



July 15, 2024

Connie Sichts  
Town of Veedersburg  
Waste Water Treatment  
100 S. Main Street  
Veedersburg IN 47987-1526

Ms. Sichts,

I received your letter dated June 27, 2024 in regards to a violation of Masterguard's Industrial Wastewater Pretreatment Permit.

In your letter, you address the following violations of Total Chromium and Nickel.

- 1) The Town of Veedersburg collected 24-hour composite samples of Masterguard's effluent June 17 to June 18, 2024. Element Lab results indicated a violation of Total Chromium. Daily Maximum for Total Chromium is 2.62 mg/L, analysis 3.99 mg/L. Elements Lab results also indicate a violation of Nickel Daily Maximum for Nickel is 2.43 mg/L, analysis 3.50 mg/L.

Response: There was an operator issue in that 24-hour period and that operator is no longer employed at Masterguard.

We are continuing to monitor our system daily to ensure we are not violating our Industrial Wastewater Pretreatment Permit and mitigating any issues as soon as they arise.

If you have any further questions, please let me know.

Regards,

David Moody  
General Manager

cc: Holly Zurcher, IDEM

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# NONCOMPLIANCE 24-HOUR NOTIFICATION REPORT

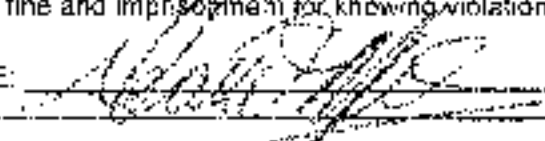
State Form 52145 (R / 10-13)

Indiana Department of Environmental Management

Office of Water Quality

**INSTRUCTIONS:** Complete all sections of this form and email it to Office of Water Quality, Compliance Data Section at [vwreports@idem.in.gov](mailto:vwreports@idem.in.gov). Thorough completion of this report will satisfy the Office of Water Quality (OWQ) telephone and 5 day written noncompliance notification reporting requirements of your NPDES permit. To speak with someone in OWQ, call (317) 232-8670.

Additionally, any noncompliance which may pose a significant danger to human health or the environment (including a fish kill) must be immediately reported to the Emergency Response Section spill response line at: (317) 233-7745 or toll free within Indiana at (888) 233-7745.

| FACILITY INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |                       |                                               |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------|-----------------------------------------------|-----------------|
| Facility Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | County               |                       | NPDES Permit Number                           |                 |
| Masterguard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Fountain             |                       | INP000188                                     |                 |
| Individual Reporting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Telephone Number     |                       | Reporting Date (month, day, year)             |                 |
| David Moody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 765-294-3454         |                       | 06/06/2024                                    |                 |
| Email Address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dmoody@flexngate.com |                       |                                               |                 |
| NONCOMPLIANCE INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |                       |                                               |                 |
| Date (month, day, year)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Outfall              | Parameter             | Permit Limit (Units/Daily/Weekly/Ave/Max/Min) | Monitored Value |
| June 18, 2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2                    | Cr (T) Chromium Total | 2.64 mg/L/Daily                               | 8.99 mg/L       |
| Date (month, day, year)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Outfall              | Parameter             | Permit Limit (Units/Daily/Weekly/Ave/Max/Min) | Monitored Value |
| June 18, 2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2                    | Nickel                | 2.43 mg/L/Daily                               | 3.50 mg/L       |
| Description of the Noncompliance and its Cause:<br>On June 27, 2024 Masterguard received a notice from the Town of Veedersburg on violations of Masterguards Industrial Wastewater Pretreatment permit. June 17 to June 18 Chromium Daily Maximum for Total Chromium 2.62 mg/L, analysis 8.99 mg/L and Nickel Daily Maximum for Nickel is 2.43 mg/L, analysis 3.50 mg/L.                                                                                                                                                                                                                                                                                       |                      |                       |                                               |                 |
| Description of the Period of Noncompliance, including Exact Dates and Time, and if the Noncompliance has not been Corrected the Anticipated Time it is Expected to Continue.<br>Site received this letter on June 27, 2024.                                                                                                                                                                                                                                                                                                                                                                                                                                    |                      |                       |                                               |                 |
| Steps Taken or Planned to Reduce, Eliminate, and Prevent Reoccurrence of the Noncompliance:<br>Noncompliance is currently under investigation and a response will be issued to IDEM and ToV within 20 days of the date of letter.                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |                       |                                               |                 |
| CERTIFICATION AND SIGNATURE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                      |                       |                                               |                 |
| I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. |                      |                       |                                               |                 |
| SIGNATURE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                       | DATE (month, day, year): 7-1-24               |                 |

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# TOWN OF ~~Indianapolis~~ VEEDERSBURG

100 S. Main St.  
Veedersburg, IN 47987-1526

Phone: 765-294-2728  
Fax: 765-294-2778

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June 27, 2024

Pam DeVault  
Masterguard Corporation  
1200 East 8<sup>th</sup> Street  
Veedersburg, IN 47987

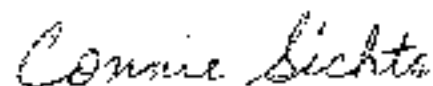
Dear Ms. DeVault:

This letter serves to notify you that the Town of Veedersburg has identified a violation of Masterguard's Industrial Wastewater Pretreatment Permit.

The Town of Veedersburg collected 24 hour composite samples of Masterguard's effluent June 17 to June 18, 2024. Element Lab results indicated a violation of Total ~~Chromium~~ Daily Maximum for Total Chromium is 2.62 mg/L, analyses 8.99 mg/L. Element Lab results also indicated a violation of ~~Nickel~~ Daily Maximum for Nickel is 2.43 mg/L, analyses 3.50 mg/L.

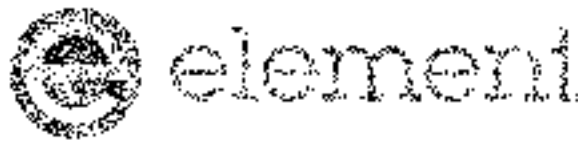
Within twenty (20) days of the receipt of this notice, an explanation of the violation and a plan for the satisfactory correction and prevention thereof, to include specific required actions, shall be submitted to the Town of Veedersburg.

Sincerely,



Connie Sichts  
Town of Veedersburg  
Certified Operator

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Element  
Suite 100, 328 Ley Road  
Fort Wayne, Indiana  
46825 United States

1-800-455-4642  
www.element.com  
info@element.com  
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June 26, 2024

Connie Sichts  
Veedersburg Wastewater  
100 S Main St  
Veedersburg, IN 47987

RE: V-Burg WWTP

Dear Connie Sichts,

Lot Id: 190407

Element Materials Technology – Fort Wayne received 12 sample(s) on 6/19/2024 for the analyses presented in the following report.

In accordance with your instructions, a laboratory of Element Materials Technology Fort Wayne LLC either conducted or subcontracted these analyses. Subcontracted analyses will be identified in an accompanying case narrative and any associated report(s) will be attached in full. Unless otherwise noted in the case narrative, all analyses were conducted using approved methodologies. Reported results relate only to the items tested.

Estimated uncertainty is available upon request. This report shall not be reproduced, except in full, without the written approval of the laboratory.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Nicole Breechey

Project Manager  
Suite 100, 328 Ley Road,  
Fort Wayne, IN 46825

| <u>Accreditation</u>  | <u>Cert #</u> |
|-----------------------|---------------|
| TNI:2016 (Florida)    | E871188       |
| ISO 17025:2017 (A2LA) | 6190.02       |
| Indiana – Fort Wayne  | C-02-03       |
| Indiana – Fort Wayne  | M-02-06       |
| Indiana – Columbus    | M-03-02       |
| Indiana – South Bend  | M-71-02       |

| <u>Accreditation</u> | <u>Cert #</u> |
|----------------------|---------------|
| Louisiana            | 235913        |
| Michigan             | 9030          |
| South Dakota         | --            |
| Tennessee            | 04911         |



**Analytical Report**

|                                                                                            |                                                                                                    |                                                                                                                                                              |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bill To: Veedersburg Wastewater<br>100 S Main St<br>Veedersburg IN, United States<br>47987 | Project ID: V-Burg WWTP<br>Project Name<br>Project Location:<br>LSD:<br>P.O.:<br>Proj. Acct. code: | Lot ID: <b>190407</b><br>Control Number:<br>Date Received: Jun 19, 2024<br>Date Reported: Jun 26, 2024<br>Report Number: 292095<br>Report Type: Final Report |
| Attn: Kristin Allen<br>Sampled By:<br>Company:                                             |                                                                                                    |                                                                                                                                                              |

Reference Number 190407-1

Sample Date 2024-06-11 07:25

Sample Description Masterguard

Sample Matrix Wastewater

| Analyte                                  |       | Result   | Units | Qual | DF | Detection Limit | Analysis Start Date/Time | Analyst Initials |
|------------------------------------------|-------|----------|-------|------|----|-----------------|--------------------------|------------------|
| <b>Metals - Total in Water by ICP-MS</b> |       |          |       |      |    |                 |                          |                  |
| Cadmium                                  | Total | <0.00020 | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:34       | FR               |
| Chromium                                 | Total | 0.333    | mg/L  |      | 1  | 0.0040          | Jun 21, 2024 05:34       | FR               |
| Copper                                   | Total | 0.0148   | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:34       | FR               |
| Lead                                     | Total | 0.00101  | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:34       | FR               |
| Nickel                                   | Total | 0.785    | mg/L  |      | 1  | 0.010           | Jun 21, 2024 05:34       | FR               |
| Zinc                                     | Total | 0.0953   | mg/L  |      | 1  | 0.00040         | Jun 21, 2024 05:34       | FR               |

Reference Number 190407-2

Sample Date 2024-06-11 09:00

Sample Description Effluent

Sample Matrix Wastewater

| Analyte                                  |       | Result   | Units | Qual | DF | Detection Limit | Analysis Start Date/Time | Analyst Initials |
|------------------------------------------|-------|----------|-------|------|----|-----------------|--------------------------|------------------|
| <b>Metals - Total in Water by ICP-MS</b> |       |          |       |      |    |                 |                          |                  |
| Cadmium                                  | Total | <0.00020 | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:34       | FR               |
| Chromium                                 | Total | 0.0805   | mg/L  |      | 1  | 0.00040         | Jun 21, 2024 05:34       | FR               |
| Copper                                   | Total | 0.00550  | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:34       | FR               |
| Lead                                     | Total | 0.00040  | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:34       | FR               |
| Nickel                                   | Total | 0.594    | mg/L  |      | 1  | 0.010           | Jun 21, 2024 05:34       | FR               |
| Zinc                                     | Total | 0.0423   | mg/L  |      | 1  | 0.00040         | Jun 21, 2024 05:34       | FR               |

Reference Number 190407-3

Sample Date 2024-06-11 09:00

Sample Description Influent

Sample Matrix Wastewater

| Analyte                                  |       | Result   | Units | Qual | DF | Detection Limit | Analysis Start Date/Time | Analyst Initials |
|------------------------------------------|-------|----------|-------|------|----|-----------------|--------------------------|------------------|
| <b>Metals - Total in Water by ICP-MS</b> |       |          |       |      |    |                 |                          |                  |
| Cadmium                                  | Total | <0.00020 | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:34       | FR               |
| Chromium                                 | Total | 0.195    | mg/L  |      | 1  | 0.0040          | Jun 21, 2024 05:34       | FR               |
| Copper                                   | Total | 0.0273   | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:34       | FR               |
| Lead                                     | Total | 0.00062  | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:34       | FR               |
| Nickel                                   | Total | 0.329    | mg/L  |      | 1  | 0.010           | Jun 21, 2024 05:34       | FR               |
| Zinc                                     | Total | 0.0573   | mg/L  |      | 1  | 0.00040         | Jun 21, 2024 05:34       | FR               |

Reference Number 190407-4

Sample Date 2024-06-12 07:15

Sample Description Masterguard

Sample Matrix Wastewater

| Analyte                                  |       | Result   | Units | Qual | DF | Detection Limit | Analysis Start Date/Time | Analyst Initials |
|------------------------------------------|-------|----------|-------|------|----|-----------------|--------------------------|------------------|
| <b>Metals - Total in Water by ICP-MS</b> |       |          |       |      |    |                 |                          |                  |
| Cadmium                                  | Total | <0.00020 | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:34       | FR               |
| Chromium                                 | Total | 0.113    | mg/L  |      | 1  | 0.0040          | Jun 21, 2024 05:34       | FR               |
| Copper                                   | Total | 0.0160   | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:34       | FR               |
| Lead                                     | Total | 0.00037  | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:34       | FR               |



**Analytical Report**

|                                                                                                                                               |                                                                                                     |                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bill To: Voedsenburg Wastewater<br>100 S Main St<br>Voedsenburg, IN, United States<br>47997<br>Attn: Kristin Allen<br>Sampled By:<br>Company: | Project ID: V-Burg WWTP<br>Project Name:<br>Project Location:<br>LSD:<br>P.O.:<br>Proj. Acct. code: | Lot ID: <b>190407</b><br>Control Number:<br>Date Received: Jun 19, 2024<br>Date Reported: Jun 26, 2024<br>Report Number: 292055<br>Report Type: Final Report |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|

 Reference Number **190407-4**  
 Sample Description Masterguard

 Sample Date 2024-06-12 07:15  
 Sample Matrix Wastewater

| Analyte                                              | Result | Units  | Qual | DF | Detection Limit | Analysis Start Date/Time | Analyst Initials |
|------------------------------------------------------|--------|--------|------|----|-----------------|--------------------------|------------------|
| <b>Metals - Total in Water by ICP-MS - Continued</b> |        |        |      |    |                 |                          |                  |
| Nickel                                               | Total  | 0.795  |      | 1  | 0.010           | Jun 21, 2024 05:34       | FR               |
| Zinc                                                 | Total  | 0.0789 |      | 1  | 0.00040         | Jun 21, 2024 05:34       | FR               |

 Reference Number **190407-5**  
 Sample Description Masterguard

 Sample Date 2024-06-13 06:00  
 Sample Matrix Wastewater

| Analyte                                  | Result | Units    | Qual | DF | Detection Limit | Analysis Start Date/Time | Analyst Initials |
|------------------------------------------|--------|----------|------|----|-----------------|--------------------------|------------------|
| <b>Metals - Total in Water by ICP-MS</b> |        |          |      |    |                 |                          |                  |
| Cadmium                                  | Total  | <0.00020 |      | 1  | 0.00020         | Jun 21, 2024 05:34       | FR               |
| Chromium                                 | Total  | 0.308    |      | 1  | 0.0040          | Jun 21, 2024 05:34       | FR               |
| Copper                                   | Total  | 0.0122   |      | 1  | 0.00020         | Jun 21, 2024 05:34       | FR               |
| Lead                                     | Total  | 0.00078  |      | 1  | 0.00020         | Jun 21, 2024 05:34       | FR               |
| Nickel                                   | Total  | 0.680    |      | 1  | 0.010           | Jun 21, 2024 05:34       | FR               |
| Zinc                                     | Total  | 0.0623   |      | 1  | 0.00040         | Jun 21, 2024 05:34       | FR               |

 Reference Number **190407-6**  
 Sample Description Masterguard

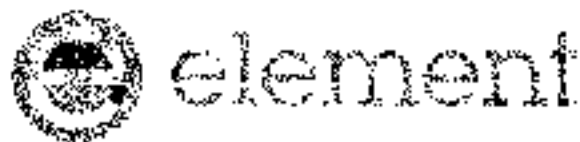
 Sample Date 2024-06-14 06:00  
 Sample Matrix Wastewater

| Analyte                                  | Result | Units    | Qual | DF | Detection Limit | Analysis Start Date/Time | Analyst Initials |
|------------------------------------------|--------|----------|------|----|-----------------|--------------------------|------------------|
| <b>Metals - Total in Water by ICP-MS</b> |        |          |      |    |                 |                          |                  |
| Cadmium                                  | Total  | <0.00020 |      | 1  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Chromium                                 | Total  | 0.306    |      | 1  | 0.0040          | Jun 21, 2024 05:35       | FR               |
| Copper                                   | Total  | 0.0137   |      | 1  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Lead                                     | Total  | 0.00075  |      | 1  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Nickel                                   | Total  | 0.761    |      | 1  | 0.010           | Jun 21, 2024 05:35       | FR               |
| Zinc                                     | Total  | 0.0418   |      | 1  | 0.00040         | Jun 21, 2024 05:35       | FR               |

 Reference Number **190407-7**  
 Sample Description Masterguard

 Sample Date 2024-06-18 07:55  
 Sample Matrix Wastewater

| Analyte                                  | Result | Units    | Qual | DF | Detection Limit | Analysis Start Date/Time | Analyst Initials |
|------------------------------------------|--------|----------|------|----|-----------------|--------------------------|------------------|
| <b>Metals - Total in Water by ICP-MS</b> |        |          |      |    |                 |                          |                  |
| Cadmium                                  | Total  | <0.00020 |      | -  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Chromium                                 | Total  | 8.99     |      | -  | 0.040           | Jun 21, 2024 05:35       | FR               |
| Copper                                   | Total  | 0.0358   |      | -  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Lead                                     | Total  | 0.00141  |      | -  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Nickel                                   | Total  | 3.50     |      | -  | 0.10            | Jun 21, 2024 05:35       | FR               |
| Zinc                                     | Total  | 0.0785   |      | -  | 0.00040         | Jun 21, 2024 05:35       | FR               |



Client:  
Site: 03, 3221, 3222, 3223  
Fort Wayne, Indiana  
43025, United States

Project: 190407-0101  
Sample:  
Influent Wastewater  
Wastewater Treatment

## Analytical Report

Bill To: Veedersburg Wastewater  
100 S Main St  
Veedersburg, IN, United States  
47987  
Attn: Kristin Allen  
Sampled By:  
Company:

Project ID: V-Burg WWTP  
Project Name:  
Project Location:  
LSD:  
P.O.:  
Proj. Acct. code:

Lot ID: **190407**  
Control Number:  
Date Received: Jun 19, 2024  
Date Reported: Jun 26, 2024  
Report Number: 292085  
Report Type: Final Report

Reference Number 190407-8

Sample Description Effluent

Sample Date 2024-06-18 06:00

Sample Matrix Wastewater

| Analyte                           |       | Result   | Units | Qual | DF | Detection Limit | Analysis Start Date/Time | Analyst Initials |
|-----------------------------------|-------|----------|-------|------|----|-----------------|--------------------------|------------------|
| Metals - Total in Water by ICP-MS |       |          |       |      |    |                 |                          |                  |
| Cadmium                           | Total | <0.00020 | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Chromium                          | Total | 0.0334   | mg/L  |      | 1  | 0.00040         | Jun 21, 2024 05:35       | FR               |
| Copper                            | Total | 0.00550  | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Lead                              | Total | 0.00020  | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Nickel                            | Total | 0.544    | mg/L  |      | 1  | 0.010           | Jun 21, 2024 05:35       | FR               |
| Zinc                              | Total | 0.0301   | mg/L  |      | 1  | 0.00040         | Jun 21, 2024 05:35       | FR               |

Reference Number 190407-9

Sample Description Influent

Sample Date 2024-06-18 08:00

Sample Matrix Wastewater

| Analyte                           |       | Result  | Units | Qual | DF | Detection Limit | Analysis Start Date/Time | Analyst Initials |
|-----------------------------------|-------|---------|-------|------|----|-----------------|--------------------------|------------------|
| Metals - Total in Water by ICP-MS |       |         |       |      |    |                 |                          |                  |
| Cadmium                           | Total | 0.00028 | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Chromium                          | Total | 1.52    | mg/L  |      | 1  | 0.040           | Jun 21, 2024 05:35       | FR               |
| Copper                            | Total | 0.0314  | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Lead                              | Total | 0.00130 | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Nickel                            | Total | 0.67    | mg/L  |      | 1  | 0.10            | Jun 21, 2024 05:35       | FR               |
| Zinc                              | Total | 0.142   | mg/L  |      | 1  | 0.0040          | Jun 21, 2024 05:35       | FR               |

Reference Number 190407-10

Sample Description Effluent

Sample Date 2024-06-19 08:00

Sample Matrix Wastewater

| Analyte                           |       | Result   | Units | Qual | DF | Detection Limit | Analysis Start Date/Time | Analyst Initials |
|-----------------------------------|-------|----------|-------|------|----|-----------------|--------------------------|------------------|
| Metals - Total in Water by ICP-MS |       |          |       |      |    |                 |                          |                  |
| Cadmium                           | Total | <0.00020 | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Chromium                          | Total | 0.0378   | mg/L  |      | 1  | 0.00040         | Jun 21, 2024 05:35       | FR               |
| Copper                            | Total | 0.00406  | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Lead                              | Total | <0.00020 | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Nickel                            | Total | 0.596    | mg/L  |      | 1  | 0.010           | Jun 21, 2024 05:35       | FR               |
| Zinc                              | Total | 0.0266   | mg/L  |      | 1  | 0.00040         | Jun 21, 2024 05:35       | FR               |

Reference Number 190407-11

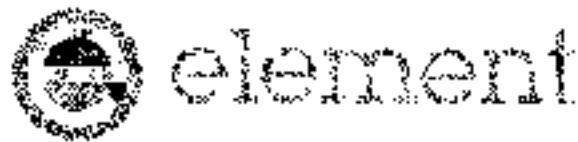
Sample Description Influent

Sample Date 2024-06-19 08:00

Sample Matrix Wastewater

| Analyte                           |       | Result   | Units | Qual | DF | Detection Limit | Analysis Start Date/Time | Analyst Initials |
|-----------------------------------|-------|----------|-------|------|----|-----------------|--------------------------|------------------|
| Metals - Total in Water by ICP-MS |       |          |       |      |    |                 |                          |                  |
| Cadmium                           | Total | <0.00020 | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Chromium                          | Total | 0.424    | mg/L  |      | 1  | 0.0040          | Jun 21, 2024 05:35       | FR               |
| Copper                            | Total | 0.0289   | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:35       | FR               |
| Lead                              | Total | 0.00115  | mg/L  |      | 1  | 0.00020         | Jun 21, 2024 05:35       | FR               |





Element  
Suite 100, 350 Ley Road  
Fort Wayne, Indiana  
46825, United States

T: +1 (317) 944-7300  
F: +1 (317) 944-7301  
E: [info@element.com](mailto:info@element.com)  
W: [www.element.com](http://www.element.com)

## Methodology and Notes

|                                 |                         |                             |
|---------------------------------|-------------------------|-----------------------------|
| Bill To: Veedersburg Wastewater | Project ID: V-Burg WWTP | Lot ID: <b>190407</b>       |
| 100 S Main St                   | Project Name:           | Control Number:             |
| Veedersburg, IN, United States  | Project Location:       | Date Received: Jun 19, 2024 |
| 47987                           | LSD:                    | Date Reported: Jun 26, 2024 |
| Attn: Kristin Allen             | P.O.:                   | Report Number: 292085       |
| Sampled By:                     | Proj. Accl. code:       | Report Type: Final Report   |
| Company:                        |                         |                             |

## Method of Analysis

| Method Name                  | Reference | Method                                                                                      | Date Analysis Started | Location   |
|------------------------------|-----------|---------------------------------------------------------------------------------------------|-----------------------|------------|
| Metals ICP-MS Total in water | EPA       | Trace Elements in Waters and Wastes by Inductively Coupled Plasma-Mass Spectrometry, E200.8 | Jun 21, 2024          | Fort Wayne |
| Metals ICP-MS Total in water | EPA       | Trace Elements in Waters and Wastes by Inductively Coupled Plasma-Mass Spectrometry, E200.8 | Jun 21, 2024          | Fort Wayne |

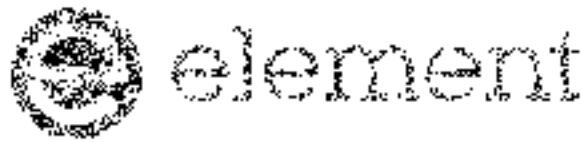
## References

|     |                                               |
|-----|-----------------------------------------------|
| EPA | United States Environmental Protection Agency |
|-----|-----------------------------------------------|

Please direct any inquiries regarding this report to our Client Services group.

