## Analytical Testing Parameters

### Client Sample ID: BRB1
- **Sample Matrix:** Wastewater
- **Lab Sample ID:** 22E0222-01
- **Collection Date:** 05/04/2022
- **Collected By:** John Lynch / Gilbert Lookingland

#### Enterococci
- **Method:** Enterolert
- **Result:** 34
- **Limit(s):** 1.0 MPN/100mL
- **Units:** 05/04/22 1600 05/05/22 1845
- **Analyst:** NMN

#### Escherichia coli
- **Method:** SM 9223 B (Colilert Quanti-Tray)-1997
- **Result:** 140
- **Limit(s):** 1.0 MPN/100mL
- **Units:** 05/04/22 1610 05/05/22 1400
- **Analyst:** NMN

### Client Sample ID: BRB2
- **Sample Matrix:** Wastewater
- **Lab Sample ID:** 22E0222-02
- **Collection Date:** 05/04/2022
- **Collected By:** John Lynch / Gilbert Lookingland

#### Enterococci
- **Method:** Enterolert
- **Result:** 31
- **Limit(s):** 1.0 MPN/100mL
- **Units:** 05/04/22 1600 05/05/22 1845
- **Analyst:** NMN

#### Escherichia coli
- **Method:** SM 9223 B (Colilert Quanti-Tray)-1997
- **Result:** 52
- **Limit(s):** 1.0 MPN/100mL
- **Units:** 05/04/22 1610 05/05/22 1400
- **Analyst:** NMN

### Client Sample ID: BRB3
- **Sample Matrix:** Wastewater
- **Lab Sample ID:** 22E0222-03
- **Collection Date:** 05/04/2022
- **Collected By:** John Lynch / Gilbert Lookingland

#### Enterococci
- **Method:** Enterolert
- **Result:** 36
- **Limit(s):** 1.0 MPN/100mL
- **Units:** 05/04/22 1600 05/05/22 1845
- **Analyst:** NMN

#### Escherichia coli
- **Method:** SM 9223 B (Colilert Quanti-Tray)-1997
- **Result:** 26
- **Limit(s):** 1.0 MPN/100mL
- **Units:** 05/04/22 1610 05/05/22 1400
- **Analyst:** NMN
## CERTIFICATE OF ANALYSIS

### 22E0222

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### Microbiology

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<th>Note</th>
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Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

### Definitions

- **MPN/100mL**: Most Probable Number per 100 Milliliters
- **RL**: Reporting Limit

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**Report Comments**

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. The services were provided under and subject to Microbac’s standard terms and conditions which can be located and reviewed at [https://www.microbac.com/standard-terms-conditions](https://www.microbac.com/standard-terms-conditions).

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**Reviewed and Approved By:**

Brittany Spraker  
Project Manager  
Reported: 05/06/2022 10:29
Cooler Receipt Form / Sample
Acceptance & Noncompliance Form

Number of Coolers Received: 1
Client: MOE
Form Completed By: Omietz
Shipper:
Custody Tape Intact:
Containers Intact:
Sample Received on Ice or refrigerated:
Chain of Custody Present with shipment:
Sample Bottle IDs agree with COC:
Preservation requirements met:
Correct Number of Containers / Sample Volume:
Headspace in container:
Type of Sample:

Container Type / Quantity:

A - Unpreserved H2SO4 HNO3 HCl NaOH NaOH/Ascorbic Acid: If preserved pH < 2, pH > 10
B - Unpreserved H2SO4 HNO3 HCl NaOH NaOH/Ascorbic Acid: If preserved pH < 2, pH > 10
C - Unpreserved H2SO4 HNO3 HCl NaOH NaOH/Ascorbic Acid: If preserved pH < 2, pH > 10
D - Unpreserved H2SO4 HNO3 HCl NaOH NaOH/Ascorbic Acid: If preserved pH < 2, pH > 10
E - Unpreserved H2SO4 HNO3 HCl NaOH NaOH/Ascorbic Acid: If preserved pH < 2, pH > 10
F - Unpreserved NaTHIO (Checked at time of Analysis)
G - Unpreserved NaTHIO (Checked at time of Analysis)
H - Unpreserved H2SO4 HNO3 HCl NaOH NaOH/Ascorbic Acid: If preserved pH < 2, pH > 10
I - Unpreserved H2SO4 HNO3 HCl NaOH NaOH/Ascorbic Acid: If preserved pH < 2, pH > 10
J - Unpreserved H2SO4 HNO3 HCl NaOH NaOH/Ascorbic Acid: If preserved pH < 2, pH > 10
K - Unpreserved H2SO4 HNO3 HCl NaOH NaOH/Ascorbic Acid: If preserved pH < 2, pH > 10
L - Unpreserved H2SO4 HNO3 HCl NaOH NaOH/Ascorbic Acid: If preserved pH < 2, pH > 10
M - Unpreserved H2SO4 HNO3 HCl NaOH NaOH/Ascorbic Acid: If preserved pH < 2, pH > 10
N - Unpreserved H2SO4 HNO3 HCl NaOH NaOH/Ascorbic Acid: If preserved pH < 2, pH > 10
O - Unpreserved H2SO4 HNO3 HCl NaOH NaOH/Ascorbic Acid: If preserved pH < 2, pH > 10
P - Unpreserved H2SO4 HNO3 HCl NaOH NaOH/Ascorbic Acid: If preserved pH < 2, pH > 10
Q - Unpreserved H2SO4 HNO3 HCl NaOH NaOH/Ascorbic Acid: If preserved pH < 2, pH > 10

Describe preservation requirements not met:
All Acid preserved < pH 2 NaOH preserved > 12 pH All others > 2 and < 10 (usually 4-8)
Sample ID: H2SO4 HNO3 NaOH mls added
Sample ID: H2SO4 HNO3 NaOH mls added
Sample ID: H2SO4 HNO3 NaOH mls added
Sample ID: H2SO4 HNO3 NaOH mls added

H2SO4 – Sulfuric Acid, HNO3 – Nitric Acid, NaOH – Sodium Hydroxide, ASC – Ascorbic Acid, NaTHIO – Sodium Thiosulfate

Describe Anomalies:

Contact information / Summary of Actions:
Date / Time: Contact: Contact By:
Comments: