



CHAIN OF CUSTODY

ANALYSES REQUESTED

Company Name: Jefferson Lab
 Company Contact: Keith Blackburn Telephone: 757-269-7063
 Results To: Keith Blackburn email: keithB@jlab.org
 Address: 600 Kelvin Dr. Ste 5 cell: 508-6703
 Newport News, VA 23606
 Project ID: Low Conductivity Water

| JRA ID # | Sample Type* | Sample Location | Composite | | | Grab | | Total # of cont. | ANALYSES REQUESTED | | | | |
|----------|--------------|------------------------|------------|------------|----------|----------|------|------------------|--------------------|--------------------|---|---|---|
| | | | Start Date | Start Time | End Date | End Time | Date | | Time | Bottle ID Preserv. | A | B | C |
| 15860 | | DIRC Box Beam Right | 9/22 | 1:30 | | | 3 | X | X | X | | | |
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*WW= Wastewater, GW = Groundwater, DW - Drinking Water, HW - Hazardous Waste, OTHERS

Sampled By: Keith
 Relinquished By: Keith
 Received By: Keith
 Relinquished By: Keith
 Date/Time: 9/22/00 1:30
 Date/Time: 9-22-00 2:14
 Date/Time: 9-22-00 2:14
 Date/Time: 9-22-00 2:14

- 1 = <6°C
- 2 = HNO₃
- 3 = H₂SO₄
- 4 = NaOH
- 5 = Na₂S₂O₃
- 6 = Na₂S₂O₃ + HCl
- 7 = NaOH + ZnOAc
- 8 = H₂SO₄ + FAS
- 9 = NH₄Cl
- 10 = Ascorbic Acid + HCl
- 11 = HCl
- 12 = Zinc Acetate + NaOH
- 13 = Na₂SO₃ + HCl
- 14 = Na₂SO₃ + H₂SO₄

Sample required to be stored and transported on ice to be received at the lab <6° C.

Payment - Credit Card (\$247.00/sample)

Arrival Temp: See Sample °C

for Compliance
 Not for Compliance

JAMES R. REED and ASSOCIATES (757) 873-4703; FAX (757) 873-1498
 770 Pilot House Drive, Newport News, VA 23606

DKH

REPORT OF ANALYSIS

CLIENT: Jefferson Lab
ATTN: Keith Blackburn
ADDRESS: 600 Kelvin Dr., Suite 5
Newport News, VA 23606
PHONE: 757-269-7063/cell 508-6703
EMAIL: KeithB@jlab.org

REPORT NO: 20-1585011:52
GRAB COLLECTION:
Date: 9/22/2020 Time: 1330
COMPOSITE COLLECTION:
Start Date: Time:
End Date: Time:



Special Notes:
RE: LOW CONDUCTIVITY WATER

SAMPLE RECEIPT:
Date: 9/22/2020 Time: 1410

SAMPLE ID: DIRC BOX BEAM RIGHT
SAMPLE NO: 20-15850

| Parameter | Method Number | JRA QL | Result | Unit | Analyst | Date | Time |
|-------------------|---------------|--------|---------|----------|---------|-----------|------|
| Coliform-Colilert | Colilert | | Absent | Pres/Abs | JGO | 9/22/2020 | 1500 |
| Total Boron | 200.7 | 0.050 | < 0.050 | mg/L | AME | 9/25/2020 | 1333 |
| Total Nickel | 200.7 | 0.005 | 0.038 | mg/L | AME | 9/25/2020 | 1333 |
| Total Sodium | 200.7 | 0.050 | 0.069 | mg/L | AME | 9/25/2020 | 1333 |
| Total Copper | 200.7 | 0.001 | 0.008 | mg/L | AME | 9/25/2020 | 1333 |
| Total Aluminum | 200.7 | 0.050 | < 0.050 | mg/L | AME | 9/25/2020 | 1333 |
| Total Iron | 200.7 | 0.010 | 0.207 | mg/L | AME | 9/25/2020 | 1333 |
| Total Chromium | 200.7 | 0.001 | < 0.001 | mg/L | AME | 9/25/2020 | 1333 |
| Total Molybdenum | 200.7 | 0.005 | < 0.005 | mg/L | AME | 9/25/2020 | 1333 |
| Silica (Reactive) | *4500SiO2C | 2 | < 2 | mg/L | SEH | 9/24/2020 | 1420 |

James R. Reed & Associates
770 Pilot House Drive, Newport News, VA 23606
(757) 873-4703 • Fax: (757) 873-1498

VELAP# 460013
EPA# VA00015



REPORT OF ANALYSIS

SAMPLE ID: DIRC BOX BEAM RIGHT
SAMPLE NO: 20-15850

| Parameter | Method Number | JRA QL | Result | Unit | Analyst | Date | Time |
|-----------|------------------|-----------|--------|------|---------|------|------|
|-----------|------------------|-----------|--------|------|---------|------|------|

NOTES:

JRA Quantification Level is the concentration of the lowest calibration standard above zero with a reliable signal.

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The results on this report relate only to the sample(s) provided for analysis.

Results conform to TNI standards, where applicable, unless otherwise indicated.

*SM 2011

RESPECTFULLY SUBMITTED



Elaine Claiborne
Laboratory Director

Date: 28-Sep-20

James R. Reed & Associates

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