



Element
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Fort Wayne, Indiana
46825, United States

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October 21, 2022

Ken Myers
East Chicago Sanitary District
5201 Indianapolis Blvd
East Chicago, IN 46312

RE: Upstream

Dear Ken Myers:

Lot Id: 128618

Element Materials Technology – Fort Wayne received 6 sample(s) on 10/13/2022 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,

A handwritten signature in cursive script that reads "Nicole Breauchy".

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

Accreditation

TNI:2016 (Florida)
ISO 17025:2017 (A2LA)
Indiana
Michigan
South Dakota
Tennessee

Cert #

E871168
6190.02
M-02-05
9030
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04911

Analytical Report

Bill To: East Chicago Sanitary District 5201 Indianapolis Blvd East Chicago, IN, United States 46312	Project ID: Upstream Project Name: Project Location: LSD: P.O.:	Lot ID: 128618 Control Number: Date Received: Oct 13, 2022 Date Reported: Oct 21, 2022 Report Number: 229202
Attn: Ken Myers Sampled By: HP Company:	Proj. Acct. code:	

Reference Number	128618-1	Sample Date	2022-10-13 09:57		Analysis Start	Analyst
Sample Description	Upstream	Sample Matrix	Wastewater		Date/Time	Initials
Analyte	Result	Units	DF	Nominal DL		
Subcontracted Services						
Subcontractor Report ID	180-146186-1		1		Oct 20, 2022 14:47	NB
Cyanide, Available	<0.002	mg/L	1	0.002	Oct 19, 2022 15:07	NB

Reference Number	128618-2	Sample Date	2022-10-13 09:57		Analysis Start	Analyst
Sample Description	Upstream	Sample Matrix	Wastewater		Date/Time	Initials
Analyte	Result	Units	DF	Nominal DL		
Aggregate Organic Constituents						
Oil & Grease, Total	<5	mg/L	1		Oct 14, 2022 14:00	SK
Oil & Grease, Total	Calculated Reporting Limit	mg/L	1		Oct 14, 2022 14:00	SK

Reference Number	128618-3	Sample Date	2022-10-13 09:57		Analysis Start	Analyst
Sample Description	Upstream	Sample Matrix	Wastewater		Date/Time	Initials
Analyte	Result	Units	DF	Nominal DL		
Microbiology						
Escherichia coli	Multi Well	MPN/100mL	1	1	Oct 13, 2022 16:16	CS

Reference Number	128618-4	Sample Date	2022-10-13 09:57		Analysis Start	Analyst
Sample Description	Upstream	Sample Matrix	Wastewater		Date/Time	Initials
Analyte	Result	Units	DF	Nominal DL		
Aggregate Organic Constituents						
Biochemical Oxygen Demand	BOD	mg/L	1	2	Oct 14, 2022 14:35	AS
Physical and Aggregate Properties						
Total Suspended Solids	Non-Filterable Residue	mg/L	1	2	Oct 14, 2022 12:47	AS
Routine Water						
Chloride		mg/L	5	2	Oct 14, 2022 19:46	RB
Sulfate		mg/L	5	2	Oct 14, 2022 19:46	RB

Reference Number	128618-5	Sample Date	2022-10-13 09:57		Analysis Start	Analyst
Sample Description	Upstream	Sample Matrix	Wastewater		Date/Time	Initials
Analyte	Result	Units	DF	Nominal DL		
Metals - Total in Water by ICP-MS						
Cadmium	Total	0.0009	mg/L	1	0.0002	Oct 14, 2022 06:29 FR
Chromium	Total	0.0770	mg/L	1	0.0004	Oct 14, 2022 06:29 FR
Copper	Total	0.0412	mg/L	1	0.0002	Oct 14, 2022 06:29 FR
Lead	Total	0.0863	mg/L	1	0.0002	Oct 14, 2022 06:29 FR

Analytical Report


Bill To: East Chicago Sanitary District 5201 Indianapolis Blvd East Chicago, IN, United States 46312	Project ID: Upstream Project Name: Project Location: LSD: P.O.:	Lot ID: 128618 Control Number: Date Received: Oct 13, 2022 Date Reported: Oct 21, 2022 Report Number: 229202
Attn: Ken Myers Sampled By: HP Company:	Proj. Acct. code:	

Reference Number 128618-5	Sample Date 2022-10-13 09:57
Sample Description Upstream	Sample Matrix Wastewater

Analyte	Result	Units	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Metals - Total in Water by ICP-MS - Continued						
Nickel	Total	0.010	mg/L	1	0.001	Oct 14, 2022 06:29 FR
Zinc	Total	0.334	mg/L	1	0.0004	Oct 14, 2022 06:29 FR

Reference Number 128618-6	Sample Date 2022-10-13 09:57
Sample Description Upstream	Sample Matrix Wastewater

Analyte	Result	Units	DF	Nominal DL	Analysis Start Date/Time	Analyst Initials
Inorganic Nonmetallic Parameters						
Nitrogen, Ammonia (As N)	0.3	mg/L	1	0.1	Oct 17, 2022 10:33	RW
Nitrogen, Nitrate + Nitrite (As N)	1.4	mg/L	1	0.1	Oct 19, 2022 13:21	RW
Total Phosphorus	1.1	mg/L	1	0.1	Oct 19, 2022 17:07	JB
Total Kjeldahl Nitrogen	4.5	mg/L	1	0.5	Oct 21, 2022 01:15	AS
Total Nitrogen	5.9	mg/L	1	0.5	Oct 21, 2022 01:15	AS

Approved by: 
Nicole Breauchy
Project Manager

Methodology and Notes

Bill To: East Chicago Sanitary District 5201 Indianapolis Blvd East Chicago, IN, United States 46312	Project ID: Upstream	Lot ID: 128618
Attn: Ken Myers	Project Name:	Control Number:
Sampled By: HP	Project Location:	Date Received: Oct 13, 2022
Company:	LSD:	Date Reported: Oct 21, 2022
	P.O.:	Report Number: 229202
	Proj. Acct. code:	

Method of Analysis

Method Name	Reference	Method	Date Analysis Started	Location
Ammonia-N by FIA	EPA	Determination of Ammonia Nitrogen by Semi-Automated Colorimetry, E350.1	Oct 17, 2022	Fort Wayne
Anions by IC in Water	EPA	Determination of Inorganic Anions by Ion Chromatography, E300.0	Oct 14, 2022	Fort Wayne
BOD and CBOD in water	SMEWW	BOD: 5-Day Test, 5210B	Oct 14, 2022	Fort Wayne
Coliforms by Quantitray	SMEWW	Enzyme Substrate Test, 9223B	Oct 13, 2022	Fort Wayne
External Sublet Data Entry	Ext. Lab	External Lab, Ext. Lab	Oct 19, 2022	Fort Wayne
Metals ICP-MS Total in water	EPA	Trace Elements in Waters and Wastes by Inductively Coupled Plasma-Mass Spectrometry, E200.8	Oct 14, 2022	Fort Wayne
Nitrate Nitrite in Water by FIA	EPA	Determination of Nitrate-Nitrite Nitrogen by Automated Colorimetry, E353.2	Oct 19, 2022	Fort Wayne
Oil and Grease	EPA	n-Hexane Extractable Material (HEM; Oil and Grease) and Silica Gel Treated n-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, E1664	Oct 14, 2022	Fort Wayne
Phosphorus Total in Water by FIA	SMEWW	Phosphorus: Automated Ascorbic Acid Reduction Method, 4500-P F	Oct 19, 2022	Fort Wayne
Solids - Suspended	SMEWW	Total Suspended Solids, 2540D	Oct 14, 2022	Fort Wayne
Sublet to Test America-Pittsburgh	Ext. Lab	External Lab, Ext. Lab	Oct 20, 2022	Test America-Pittsburgh
TKN in Water by FIA	Calculated	Calculated Result, Calculated	Oct 21, 2022	Fort Wayne
TKN in Water by FIA	EPA	Total Kjeldahl Nitrogen by Semi-Automated Colorimetry, E351.2	Oct 21, 2022	Fort Wayne

References

Calculated	Calculated Result
EPA	United States Environmental Protection Agency
Ext. Lab	External Laboratory
SMEWW	Standard Methods for the Examination of Water and Wastewater

Comments:

- Oct 19, 2022 - The dilution water blank for the BOD analysis was outside of acceptance limits. This data is accepted based on acceptable recoveries in additional associated QC.
- Oct 20, 2022 - The Available Cyanide testing was subcontracted to Eurofins/Test America Pittsburgh PA. Their report is attached in its entirety.

