# SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 10/24/25 09:35 |
| Project: | Buffington | Date Received: | 10/24/25 |
| Client Sample ID: | MW2 | SDG No.: | Q3464 |
| Lab Sample ID: | Q3464-01 | Matrix: | WATER |
| | | % Solid: | 0 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Alkalinity | 136 | | 1 | 1.00 | 2.00 | mg/L | | 11/04/25 08:41 | SM 2320 B-21 |
| Sulfate | 1080 | OR | 1 | 0.46 | 3.00 | mg/L | | 10/27/25 13:04 | 300.0 |
| COD | 25.9 | | 1 | 1.50 | 10.0 | mg/L | | 10/30/25 13:52 | SM 5220 D-11 |

Comments: The alkalinity to pH 4.29=136 mg CaCO3/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 10/24/25 09:35 |
| Project: | Buffington | Date Received: | 10/24/25 |
| Client Sample ID: | MW2DL | SDG No.: | Q3464 |
| Lab Sample ID: | Q3464-01DL | Matrix: | WATER |
| | | % Solid: | 0 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 764 | D | 50 | 23.0 | 150 | mg/L | | 10/27/25 14:30 | 300.0 |

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 10/24/25 09:55 |
| Project: | Buffington | Date Received: | 10/24/25 |
| Client Sample ID: | MW3 | SDG No.: | Q3464 |
| Lab Sample ID: | Q3464-02 | Matrix: | WATER |
| | | % Solid: | 0 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Alkalinity | 258 | | 1 | 1.00 | 2.00 | mg/L | | 11/04/25 08:50 | SM 2320 B-21 |
| Sulfate | 373 | OR | 1 | 0.46 | 3.00 | mg/L | | 10/27/25 14:09 | 300.0 |
| COD | 37.0 | | 1 | 1.50 | 10.0 | mg/L | | 10/30/25 13:54 | SM 5220 D-11 |

Comments: The alkalinity to pH 4.27=258 mg CaCO3/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 10/24/25 09:55 |
| Project: | Buffington | Date Received: | 10/24/25 |
| Client Sample ID: | MW3DL | SDG No.: | Q3464 |
| Lab Sample ID: | Q3464-02DL | Matrix: | WATER |
| | | % Solid: | 0 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 291 | D | 20 | 9.20 | 60.0 | mg/L | | 10/27/25 14:52 | 300.0 |

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

# QC RESULT SUMMARY

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# Initial and Continuing Calibration Verification

**Client:** G Environmental **SDG No.:** Q3464

**Project:** Buffington **RunNo.:** LB137654

| Analyte | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|---|---|---|---|---|---|---|
| **Sample ID: ICV1** | | | | | | |
| Bromide | mg/L | 9.8 | 10 | 98 | 90-110 | 10/09/2025 |
| Chloride | mg/L | 2.9 | 3 | 97 | 90-110 | 10/09/2025 |
| Fluoride | mg/L | 2 | 2 | 100 | 90-110 | 10/09/2025 |
| Nitrite | mg/L | 2.9 | 3 | 97 | 90-110 | 10/09/2025 |
| Nitrate | mg/L | 2.4 | 2.5 | 96 | 90-110 | 10/09/2025 |
| Sulfate | mg/L | 14.7 | 15 | 98 | 90-110 | 10/09/2025 |
| Orthophosphate as P | mg/L | 5 | 5 | 100 | 90-110 | 10/09/2025 |
| **Sample ID: CCV1** | | | | | | |
| Bromide | mg/L | 10.3 | 10 | 103 | 90-110 | 10/27/2025 |
| Chloride | mg/L | 3.1 | 3 | 103 | 90-110 | 10/27/2025 |
| Fluoride | mg/L | 2 | 2 | 100 | 90-110 | 10/27/2025 |
| Nitrite | mg/L | 3.1 | 3 | 103 | 90-110 | 10/27/2025 |
| Nitrate | mg/L | 2.6 | 2.5 | 104 | 90-110 | 10/27/2025 |
| Sulfate | mg/L | 15.2 | 15 | 101 | 90-110 | 10/27/2025 |
| Orthophosphate as P | mg/L | 4.7 | 5 | 94 | 90-110 | 10/27/2025 |
| **Sample ID: CCV2** | | | | | | |
| Bromide | mg/L | 10.3 | 10 | 103 | 90-110 | 10/27/2025 |
| Chloride | mg/L | 3.1 | 3 | 103 | 90-110 | 10/27/2025 |
| Fluoride | mg/L | 2 | 2 | 100 | 90-110 | 10/27/2025 |
| Nitrite | mg/L | 3.1 | 3 | 103 | 90-110 | 10/27/2025 |
| Nitrate | mg/L | 2.6 | 2.5 | 104 | 90-110 | 10/27/2025 |
| Sulfate | mg/L | 15.2 | 15 | 101 | 90-110 | 10/27/2025 |
| Orthophosphate as P | mg/L | 4.8 | 5 | 96 | 90-110 | 10/27/2025 |

