

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:	Q3420	OrderDate:	10/22/2025 11:07:00 AM
Client:	Dal-Tile	Project:	Waste Water
Contact:	Michel Gil	Location:	J22

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3420-01	Oil and Grease #1	WATER			10/21/25 13:36			10/22/25
			Oil and Grease	1664A			10/27/25 10:00	
Q3420-02	Oil and Grease #2	WATER			10/21/25 14:53			10/22/25
			Oil and Grease	1664A			10/27/25 10:00	
Q3420-03	Oil and Grease #3	WATER			10/21/25 14:59			10/22/25
			Oil and Grease	1664A			10/27/25 10:00	
Q3420-04	Cyanide	WATER			10/21/25 15:04			10/22/25
			Cyanide	SM4500-CN C,E		10/24/25	10/24/25 11:11	
Q3420-05	COMPOSITE	WATER			10/21/25 15:16			10/22/25
			Ammonia	SM4500-NH3		10/22/25	10/22/25 14:56	
			BOD5	SM5210 B			10/23/25 15:00	
			Hexavalent Chromium	7196A			10/22/25 13:07	
			Phosphorus-Total	365.3		10/31/25	10/31/25 13:36	
			TSS	SM2540 D			10/24/25 12:30	



SAMPLE DATA

Report of Analysis

Client: Dal-Tile
Project: Waste Water
Client Sample ID: Oil and Grease #1
Lab Sample ID: Q3420-01

Date Collected: 10/21/25 13:36
Date Received: 10/22/25
SDG No.: Q3420
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	3.20	J	1	0.29	5.00	mg/L		10/27/25 10:00	1664A

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: Dal-Tile
Project: Waste Water
Client Sample ID: Oil and Grease #2
Lab Sample ID: Q3420-02

Date Collected: 10/21/25 14:53
Date Received: 10/22/25
SDG No.: Q3420
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	4.00	J	1	0.29	5.00	mg/L		10/27/25 10:00	1664A

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: Dal-Tile
Project: Waste Water
Client Sample ID: Oil and Grease #3
Lab Sample ID: Q3420-03

Date Collected: 10/21/25 14:59
Date Received: 10/22/25
SDG No.: Q3420
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	1.20	J	1	0.29	5.00	mg/L		10/27/25 10:00	1664A

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: Dal-Tile
Project: Waste Water
Client Sample ID: Cyanide
Lab Sample ID: Q3420-04

Date Collected: 10/21/25 15:04
Date Received: 10/22/25
SDG No.: Q3420
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.19		1	0.0012	0.0050	mg/L	10/24/25 08:10	10/24/25 11:11	SM 4500-CN C-21 plus E-21

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: Dal-Tile
Project: Waste Water
Client Sample ID: COMPOSITE
Lab Sample ID: Q3420-05

Date Collected: 10/21/25 15:16
Date Received: 10/22/25
SDG No.: Q3420
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	0.45		1	0.030	0.10	mg/L	10/22/25 12:45	10/22/25 14:56	SM 4500-NH3 B plus G-21
BOD5	230		1	0.20	2.00	mg/L		10/23/25 15:00	SM 5210 B-16
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		10/22/25 13:07	7196A
Phosphorus, Total	0.18		1	0.0050	0.050	mg/L	10/31/25 10:00	10/31/25 13:36	365.3
TSS	14.1		1	1.00	4.00	mg/L		10/24/25 12:30	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



QC RESULT SUMMARY



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Initial and Continuing Calibration Verification

Client: Dal-Tile
Project: Waste Water

SDG No.: Q3420
RunNo.: LB137615

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.504	0.5	101	90-110	10/22/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.502	0.5	100	90-110	10/22/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.500	0.5	100	90-110	10/22/2025

