

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

LAB CHRONICLE

OrderID:	Q2089	OrderDate:	5/20/2025 12:19:00 PM
Client:	Major Products	Project:	Floor Drain Water 2025
Contact:	Paul Bustamante	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2089-01	DRAIN-WATER-TANK-1	WATER			05/20/25 11:30			05/20/25
			BOD5	SM5210 B			05/22/25 08:50	
			TSS	SM2540 D			05/21/25 10:30	



SAMPLE DATA

Report of Analysis

Client:	Major Products	Date Collected:	05/20/25 11:30
Project:	Floor Drain Water 2025	Date Received:	05/20/25
Client Sample ID:	DRAIN-WATER-TANK-1	SDG No.:	Q2089
Lab Sample ID:	Q2089-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	6210		1	0.20	2.00	mg/L		05/22/25 08:50	SM 5210 B-16
TSS	377		1	1.00	4.00	mg/L		05/21/25 10:30	SM 2540 D-15

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



QC RESULT SUMMARY

Preparation Blank Summary

Client: Major Products

SDG No.: Q2089

Project: Floor Drain Water 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: TSS	LB135861BL mg/L	1	2.0000	J	1	4	05/21/2025
Sample ID: BOD5	LB135887BL mg/L	< 0.2000	0.2000	U	0.20	2.0	05/22/2025

Duplicate Sample Summary

Client:	Major Products	SDG No.:	Q2089
Project:	Floor Drain Water 2025	Sample ID:	Q2068-03
Client ID:	LAW-25-0074DUP	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	2210		2210		1	0.09		05/21/2025

Duplicate Sample Summary

Client: Major Products Project: Floor Drain Water 2025 Client ID: COMPDUP	SDG No.: Q2089 Sample ID: Q2105-02 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
BOD5	mg/L	+/-20	1020		1030		1	1.13		05/22/2025

Laboratory Control Sample Summary

Client: Major Products

SDG No.: Q2089

Project: Floor Drain Water 2025

Run No.: LB135861

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135861BS							
TSS	mg/L	550	533		97	1	90-110	05/21/2025

Laboratory Control Sample Summary

Client: Major Products

SDG No.: Q2089

Project: Floor Drain Water 2025

Run No.: LB135887

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135887BS							
BOD5	mg/L	198	191		96	1	84.6-115.4	05/22/2025



RAW DATA

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 05/20/2025

Run Number: LB135861

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 104 °C 05/20/2025 15:00 **TEMP1 OUT:** 104 °C 05/20/2025 16:00
TEMP2 IN: 104 °C 05/20/2025 16:30 **TEMP2 OUT:** 103 °C 05/20/2025 17:30
TEMP3 IN: 104 °C 05/21/2025 10:30 **TEMP3 OUT:** 103 °C 05/21/2025 12:10
TEMP4 IN: 104 °C 05/21/2025 12:35 **TEMP4 OUT:** 103 °C 05/21/2025 14:10

Dish #	Lab ID	Client ID	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Sample Volume (ml)	1st Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	2nd Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Final Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Weight (g)	Result mg/L
1	LB135861BL	LB135861BL	1.7853	1.7853	100	1.7854	1.7854	1.7854	0.0001	1
2	LB135861BS	LB135861BS	1.9632	1.9632	100	2.0165	2.0165	2.0165	0.0533	533
3	Q2065-01	VACTRUCK-728068	1.4840	1.4840	100	2.7958	2.7958	2.7958	1.3118	13118
4	Q2067-01	303-PPR-FRAC	1.4886	1.4886	2000	1.5014	1.5014	1.5014	0.0128	6.4
5	Q2068-03	LAW-25-0074	1.4809	1.4809	100	1.7017	1.7017	1.7017	0.2208	2208
6	Q2068-03DUP	LAW-25-0074DUP	1.4923	1.4923	100	1.7129	1.7129	1.7129	0.2206	2206
7	Q2088-01	252820	1.4883	1.4883	50	1.5279	1.5279	1.5279	0.0396	792
8	Q2089-01	DRAIN-WATER-TANK-1	1.4832	1.4832	60	1.5058	1.5058	1.5058	0.0226	376.7
9	Q2091-01	001A (JAN-JUNE)	1.4784	1.4784	200	1.4946	1.4946	1.4946	0.0162	81
10	Q2091-02	002A (JAN-JUNE)	1.4913	1.4913	200	1.5082	1.5082	1.5082	0.0169	84.5
11	Q2093-14	WATER-COMP	1.4874	1.4874	2000	1.5170	1.5170	1.5170	0.0296	14.8