Results relate only to samples as submitted.

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P.O. Box 100, 128102 Road  
46826, United States

Phone: (765) 461-6667  
Fax:  
E-Mail: [info@element.com](mailto:info@element.com)  
Web: [www.element.com](http://www.element.com)

## Report Transmission Cover Page

|                                 |                         |                             |
|---------------------------------|-------------------------|-----------------------------|
| Bill To: Veedersburg Wastewater | Project ID: V-Burg WWTP | Lot ID: <b>190407</b>       |
| 100 S Main St                   | Project Name:           | Control Number:             |
| Veedersburg, IN, United States  | Project Location:       | Date Received: Jan 19, 2024 |
| 47987                           | LSD:                    | Date Reported: Jan 26, 2024 |
| Attn: Kristin Allen             | P.O.:                   | Report Number: 292085       |
| Sampled By:                     | Proj. Acct. code:       | Report Type: Final Report   |
| Company:                        |                         |                             |

| Contact       | Company                | Address                                                                                                                              |
|---------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Connie Sichts | Veedersburg Wastewater | 100 S Main St<br>Veedersburg, IN 47987<br>Phone: (765) 254-2570<br>Email: <a href="mailto:v-burgwwtp@aol.net">v-burgwwtp@aol.net</a> |
|               |                        | Fax:                                                                                                                                 |
| Delivery      | Format                 | Deliverables                                                                                                                         |
| Email - Merge | PDF                    | COC / Test Report                                                                                                                    |

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## Sherry Laboratories - Chain of Custody Record

Publication:  
Number:

[illegible]