Initial and Continuing Calibration Verification

Client: Dal-Tile

SDG No.: Q3420

Project: Waste Water

RunNo.: LB137617

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	0.97	1	97	90-110	10/22/2025
Sample ID: CCV1 Ammonia as N	mg/L	0.97	1	97	90-110	10/22/2025
Sample ID: CCV2 Ammonia as N	mg/L	0.96	1	96	90-110	10/22/2025
Sample ID: CCV3 Ammonia as N	mg/L	0.96	1	96	90-110	10/22/2025
Sample ID: CCV4 Ammonia as N	mg/L	0.96	1	96	90-110	10/22/2025
Sample ID: CCV5 Ammonia as N	mg/L	0.98	1	98	90-110	10/22/2025

Initial and Continuing Calibration Verification

Client: Dal-Tile

SDG No.: Q3420

Project: Waste Water

RunNo.: LB137634

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Cyanide		mg/L	0.094	0.099	95	85-115	10/24/2025
Sample ID:	CCV1						
Cyanide		mg/L	0.24	0.25	96	90-110	10/24/2025
Sample ID:	CCV2						
Cyanide		mg/L	0.24	0.25	96	90-110	10/24/2025

Initial and Continuing Calibration Verification

Client: Dal-Tile

SDG No.: Q3420

Project: Waste Water

RunNo.: LB137729

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Phosphorus, Total	mg/L	0.517	0.50	103	90-110	10/31/2025
Sample ID: CCV1 Phosphorus, Total	mg/L	0.502	0.50	100	90-110	10/31/2025
Sample ID: CCV2 Phosphorus, Total	mg/L	0.493	0.50	99	90-110	10/31/2025

Initial and Continuing Calibration Blank Summary

Client: Dal-Tile
Project: Waste Water

SDG No.: Q3420
RunNo.: LB137615

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/22/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/22/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/22/2025

Initial and Continuing Calibration Blank Summary

Client: Dal-Tile
Project: Waste Water

SDG No.: Q3420
RunNo.: LB137617

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/22/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/22/2025
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/22/2025
Sample ID: CCB3 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/22/2025
Sample ID: CCB4 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/22/2025
Sample ID: CCB5 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/22/2025

Initial and Continuing Calibration Blank Summary

Client: Dal-Tile
Project: Waste Water

SDG No.: Q3420
RunNo.: LB137634

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	10/24/2025
Sample ID: CCB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	10/24/2025
Sample ID: CCB2 Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	10/24/2025

Initial and Continuing Calibration Blank Summary

Client: Dal-Tile
Project: Waste Water

SDG No.: Q3420
RunNo.: LB137729

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Phosphorus, Total	mg/L	0.007	0.0250	J	0.0045	0.05	10/31/2025
Sample ID: CCB1 Phosphorus, Total	mg/L	0.010	0.0250	J	0.0045	0.05	10/31/2025
Sample ID: CCB2 Phosphorus, Total	mg/L	0.007	0.0250	J	0.0045	0.05	10/31/2025

Preparation Blank Summary

Client: Dal-Tile

SDG No.: Q3420

Project: Waste Water

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137615BL Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	10/22/2025
Sample ID: LB137623BL BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	10/23/2025
Sample ID: LB137648BL TSS	mg/L	1	2.0000	J	1	4	10/24/2025
Sample ID: LB137655BL Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	10/27/2025
Sample ID: PB170208BL Ammonia as N	mg/L	< 0.0500	0.0500	U	0.03	0.1	10/22/2025
Sample ID: PB170237BL Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	10/24/2025
Sample ID: PB170350BL Phosphorus, Total	mg/L	0.01	0.0250	J	0.005	0.05	10/31/2025

Matrix Spike Summary

Client:	Dal-Tile	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3420-05
Client ID:	COMPOSITEMS	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
Hexavalent Chromium	mg/L	90-111	0.92		0.0030	U	1.0	2	92		10/22/2025
Ammonia as N	mg/L	75-125	1.50		0.45		1	1	105		10/22/2025

