

DATA PACKAGE

METALS

PROJECT NAME : PARSIPPANY WASTEWATER QUARTERLY 2025

METEM A GE POWER BUSINESS

700 Parsippany Road

Parsippany, NJ - 07054

Phone No: 973-887-6635

ORDER ID : Q3411

ATTENTION : Sundas Pervez



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3411

Project ID : Parsippany Wastewater Quarterly 2025

Client : METEM A GE POWER Business

Lab Sample Number

Q3411-01

Client Sample Number

Q4-WASTEWATER

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 4:01 pm, Oct 28, 2025

Date: 10/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

CASE NARRATIVE

METEM A GE POWER Business

Project Name: Parsippany Wastewater Quarterly 2025

Project # N/A

Order ID # Q3411

Test Name: Metals Group6

A. Number of Samples and Date of Receipt:

1 Water sample was received on 10/20/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Metals Group6. This data package contains results for Metals Group6.

C. Analytical Techniques:

The analysis and digestion of Metals Group6 was based on method 200.7.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike analysis met criteria for all compounds.

The Matrix Spike Duplicate analysis met criteria for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 4:01 pm, Oct 28, 2025

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3411

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 10/28/2025



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

Hit Summary Sheet
SW-846

SDG No.:	Q3411	Order ID:	Q3411
Client:	METEM A GE POWER Business	Project ID:	Parsippany Wastewater Quarterly 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Q3411-01	Q4-WASTEWATER Q4-WASTEWATER	Water	Nickel	46.0		1.90	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	METEM A GE POWER Business	Date Collected:	10/20/25
Project:	Parsippany Wastewater Quarterly 2025	Date Received:	10/20/25
Client Sample ID:	Q4-WASTEWATER	SDG No.:	Q3411
Lab Sample ID:	Q3411-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-02-0	Nickel	46.0		1	1.90	20.0	ug/L	10/21/25 11:55	10/21/25 16:26	EPA 200.7	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q3411	OrderDate:	10/20/2025 4:55:00 PM
Client:	METEM A GE POWER Business	Project:	Parsippany Wastewater Quarterly 2025
Contact:	Sundas Pervez	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3411-01	Q4-WASTEWATER	Water	Metals Group6	200.7	10/20/25	10/21/25	10/21/25	10/20/25



SHIPPING DOCUMENTS

CLIENT INFORMATION			CLIENT PROJECT INFORMATION			CLIENT BILLING INFORMATION											
REPORT TO BE SENT TO: COMPANY: <u>Metem A GE Power Business</u> ADDRESS: <u>700 Passippany Road</u> CITY: <u>Passippany</u> STATE: <u>NJ</u> ZIP: <u>07054</u> ATTENTION: <u>Sundas Pervez</u> PHONE: <u>862-289-253</u> FAX: _____			PROJECT NAME: <u>Q4 wastewater Sampling</u> PROJECT NO.: _____ LOCATION: _____ PROJECT MANAGER: _____ e-mail: _____ PHONE: _____ FAX: _____			BILL TO: _____ PO#: _____ ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____ ATTENTION: _____ PHONE: _____											
DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION			ANALYSIS											
FAX (RUSH) <u>Rush</u> DAYS* _____ HARDCOPY (DATA PACKAGE): <u>Rush</u> DAYS* _____ EDD: <u>Rush</u> DAYS* _____ *TO BE APPROVED BY CHEMTECH <u>1 Day*</u> STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS			<input type="checkbox"/> Level 1 (Results Only) <input type="checkbox"/> Level 4 (QC + Full Raw Data) <input type="checkbox"/> Level 2 (Results + QC) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> US EPA CLP <input type="checkbox"/> Level 3 (Results + QC) <input type="checkbox"/> NYS ASP A <input type="checkbox"/> NYS ASP B + Raw Data <input type="checkbox"/> Other _____ <input type="checkbox"/> EDD FORMAT _____														
ALLIANCE SAMPLE ID			PROJECT SAMPLE IDENTIFICATION			PRESERVATIVES			COMMENTS								
			SAMPLE MATRIX			SAMPLE TYPE			SAMPLE COLLECTION			← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER					
			DATE			TIME			# OF BOTTLES								
1.			Q4 Wastewater			W			✓			1			✓		
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																	
RELINQUISHED BY SAMPLER:			DATE/TIME:			RECEIVED BY:			Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>3.8</u> °C								
1. <u>[Signature]</u>			10/16/15-14:58			<u>[Signature]</u> 10-20-25			Comments: _____								
RELINQUISHED BY SAMPLER:			DATE/TIME:			RECEIVED BY:											
2. <u>[Signature]</u>																	
RELINQUISHED BY SAMPLER:			DATE/TIME:			RECEIVED BY:			Page _____ of _____			CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other _____					
3. <u>[Signature]</u>			10-20-25									Shipment Complete <input type="checkbox"/> YES <input type="checkbox"/> NO					

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312