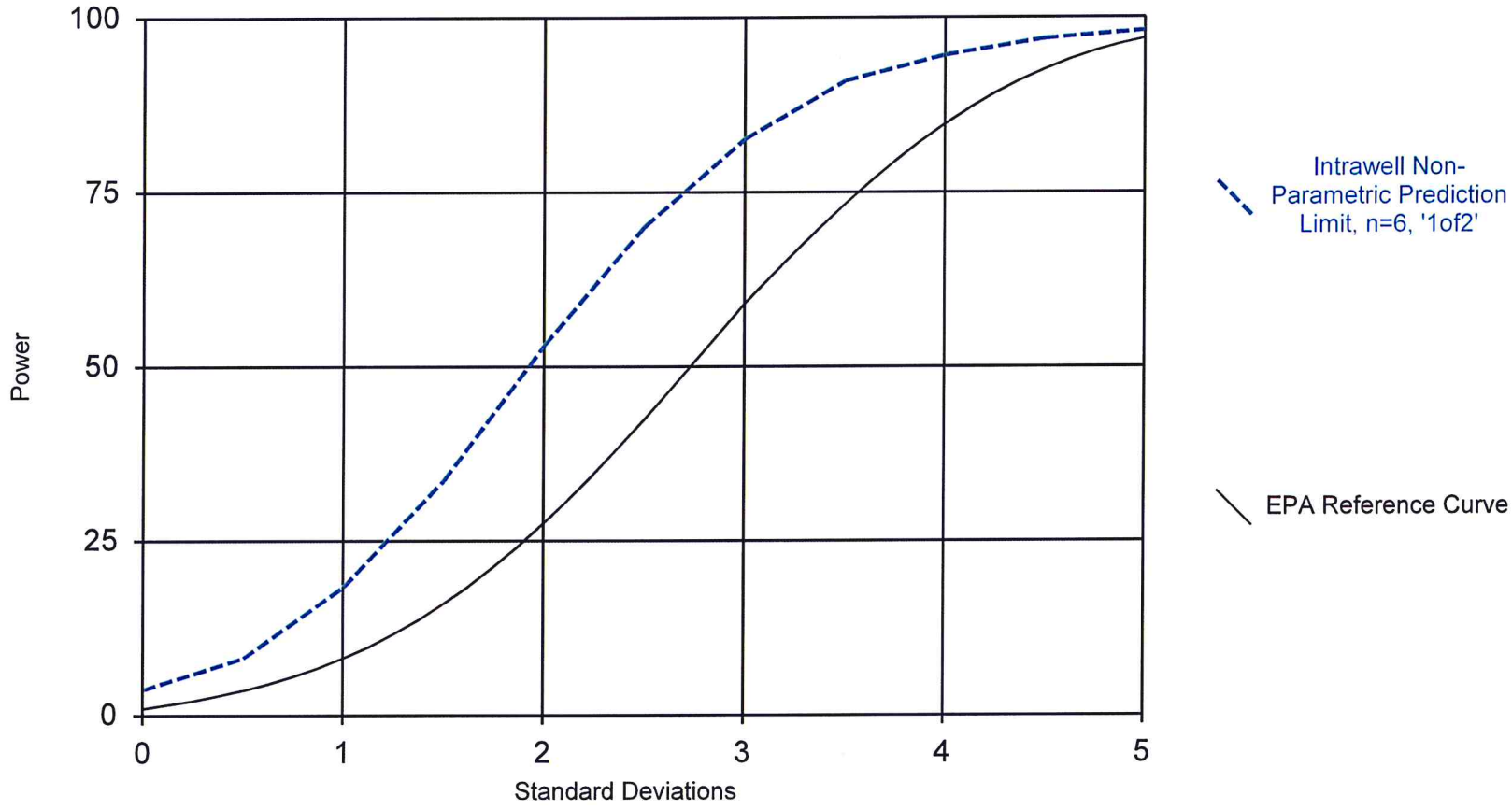
Kappa = 2.572, based on 9 compliance wells and 34 constituents.

