

Head  
Start



Element  
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Fort Wayne, Indiana  
46825, United States

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E: Info.FortWayne@element.com  
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July 16, 2024

Jack Rupley  
Manchester Intermediate  
20 W Woodring Rd  
Laketon, IN 46943

RE: PWSID IN2850844 Cu/Pb

Dear Jack Rupley:

Lot Id: 192664

Element Materials Technology – Fort Wayne received 5 sample(s) on 7/10/2024 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,

Megan Krauskopf  
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: Manchester Intermediate  
 20 W Woodring Rd  
 Laketon, IN, United States  
 46943  
 Attn: Jack Rupley  
 Sampled By: JR  
 Company:

Project ID: PWSID IN2850844  
 Cu/Pb  
 Project Name:  
 Project Location:  
 LSD:  
 P.O.:  
 Proj. Acct. code:

Lot ID: **192664**  
 Control Number:  
 Date Received: Jul 10, 2024  
 Date Reported: Jul 16, 2024  
 Report Number: 294434  
 Report Type: Final Report

Reference Number	192664-1	Sample Date	2024-07-10 07:22				
Sample Description	Room 105	Sample Matrix	PWS Drinking Water				
Analyte	Result	Units	Qual	DF	Detection Limit	Analysis Start Date/Time	Analyst Initials
<b>Metals - Total in Water by ICP-MS</b>							
Copper	Total	0.0115	mg/L	1	0.00020	Jul 12, 2024 07:46	FR
Lead	Total	1.71	µg/L	1	0.20	Jul 12, 2024 07:46	FR

Reference Number	192664-2	Sample Date	2024-07-10 07:23				
Sample Description	Room 108	Sample Matrix	PWS Drinking Water				
Analyte	Result	Units	Qual	DF	Detection Limit	Analysis Start Date/Time	Analyst Initials
<b>Metals - Total in Water by ICP-MS</b>							
Copper	Total	0.0685	mg/L	1	0.00020	Jul 12, 2024 07:46	FR
Lead	Total	0.69	µg/L	1	0.20	Jul 12, 2024 07:46	FR

Reference Number	192664-3	Sample Date	2024-07-10 07:31				
Sample Description	Room 215	Sample Matrix	PWS Drinking Water				
Analyte	Result	Units	Qual	DF	Detection Limit	Analysis Start Date/Time	Analyst Initials
<b>Metals - Total in Water by ICP-MS</b>							
Copper	Total	0.00341	mg/L	1	0.00020	Jul 12, 2024 07:46	FR
Lead	Total	0.72	µg/L	1	0.20	Jul 12, 2024 07:46	FR

Reference Number	192664-4	Sample Date	2024-07-10 07:36				
Sample Description	Room 209	Sample Matrix	PWS Drinking Water				
Analyte	Result	Units	Qual	DF	Detection Limit	Analysis Start Date/Time	Analyst Initials
<b>Metals - Total in Water by ICP-MS</b>							
Copper	Total	0.0162	mg/L	1	0.00020	Jul 12, 2024 07:46	FR
Lead	Total	3.33	µg/L	1	0.20	Jul 12, 2024 07:46	FR

Reference Number	192664-5	Sample Date	2024-07-10 07:42				
Sample Description	Room 201	Sample Matrix	PWS Drinking Water				
Analyte	Result	Units	Qual	DF	Detection Limit	Analysis Start Date/Time	Analyst Initials
<b>Metals - Total in Water by ICP-MS</b>							
Copper	Total	0.00383	mg/L	1	0.00020	Jul 12, 2024 07:46	FR
Lead	Total	0.72	µg/L	1	0.20	Jul 12, 2024 07:46	FR

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**Analytical Report**

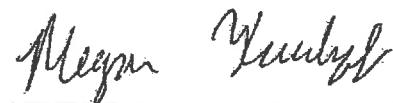
Bill To: Manchester Intermediate  
20 W Woodring Rd  
Laketon, IN, United States  
46943  
Attn: Jack Rupley  
Sampled By: JR  
Company:

Project ID: PWSID IN2850844  
Cu/Pb  
Project Name:  
Project Location:  
LSD:  
P.O.:  
Proj. Acct. code:

Lot ID: **192664**  
Control Number:  
Date Received: Jul 10, 2024  
Date Reported: Jul 16, 2024  
Report Number: 294434  
Report Type: Final Report

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Approved by:



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Megan Krauskopf  
Project Manager

Data have been validated by Analytical Quality Control and Element's Integrated Data Validation System (IDVS).

Generation and distribution of the report and approval by the digitized signature above, are performed through a secure and controlled automatic process.

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**Methodology and Notes**

Bill To: Manchester Intermediate 20 W Woodring Rd Laketon, IN, United States 46943	Project ID: PWSID IN2850844 Cu/Pb	Lot ID: <b>192664</b>
Attn: Jack Rupley	Project Name:	Control Number:
Sampled By: JR	Project Location:	Date Received: Jul 10, 2024
Company:	LSD:	Date Reported: Jul 16, 2024
	P.O.:	Report Number: 294434
	Proj. Acct. code:	Report Type: Final Report

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**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	Jul 12, 2024	Fort Wayne

**References**

EPA United States Environmental Protection Agency

**Comments:**

- Per IDEM's policy initiated in July 2020, these test results have been uploaded to the IDEM Compliance Monitoring Data Portal. Please review and confirm the correct sampling points, sample type (Routine, Repeat, Triggered, or Confirmation), and result information was received by IDEM using the Drinking Water Watch website <https://myweb.in.gov/IDEM/DWW>. The results will typically be available on the website within 75 minutes to 24 hours of receiving your report.