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: East Chicago Sanitary District 5201 Indianapolis Blvd East Chicago, IN, United States 46312	Project ID: Upstream Project Name: Project Location: LSD: P.O.:	Lot ID: 128618 Control Number: Date Received: Oct 13, 2022 Date Reported: Oct 21, 2022 Report Number: 229202
Attn: Ken Myers Sampled By: HP Company:	Proj. Acct. code:	

Contact	Company	Address
Ken Myers	East Chicago Sanitary District	5201 Indianapolis Blvd East Chicago, IN 46312 Phone: (219) 391-8466 Fax: Email: kmyers@eastchicago.com

Delivery	Format	Deliverables
Email - Merge Deliverables	PDF	COC / Test Report
Email - Multiple Deliverables By Lot	East Chicago	Test Report

Contact	Company	Address
Megan Krauskopf	East Chicago Sanitary District	Fort Wayne, IN null Phone: (260) 471-7000 Fax: Email: megan.krauskopf@element.com

Delivery	Format	Deliverables
Email - Single Deliverable	East Chicago	Test Report

Contact	Company	Address
San Operator	East Chicago Sanitary District	5201 Indianapolis Blvd. East Chicago, IN 46312 Phone: (219) 391-8466 Fax: Email: sanoperator@eastchicago.com

Delivery	Format	Deliverables
Email - Merge Deliverables	PDF	COC / Test Report
Email - Multiple Deliverables By Lot	East Chicago	Test Report

Notes To Clients:

- Oct 19, 2022 - The dilution water blank for the BOD analysis was outside of acceptance limits. This data is accepted based on acceptable recoveries in additional associated QC.
- Oct 20, 2022 - The Available Cyanide testing was subcontracted to Eurofins/Test America Pittsburgh PA. Their report is attached in its entirety.

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ANALYTICAL REPORT

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-146186-1

Client Project/Site: Available Cyanide 128618

For:

Element Materials Technology
328 Ley Rd
Suite100
Fort Wayne, Indiana 46825

Attn: Don Ellis



Authorized for release by:

10/20/2022 8:33:01 AM

Khadejha Brown, Project Management Assistant I

(412)963-7058

Khadejha.Brown@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

PA Lab ID: 02-00416

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Case Narrative

Client: Element Materials Technology
Project/Site: Available Cyanide 128618

Job ID: 180-146186-1

Job ID: 180-146186-1

Laboratory: Eurofins Pittsburgh

Narrative

**Job Narrative
180-146186-1**

Comments

No additional comments.

Receipt

The sample was received on 10/14/2022 10:40 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.5° C.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Definitions/Glossary

Client: Element Materials Technology
Project/Site: Available Cyanide 128618

Job ID: 180-146186-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Element Materials Technology
 Project/Site: Available Cyanide 128618

Job ID: 180-146186-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22 *
California	State	2891	04-30-23
Connecticut	State	PH-0688	09-30-22 *
Florida	NELAP	E871008	06-30-23
Georgia	State	PA 02-00416	04-30-23
Illinois	NELAP	004375	06-30-23
Kansas	NELAP	E-10350	03-31-23
Kentucky (UST)	State	162013	04-30-23
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22 *
Louisiana (All)	NELAP	04041	06-30-23
Maine	State	PA00164	03-06-24
Minnesota	NELAP	042-999-482	12-31-22
New Hampshire	NELAP	2030	04-04-23
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-01-23
North Carolina (WW/SW)	State	434	12-31-22
North Dakota	State	R-227	04-30-23
Oregon	NELAP	PA-2151	02-07-23
Pennsylvania	NELAP	02-00416	04-30-23
Rhode Island	State	LAO00362	12-31-22
South Carolina	State	89014	04-20-23
Texas	NELAP	T104704528	03-31-23
USDA	US Federal Programs	P330-16-00211	06-21-24
Utah	NELAP	PA001462019-8	05-31-23
Virginia	NELAP	10043	09-14-23
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Sample Summary