Analysis Run 11/8/2010 2:27 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Power Curve

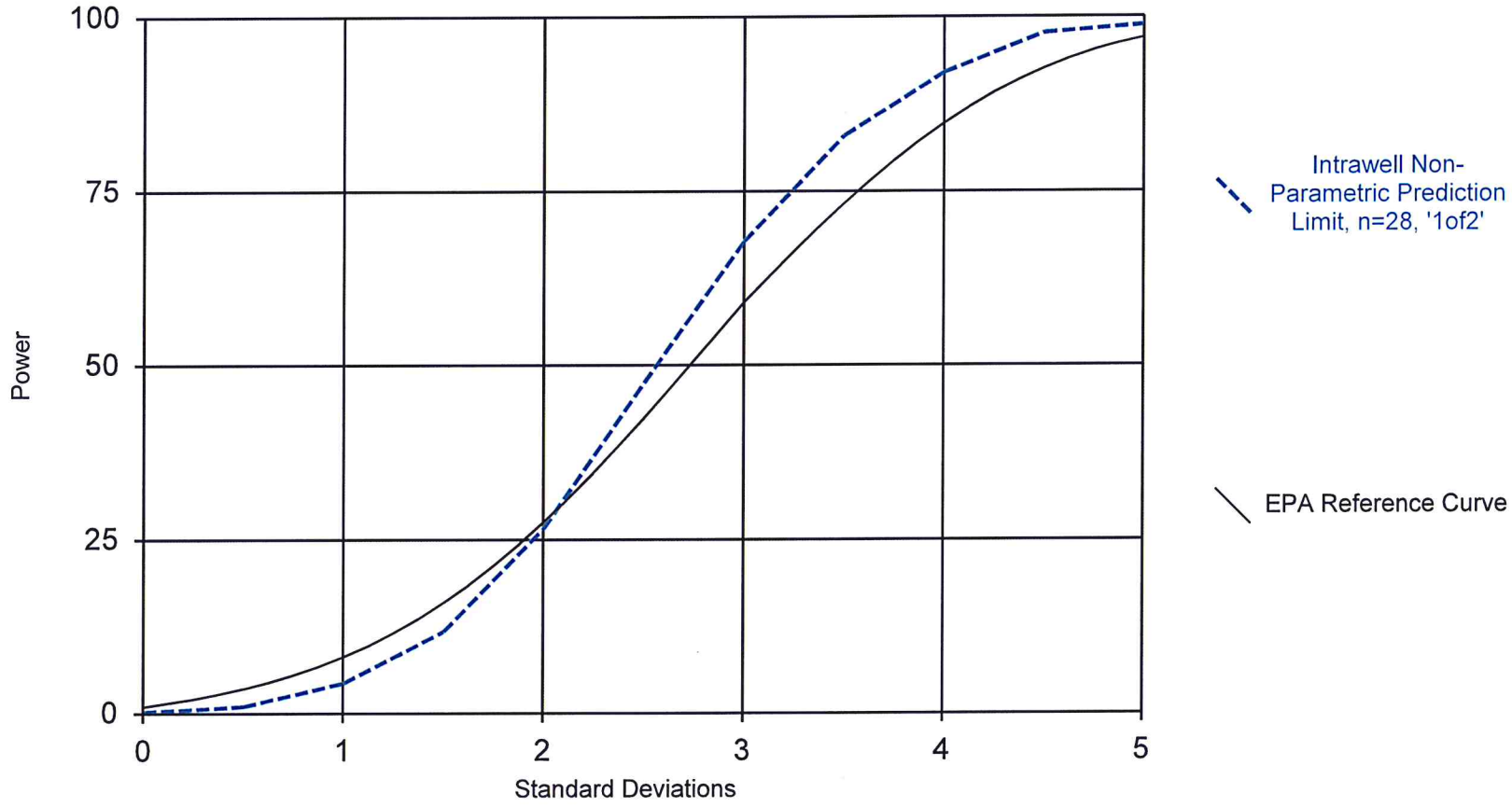


Analysis Run 11/8/2010 2:28 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Power Curve