A = Sample Volume (ml)
 B = Final Empty Dish Weight (g)
 C = Final Empty Dish + Sample weight after 1.5 hr drying @105°C(g)
 D = Weight (g)

Weight (g) = C - B

Result mg/L = $\frac{D}{A} \times 1000 \times 1000$

WORKLIST(Hardcopy Internal Chain)

135861

WorkList Name : TSS Q2088 WorkList ID : 189653

Department : Wet-Chemistry

Date : 05-21-2025 08:07:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2065-01 H	VACTRUCK-728068	Water	TSS	Cool 4 deg C	PSEG03	L41	05/16/2025	SM2540 D
Q2067-01 J.H	303-PPR-FRAC	Water	TSS	Cool 4 deg C	PSEG03	L41	05/16/2025	SM2540 D
Q2068-03 J	LAW-25-0074	Water	TSS	Cool 4 deg C	PSEG03	L31	05/16/2025	SM2540 D
Q2088-01 H	252820	Water	TSS	Cool 4 deg C	PSEG03	L31	05/20/2025	SM2540 D
Q2089-01	DRAIN-WATER-TANK-1	Water	TSS	Cool 4 deg C	MAJO01	L31	05/20/2025	SM2540 D
Q2091-01	001A(JAN-JUNE)	Water	TSS	Cool 4 deg C	TULL01	L41	05/16/2025	SM2540 D
Q2091-02	002A(JAN-JUNE)	Water	TSS	Cool 4 deg C	TULL01	L41	05/16/2025	SM2540 D
Q2093-14 H.K	WATER-COMP	Water	TSS	Cool 4 deg C	PSEG03	L41	05/20/2025	SM2540 D

Date/Time 05/21/25 08:15

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 05/21/25 14:30

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

BOD5 LOG

ANALYST: rubin
 On:5/27/2025 2:09:12 PM

SUPERVISOR: Iwona

QC BATCH ID: LB135887

Analysis Date: 05/22/2025

BOD Water: WP113196

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP112832

Sodium Thiosulfate, 0.025N: W3105

POLYSEED: WP113198

NaOH, 1N: WP111323

GGA: WP113197

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3140

Zero DO: WP113147

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.8	9.8	9.8
WINKLER 2	WINKLER 2	2	300	9.9	19.7	9.8	9.8

Meter Calibration1: 8.46

Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.98

After Incubation

Meter Calibration2: 8.75

Zero DO Reading2: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure2: 771 mmHg

