



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Scientific Design	Date Collected:	08/12/25 10:08
Project:	Central Wastewater Treatment Facility 2025	Date Received:	08/12/25
Client Sample ID:	Manufacturing	SDG No.:	Q2835
Lab Sample ID:	Q2835-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	0.20	U	1	0.20	2.00	mg/L		08/14/25 09:50	SM 5210 B-16
COD	1.50	U	1	1.50	10.0	mg/L		08/15/25 11:03	SM 5220 D-11
Field pH	7.18		1	0	0	pH		08/12/25 10:30	SM4500-H B
Field Temperature	49.8		1	0	0	o C		08/12/25 10:30	SM 2550 B-10
TSS	60.3		1	1.00	4.00	mg/L		08/15/25 10:00	SM 2540 D-20

Comments:

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

Report of Analysis

Client:	Scientific Design	Date Collected:	08/12/25 10:21
Project:	Central Wastewater Treatment Facility 2025	Date Received:	08/12/25
Client Sample ID:	Pilot Plant	SDG No.:	Q2835
Lab Sample ID:	Q2835-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	481		1	0.20	2.00	mg/L		08/14/25 09:50	SM 5210 B-16
Field pH	6.52		1	0	0	pH		08/12/25 10:38	SM4500-H B
Field Temperature	34.8		1	0	0	o C		08/12/25 10:38	SM 2550 B-10
TSS	1.00	U	1	1.00	4.00	mg/L		08/15/25 10:00	SM 2540 D-20

Comments: _____

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LAB CHRONICLE

OrderID:	Q2835	OrderDate:	8/12/2025 11:33:54 AM
Client:	Scientific Design	Project:	Central Wastewater Treatment Facility 2025
Contact:	Brent Inkelaar	Location:	J21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2835-01	Manufacturing	WATER			08/12/25 10:08			08/12/25
			BOD5	SM5210 B			08/14/25 09:50	
			COD	SM5220 D			08/15/25 11:03	
			Field pH	SM4500-H B			08/12/25 10:30	
			Field Temperature	SM2550-B			08/12/25 10:30	
			TSS	SM2540 D			08/15/25 10:00	
Q2835-02	Pilot Plant	WATER			08/12/25 10:21			08/12/25
			BOD5	SM5210 B			08/14/25 09:50	
			Field pH	SM4500-H B			08/12/25 10:38	
			Field Temperature	SM2550-B			08/12/25 10:38	
			TSS	SM2540 D			08/15/25 10:00	