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

Accreditation

TNI:2016 (Florida)
ISO 17025:2017 (A2LA)
Indiana – Fort Wayne
Indiana – Fort Wayne
Indiana – Columbus
Indiana – South Bend

Cert #

E871168
6190.02
C-02-03
M-02-05
M-03-02
M-71-02

Accreditation

Louisiana
Michigan
South Dakota
Tennessee

Cert #

235913
9030
--
04911

Analytical Report

Bill To: Veedersburg Wastewater 100 S Main St Veedersburg, IN, United States 47987	Project ID: V-Burg WWTP Project Name: Project Location: LSD: P.O.:	Lot ID: 190407 Control Number: Date Received: Jun 19, 2024 Date Reported: Jun 26, 2024 Report Number: 292085 Report Type: Final Report
Attn: Kristin Allen	Proj. Acct. code:	
Sampled By:		
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	
Metals - Total in Water by ICP-MS								
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 08:00			
Sample Description		Effluent		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 05:34	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 08:00			
Sample Description		Influent		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 05:34	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	0.00092	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	0.0973	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	
Metals - Total in Water by ICP-MS								
Cadmium	Total	<0.00020	mg/L	1	0.00020	Jun 21, 2024 05:34	FR	
Chromium	Total	0.413	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	0.00067	mg/L	1	0.00020	Jun 21, 2024 05:34	FR	

Analytical Report

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

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
Metals - Total in Water by ICP-MS - Continued							
Nickel	Total	0.795	mg/L	1	0.010	Jun 21, 2024 05:34	FR
Zinc	Total	0.0798	mg/L	1	0.00040	Jun 21, 2024 05:34	FR

Reference Number	190407-5	Sample Date	2024-06-13 08:00				
Sample Description	Masterguard	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 05:34	FR
Chromium	Total	0.309	mg/L	1	0.0040	Jun 21, 2024 05:34	FR
Copper	Total	0.0122	mg/L	1	0.00020	Jun 21, 2024 05:34	FR
Lead	Total	0.00078	mg/L	1	0.00020	Jun 21, 2024 05:34	FR
Nickel	Total	0.680	mg/L	1	0.010	Jun 21, 2024 05:34	FR
Zinc	Total	0.0623	mg/L	1	0.00040	Jun 21, 2024 05:34	FR

Reference Number	190407-6	Sample Date	2024-06-14 08:00				
Sample Description	Masterguard	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	0.536	mg/L	1	0.0040	Jun 21, 2024 05:35	FR
Copper	Total	0.0137	mg/L	1	0.00020	Jun 21, 2024 05:35	FR
Lead	Total	0.00075	mg/L	1	0.00020	Jun 21, 2024 05:35	FR
Nickel	Total	0.761	mg/L	1	0.010	Jun 21, 2024 05:35	FR
Zinc	Total	0.0418	mg/L	1	0.00040	Jun 21, 2024 05:35	FR

Reference Number	190407-7	Sample Date	2024-06-18 07:55				
Sample Description	Masterguard	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	8.99	mg/L	1	0.040	Jun 21, 2024 05:35	FR
Copper	Total	0.0356	mg/L	1	0.00020	Jun 21, 2024 05:35	FR
Lead	Total	0.00141	mg/L	1	0.00020	Jun 21, 2024 05:35	FR
Nickel	Total	3.50	mg/L	1	0.10	Jun 21, 2024 05:35	FR
Zinc	Total	0.0785	mg/L	1	0.00040	Jun 21, 2024 05:35	FR

Analytical Report

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

Reference Number	190407-8	Sample Date	2024-06-18 08:00				
Sample Description	Effluent	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 Date	2024-06-18 08:00				
Sample Description	Influent	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 Date	2024-06-19 08:00				
Sample Description	Effluent	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	0.595	mg/L	1	0.010	Jun 21, 2024 05:35	FR
Zinc	Total	0.0296	mg/L	1	0.00040	Jun 21, 2024 05:35	FR


Reference Number	190407-11	Sample Date	2024-06-19 08:00				
Sample Description	Influent	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

Analytical Report

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

Reference Number	190407-11	Sample Date	2024-06-19 08:00					
Sample Description	Influent	Sample Matrix	Wastewater					
Analyte		Result	Units	Qual	DF	Detection Limit	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by ICP-MS - Continued								
Nickel	Total	0.414	mg/L		1	0.010	Jun 21, 2024 05:35	FR
Zinc	Total	0.160	mg/L		1	0.0040	Jun 21, 2024 05:35	FR

Reference Number	190407-12	Sample Date	2024-06-19 07:30					
Sample Description	Masterguard	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	0.855	mg/L		1	0.0040	Jun 21, 2024 05:35	FR
Copper	Total	0.0295	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	0.888	mg/L		1	0.010	Jun 21, 2024 05:35	FR
Zinc	Total	0.0443	mg/L		1	0.00040	Jun 21, 2024 05:35	FR

Approved by: 
 Nicole Breauchy
 Project Manager

Methodology and Notes

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

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.

The test report shall not be reproduced except in full, without the written approval of the laboratory.