Matrix Spike Summary

Client:	Dal-Tile	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3420-05
Client ID:	COMPOSITMSD	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
Hexavalent Chromium	mg/L	90-111	0.93		0.0030	U	1.0	2	93		10/22/2025
Ammonia as N	mg/L	75-125	1.50		0.45		1	1	105		10/22/2025

Matrix Spike Summary

Client:	Dal-Tile	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3442-01
Client ID:	SW-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
Phosphorus, Total	mg/L	90-110	0.50		0.025	J	0.5	1	94		10/31/2025

Matrix Spike Summary

Client:	Dal-Tile	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3442-01
Client ID:	SW-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
Phosphorus, Total	mg/L	90-110	0.50		0.025	J	0.5	1	96		10/31/2025

Matrix Spike Summary

Client:	Dal-Tile	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3448-03
Client ID:	DSN001MS	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
Cyanide	mg/L	75-125	0.040		0.0035	J	0.04	1	91		10/24/2025

Matrix Spike Summary

Client:	Dal-Tile	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3448-03
Client ID:	DSN001MSD	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
Cyanide	mg/L	75-125	0.040		0.0035	J	0.04	1	91		10/24/2025

Matrix Spike Summary

Client:	Dal-Tile	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3448-03
Client ID:	DSN001MS	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	22.4		2.30	J	20.0	1	101		10/27/2025

Matrix Spike Summary

Client:	Dal-Tile	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3448-03
Client ID:	DSN001MSD	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	22.6		2.30	J	20.0	1	102		10/27/2025

Matrix Spike Summary

Client:	Dal-Tile	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3455-01
Client ID:	Q3455 -01MS	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	287		267		20.0	1	101		10/27/2025

Matrix Spike Summary

Client:	Dal-Tile	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3455-01
Client ID:	Q3455 -01MSD	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	287		267		20.0	1	102		10/27/2025

Duplicate Sample Summary

Client: Dal-Tile Project: Waste Water Client ID: COMPOSITEDUP	SDG No.: Q3420 Sample ID: Q3420-05 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
Hexavalent Chromium	mg/L	+/-20	0.0030	U	0.0030	U	1	0		10/22/2025
Ammonia as N	mg/L	+/-20	0.45		0.45		1	0		10/22/2025
BOD5	mg/L	+/-20	230		223		1	3.18		10/23/2025

Duplicate Sample Summary

Client: Dal-Tile Project: Waste Water Client ID: COMPOSITMSD	SDG No.: Q3420 Sample ID: Q3420-05 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
Hexavalent Chromium	mg/L	+/-20	0.92		0.93		2	0.22		10/22/2025
Ammonia as N	mg/L	+/-20	1.50		1.50		1	0		10/22/2025

Duplicate Sample Summary

Client:	Dal-Tile	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3442-01
Client ID:	SW-1DUP	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
Phosphorus, Total	mg/L	+/-20	0.025	J	0.024	J	1	4.08		10/31/2025

Duplicate Sample Summary

Client: Dal-Tile Project: Waste Water Client ID: SW-1MSD	SDG No.: Q3420 Sample ID: Q3442-01 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
Phosphorus, Total	mg/L	+/-20	0.50		0.50		1	1.2		10/31/2025

Duplicate Sample Summary

Client: Dal-Tile Project: Waste Water Client ID: DSN001DUP	SDG No.: Q3420 Sample ID: Q3448-01 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
TSS	mg/L	+/-5	27.5		27.1		1	1.47		10/24/2025

Duplicate Sample Summary

Client:	Dal-Tile	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3448-03
Client ID:	DSN001DUP	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
Cyanide	mg/L	+/-20	0.0035	J	0.0034	J	1	3		10/24/2025

Duplicate Sample Summary

Client: Dal-Tile Project: Waste Water Client ID: DSN001MSD	SDG No.: Q3420 Sample ID: Q3448-03 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
Cyanide	mg/L	+/-20	0.040		0.040		1	0		10/24/2025