Client: Element Materials Technology
Project/Site: Available Cyanide 128618

Job ID: 180-146186-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-146186-1	128618-1	Water	10/13/22 09:57	10/14/22 10:40

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Method Summary

Client: Element Materials Technology
Project/Site: Available Cyanide 128618

Job ID: 180-146186-1

Method	Method Description	Protocol	Laboratory
OIA - 1677	Available Cyanide by Flow Injection, Lig	EPA	EET PIT

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

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Lab Chronicle

Client: Element Materials Technology
Project/Site: Available Cyanide 128618

Job ID: 180-146186-1

Client Sample ID: 128618-1

Lab Sample ID: 180-146186-1

Date Collected: 10/13/22 09:57

Matrix: Water

Date Received: 10/14/22 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	OIA - 1677		1			415601	10/19/22 15:07	SNR	EET PIT
Instrument ID: ALPKEM3										

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: EET PIT

Batch Type: Analysis

SNR = Sabra Richart



Client Sample Results

Client: Element Materials Technology
Project/Site: Available Cyanide 128618

Job ID: 180-146186-1

Client Sample ID: 128618-1

Lab Sample ID: 180-146186-1

Date Collected: 10/13/22 09:57

Matrix: Water

Date Received: 10/14/22 10:40

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Available (EPA OIA - 1677)	ND		0.0020	0.0016	mg/L			10/19/22 15:07	1

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QC Sample Results

Client: Element Materials Technology
 Project/Site: Available Cyanide 128618

Job ID: 180-146186-1

Method: OIA - 1677 - Available Cyanide by Flow Injection, Lig

Lab Sample ID: MB 180-415601/80
Matrix: Water
Analysis Batch: 415601

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Available	ND		0.0020	0.0016	mg/L			10/19/22 15:04	1

Lab Sample ID: LCS 180-415601/81
Matrix: Water
Analysis Batch: 415601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Available	0.0501	0.0521		mg/L		104	82 - 132

Lab Sample ID: 180-146186-1 MS
Matrix: Water
Analysis Batch: 415601

Client Sample ID: 128618-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Available	ND		0.0501	0.0469		mg/L		94	82 - 130

Lab Sample ID: 180-146186-1 MSD
Matrix: Water
Analysis Batch: 415601

Client Sample ID: 128618-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Available	ND		0.0501	0.0467		mg/L		93	82 - 130	0	11

QC Association Summary

Client: Element Materials Technology
Project/Site: Available Cyanide 128618

Job ID: 180-146186-1

General Chemistry

Analysis Batch: 415601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-146186-1	128618-1	Total/NA	Water	OIA - 1677	
MB 180-415601/80	Method Blank	Total/NA	Water	OIA - 1677	
LCS 180-415601/81	Lab Control Sample	Total/NA	Water	OIA - 1677	
180-146186-1 MS	128618-1	Total/NA	Water	OIA - 1677	
180-146186-1 MSD	128618-1	Total/NA	Water	OIA - 1677	

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External Sublet Request

Purchase Order Number: PO# P/FW002564

Printed Date: Oct 13, 2022
Shipping Method: Ground

To:

Sample Receiving
Test America-Pittsburgh
301 Alpha Dr
Pittsburgh, PA 15238
Phone: (111) 111-1111
Fax:
Email:

Results To:

Fort Wayne
Suite 100, 328 Ley Road
Fort Wayne, IN 46825
Phone: (260) 471-7000
Fax: (260) 471-7777
Email: Info.FortWayne@element.com

Bill To:

Accounts Payable
Element Materials Technology Canada Inc.
3701 Port Union Road
Fairfield OH 45014
United States
Phone: (513) 984-4112
Fax: (513) 984-8258
Email: accpayable.americas@element.com
wregpurch@element.com

Please contact the requisitioner named below with all questions related to this purchase order.