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# Initial and Continuing Calibration Verification

**Client:** G Environmental **SDG No.:** Q3464

**Project:** Buffington **RunNo.:** LB137720

| Analyte | | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|---|---|---|---|---|---|---|---|
| **Sample ID:** | **ICV** | | | | | | |
| COD | | mg/L | 50.173 | 50 | 100 | 95-105 | 09/08/2025 |
| **Sample ID:** | **CCV1** | | | | | | |
| COD | | mg/L | 49.161 | 50 | 98 | 95-105 | 10/30/2025 |
| **Sample ID:** | **CCV2** | | | | | | |
| COD | | mg/L | 48.150 | 50 | 96 | 95-105 | 10/30/2025 |

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# Initial and Continuing Calibration Blank Summary

**Client:** G Environmental **SDG No.:** Q3464

**Project:** Buffington **RunNo.:** LB137654

| Analyte | Units | Result | Acceptance Limits | Conc Qual | MDL | RDL | Analysis Date |
|---|---|---|---|---|---|---|---|
| **Sample ID:** ICB1 | | | | | | | |
| Bromide | mg/L | < 1.0000 | 1.0000 | U | 0.37 | 2 | 10/09/2025 |
| Chloride | mg/L | < 0.3000 | 0.3000 | U | 0.19 | 0.6 | 10/09/2025 |
| Fluoride | mg/L | < 0.2000 | 0.2000 | U | 0.11 | 0.4 | 10/09/2025 |
| Nitrite | mg/L | < 0.3000 | 0.3000 | U | 0.074 | 0.6 | 10/09/2025 |
| Nitrate | mg/L | < 0.2500 | 0.2500 | U | 0.095 | 0.5 | 10/09/2025 |
| Sulfate | mg/L | < 1.5000 | 1.5000 | U | 0.46 | 3 | 10/09/2025 |
| Orthophosphate as P | mg/L | < 0.5000 | 0.5000 | U | 0.34 | 1 | 10/09/2025 |
| **Sample ID:** CCB1 | | | | | | | |
| Bromide | mg/L | < 1.0000 | 1.0000 | U | 0.37 | 2 | 10/27/2025 |
| Chloride | mg/L | < 0.3000 | 0.3000 | U | 0.19 | 0.6 | 10/27/2025 |
| Fluoride | mg/L | < 0.2000 | 0.2000 | U | 0.11 | 0.4 | 10/27/2025 |
| Nitrite | mg/L | < 0.3000 | 0.3000 | U | 0.074 | 0.6 | 10/27/2025 |
| Nitrate | mg/L | < 0.2500 | 0.2500 | U | 0.095 | 0.5 | 10/27/2025 |
| Sulfate | mg/L | < 1.5000 | 1.5000 | U | 0.46 | 3 | 10/27/2025 |
| Orthophosphate as P | mg/L | < 0.5000 | 0.5000 | U | 0.34 | 1 | 10/27/2025 |
| **Sample ID:** CCB2 | | | | | | | |
| Bromide | mg/L | < 1.0000 | 1.0000 | U | 0.37 | 2 | 10/27/2025 |
| Chloride | mg/L | < 0.3000 | 0.3000 | U | 0.19 | 0.6 | 10/27/2025 |
| Fluoride | mg/L | < 0.2000 | 0.2000 | U | 0.11 | 0.4 | 10/27/2025 |
| Nitrite | mg/L | < 0.3000 | 0.3000 | U | 0.074 | 0.6 | 10/27/2025 |
| Nitrate | mg/L | < 0.2500 | 0.2500 | U | 0.095 | 0.5 | 10/27/2025 |
| Sulfate | mg/L | < 1.5000 | 1.5000 | U | 0.46 | 3 | 10/27/2025 |
| Orthophosphate as P | mg/L | < 0.5000 | 0.5000 | U | 0.34 | 1 | 10/27/2025 |