Duplicate Sample Summary

Client:	Dal-Tile	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3448-03
Client ID:	DSN001MSD	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	22.4		22.6		1	0.89		10/27/2025

Duplicate Sample Summary

Client:	Dal-Tile	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3455-01
Client ID:	Q3455 -01MSD	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	287		287		1	0.03		10/27/2025

Laboratory Control Sample Summary

Client: Dal-Tile
Project: Waste Water

SDG No.: Q3420
Run No.: LB137615

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137615BS							
Hexavalent Chromium	mg/L	0.5	0.52		103	1	90-111	10/22/2025

Laboratory Control Sample Summary

Client: Dal-Tile
Project: Waste Water

SDG No.: Q3420
Run No.: LB137623

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137623BS							
BOD5	mg/L	198	186		94	1	84.6-115.4	10/23/2025

Laboratory Control Sample Summary

Client: Dal-Tile
Project: Waste Water

SDG No.: Q3420
Run No.: LB137648

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137648BS							
TSS	mg/L	550	531		96	1	90-110	10/24/2025

Laboratory Control Sample Summary

Client: Dal-Tile
Project: Waste Water

SDG No.: Q3420
Run No.: LB137655

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137655BS							
Oil and Grease	mg/L	20.0	16.7		84	1	78-114	10/27/2025

Laboratory Control Sample Summary

Client: Dal-Tile
Project: Waste Water

SDG No.: Q3420
Run No.: LB137617

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170208BS							
Ammonia as N	mg/L	1	0.98		98	1	90-110	10/22/2025

Laboratory Control Sample Summary

Client: Dal-Tile
Project: Waste Water

SDG No.: Q3420
Run No.: LB137634

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170237BS							
Cyanide	mg/L	0.1	0.096		96	1	85-115	10/24/2025

Laboratory Control Sample Summary

Client: Dal-Tile
Project: Waste Water

SDG No.: Q3420
Run No.: LB137729

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170350BS							
Phosphorus, Total	mg/L	0.50	0.52		103	1	90-110	10/31/2025



RAW DATA

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137615

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP115283
Calibration Std. hexchrome 0.05 ppm	WP115282
calibration std. hexchrome 0.01 ppm	WP115280
calibration std. hexchrome 0 ppm	WP115279
hexavalent chromium color reagent	WP115235
5N sulfuric acid	WP112831
Calibration Std Hexachrome 0.025 ppm	WP115281
Hexavalent Chromium ICV-LCS Std	WP115286
Calibration and CCV std HexChrome 0.5PPM	WP115284
Calibration std HexChrome 1.0PPM	WP115285

Intercept: 0.0004

Slope: 0.7805

Regression: 0.999992

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		1.82	0.000	0.000	0.000	-0.00		10/22/2025	13:00
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	0.008	-20	10/22/2025	13:00
3	CAL3	0.025	1	100	100		1.85	0.000	0.020	0.020	0.025	0	10/22/2025	13:01
4	CAL4	0.05	1	100	100		1.94	0.000	0.039	0.039	0.049	-2	10/22/2025	13:01
5	CAL5	0.1	1	100	100		1.89	0.000	0.081	0.081	0.103	3	10/22/2025	13:02
6	CAL6	0.5	1	100	100		1.90	0.000	0.390	0.390	0.499	-0.2	10/22/2025	13:02
7	CAL7	1	1	100	100		1.94	0.000	0.781	0.781	1.000	0	10/22/2025	13:03