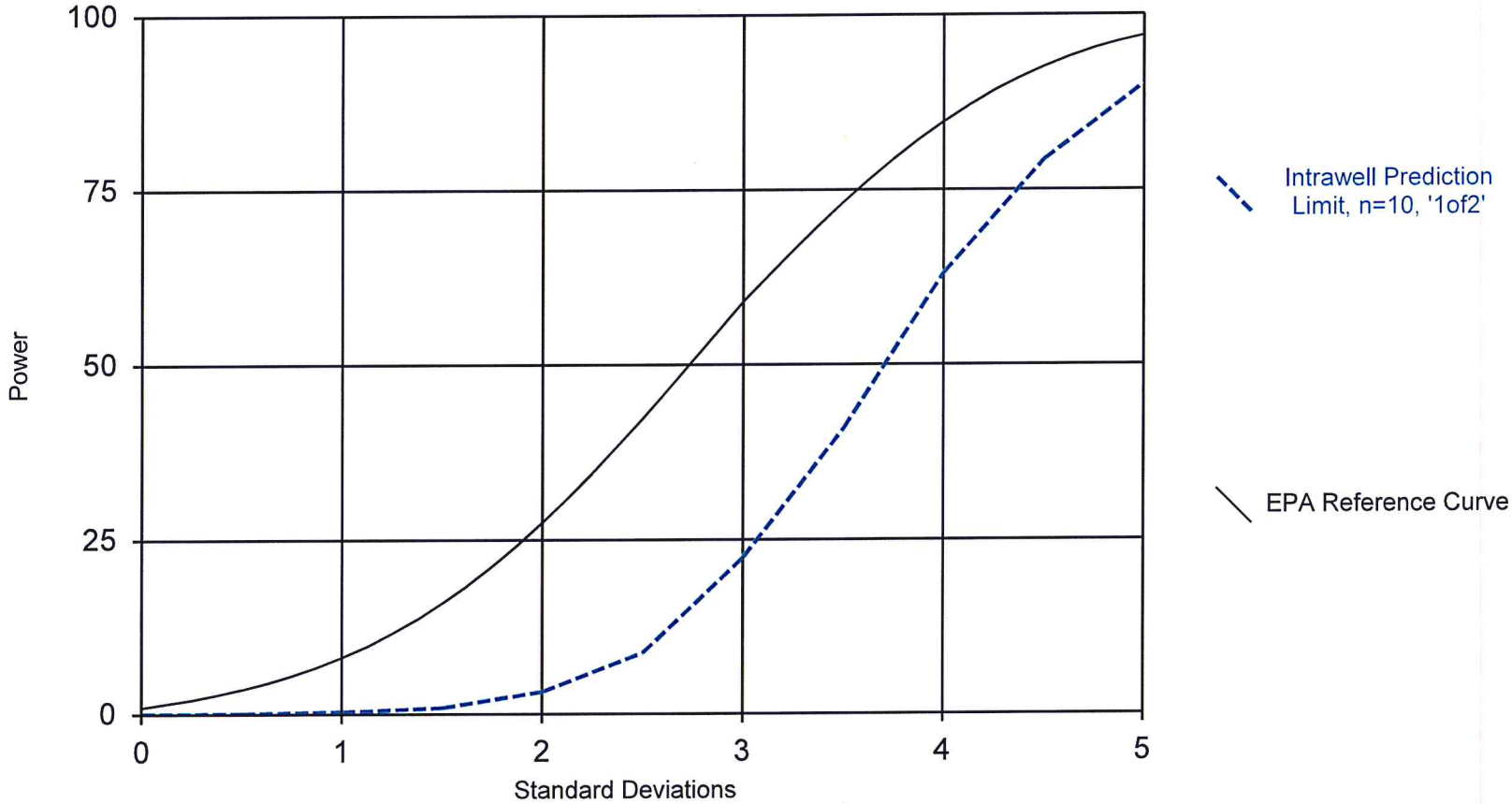
Analysis Run 11/8/2010 2:28 PM View: 1

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

Appendix L
Deep Salem Unit Power Curves

v.9.1.20 n/a. UG

Power Curve



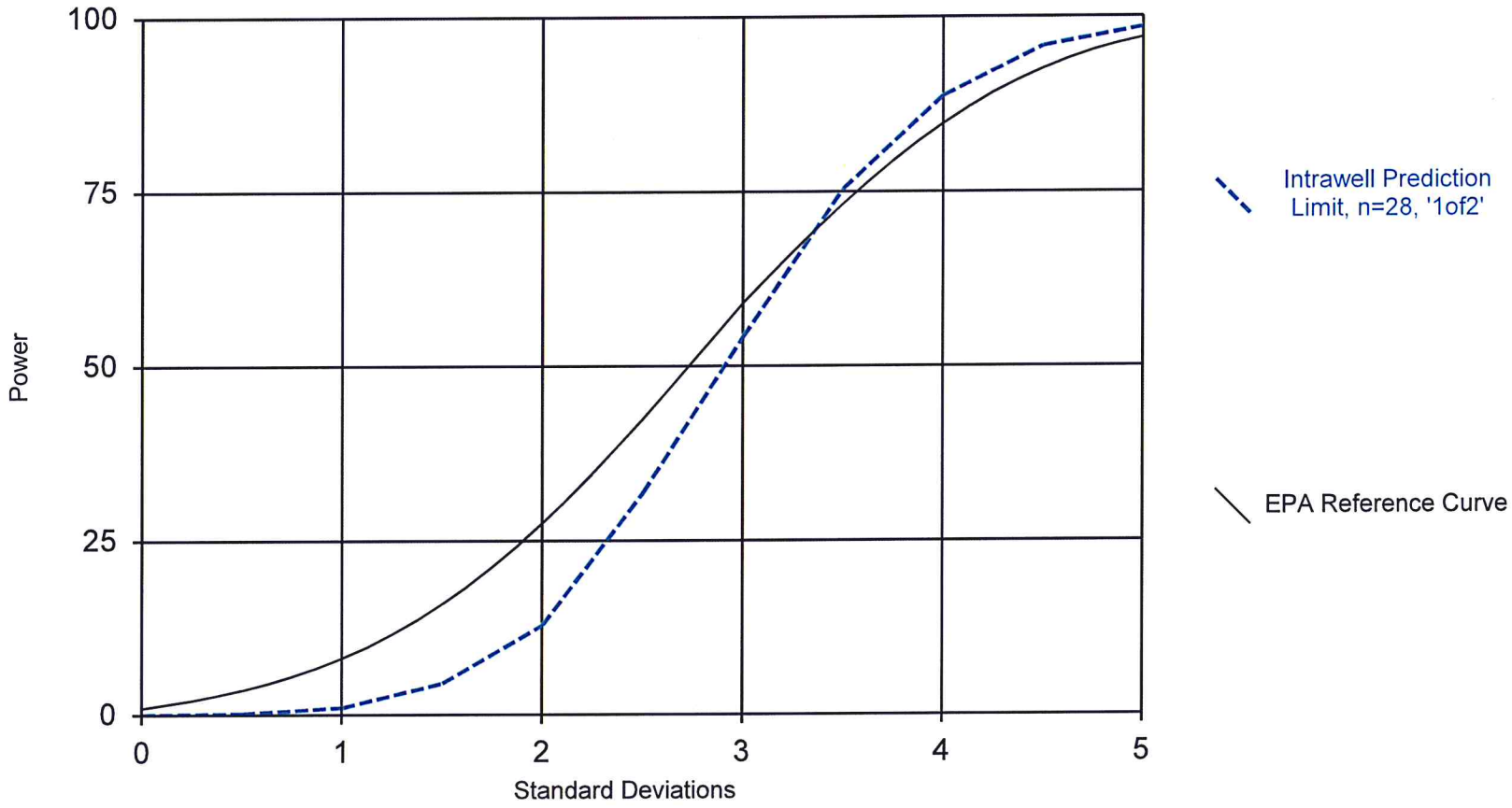
Kappa = 3.135, based on 4 compliance wells and 34 constituents.

