

LAB CHRONICLE

OrderID:	Q2276	OrderDate:	6/10/2025 11:49:37 AM
Client:	Europastray	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
Q2276-01	MH-6-10-2025	WATER			06/10/25 11:10			06/10/25
			BOD5	SM5210 B			06/11/25 16:40	
			COD	SM5220 D			06/12/25 14:17	
			Oil and Grease	1664A			06/13/25 09:30	
			pH	9040C			06/11/25 11:45	
			TPH	1664A			06/13/25 09:30	
			TSS	SM2540 D			06/13/25 10:00	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Europastry	Date Collected:	06/10/25 11:10
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Date Received:	06/10/25
Client Sample ID:	MH-6-10-2025	SDG No.:	Q2276
Lab Sample ID:	Q2276-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	498		1	0.20	2.00	mg/L		06/11/25 16:40	SM 5210 B-16
COD	9670	D	100	150	1000	mg/L		06/12/25 14:17	SM 5220 D-11
Oil and Grease	803		1	0.29	5.00	mg/L		06/13/25 09:30	1664A
pH	3.76	H	1	0	0	pH		06/11/25 11:45	9040C
TPH	403		1	0.29	5.00	mg/L		06/13/25 09:30	1664A
TSS	2320		1	1.00	4.00	mg/L		06/13/25 10:00	SM 2540 D-15

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.: Q2276

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

RunNo.: LB136102

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV pH	pH	7.00	7	100	90-110	06/11/2025
Sample ID: CCV1 pH	pH	2.01	2.00	101	90-110	06/11/2025
Sample ID: CCV2 pH	pH	12.02	12.00	100	90-110	06/11/2025

Initial and Continuing Calibration Verification

Client: Europastry

SDG No.: Q2276

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

RunNo.: LB136134

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	49.946	50	100	95-105	06/12/2025
Sample ID: CCV2 COD	mg/L	48.931	50	98	95-105	06/12/2025
Sample ID: CCV3 COD	mg/L	50.962	50	102	95-105	06/12/2025

Initial and Continuing Calibration Blank Summary

Client: Europastry

SDG No.: Q2276

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

RunNo.: LB136134

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	06/12/2025
Sample ID: CCB2 COD	mg/L	< 5.0000	5.0000	U	1.50	10	06/12/2025
Sample ID: CCB3 COD	mg/L	< 5.0000	5.0000	U	1.50	10	06/12/2025

Preparation Blank Summary

Client: Europastry

SDG No.: Q2276

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

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136118BL BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	06/11/2025
Sample ID: LB136134BL COD	mg/L	< 5.0000	5.0000	U	1.5	10.0	06/12/2025
Sample ID: LB136143BL Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	06/13/2025
Sample ID: LB136144BL TPH	mg/L	< 2.5000	2.5000	U	0.29	5.0	06/13/2025
Sample ID: LB136145BL TSS	mg/L	1	2.0000	J	1	4	06/13/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2276-01
Client ID:	MH-6-10-2025MS	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	31.8		803		20.0	1	-3850	*	06/13/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2276-01
Client ID:	MH-6-10-2025MSD	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	32.6		803		20.0	1	-3850	*	06/13/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2294-01
Client ID:	Outfall 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
COD	mg/L	75-125	64.2		18.5		50.0	1	91		06/12/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2294-01
Client ID:	Outfall 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
COD	mg/L	75-125	64.2		18.5		50.0	1	91		06/12/2025

Matrix Spike Summary

Client: Europastry **SDG No.:** Q2276
Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ **Sample ID:** Q2309-01
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	41.9		22.1		20.0	1	99		06/13/2025

Matrix Spike Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2309-01
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	42.3		22.1		20.0	1	101		06/13/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	LB136144BS
Client ID:	LB136144BSD	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	17.0		17.0		1	0		06/13/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2286-03
Client ID:	LAW-25-0084DUP	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	6.05		6.06		1	0.17		06/11/2025
BOD5	mg/L	+/-20	495		494		1	0.12		06/11/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2293-01
Client ID:	SW-3DUP	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	235		235		1	0.34		06/13/2025

Duplicate Sample Summary

Client: Europastry Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ Client ID: Outfall 1DUP	SDG No.: Q2276 Sample ID: Q2294-01 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
COD	mg/L	+/-20	18.5		19.5		1	5.26		06/12/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2294-01
Client ID:	Outfall 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
COD	mg/L	+/-20	64.2		64.2		1	0		06/12/2025

Duplicate Sample Summary

Client: Europastry Project: MCUA Permit No 14241 - 571 Jersey Ave NB NJ Client ID: MH-6-10-2025MSD	SDG No.: Q2276 Sample ID: Q2276-01 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	31.8		32.6		1	2.5		06/13/2025

Duplicate Sample Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Sample ID:	Q2309-01
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	41.9		42.3		1	0.95		06/13/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136118

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136118BS							
BOD5	mg/L	198	188		95	1	84.6-115.4	06/11/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136134

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136134BS							
COD	mg/L	50	47.9		96	1	90-110	06/12/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136143

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136143BS							
Oil and Grease	mg/L	20.0	16.8		84	1	78-114	06/13/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136144

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136144BS							
TPH	mg/L	20.0	17.0		85	1	78-114	06/13/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136144

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136144BSD							
TPH	mg/L	20.0	17.0		85	1	78-114	06/13/2025

Laboratory Control Sample Summary

Client:	Europastry	SDG No.:	Q2276
Project:	MCUA Permit No 14241 - 571 Jersey Ave NB NJ	Run No.:	LB136145

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136145BS							
TSS	mg/L	550	532		97	1	90-110	06/13/2025