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# Initial and Continuing Calibration Blank Summary

**Client:** G Environmental **SDG No.:** Q3464

**Project:** Buffington **RunNo.:** LB137720

| Analyte | | Units | Result | Acceptance Limits | Conc Qual | MDL | RDL | Analysis Date |
|---|---|---|---|---|---|---|---|---|
| Sample ID: | ICB | | | | | | | |
| COD | | mg/L | < 5.0000 | 5.0000 | U | 1.50 | 10 | 09/08/2025 |
| Sample ID: | CCB1 | | | | | | | |
| COD | | mg/L | < 5.0000 | 5.0000 | U | 1.50 | 10 | 10/30/2025 |
| Sample ID: | CCB2 | | | | | | | |
| COD | | mg/L | < 5.0000 | 5.0000 | U | 1.50 | 10 | 10/30/2025 |

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# Preparation Blank Summary

**Client:** G Environmental **SDG No.:** Q3464

**Project:** Buffington

| Analyte | Units | Result | Acceptance Limits | Conc Qual | MDL | RDL | Analysis Date |
|---|---|---|---|---|---|---|---|
| **Sample ID:** LB137654BLW | | | | | | | |
| Bromide | mg/L | < 1.0000 | 1.0000 | U | 0.37 | 2 | 10/27/2025 |
| Chloride | mg/L | < 0.3000 | 0.3000 | U | 0.19 | 0.6 | 10/27/2025 |
| Fluoride | mg/L | < 0.2000 | 0.2000 | U | 0.11 | 0.4 | 10/27/2025 |
| Nitrite | mg/L | < 0.3000 | 0.3000 | U | 0.074 | 0.6 | 10/27/2025 |
| Nitrate | mg/L | < 0.2500 | 0.2500 | U | 0.095 | 0.5 | 10/27/2025 |
| Sulfate | mg/L | < 1.5000 | 1.5000 | U | 0.46 | 3 | 10/27/2025 |
| Orthophosphate as P | mg/L | < 0.5000 | 0.5000 | U | 0.34 | 1 | 10/27/2025 |
| **Sample ID:** LB137720BL | | | | | | | |
| COD | mg/L | < 5.0000 | 5.0000 | U | 1.5 | 10.0 | 10/30/2025 |
| **Sample ID:** LB137753BLW | | | | | | | |
| Alkalinity | mg/L | < 1.0000 | 1.0000 | U | 1 | 2 | 11/04/2025 |

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# Matrix Spike Summary

**Client:** G Environmental
**SDG No.:** Q3464
**Project:** Buffington
**Sample ID:** Q3464-01
**Client ID:** MW2MS
**Percent Solids for Spike Sample:** 0

| Analyte | Units | Acceptance Limit %R | Spiked Result | Conc. Qualifier | Sample Result | Conc. Qualifier | Spike Added | Dilution Factor | % Rec | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|---|
| COD | mg/L | 75-125 | 73.4 | | 25.9 | | 50.0 | 1 | 95 | | 10/30/2025 |
| Bromide | mg/L | 80-120 | 10.1 | | 0.37 | U | 10 | 1 | 101 | | 10/27/2025 |
| Chloride | mg/L | 80-120 | 12.6 | OR | 9.90 | OR | 3 | 1 | 90 | | 10/27/2025 |
| Fluoride | mg/L | 80-120 | 2.30 | | 0.28 | J | 2 | 1 | 101 | | 10/27/2025 |
| Nitrite | mg/L | 80-120 | 3.10 | | 0.23 | J | 3 | 1 | 96 | | 10/27/2025 |
| Nitrate | mg/L | 80-120 | 6.90 | OR | 4.60 | | 2.5 | 1 | 92 | | 10/27/2025 |
| Sulfate | mg/L | 80-120 | 1050 | OR | 1080 | OR | 15 | 1 | -200 | * | 10/27/2025 |
| Orthophosphate as P | mg/L | 80-120 | 5.30 | | 0.34 | U | 5 | 1 | 106 | | 10/27/2025 |

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# Matrix Spike Summary

**Client:** G Environmental
**Project:** Buffington
**Client ID:** MW2MSD

**SDG No.:** Q3464
**Sample ID:** Q3464-01
**Percent Solids for Spike Sample:** 0

| Analyte | Units | Acceptance Limit %R | Spiked Result | Conc. Qualifier | Sample Result | Conc. Qualifier | Spike Added | Dilution Factor | % Rec | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|---|
| COD | mg/L | 75-125 | 75.5 | | 25.9 | | 50.0 | 1 | 99 | | 10/30/2025 |
| Bromide | mg/L | 80-120 | 9.70 | | 0.37 | U | 10 | 1 | 97 | | 10/27/2025 |
| Chloride | mg/L | 80-120 | 12.5 | OR | 9.90 | OR | 3 | 1 | 87 | | 10/27/2025 |
| Fluoride | mg/L | 80-120 | 2.20 | | 0.28 | J | 2 | 1 | 96 | | 10/27/2025 |
| Nitrite | mg/L | 80-120 | 3.00 | | 0.23 | J | 3 | 1 | 92 | | 10/27/2025 |
| Nitrate | mg/L | 80-120 | 6.80 | OR | 4.60 | | 2.5 | 1 | 88 | | 10/27/2025 |
| Sulfate | mg/L | 80-120 | 1050 | OR | 1080 | OR | 15 | 1 | -200 | * | 10/27/2025 |
| Orthophosphate as P | mg/L | 80-120 | 4.90 | | 0.34 | U | 5 | 1 | 98 | | 10/27/2025 |

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# Duplicate Sample Summary

**Client:** G Environmental
**Project:** Buffington
**Client ID:** MW2DUP

**SDG No.:** Q3464
**Sample ID:** Q3464-01
**Percent Solids for Spike Sample:** 0

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/ AD | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| COD | mg/L | +/-20 | 25.9 | | 24.9 | | 1 | 3.94 | | 10/30/2025 |
| Alkalinity | mg/L | +/-20 | 136 | | 136 | | 1 | 0 | | 11/04/2025 |

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# Duplicate Sample Summary

**Client:** G Environmental
**Project:** Buffington
**Client ID:** MW2MSD

**SDG No.:** Q3464
**Sample ID:** Q3464-01
**Percent Solids for Spike Sample:** 0

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/ AD | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | mg/L | +/-20 | 1050 | OR | 1050 | OR | 1 | 0 | | 10/27/2025 |
| Chloride | mg/L | +/-20 | 12.6 | OR | 12.5 | OR | 1 | 1 | | 10/27/2025 |
| Nitrate | mg/L | +/-20 | 6.90 | OR | 6.80 | OR | 1 | 1 | | 10/27/2025 |
| Nitrite | mg/L | +/-20 | 3.10 | | 3.00 | | 1 | 3 | | 10/27/2025 |
| Bromide | mg/L | +/-20 | 10.1 | | 9.70 | | 1 | 4 | | 10/27/2025 |
| Fluoride | mg/L | +/-20 | 2.30 | | 2.20 | | 1 | 4 | | 10/27/2025 |
| Orthophosphate as P | mg/L | +/-20 | 5.30 | | 4.90 | | 1 | 8 | | 10/27/2025 |
| COD | mg/L | +/-20 | 73.4 | | 75.5 | | 1 | 2.82 | | 10/30/2025 |

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# Laboratory Control Sample Summary

**Client:** G Environmental **SDG No.:** Q3464

**Project:** Buffington **Run No.:** LB137654

| Analyte | Units | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|---|---|---|---|---|---|---|---|---|
| **Sample ID** LB137654BSW | | | | | | | | |
| Bromide | mg/L | 10 | 10.3 | | 103 | 1 | 90-110 | 10/27/2025 |
| Chloride | mg/L | 3 | 3.10 | | 103 | 1 | 90-110 | 10/27/2025 |
| Fluoride | mg/L | 2 | 2.00 | | 100 | 1 | 90-110 | 10/27/2025 |
| Nitrite | mg/L | 3 | 3.10 | | 103 | 1 | 90-110 | 10/27/2025 |
| Nitrate | mg/L | 2.5 | 2.60 | | 104 | 1 | 90-110 | 10/27/2025 |
| Sulfate | mg/L | 15 | 15.5 | | 103 | 1 | 90-110 | 10/27/2025 |
| Orthophosphate as P | mg/L | 5 | 5.00 | | 100 | 1 | 90-110 | 10/27/2025 |

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# Laboratory Control Sample Summary

**Client:** G Environmental **SDG No.:** Q3464

**Project:** Buffington **Run No.:** LB137720

| Analyte | Units | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|---|---|---|---|---|---|---|---|---|
| **Sample ID** LB137720BS | | | | | | | | |
| COD | mg/L | 50 | 51.2 | | 102 | 1 | 90-110 | 10/30/2025 |

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# Laboratory Control Sample Summary

**Client:** G Environmental **SDG No.:** Q3464

**Project:** Buffington **Run No.:** LB137753

| Analyte | Units | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|---|---|---|---|---|---|---|---|---|
| **Sample ID** LB137753BSW | | | | | | | | |
| Alkalinity | mg/L | 50 | 57.3 | | 115 | 1 | 80-120 | 11/04/2025 |

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**Instrument ID:** IC-1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137654

| | | | |
|---|---|---|---|
| Review By | rubina | Review On | 10/30/2025 9:13:04 AM |
| Supervise By | Iwona | Supervise On | 10/30/2025 10:03:16 AM |
| SubDirectory | LB137654 | Test | Anions |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | WP115135,WP115136,WP115137,WP115138,WP115139,WP115140,WP115141 |
| ICV Standard | WP115142 |
| CCV Standard | WP115346 |
| ICSA Standard | N/A |
| CRI Standard | N/A |
| LCS Standard | WP115347 |
| Chk Standard | WP115144,WP115345 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | STD1 | STD1 | CAL1 | 10/09/25 10:46 | All standards, samples, and | RM/IZ | OK |
| 2 | STD2 | STD2 | CAL2 | 10/09/25 11:08 | QC are filtered through | RM/IZ | OK |
| 3 | STD3 | STD3 | CAL3 | 10/09/25 11:29 | 0.45um, filter lot W3160 | RM/IZ | OK |
| 4 | STD4 | STD4 | CAL4 | 10/09/25 11:51 | | RM/IZ | OK |
| 5 | STD5 | STD5 | CAL5 | 10/09/25 12:12 | | RM/IZ | OK |
| 6 | STD6 | STD6 | CAL6 | 10/09/25 12:34 | | RM/IZ | OK |
| 7 | STD7 | STD7 | CAL7 | 10/09/25 12:55 | | RM/IZ | OK |
| 8 | ICV1 | ICV1 | ICV | 10/09/25 13:16 | | RM/IZ | OK |
| 9 | ICB1 | ICB1 | ICB | 10/09/25 13:38 | | RM/IZ | OK |
| 10 | CCV1 | CCV1 | CCV | 10/27/25 11:38 | | RM/IZ | OK |
| 11 | CCB1 | CCB1 | CCB | 10/27/25 12:00 | | RM/IZ | OK |
| 12 | LB137654BLW | LB137654BLW | MB | 10/27/25 12:21 | | RM/IZ | OK |
| 13 | LB137654BSW | LB137654BSW | LCS | 10/27/25 12:43 | | RM/IZ | OK |
| 14 | Q3464-01 | MW2 | SAM | 10/27/25 13:04 | SO4 is high , need dilution | RM/IZ | Dilution |
| 15 | Q3464-01MS | MW2MS | MS | 10/27/25 13:26 | 9.5ml of sample, 0.5mL W3096 | RM/IZ | OK |
| 16 | Q3464-01MSD | MW2MSD | MSD | 10/27/25 13:47 | 9.5ml of sample, 0.5mL W3096 | RM/IZ | OK |
| 17 | Q3464-02 | MW3 | SAM | 10/27/25 14:09 | SO4 is high , need dilution | RM/IZ | Dilution |
| 18 | Q3464-01DL | MW2DL | SAM | 10/27/25 14:30 | 50X For SO4 | RM/IZ | Confirms |

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**Instrument ID:** IC-1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137654

| | | | |
|---|---|---|---|
| Review By | rubina | Review On | 10/30/2025 9:13:04 AM |
| Supervise By | Iwona | Supervise On | 10/30/2025 10:03:16 AM |
| SubDirectory | LB137654 | Test | Anions |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | WP115135,WP115136,WP115137,WP115138,WP115139,WP115140,WP115141 |
| ICV Standard | WP115142 |
| CCV Standard | WP115346 |
| ICSA Standard | N/A |
| CRI Standard | N/A |
| LCS Standard | WP115347 |
| Chk Standard | WP115144,WP115345 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q3464-02DL | MW3DL | SAM | 10/27/25 14:52 | 20X For SO2 | RM/IZ | Confirms |
| 20 | CCV2 | CCV2 | CCV | 10/27/25 15:13 | | RM/IZ | OK |
| 21 | CCB2 | CCB2 | CCB | 10/27/25 15:35 | | RM/IZ | OK |

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Fax : 908 789 8922

**Instrument ID:** SPECTROPHOTOMETER-2

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137720

| | | | |
|---|---|---|---|
| Review By | lwona | Review On | 10/30/2025 2:26:38 PM |
| Supervise By | jignesh | Supervise On | 10/30/2025 3:34:51 PM |
| SubDirectory | LB137720 | Test | COD |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | N/A |
| ICV Standard | N/A |
| CCV Standard | N/A |
| ICSA Standard | N/A |
| CRI Standard | N/A |
| LCS Standard | N/A |
| Chk Standard | WP114659,WP114658,WP114656,WP114655,WP114654,WP114661,WP114657,W3230,WP115326,WP115327,WP1 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | CAL1 | CAL1 | CAL | 09/08/25 13:30 | | lwona | OK |
| 2 | CAL2 | CAL2 | CAL | 09/08/25 13:30 | | lwona | OK |
| 3 | CAL3 | CAL3 | CAL | 09/08/25 13:31 | | lwona | OK |
| 4 | CAL4 | CAL4 | CAL | 09/08/25 13:31 | | lwona | OK |
| 5 | CAL5 | CAL5 | CAL | 09/08/25 13:32 | | lwona | OK |
| 6 | CAL6 | CAL6 | CAL | 09/08/25 13:32 | | lwona | OK |
| 7 | ICV | ICV | ICV | 09/08/25 13:33 | | lwona | OK |
| 8 | ICB | ICB | ICB | 09/08/25 13:33 | | lwona | OK |
| 9 | CCV1 | CCV1 | CCV | 10/30/25 13:50 | | lwona | OK |
| 10 | CCB1 | CCB1 | CCB | 10/30/25 13:50 | | lwona | OK |
| 11 | RL Check | RL Check | RL | 10/30/25 13:51 | | lwona | OK |
| 12 | LB137720BL | LB137720BL | MB | 10/30/25 13:51 | | lwona | OK |
| 13 | LB137720BS | LB137720BS | LCS | 10/30/25 13:52 | | lwona | OK |
| 14 | Q3464-01 | MW2 | SAM | 10/30/25 13:52 | | lwona | OK |
| 15 | Q3464-01DUP | MW2DUP | DUP | 10/30/25 13:53 | | lwona | OK |
| 16 | Q3464-01MS | MW2MS | MS | 10/30/25 13:53 | | lwona | OK |
| 17 | Q3464-01MSD | MW2MSD | MSD | 10/30/25 13:54 | | lwona | OK |
| 18 | Q3464-02 | MW3 | SAM | 10/30/25 13:54 | | lwona | OK |

