

LAB CHRONICLE

OrderID:	Q3793	OrderDate:	12/5/2025 11:05:00 AM
Client:	Europastry	Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ
Contact:	Kevin Carlucci	Location:	D11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3793-01	MH-1252025	WATER			12/05/25			12/05/25
			BOD5	SM5210 B	09:50		12/05/25 17:00	
			COD	SM5220 D			12/12/25 13:16	
			Oil and Grease	1664A			12/08/25 12:37	
			pH	9040C			12/08/25 12:55	
			TPH	1664A			12/08/25 13:30	
			TSS	SM2540 D			12/11/25 09:30	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Europastry	Date Collected:	12/05/25 09:50
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Date Received:	12/05/25
Client Sample ID:	MH-1252025	SDG No.:	Q3793
Lab Sample ID:	Q3793-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	458		1	0.20	2.00	mg/L		12/05/25 17:00	SM 5210 B-16
COD	1480	D	20	30.0	200	mg/L		12/12/25 13:16	SM 5220 D-11
Oil and Grease	377		1	0.29	5.00	mg/L		12/08/25 12:37	1664A
pH	5.83	H	1	0	0	pH		12/08/25 12:55	9040C
TPH	121		1	0.29	5.00	mg/L		12/08/25 13:30	1664A
TSS	166		1	1.00	4.00	mg/L		12/11/25 09:30	SM 2540 D-20

Comments: pH result reported at temperature 20.1 °C

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

H = Sample Analysis Out Of Hold Time

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

QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Europastry

SDG No.: Q3793

Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ

RunNo.: LB138149

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV pH	pH	7.01	7	100	90-110	12/08/2025
Sample ID: CCV1 pH	pH	2.01	2.00	101	90-110	12/08/2025
Sample ID: CCV2 pH	pH	12.02	12.00	100	90-110	12/08/2025

Initial and Continuing Calibration Verification

Client: Europastry

SDG No.: Q3793

Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ

RunNo.: LB138209

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV COD	mg/L	48.381	50	97	95-105	12/12/2025
Sample ID: CCV1 COD	mg/L	48.381	50	97	95-105	12/12/2025
Sample ID: CCV2 COD	mg/L	49.337	50	99	95-105	12/12/2025

Initial and Continuing Calibration Blank Summary

Client: Europastry

SDG No.: Q3793

Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ

RunNo.: LB138209

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB COD	mg/L	2.465	5.0000	J	1.50	10	12/12/2025
Sample ID: CCB1 COD	mg/L	1.509	5.0000	J	1.50	10	12/12/2025
Sample ID: CCB2 COD	mg/L	1.509	5.0000	J	1.50	10	12/12/2025

Preparation Blank Summary

Client: Europastry

SDG No.: Q3793

Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB138133BL BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	12/05/2025
Sample ID: LB138150BL Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	12/08/2025
Sample ID: LB138151BL TPH	mg/L	< 2.5000	2.5000	U	0.29	5.0	12/08/2025
Sample ID: LB138190BL TSS	mg/L	1	2.0000	J	1	4	12/11/2025
Sample ID: LB138209BL COD	mg/L	1.51	5.0000	J	1.5	10.0	12/12/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3772-01
Client ID:	EFFLUENTMS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	31.1		10.2		20.0	1	105		12/08/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3772-01
Client ID:	EFFLUENTMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	30.9		10.2		20.0	1	104		12/08/2025

Matrix Spike Summary

Client: Europastry **SDG No.:** Q3793
Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ **Sample ID:** Q3785-01
Client ID: WATER-TREATMEN DISCHARGEMS **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	23.8		3.30	J	20.0	1	103		12/08/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3785-01
Client ID:	WATER-TREATMEN DISCHARGEMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	24.1		3.30	J	20.0	1	104		12/08/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3793-01
Client ID:	MH-1252025MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	1520		1480	D	50.0	20	80		12/12/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3793-01
Client ID:	MH-1252025MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	1520		1480	D	50.0	20	80		12/12/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3793-01
Client ID:	Q3793-01MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	397		377		20.0	1	103		12/08/2025

Matrix Spike Summary

Client: Europastry **SDG No.:** Q3793
Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ **Sample ID:** Q3793-01
Client ID: Q3793-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	398		377		20.0	1	107		12/08/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	LB138151BS
Client ID:	LB138151BSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TPH	mg/L	+/-18	18.0		18.3		1	1.65		12/08/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3772-01
Client ID:	EFFLUENTMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Oil and Grease	mg/L	+/-18	31.1		30.9		1	0.65		12/08/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3785-01
Client ID:	WATER-TREATMEN DISCHARGEMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Oil and Grease	mg/L	+/-18	23.8		24.1		1	1.25		12/08/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3785-04
Client ID:	WATER-TREATMENT DISCHARGEDUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
BOD5	mg/L	+/-20	0.20	U	0.20	U	1	0		12/05/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3791-01
Client ID:	T2DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	7.26		7.28		1	0.28		12/08/2025

Duplicate Sample Summary

Client: Europastry	SDG No.: Q3793
Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID: Q3792-01
Client ID: FRAC TANK#251193DUP	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	6.55		6.57		1	0.3		12/08/2025

Duplicate Sample Summary

Client: Europastry	SDG No.: Q3793
Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID: Q3793-01
Client ID: MH-1252025DUP	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	5.83		5.85		1	0.34		12/08/2025
TSS	mg/L	+/-5	166		166		1	0.48		12/11/2025
COD	mg/L	+/-20	1480	D	1480		20	0		12/12/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3793-01
Client ID:	MH-1252025MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
COD	mg/L	+/-20	1520		1520		20	0		12/12/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3793-01
Client ID:	Q3793-01MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Oil and Grease	mg/L	+/-18	397		398		1	0.2		12/08/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3805-01
Client ID:	92925DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
pH	pH	+/-20	7.82		7.84		1	0.26		12/08/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB138133

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138133BS							
BOD5	mg/L	198	190		96	1	84.6-115.4	12/05/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB138150

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138150BS							
Oil and Grease	mg/L	20.0	16.7		84	1	78-114	12/08/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB138151

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138151BS							
TPH	mg/L	20.0	18.0		90	1	78-114	12/08/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB138151

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138151BSD							
TPH	mg/L	20.0	18.3		92	1	78-114	12/08/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB138190

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138190BS							
TSS	mg/L	550	577		105	1	90-110	12/11/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q3793
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB138209

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138209BS							
COD	mg/L	50	50.3		101	1	90-110	12/12/2025