QC BATCH ID: LB135887

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 08:50

TIME OUT: 09:00

DATE IN: 05/22/2025

DATE OUT: 05/27/2025

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB135887BL	1	No	6.58	N/A	20.90	300	9.98	9.96	0.02	0.02	0.02	
POLYSEED	1					10	9.94	6.72	3.22	0.64	0.68	
POLYSEED	2					15	9.92	4.61	5.31	0.71		
POLYSEED	3					20	9.87	3.09	6.78	0.68		
GGA	1					6	9.96	5.62	4.34	183	190.5	
GGA	2					6	9.95	5.42	4.53	192.5		
GGA	3					6	9.95	5.35	4.6	196		
Q2088-01	1	No	6.52	N/A	20.90	5	9.92	8.61	-	0	11.66	
Q2088-01	2					20	9.90	7.94	-	0		
Q2088-01	3					50	9.87	6.97	2.9	13.32		
Q2088-01	4					150	9.69	4.01	5.68	10		
Q2089-01	1	No	7.31	N/A	20.10	5	9.94	7.61	2.33	9900	6208.8	
Q2089-01	2					10	9.87	5.88	3.99	9930		
Q2089-01	3					20	9.74	5.11	4.63	5925		
Q2089-01	4					50	9.64	4.08	5.56	2928		
Q2089-01	5					100	9.60	1.05	8.55	2361		
Q2093-14	1	No	7.17	N/A	20.50	5	9.92	8.76	-	0	8.09	
Q2093-14	2					20	9.90	8.12	-	0		
Q2093-14	3					50	9.87	7.68	2.19	9.06		
Q2093-14	4					150	9.72	5.48	4.24	7.12		
Q2098-01	1	No	7.00	N/A	20.20	1	9.90	9.00	-	0	101.55	
Q2098-01	2					2	9.88	8.68	-	0		
Q2098-01	3					5	9.85	7.33	2.52	110.4		
Q2098-01	4					10	9.83	6.06	3.77	92.7		
Q2098-04	1	No	7.09	N/A	20.20	1	9.90	8.65	-	0	279.2	
Q2098-04	2					2	9.87	7.04	2.83	322.5		
Q2098-04	3					5	9.83	4.61	5.22	272.4		
Q2098-04	4					10	9.80	1.03	8.77	242.7		
Q2102-03	1	No	6.29	7.00	20.30	5	9.93	7.74	2.19	90.6	78.97	pH Adjuster
Q2102-03	2					20	9.90	4.73	5.17	67.35		
Q2102-03	3					50	9.80	0.18	-	0		
Q2102-03	4					150	8.57	0.10	-	0		
Q2105-02	1	No	6.14	7.12	20.60	5	9.92	7.36	2.56	1128	1015.5	pH Adjuster
Q2105-02	2					10	9.87	5.80	4.07	1017		
Q2105-02	3					20	9.80	3.11	6.69	901.5		
Q2105-02	4					30	9.74	0.12	-	0		
Q2105-02DUP	1	No	6.14	7.12	20.60	5	9.92	7.38	2.54	1116	1027	pH Adjuster
Q2105-02DUP	2					10	9.85	5.74	4.11	1029		
Q2105-02DUP	3					20	9.79	2.87	6.92	936		
Q2105-02DUP	4					30	9.72	0.10	-	0		
Q2106-01	1	No	12.04	7.38	20.90	5	9.95	3.09	6.86	370.8	370.8	pH Adjuster

Q2106-01	2					20	9.92	0.29	-	0	
Q2106-01	3					50	9.90	0.21	-	0	
Q2106-01	4					150	9.84	0.17	-	0	

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

NOTE (For, CBOD5): 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

6135887

WorkList Name : BOD5-5-21

WorkList ID : 189686

Department : Wet-Chemistry

Date : 05-21-2025 15:02:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2088-01	252820	Water	BOD5	Cool 4 deg C	PSEG03	L31	05/20/2025	SM5210 B
Q2089-01	DRAIN-WATER-TANK-1	Water	BOD5	Cool 4 deg C	MAJO01	L31	05/20/2025	SM5210 B
Q2093-14	WATER-COMP	Water	BOD5	Cool 4 deg C	PSEG03	L41	05/20/2025	SM5210 B
Q2098-01	OUTFALL-DSN-001	Water	BOD5	Cool 4 deg C	TRIS02	L51	05/20/2025	SM5210 B
Q2098-04	OUTFALL-DSN-002	Water	BOD5	Cool 4 deg C	TRIS02	L51	05/20/2025	SM5210 B
Q2102-03	LAW-25-0078	Water	BOD5	Cool 4 deg C	PSEG03	L21	05/21/2025	SM5210 B
Q2105-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	L31	05/21/2025	SM5210 B
Q2106-01	TW-WTS-09	Water	BOD5	Cool 4 deg C	ENTA05	L31	05/19/2025	SM5210 B

Date/Time 05/22/2025 07:00
 Raw Sample Received by: RM WAC
 Raw Sample Relinquished by: [Signature]

Date/Time 05/22/2025 09:20
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB135861

Review By	jignesh	Review On	5/21/2025 1:32:25 PM
Supervise By	Iwona	Supervise On	5/21/2025 1:56:17 PM
SubDirectory	LB135861	Test	TSS
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB135861BL	LB135861BL	MB	05/21/25 10:30		jignesh	OK
2	LB135861BS	LB135861BS	LCS	05/21/25 10:30	55mg W3186+100mL W3112	jignesh	OK
3	Q2065-01	VACTRUCK-728068	SAM	05/21/25 10:30		jignesh	OK
4	Q2067-01	303-PPR-FRAC	SAM	05/21/25 10:30		jignesh	OK
5	Q2068-03	LAW-25-0074	SAM	05/21/25 10:30		jignesh	OK
6	Q2068-03DUP	LAW-25-0074DUP	DUP	05/21/25 10:30		jignesh	OK
7	Q2088-01	252820	SAM	05/21/25 10:30		jignesh	OK
8	Q2089-01	DRAIN-WATER-TANK	SAM	05/21/25 10:30		jignesh	OK
9	Q2091-01	001A(JAN-JUNE)	SAM	05/21/25 10:30		jignesh	OK
10	Q2091-02	002A(JAN-JUNE)	SAM	05/21/25 10:30		jignesh	OK
11	Q2093-14	WATER-COMP	SAM	05/21/25 10:30		jignesh	OK

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB135887

Review By	rubina	Review On	5/27/2025 2:07:28 PM
Supervise By	Iwona	Supervise On	5/27/2025 2:09:12 PM
SubDirectory	LB135887	Test	BOD5
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP113196,W3149,WP112832,W3103,W3109,W3105,WP113198,WP113197,WP111323		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB135887BL	LB135887BL	MB	05/22/25 08:50		rubina	OK
2	LB135887BS	LB135887BS	LCS	05/22/25 08:50		rubina	OK
3	Q2088-01	252820	SAM	05/22/25 08:50		rubina	OK
4	Q2089-01	DRAIN-WATER-TANK	SAM	05/22/25 08:50		rubina	OK
5	Q2093-14	WATER-COMP	SAM	05/22/25 08:50		rubina	OK
6	Q2098-01	OUTFALL-DSN-001	SAM	05/22/25 08:50		rubina	OK
7	Q2098-04	OUTFALL-DSN-002	SAM	05/22/25 08:50		rubina	OK
8	Q2102-03	LAW-25-0078	SAM	05/22/25 08:50		rubina	OK
9	Q2105-02	COMP	SAM	05/22/25 08:50		rubina	OK
10	Q2105-02DUP	COMPDUP	DUP	05/22/25 08:50		rubina	OK
11	Q2106-01	TW-WTS-09	SAM	05/22/25 08:50		rubina	OK



SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number

Q2089

2044264

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: MAJOR PRODUCTS Co.
ADDRESS: 66 Industrial Ave
CITY: Little Ferry STATE: NJ ZIP: 07643
ATTENTION: PAUL BUSTAMANTE
PHONE: 201 641 5555 FAX: 201 641 6371

CLIENT PROJECT INFORMATION

PROJECT NAME: floor drain water
PROJECT NO.: LOCATION:
PROJECT MANAGER: Paul Bustamante
e-mail: jjsin@majorproducts.com
PHONE: 201 641 5555 FAX:

CLIENT BILLING INFORMATION

BILL TO: MAJOR PO#:
ADDRESS:
CITY: boro STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

1	2	3	4	5	6	7	8	9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	Drain water tank #1	H2O		✓	5/20	11:30	1	X	X								Plastic bottle	
2.																		
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. [Signature]	DATE/TIME: 1205 5/20/25	RECEIVED BY: 1. [Signature]	Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
RELINQUISHED BY SAMPLER: 2. [Signature]	DATE/TIME:	RECEIVED BY: 2. [Signature]	Comments: [Signature]
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME:	RECEIVED BY: 3. [Signature]	Page ____ of ____ CLIENT: ☒ Hand Delivered ☐ Other CHEMTECH: ☐ Picked Up ☐ Field Sampling Shipment Complete ☒ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488