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**Instrument ID:** SPECTROPHOTOMETER-2

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137720

| | | | |
|---|---|---|---|
| Review By | Iwona | Review On | 10/30/2025 2:26:38 PM |
| Supervise By | jignesh | Supervise On | 10/30/2025 3:34:51 PM |
| SubDirectory | LB137720 | Test | COD |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | N/A |
| ICV Standard | N/A |
| CCV Standard | N/A |
| ICSA Standard | N/A |
| CRI Standard | N/A |
| LCS Standard | N/A |
| Chk Standard | WP114659,WP114658,WP114656,WP114655,WP114654,WP114661,WP114657,W3230,WP115326,WP115327,WP1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q3477-03 | SOUTH-MAHWAH-W | SAM | 10/30/25 13:55 | | Iwona | OK |
| 20 | CCV2 | CCV2 | CCV | 10/30/25 13:55 | | Iwona | OK |
| 21 | CCB2 | CCB2 | CCB | 10/30/25 13:56 | | Iwona | OK |

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**Instrument ID:** TITRATOR

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137753

| | | | |
|---|---|---|---|
| Review By | rubina | Review On | 11/5/2025 10:42:04 AM |
| Supervise By | Iwona | Supervise On | 11/5/2025 12:21:21 PM |
| SubDirectory | LB137753 | Test | Alkalinity |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | N/A |
| ICV Standard | N/A |
| CCV Standard | N/A |
| ICSA Standard | N/A |
| CRI Standard | N/A |
| LCS Standard | WP115422 |
| Chk Standard | W3217,W3178,W3150 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | LB137753BLW | LB137753BLW | MB | 11/04/25 08:30 | pH=3.57 | Eman | OK |
| 2 | LB137753BSW | LB137753BSW | LCS | 11/04/25 08:35 | pH=4.38 | Eman | OK |
| 3 | Q3464-01 | MW2 | SAM | 11/04/25 08:41 | pH=4.29 | Eman | OK |
| 4 | Q3464-01DUP | MW2DUP | DUP | 11/04/25 08:46 | pH=4.32 | Eman | OK |
| 5 | Q3464-02 | MW3 | SAM | 11/04/25 08:50 | pH=4.27 | Eman | OK |

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q3464 | **OrderDate:** | 10/24/2025 2:03:00 PM |
| **Client:** | G Environmental | **Project:** | Buffington |
| **Contact:** | Gary Landis | **Location:** | J51,VOA Lab |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q3464-01** | **MW2** | **WATER** | | | **10/24/25 09:35** | | | **10/24/25** |
| | | | Alkalinity | SM2320 B | | | 11/04/25 08:41 | |
| | | | Anions Group1 | 300.0 | | | 10/27/25 13:04 | |
| | | | COD | SM5220 D | | | 10/30/25 13:52 | |
| **Q3464-01DL** | **MW2DL** | **WATER** | | | **10/24/25 09:35** | | | **10/24/25** |
| | | | Anions Group1 | 300.0 | | | 10/27/25 14:30 | |
| **Q3464-02** | **MW3** | **WATER** | | | **10/24/25 09:55** | | | **10/24/25** |
| | | | Alkalinity | SM2320 B | | | 11/04/25 08:50 | |
| | | | Anions Group1 | 300.0 | | | 10/27/25 14:09 | |
| | | | COD | SM5220 D | | | 10/30/25 13:54 | |
| **Q3464-02DL** | **MW3DL** | **WATER** | | | **10/24/25 09:55** | | | **10/24/25** |
| | | | Anions Group1 | 300.0 | | | 10/27/25 14:52 | |