Analysis Run 11/4/2010 3:11 PM View: 2

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Power Curve



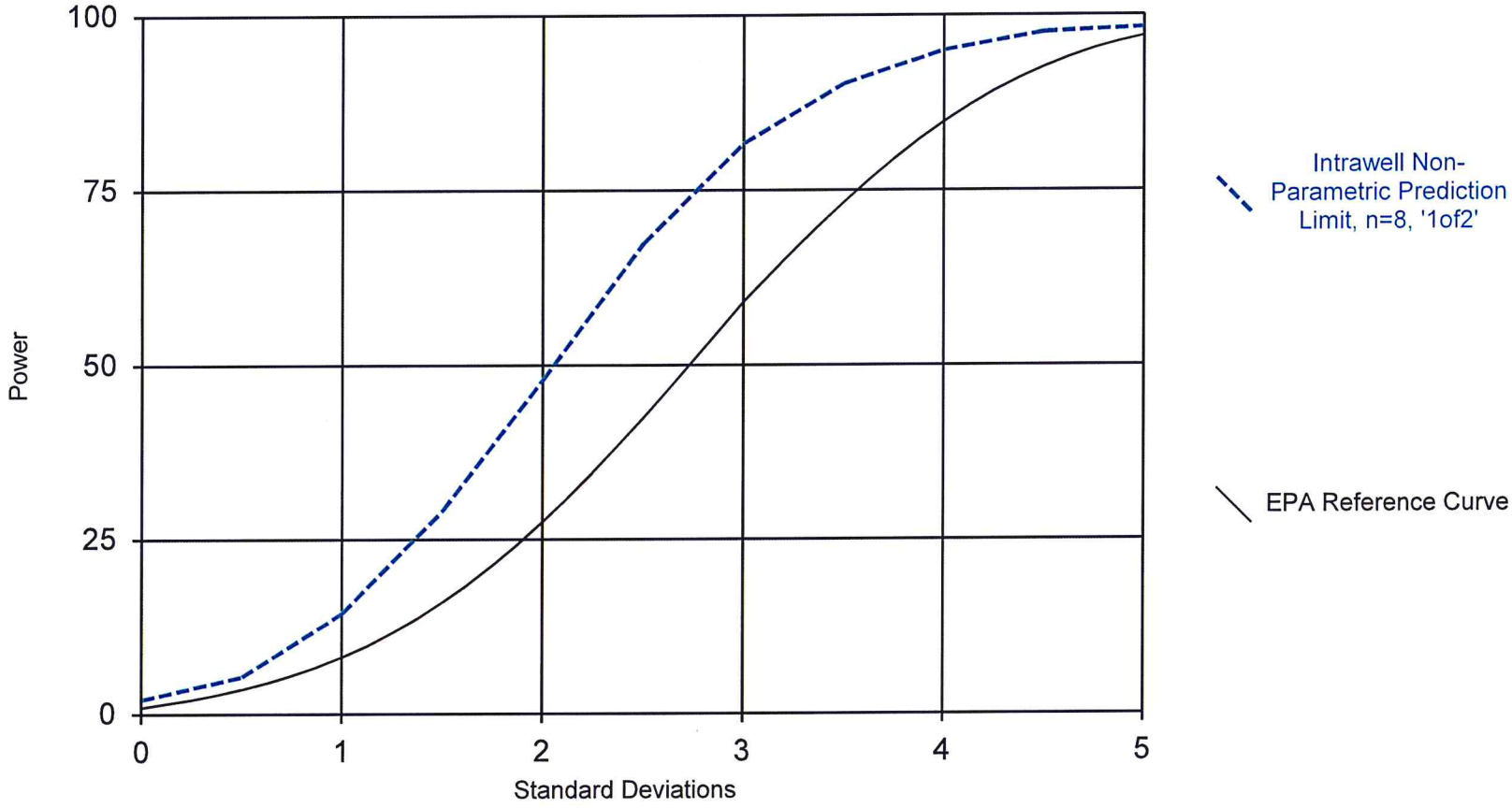
Kappa = 2.352, based on 4 compliance wells and 34 constituents.

Analysis Run 10/25/2010 12:04 PM View: 2

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Power Curve

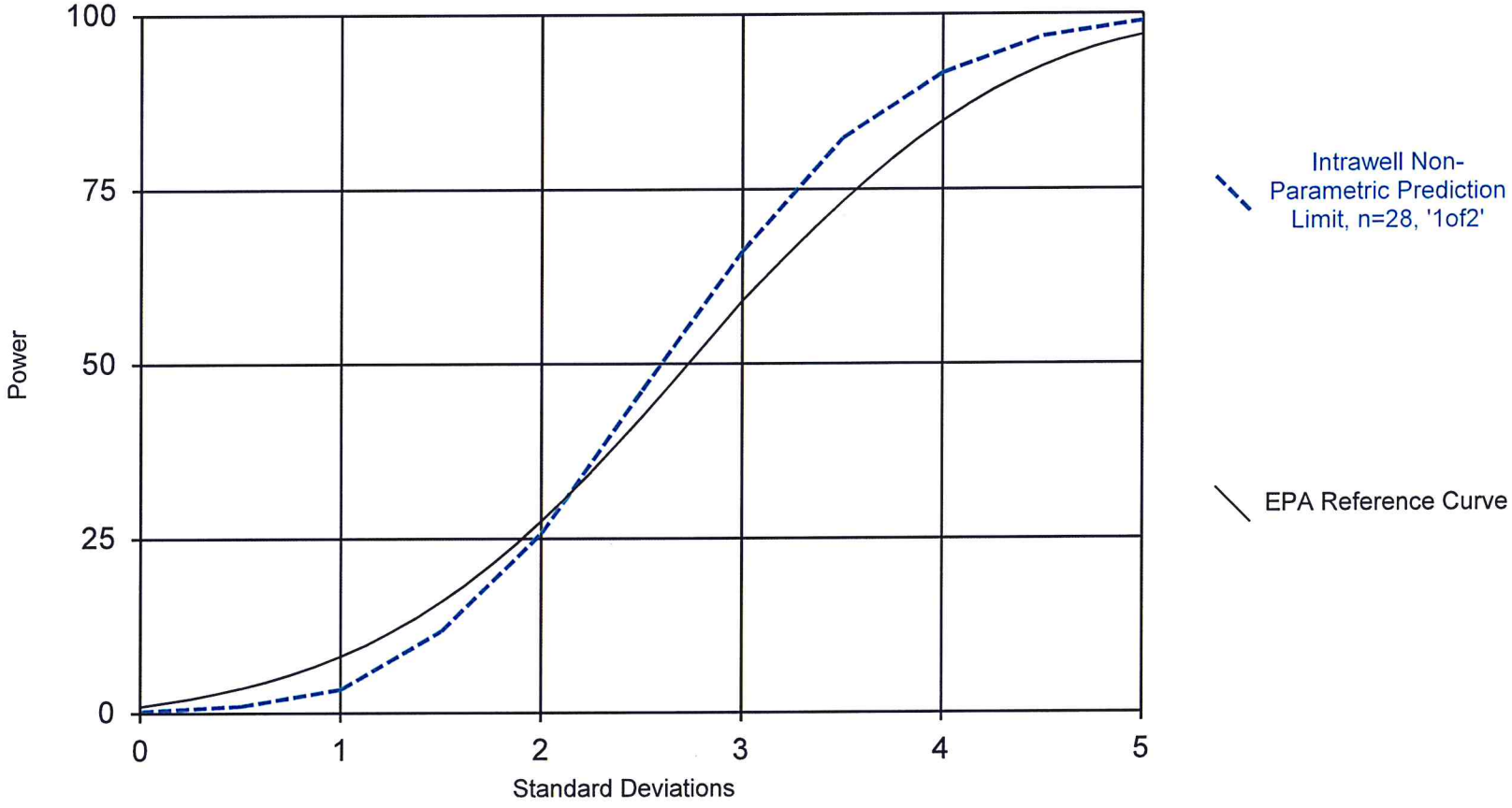


Analysis Run 10/25/2010 12:05 PM View: 2

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE

v.9.1.20 n/a. UG

Power Curve



Analysis Run 10/25/2010 12:05 PM View: 2

Facility: Bridgeton LF Client: Bridgeton LF Data File: BRIDGE