

LAB CHRONICLE

OrderID:	Q2810	OrderDate:	8/8/2025 12:37:00 PM
Client:	Europastry	Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ
Contact:	Kevin Carlucci	Location:	D21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2810-01	MH-892025	WATER			08/08/25			08/08/25
			BOD5	SM5210 B	11:48		08/08/25 15:50	
			COD	SM5220 D			08/15/25 11:02	
			Oil and Grease	1664A			08/11/25 09:37	
			pH	9040C			08/12/25 08:30	
			TPH	1664A			08/11/25 09:45	
			TSS	SM2540 D			08/11/25 10:00	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Europastry	Date Collected:	08/08/25 11:48
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Date Received:	08/08/25
Client Sample ID:	MH-892025	SDG No.:	Q2810
Lab Sample ID:	Q2810-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	499		1	0.20	2.00	mg/L		08/08/25 15:50	SM 5210 B-16
COD	1550	D	20	30.0	200	mg/L		08/15/25 11:02	SM 5220 D-11
Oil and Grease	345		1	0.29	5.00	mg/L		08/11/25 09:37	1664A
pH	4.80	H	1	0	0	pH		08/12/25 08:30	9040C
TPH	121		1	0.29	5.00	mg/L		08/11/25 09:45	1664A
TSS	274		1	1.00	4.00	mg/L		08/11/25 10:00	SM 2540 D-20

Comments: pH result reported at temperature 20.5 °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.: Q2810

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

RunNo.: LB136780

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

Initial and Continuing Calibration Verification

Client: Europastry

SDG No.: Q2810

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

RunNo.: LB136825

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	48.931	50	98	95-105	08/15/2025
Sample ID: CCV2 COD	mg/L	48.931	50	98	95-105	08/15/2025
Sample ID: CCV3 COD	mg/L	49.946	50	100	95-105	08/15/2025

Initial and Continuing Calibration Blank Summary

Client: Europastry

SDG No.: Q2810

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

RunNo.: LB136825

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	08/15/2025
Sample ID: CCB2 COD	mg/L	< 5.0000	5.0000	U	1.50	10	08/15/2025
Sample ID: CCB3 COD	mg/L	< 5.0000	5.0000	U	1.50	10	08/15/2025

Preparation Blank Summary

Client: Europastry

SDG No.: Q2810

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

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136764BL BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	08/08/2025
Sample ID: LB136765BL TSS	mg/L	< 2.0000	2.0000	U	1	4	08/11/2025
Sample ID: LB136766BL Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	08/11/2025
Sample ID: LB136767BL TPH	mg/L	< 2.5000	2.5000	U	0.29	5.0	08/11/2025
Sample ID: LB136825BL COD	mg/L	< 5.0000	5.0000	U	1.5	10.0	08/15/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2810-01
Client ID:	MH-8-9-2025MS	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	365		345		20.0	1	100		08/11/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2810-01
Client ID:	MH-8-9-2025MSD	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	366		345		20.0	1	101		08/11/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2813-01
Client ID:	Q2813-1MS	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		24.0		20.0	1	100		08/11/2025

Matrix Spike Summary

Client: Europastry **SDG No.:** Q2810
Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ **Sample ID:** Q2813-01
Client ID: Q2813-1MSD **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	43.8		24.0		20.0	1	99		08/11/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2862-05
Client ID:	DSN003MS	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	80.4		29.6		50.0	1	102		08/15/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2862-05
Client ID:	DSN003MSD	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	78.4		29.6		50.0	1	98		08/15/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	LB136767BS
Client ID:	LB136767BSD	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		08/11/2025

Duplicate Sample Summary

Client: Europastry Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ Client ID: CompDUP	SDG No.: Q2810 Sample ID: Q2789-02 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
TSS	mg/L	+/-5	377		387		1	2.62		08/11/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2810-01
Client ID:	MH-8-9-2025MSD	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	365		366		1	0.05		08/11/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2811-02
Client ID:	EFF-WASTE WATERDUP	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	605		617		1	2		08/08/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2813-01
Client ID:	Q2813-1MSD	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		43.8		1	0.23		08/11/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2822-01
Client ID:	NWB-2185DUP	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	6.57		6.59		1	0.3		08/12/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2862-05
Client ID:	DSN003DUP	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	29.6		29.6		1	0		08/15/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2862-05
Client ID:	DSN003MSD	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	80.4		78.4		1	2.52		08/15/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136764

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136764BS							
BOD5	mg/L	198	208		105	1	84.6-115.4	08/08/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136765

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136765BS							
TSS	mg/L	550	531		96	1	90-110	08/11/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136766

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136766BS							
Oil and Grease	mg/L	20.0	16.8		84	1	78-114	08/11/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136767

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136767BS							
TPH	mg/L	20.0	17.1		86	1	78-114	08/11/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136767

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136767BSD							
TPH	mg/L	20.0	16.9		84	1	78-114	08/11/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2810
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136825

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136825BS							
COD	mg/L	50	47.9		96	1	90-110	08/15/2025