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**

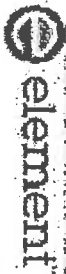
Bill To: Manchester Intermediate 20 W Woodring Rd Laketon, IN, United States 46943	Project ID: PWSID IN2850844 Cu/Pb	Lot ID: <b>192664</b>
Attn: Jack Rupley	Project Name:	Control Number:
Sampled By: JR	Project Location:	Date Received: Jul 10, 2024
Company:	LSD:	Date Reported: Jul 16, 2024
	P.O.:	Report Number: 294434
	Proj. Acct. code:	Report Type: Final Report

Contact	Company	Address
<u>Darla Cain</u>	<u>Manchester Intermediate</u>	20 W Woodring Rd Laketon, IN 46943 Phone: (260) 901-3059 Fax: Email: <a href="mailto:darla_cain@mcs.k12.in.us">darla_cain@mcs.k12.in.us</a>
<u>Delivery</u>	<u>Format</u>	<u>Deliverables</u>
Email	PDF	Invoice
<u>IDEM FW Submission</u>	<u>IDEM</u>	Fort Wayne, IN Phone: (260) 471-7000 Fax: Email: <a href="mailto:angela.lyster@element.com">angela.lyster@element.com</a>
<u>Delivery</u>	<u>Format</u>	<u>Deliverables</u>
Email	IDEM CMDP	Test Report
IDEM Submission	IDEM CMDP	Test Report
<u>Jack Rupley</u>	<u>Manchester Intermediate</u>	20 W Woodring Rd Laketon, IN 46943 Phone: (260) 901-3059 Fax: Email: <a href="mailto:jack_rupley@mcs.k12.in.us">jack_rupley@mcs.k12.in.us</a>
<u>Delivery</u>	<u>Format</u>	<u>Deliverables</u>
Email - Merge	PDF	COC / Test Report

**Notes To Clients:**

- Per IDEM's policy initiated in July 2020, these test results have been uploaded to the IDEM Compliance Monitoring Data Portal. Please review and confirm the correct sampling points, sample type (Routine, Repeat, Triggered, or Confirmation), and result information was received by IDEM using the Drinking Water Watch website <https://myweb.in.gov/IDEM/DWW>. The results will typically be available on the website within 75 minutes to 24 hours of receiving your report.

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Chain of Custody

Laboratory Number: 192664

Company Name:

Contact Name:

Address:

City, State Zip:

Phone Number:

Fax Number:

E-mail Address:

Client Information:

Mane Star Int'l Mkt

Jack Ruppel

20 West Woodring Rd

Mo. Mar. IN 46962

Billing Information:

Sample

Quote Number:

Required QC Level

Bill Monthly

Yes

No

Project Name/Number:

PWSID IN 192855084

LEAD/COPPER

Jack Ruppel

Page of 1

Matrix Code

- DW = Drinking Water
- WW = Waste Water
- GW = Ground Water
- AQ = Aqueous
- SL = Sludge
- O = Oil
- F = Food
- NG = Natural Gas
- NL = Natural Gas Liquid
- PW = Produced Water
- CF = Completion Fluid
- OT = Other
- SOL = Solid
- SO = Soil
- SW = Sewage

Which Regulations Apply:

- RCRA
- POTW
- NPDES
- USDA/FDA
- RECAP/RISC
- Drinking Water
- Distribution
- Special
- State
- Other

Turn Time

- Standard
- RUSH
- 1 Day
- 2 Day
- Other

(Rush turn times will incur a surcharge and must be pre-approved by lab.)

Sample ID/Description	Collection Information			Quantity	Container Type P=Plastic, G=Glass, V=Vial	Pres.	Requested Tests	Comments
	Date	Time	Grab / Composite					
Room 105	7-10-24	7:25 AM		1	P	HCl, HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , NaOH, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	COPPER/LEAD	
Room 108	7-10-24	7:23 AM		1	P	*HNO <sub>3</sub>	X	
Room 215	7-10-24	7:31 AM		1	P	*HNO <sub>3</sub>	X	
Room 209	7-10-24	7:36 AM		1	P	*HNO <sub>3</sub>	X	
Room 201	7-10-24	7:42 AM		1	P	*HNO <sub>3</sub>	X	

\*HNO<sub>3</sub> will be added @ lab.

SAMPLES MEET ACCEPTANCE POLICY

HNO<sub>3</sub> H<sub>2</sub>SO<sub>4</sub> Acid added at lab.

Date: 7/10/24 Time: 09:30 Initials: JR

Amount: .50 1.0 mL Custom:

Retinguished by	Date/Time	Received by	Date/Time	Field Notes:
Jack Ruppel	7-10-24 9:12 AM	JR	7-10-24 0912	Received at lab on ice? 17.4°C

All samples submitted to Element Materials Technology for analysis on a custodial basis only. Ownership of the material remains with the client submitting the samples. Element Materials Technology reserves the right!

9301 Innovation Drive, Suite 125  
PO Box 569  
Dateville, IN 47334-0569  
765-378-4103  
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629 Washington St.  
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2129 Willow Street  
Scott, LA 70583  
337-233-8568  
Fax: 337-232-8621

Manchester Intermediate  
Lot: 192664 COC