**** THE PURCHASE ORDER NUMBER MUST APPEAR ON ALL INVOICES. INVOICES MUST BE SENT TO BOTH BILL TO EMAIL ADDRESSES. ****

Due Date	Requisitioner	Sample Id	Sampled Date	Element Service Code	Vendor Service Code	Service Name	Sample Description
Oct 20, 2022	John Himelick	128618 - 1	Oct 13, 2022 09:57	CYAN 1677	CYAN 1677	Cyanide, Available by Upstream Ligand Exchange	

Relinquished By	Date/Time	Received By	Date/Time	Temp of Samples	Attempt to Cool? Y / N
<i>John Himelick</i>	10/13/22 5pm	<i>D Watson</i> EST/ATN	10/14/22 10:40	°C	RUSH!



The standard terms and conditions of purchase below are included in each purchase order (PO) of Element Materials Technology Canada Inc. and its subsidiaries (Element) as part of its contract with a supplier of goods and/or services (Vendor). Any Vendor terms and conditions of supply do not apply unless Element agrees in writing. Where terms and conditions exist under an existing written contract between Element and a Vendor, these terms and conditions do not apply.

NOTE: Element Materials Technology Canada Inc. is not an exempt entity and subject to GST, HST, QST and applicable provincial sales taxes.

Terms and Conditions <http://www.element.com/terms-and-conditions>



Login Sample Receipt Checklist

Client: Element Materials Technology

Job Number: 180-146186-1

Login Number: 146186

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Watson, Debbie

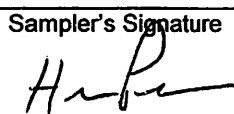
Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



element™

Chain of Custody

Laboratory Number: **128618**

Company Name: Contact Name: Address: City, State Zip: Phone Number: Fax Number: E-mail Address:	Client Information:	Billing Information:	PO Number:	Project Name/Number:	Page 1 of 1
	East Chicago Sanitary District	Same		Upstream	Matrix Code
	Henry Padilla		Quote Number:	Sampler's Signature 	DW = Drinking Water
	5201 Indianapolis Blvd		Required QC Level		VW = Waste Water
	East Chicago IN 46401		Bill Monthly	Shipping Method:	GW = Ground Water
	219-391-8466 Ext. 240	Ext:	<input type="checkbox"/> Yes	UPS / FedEx / Airborne	AQ = Aqueous
hpadilla@eastchicago.com		<input type="checkbox"/> No	DHL / <u>Element</u> / Hand / Mail	OT = Other	

Which Regulations Apply:	Turn Time	Collection Information	Container	Pres.	Requested Tests										Comments		
					Quantity	Type	HCl, HNO ₃ , H ₂ SO ₄ , NaOH, Na ₂ S ₂ O ₃	CYANIDE 1677	Oil & Grease	E. coli	300: Chlor, SO ₄	*Metals	NH ₃ , T. Phos, Total N	TSS, BOD		Low level Hg	
<input type="checkbox"/> RCRA <input type="checkbox"/> POTW <input type="checkbox"/> NPDES <input type="checkbox"/> USDA/FDA <input type="checkbox"/> RECAP/RIIS	5 TAT	Date, Time, Grab/Composite, Matrix															
<input type="checkbox"/> Drinking Water																	
<input type="checkbox"/> Distribution																	
<input type="checkbox"/> Special																	
<input type="checkbox"/> State																	
<input type="checkbox"/> Other																	
Upstream	10-13-22	9:57	G	WW	1	P	NAOH	X									Samples Meet Acceptance Policy
				WW	1	G	H2SO4		X								Yes No
				WW	1	G	Na2S2O3			X							*Cd, Cr, Cu, Pb, Ni Zn
				WW	1	G	BrCl										Low level Hg is once a week
				WW	2	P	NONE				X		X				x No Hg
				WW	1	P	HNO3					X					
				WW	1	P	H2SO4						X				

Relinquished by	Date/Time	Received by	Date/Time	Composite Sampler:
Henry Padilla	10-13-22 10:28	Carson Blake	10-13-22 10:28	Start Date/Time: _____ End Date/Time: _____
Carson Blake	10-13-22 1330	Daniel Ramirez	10-13-22 1330	Received at lab on ice?
Daniel Ramirez	10-13-22 1445	John [Signature]	10/13/22 14:45	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Temp: 21°C

All samples submitted to Element Materials Technology for analysis are accepted on a custody agreement. Element Materials Technology reserves the right to retest any sample.

Lot: 128618 COC

The client submitting the samples.

F-546-PPP

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