

LAB CHRONICLE

OrderID:	Q3093	OrderDate:	9/12/2025 12:24:00 PM
Client:	Europastry	Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ
Contact:	Kevin Carlucci	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3093-01	MH-9-12-25	WATER			09/12/25 12:30			09/12/25
			BOD5	SM5210 B			09/12/25 18:30	
			COD	SM5220 D			09/22/25 14:28	
			Oil and Grease	1664A			09/15/25 10:00	
			pH	9040C			09/15/25 09:15	
			TPH	1664A			09/15/25 09:40	
			TSS	SM2540 D			09/15/25 11:00	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Europastry	Date Collected:	09/12/25 12:30
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Date Received:	09/12/25
Client Sample ID:	MH-9-12-25	SDG No.:	Q3093
Lab Sample ID:	Q3093-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	473		1	0.20	2.00	mg/L		09/12/25 18:30	SM 5210 B-16
COD	1330	D	20	30.0	200	mg/L		09/22/25 14:28	SM 5220 D-11
Oil and Grease	129		1	0.29	5.00	mg/L		09/15/25 10:00	1664A
pH	5.01	H	1	0	0	pH		09/15/25 09:15	9040C
TPH	28.2		1	0.29	5.00	mg/L		09/15/25 09:40	1664A
TSS	82.5		1	1.00	4.00	mg/L		09/15/25 11:00	SM 2540 D-20

Comments: pH result reported at temperature 24.4 °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.: Q3093

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

RunNo.: LB137185

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
pH		pH	7.00	7	100	90-110	09/15/2025
Sample ID:	CCV1						
pH		pH	2.02	2.00	101	90-110	09/15/2025
Sample ID:	CCV2						
pH		pH	12.02	12.00	100	90-110	09/15/2025

Initial and Continuing Calibration Verification

Client: Europastry

SDG No.: Q3093

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

RunNo.: LB137264

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV COD	mg/L	50.173	50	100	95-105	09/08/2025
Sample ID: CCV1 COD	mg/L	51.184	50	102	95-105	09/22/2025
Sample ID: CCV2 COD	mg/L	50.173	50	100	95-105	09/22/2025

Initial and Continuing Calibration Blank Summary

Client: Europastry

SDG No.: Q3093

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

RunNo.: LB137264

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	09/08/2025
Sample ID: CCB1 COD	mg/L	< 5.0000	5.0000	U	1.50	10	09/22/2025
Sample ID: CCB2 COD	mg/L	< 5.0000	5.0000	U	1.50	10	09/22/2025

Preparation Blank Summary

Client: Europastry

SDG No.: Q3093

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

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137180BL BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	09/12/2025
Sample ID: LB137182BL Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	09/15/2025
Sample ID: LB137183BL TPH	mg/L	< 2.5000	2.5000	U	0.29	5.0	09/15/2025
Sample ID: LB137186BL TSS	mg/L	1	2.0000	J	1	4	09/15/2025
Sample ID: LB137264BL COD	mg/L	< 5.0000	5.0000	U	1.5	10.0	09/22/2025

Matrix Spike Summary

Client: Europastry **SDG No.:** Q3093
Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ **Sample ID:** Q3070-01
Client ID: DRAIN-WATER-TANK-1MS **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	43.9		23.8		20.0	1	101		09/15/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3070-01
Client ID:	DRAIN-WATER-TANK-1MSD	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	44.0		23.8		20.0	1	101		09/15/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3081-01
Client ID:	DRAIN-WATER-TANK-1MS	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	22.7		2.60	J	20.0	1	101		09/15/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3081-01
Client ID:	DRAIN-WATER-TANK-1MSD	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	23.0		2.60	J	20.0	1	102		09/15/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3093-01
Client ID:	MH-9-12-25MS	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	149		129		20.0	1	101		09/15/2025

Matrix Spike Summary

Client: Europastry **SDG No.:** Q3093
Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ **Sample ID:** Q3093-01
Client ID: MH-9-12-25MSD **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	149		129		20.0	1	102		09/15/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3096-01
Client ID:	DRAIN-WATER-TANK-1MS	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	25.7		5.60		20.0	1	101		09/15/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3096-01
Client ID:	DRAIN-WATER-TANK-1MSD	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	25.8		5.60		20.0	1	101		09/15/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3151-02
Client ID:	1402MS	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	48.2		2.64	J	50.0	1	91		09/22/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3151-02
Client ID:	1402MSD	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	49.2		2.64	J	50.0	1	93		09/22/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	LB137183BS
Client ID:	LB137183BSD	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	17.1		16.9		1	1.18		09/15/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3067-02
Client ID:	COMPDUP	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	241		238		1	1.25		09/15/2025

Duplicate Sample Summary

Client: Europastry	SDG No.: Q3093
Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID: Q3070-01
Client ID: DRAIN-WATER-TANK-1MSD	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	43.9		44.0		1	0.23		09/15/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3081-01
Client ID:	DRAIN-WATER-TANK-1DUP	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	6.85		6.87		1	0.29		09/15/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3081-01
Client ID:	DRAIN-WATER-TANK-1MSD	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	22.7		23.0		1	1.31		09/15/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3088-02
Client ID:	90525-LQDUP	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	6.50		6.52		1	0.31		09/15/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3090-01
Client ID:	90825-BDUP	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	8.40		8.42		1	0.24		09/15/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3093-01
Client ID:	MH-9-12-25DUP	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	5.01		5.03		1	0.4		09/15/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3093-01
Client ID:	MH-9-12-25MSD	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	149		149		1	0.07		09/15/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3096-01
Client ID:	DRAIN-WATER-TANK-1DUP	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	6500		6360		1	2.22		09/12/2025
pH	pH	+/-20	5.98		5.99		1	0.17		09/15/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3096-01
Client ID:	DRAIN-WATER-TANK-1MSD	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	25.7		25.8		1	0.39		09/15/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3151-02
Client ID:	1402DUP	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	2.64	J	2.64	J	1	0		09/22/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q3151-02
Client ID:	1402MSD	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	48.2		49.2		1	2.05		09/22/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB137180

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137180BS							
BOD5	mg/L	198	181		91	1	84.6-115.4	09/12/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB137182

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137182BS							
Oil and Grease	mg/L	20.0	16.8		84	1	78-114	09/15/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB137183

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137183BS							
TPH	mg/L	20.0	17.1		86	1	78-114	09/15/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB137183

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137183BSD							
TPH	mg/L	20.0	16.9		84	1	78-114	09/15/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB137186

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137186BS							
TSS	mg/L	550	531		96	1	90-110	09/15/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q3093
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB137264

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137264BS							
COD	mg/L	50	52.2		104	1	90-110	09/22/2025