

LAB CHRONICLE

OrderID:	Q2588	OrderDate:	7/11/2025 12:53:00 PM
Client:	Europastry	Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ
Contact:	Kevin Carlucci	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2588-01	MH-7112025	WATER			07/11/25 10:00			07/11/25
			BOD5	SM5210 B			07/11/25 14:40	
			COD	SM5220 D			07/15/25 12:15	
			Oil and Grease	1664A			07/16/25 09:30	
			pH	9040C			07/11/25 17:15	
			TPH	1664A			07/16/25 14:40	
			TSS	SM2540 D			07/15/25 10:00	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Europastry	Date Collected:	07/11/25 10:00
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Date Received:	07/11/25
Client Sample ID:	MH-7112025	SDG No.:	Q2588
Lab Sample ID:	Q2588-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	476		1	0.20	2.00	mg/L		07/11/25 14:40	SM 5210 B-16
COD	2400	D	50	75.0	500	mg/L		07/15/25 12:15	SM 5220 D-11
Oil and Grease	829		1	0.29	5.00	mg/L		07/16/25 09:30	1664A
pH	4.74	H	1	0	0	pH		07/11/25 17:15	9040C
TPH	498		1	0.29	5.00	mg/L		07/16/25 14:40	1664A
TSS	121		1	1.00	4.00	mg/L		07/15/25 10:00	SM 2540 D-20

Comments: pH result reported at temperature 20.9 °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.: Q2588

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

RunNo.: LB136454

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV pH	pH	7.01	7	100	90-110	07/11/2025
Sample ID: CCV1 pH	pH	2.01	2.00	101	90-110	07/11/2025
Sample ID: CCV2 pH	pH	12.02	12.00	100	90-110	07/11/2025

Initial and Continuing Calibration Verification

Client: Europastry

SDG No.: Q2588

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

RunNo.: LB136477

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV COD	mg/L	50.962	50	102	95-105	05/28/2025
Sample ID: CCV1 COD	mg/L	47.915	50	96	95-105	07/15/2025
Sample ID: CCV2 COD	mg/L	48.931	50	98	95-105	07/15/2025
Sample ID: CCV3 COD	mg/L	49.946	50	100	95-105	07/15/2025

Initial and Continuing Calibration Blank Summary

Client: Europastry

SDG No.: Q2588

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

RunNo.: LB136477

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB COD	mg/L	< 5.0000	5.0000	U	1.50	10	05/28/2025
Sample ID: CCB1 COD	mg/L	< 5.0000	5.0000	U	1.50	10	07/15/2025
Sample ID: CCB2 COD	mg/L	< 5.0000	5.0000	U	1.50	10	07/15/2025
Sample ID: CCB3 COD	mg/L	< 5.0000	5.0000	U	1.50	10	07/15/2025

Preparation Blank Summary

Client: Europastry

SDG No.: Q2588

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

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136441BL BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	07/11/2025
Sample ID: LB136471BL TSS	mg/L	1	2.0000	J	1	4	07/15/2025
Sample ID: LB136477BL COD	mg/L	< 5.0000	5.0000	U	1.5	10.0	07/15/2025
Sample ID: LB136493BL Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	07/16/2025
Sample ID: LB136508BL TPH	mg/L	< 2.5000	2.5000	U	0.29	5.0	07/16/2025

Matrix Spike Summary

Client: Europastry **SDG No.:** Q2588
Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ **Sample ID:** Q2570-07
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	53.7		33.6		20.0	1	101		07/16/2025

Matrix Spike Summary

Client: Europastry **SDG No.:** Q2588
Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ **Sample ID:** Q2570-07
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	53.8		33.6		20.0	1	101		07/16/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q2588
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2588-01
Client ID:	MH-7112025MS	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	849		829		20.0	1	101		07/16/2025

Matrix Spike Summary

Client: Europastry **SDG No.:** Q2588
Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ **Sample ID:** Q2588-01
Client ID: MH-7112025MSD **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	850		829		20.0	1	103		07/16/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q2588
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2602-01
Client ID:	FRAC-TANK-266380MS	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	46.9		1.50	U	50.0	1	94		07/15/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q2588
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2602-01
Client ID:	FRAC-TANK-266380MSD	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	47.9		1.50	U	50.0	1	96		07/15/2025

Duplicate Sample Summary

Client: Europastry Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ Client ID: LB136508BSD	SDG No.: Q2588 Sample ID: LB136508BS Percent Solids for Spike Sample: 0
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Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TPH	mg/L	+/-18	16.8		17.1		1	1.77		07/16/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2588
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2565-01
Client ID:	MOO-25-0192-0193DUP	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
TSS	mg/L	+/-5	6620		6630		1	0.09		07/15/2025

Duplicate Sample Summary

Client: Europastry Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ Client ID: EFFLUENTMSD	SDG No.: Q2588 Sample ID: Q2570-07 Percent Solids for Spike Sample: 0
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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	53.7		53.8		1	0.19		07/16/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2588
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2585-04
Client ID:	EFF-WWDUP	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	422		443		1	4.86		07/11/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2588
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2588-01
Client ID:	MH-7112025MSD	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	849		850		1	0.05		07/16/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2588
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2591-04
Client ID:	NWB-2187DUP	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	4.98		4.99		1	0.2		07/11/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2588
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2602-01
Client ID:	FRAC-TANK-266380DUP	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	1.50	U	1.50	U	1	0		07/15/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2588
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2602-01
Client ID:	FRAC-TANK-266380MSD	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	46.9		47.9		1	2.11		07/15/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2588
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136441

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136441BS							
BOD5	mg/L	198	181		91	1	84.6-115.4	07/11/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2588
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136471

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136471BS							
TSS	mg/L	550	533		97	1	90-110	07/15/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2588
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136477

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136477BS							
COD	mg/L	50	51.0		102	1	90-110	07/15/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2588
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136493

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136493BS							
Oil and Grease	mg/L	20.0	16.8		84	1	78-114	07/16/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2588
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136508

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136508BS							
TPH	mg/L	20.0	16.8		84	1	78-114	07/16/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2588
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136508

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136508BSD							
TPH	mg/L	20.0	17.1		86	1	78-114	07/16/2025