

Report of Analysis

Client:	Mars Chocolate North America, LLC	Date Collected:	04/17/25 05:00
Project:	W.T.P. Final Effluent 2025	Date Received:	04/17/25
Client Sample ID:	EFFLUENT-COMPOSITE	SDG No.:	Q1831
Lab Sample ID:	Q1831-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	38.8		1	1.50	5.00	mg/L	04/17/25 14:00	04/18/25 09:51	SM 4500-NH3 B plus G-11
BOD Soluble	40.4		1	0.20	2.00	mg/L		04/18/25 13:45	SM 5210 B-16
BOD5	45.3		1	0.20	2.00	mg/L		04/18/25 13:45	SM 5210 B-16
COD	140		1	1.50	10.0	mg/L		04/21/25 13:57	SM 5220 D-11
Apparent Color	800	D	20	100	100	cu		04/18/25 09:40	SM 2120 B-11
Phosphorus, Total	1.56	OR	1	0.0050	0.050	mg/L	04/18/25 09:45	04/18/25 11:51	365.3
TDS	4150		1	1.00	10.0	mg/L		04/17/25 17:00	SM 2540 C-15
TSS	50.4		1	1.00	4.00	mg/L		04/21/25 10:00	SM 2540 D-15

Comments: Apparent color result reported at pH 7.93

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