| Which Regulations Apply:                                                                                                                                                            |          | Turn Time                                                                                                                                                                               |      | Container                                                                                                                                                                            |          | Pres.                                                   |                  | Requested Tests                                                                                          |  |                                                                                                |  | Comments                                                                                                                         |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| <input type="checkbox"/> RCRA<br><input type="checkbox"/> POTW<br><input checked="" type="checkbox"/> SDWA<br><input type="checkbox"/> RCRA EPCRA<br><input type="checkbox"/> Other |          | <input type="checkbox"/> Drinking Water<br><input type="checkbox"/> Distribution<br><input type="checkbox"/> Special<br><input type="checkbox"/> Bulk<br><input type="checkbox"/> Other |      | <input type="checkbox"/> Standard<br><input checked="" type="checkbox"/> RSTSL<br><input type="checkbox"/> 1 Day<br><input type="checkbox"/> 2 Day<br><input type="checkbox"/> Other |          | will incur a surcharge and must be pre approved by lab. |                  | <input type="checkbox"/> Polyethylene<br><input type="checkbox"/> Glass<br><input type="checkbox"/> Vial |  | HCl, HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , NaOH, Na <sub>2</sub> SO <sub>4</sub> |  | Cr, Cu, Pb, Ni, Zn<br>Copper, Nickel<br>Cadmium<br>Cal Hardness<br>Mq Hardness<br>Chloride<br>Sulfate<br>TDS<br>Dissolved Nickel |  |  |  |
| Sample ID/Description                                                                                                                                                               | Date     | Time                                                                                                                                                                                    | Lab. | Matrix                                                                                                                                                                               | Quantity | Type                                                    |                  |                                                                                                          |  |                                                                                                |  |                                                                                                                                  |  |  |  |
| Masterguard                                                                                                                                                                         | 06-19-24 | 7:35 am                                                                                                                                                                                 | Comp | WW                                                                                                                                                                                   | 1        | P                                                       | HNO <sub>3</sub> | X                                                                                                        |  | X                                                                                              |  |                                                                                                                                  |  |  |  |
| Effluent                                                                                                                                                                            | 06-11-24 | 8:00 am                                                                                                                                                                                 | Comp | WW                                                                                                                                                                                   | 1        | P                                                       | HNO <sub>3</sub> | X                                                                                                        |  | X                                                                                              |  |                                                                                                                                  |  |  |  |
| Influent                                                                                                                                                                            | 06-11-24 | 8:00 am                                                                                                                                                                                 | Comp | WW                                                                                                                                                                                   | 1        | P                                                       | HNO <sub>3</sub> | X                                                                                                        |  | X                                                                                              |  |                                                                                                                                  |  |  |  |
| Masterguard                                                                                                                                                                         | 06-13-24 | 8:40 am                                                                                                                                                                                 | Comp | WW                                                                                                                                                                                   | 1        | P                                                       | HNO <sub>3</sub> | X                                                                                                        |  | X                                                                                              |  |                                                                                                                                  |  |  |  |
| Masterguard                                                                                                                                                                         | 06-14-24 | 8:00 am                                                                                                                                                                                 | Comp | WW                                                                                                                                                                                   | 1        | P                                                       | HNO <sub>3</sub> | X                                                                                                        |  | X                                                                                              |  |                                                                                                                                  |  |  |  |
| Masterguard                                                                                                                                                                         | 06-15-24 | 7:55 am                                                                                                                                                                                 | Comp | WW                                                                                                                                                                                   | 1        | P                                                       | HNO <sub>3</sub> | X                                                                                                        |  | X                                                                                              |  |                                                                                                                                  |  |  |  |
| Effluent                                                                                                                                                                            | 06-18-24 | 8:00 am                                                                                                                                                                                 | Comp | WW                                                                                                                                                                                   | 1        | P                                                       | HNO <sub>3</sub> | X                                                                                                        |  | X                                                                                              |  |                                                                                                                                  |  |  |  |
| Influent                                                                                                                                                                            | 06-18-24 | 8:00 am                                                                                                                                                                                 | Comp | WW                                                                                                                                                                                   | 1        | P                                                       | HNO <sub>3</sub> | X                                                                                                        |  | X                                                                                              |  |                                                                                                                                  |  |  |  |
| Retiquished by:                                                                                                                                                                     |          | Date/Time                                                                                                                                                                               |      | Received by:                                                                                                                                                                         |          | Date/Time                                               |                  | Field Notes:                                                                                             |  |                                                                                                |  |                                                                                                                                  |  |  |  |
| Comite Stehle                                                                                                                                                                       |          | 06-19-24 4:00                                                                                                                                                                           |      | [Signature]                                                                                                                                                                          |          | 06-19-24 1405                                           |                  |                                                                                                          |  |                                                                                                |  |                                                                                                                                  |  |  |  |
| 3                                                                                                                                                                                   |          | 06/19/24 1830                                                                                                                                                                           |      | [Signature]                                                                                                                                                                          |          | 06/19/24                                                |                  |                                                                                                          |  |                                                                                                |  |                                                                                                                                  |  |  |  |

SAMPLES MEET  
ACCEPTANCE POLICY

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Received at lab on 06/27/24  
 Yes ☐ No ☒ Temp. 28°C

All samples submitted to Sordy Laboratories for analysis are processed on a knowledge basis only. A written statement of opinion will be issued as to whether the samples

Shinto: La religión de los japoneses. No religión: un

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U.S. National Archives [25]

679 13th Avenue NE.

## **Faint White Boule**

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2417 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 104

$$K^{1/2} = 10.94 \pm 0.17$$

Suite 2000

Don Kingme: 7641803-122R

УЧЕБНИК

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2017-2018-2019

$$b_{\text{H.A.}} = 7.05 \times 10^{-7} \text{ s}^{-1} \text{ m}^{-1}$$

THE UNIVERSITY OF CHICAGO

100

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2  
3  
4  
5  
6

$$M = 4 \times 10^4 \text{ g/mol}, \quad \bar{M}_w = 1.4 \times 10^5 \text{ g/mol}, \quad \bar{M}_n = 4 \times 10^4 \text{ g/mol}$$





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