Report Transmission Cover Page

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

Contact	Company	Address
Connie Sichts	Veedersburg Wastewater	100 S Main St Veedersburg, IN 47987 Phone: (765) 294-2570 Fax: Email: v-burgwwtp@att.net
<u>Delivery</u>	<u>Format</u>	<u>Deliverables</u>
Email - Merge	PDF	COC / Test Report

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Sherry Laboratories - Chain of Custody Record

Laboratory Number: **190407**

Company Name: **Town of Veedersburg** Billing Information: PO Number: Project Name/Number: **V-Burg WWTP** Page 1 of 2

Contact Name: **Connie Sichts** Quote Number: Required QC Level: **Connie Sichts** Matrix Code: DW = Drinking Water, WW = Waste Water, AQ = Aqueous, OT = Other, SL = Sludge, SOL = Solid, O = Oil, SO = Soil, F = Food, SW = Swab, NG = Natural Gas, NGL = Natural Gas Liquid, PW = Produced Water, CF = Completion Fluid

Address: **100 S Main Street** City, State Zip: **Veedersburg, IN 47987** Phone Number: **765-299-5136** Ext: **765-294-2570** Fax Number: **765-294-2570** E-mail Address: **v-burgwwtp@att.net**

Which Regulations Apply:

RCRA Drinking Water Standard Turn Time (Rush turn times will incur a surcharge and must be pre-approved by lab.)

POTW Distribution RUSH 1 Day 2 Day Other

NPDES Special

USDA/PDA State Other

RECAP/RISC Other

Sample ID/Description	Collection Information			Matrix	Quantity	Container Type P=Plastic, G=Glass, V=Vial	Pres.	Cr, Cu, Pb, Ni, Zn	Copper, Nickel	Cadmium	Cal Hardness	Mg Hardness	Chloride	Sulfate	TDS	Dissolved Nickel	Comments
	Date	Time	Grab/Composite														
Masterguard	06-11-24	7:25 am	Comp	WW	1	P	HNO ₃	X		X							
Effluent	06-11-24	8:00 am	Comp	WW	1	P	HNO ₃	X		X							
Influent	06-11-24	8:00 am	Comp	WW	1	P	HNO ₃	X		X							
Masterguard	06-12-24	7:15 am	Comp	WW	1	P	HNO ₃	X		X							
Masterguard	06-13-24	8:00 am	Comp	WW	1	P	HNO ₃	X		X							
Masterguard	06-14-24	8:00 am	Comp	WW	1	P	HNO ₃	X		X							
Masterguard	06-18-24	7:55 am	Comp	WW	1	P	HNO ₃	X		X							
Effluent	06-18-24	8:00 am	Comp	WW	1	P	HNO ₃	X		X							
Influent	06-18-24	8:00 am	Comp	WW	1	P	HNO ₃	X		X							

Relinquished by	Date/Time			Received by	Date/Time	Field Notes:
	Date	Time	Grab/Composite			
1 Connie Sichts	06-19-24	1405		[Signature]	06-19-24 1405	Received at lab on ice? <input type="checkbox"/> Yes <input type="checkbox"/> No Temp: 2.8°C
2 [Signature]	06-19-24	1830		[Signature]	06-19-24 1830	
3						

All samples submitted to Sherry Laboratories for analysis are accepted on a custodial basis only. Sherry Laboratories reserves the right to return un-

9301 Innovation Drive, Suite 125 PO Box 569 Daleville, IN 47334-0569 Fax: 765-378-4109

629 Washington St. Suite 300 Columbus, IN 47201 Fax: 812-375-0531

2121 East Washington Boulevard Fort Wayne, IN 46803-1328 Fax: 260-471-7777

560 South Warsaw, IN 47784 Fax: 260-471-7777

2417 W. Pinhook Rd Lafayette, LA 70508 Fax: 337-235-0483

Lot: **190407** COC

SAMPLES MEET ACCEPTANCE POLICY



Sherry Laboratories - Chain of Custody Record

Laboratory Number: **19 0407**

Client Information:	Billing Information:	PO Number:	Project Name/Number:	Page 2 of 2
Company Name: Town of Veedersburg	Same			
Contact Name: Connie Sichts	Quote Number:		V-Burg WW/TP	
Address: 100 S Main Street	Required QC Level		Sampler's Signature	
City, State Zip: Veedersburg, IN 47987			<i>Connie Sichts</i>	
Phone Number: 765-299-5136 Ext:			Shipping Method:	
Fax Number: 765-294-2570			Bill Monthly <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
E-mail Address: v-burgwwt@att.net			UPS / FedEx / Airborne	
			DHL / Sherry / Hand / Mail	

Matrix Code
 DW = Drinking Water
 WW = Waste Water
 GW = Ground Water
 AQ = Aqueous
 SL = Sludge
 O = Oil
 F = Food
 NG = Natural Gas
 NGL = Natural Gas Liquid
 PW = Produced Water
 CF = Completion Fluid

Sample ID/Description	Collection Information		Quantity	Container Type P=Plastic, G=Glass, V=Vial	Pres. HCl, HNO ₃ , H ₂ SO ₄ , NaOH, Na ₂ S ₂ O ₃	Cr, Cu, Pb, Ni, Zn	Copper, Nickel	Cadmium	Cal Hardness	Mg Hardness	Chloride	Sulfate	TDS	Dissolved Nickel	Comments
	Date	Time													
Effluent	06-19-24	8:00 am	1	P		X		X							
Influent	06-19-24	8:00 am	1	P	HNO ₃	X		X							
Masterguard	06-19-24	7:30 am	1	P	HNO ₃	X		X							

SAMPLES MEET ACCEPTANCE POLICY
 (Y) N

Relinquished by	Date/Time	Received by	Date/Time	Field Notes:
1 <i>Connie Sichts</i>	06-19-24	<i>[Signature]</i>	6/19/24 1405	
2 <i>[Signature]</i>	6/19/24	<i>[Signature]</i>	1830	
3				

All samples submitted to Sherry Laboratories for analysis are accepted on a custodial basis only. Ownership of the material remains with the client submitting the samples. Sherry Laboratories reserves the right to return unused sample portions.

9301 Innovation Drive, Suite 125
 PO Box 569
 Daleville, IN 47334-0569
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 Fax: 765-378-4109

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560 South Zimmer Road
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3371 Cleveland Road
 Suite 100A
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2417 W. Pinhook Rd
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 Fax: 337-233-6540/106