Analytical Summary Report

Analysis Method: 7196A

ANALYST:rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY:Iwona

Run Number: LB137615

pH Meter ID:WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.97	0.000	0.394	0.394	0.504	10/22/2025	13:03
2	ICB		1	100	100		1.92	0.000	0.001	0.001	0.001	10/22/2025	13:04
3	CCV1	0.5	1	100	100		1.94	0.000	0.392	0.392	0.502	10/22/2025	13:04
4	CCB1		1	100	100		1.97	0.000	0.001	0.001	0.001	10/22/2025	13:05
5	RL Check	0.01	1	100	100		2.00	0.000	0.008	0.008	0.010	10/22/2025	13:05
6	LB137615BL		1	100	100		1.95	0.000	0.001	0.001	0.001	10/22/2025	13:06
7	LB137615BS	0.5	1	100	100		2.01	0.000	0.403	0.403	0.516	10/22/2025	13:06
8	Q3420-05		1	100	100		2.06	0.000	0.000	0.000	-0.001	10/22/2025	13:07
9	Q3420-05DU		1	100	100		2.03	0.000	0.000	0.000	-0.001	10/22/2025	13:07
10	Q3420-05MS	1	2	100	100		2.06	0.000	0.361	0.361	0.462	10/22/2025	13:08
11	Q3420-05MS	1	2	100	100		2.07	0.000	0.362	0.362	0.463	10/22/2025	13:08
12	Q3422-02		1	100	100		2.00	0.000	0.000	0.000	-0.001	10/22/2025	13:09
13	CCV2	0.5	1	100	100		2.07	0.000	0.391	0.391	0.500	10/22/2025	13:09
14	CCB2		1	100	100		1.99	0.000	0.000	0.000	-0.001	10/22/2025	13:10

LB137617

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

10/22/2025 16:06

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.971	0.0	0.216	
ICB1	0.008	0.0	0.021	
CCV1	0.969	0.0	0.215	
CCB1	0.007	0.0	0.021	
RL CHECK	0.091	0.0	0.038	
PB170196BL	0.007	0.0	0.021	
PB170196BS	0.983	0.0	0.218	
Q3380-01	1.565	0.0	0.335	
Q3380-01DUP	1.554	0.0	0.333	
Q3380-01MS	2.572	0.0	0.538	
Q3380-01MSD	2.610	0.0	0.546	
Q3380-02	28.142	0.0	5.693	
Q3380-03	5.673	0.0	1.163	
PB170208BL	0.011	0.0	0.022	
CCV2	0.958	0.0	0.213	
CCB2	0.011	0.0	0.022	
PB170208BS	0.978	0.0	0.217	
Q3420-05	0.446	0.0	0.110	
Q3420-05DUP	0.447	0.0	0.110	
Q3420-05MS	1.519	0.0	0.326	
Q3420-05MSD	1.463	0.0	0.315	
CCV3	0.957	0.0	0.213	
CCB3	0.017	0.0	0.023	
Q3380-02DLX20	2.562	0.0	0.536	
Q3380-03DLX5	1.118	0.0	0.245	
CCV4	0.958	0.0	0.213	
CCB4	0.010	0.0	0.022	
Q3380-02DL2X40	1.227	0.0	0.267	
CCV5	0.984	0.0	0.218	
CCB5	0.012	0.0	0.022	
N	30			
Mean	1.961			
SD	5.0814			
CV%	259.13			

91% (50-150) 10/22/2025
RM

Test limit high
Test limit high
Init abs., Test limit hig
Test limit high

Test limit high

Aquakem v. 7.2AQ1

Results from time period:

Wed Oct 22 12:57:57 2025

Wed Oct 22 16:06:06 2025

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-† P		0.0134	mg/l	10/22/2025 12:57:57	
0.1PPM	A	Ammonia-† P		0.107	mg/l	10/22/2025 12:57:58	
0.2PPM	A	Ammonia-† P		0.2031	mg/l	10/22/2025 12:57:59	
0.4PPM	A	Ammonia-† P		0.3989	mg/l	10/22/2025 12:58:00	
1.0PPM	A	Ammonia-† P		0.978	mg/l	10/22/2025 12:58:01	
1.3PPM	A	Ammonia-† P		1.3006	mg/l	10/22/2025 12:58:02	
2.0PPM	A	Ammonia-† P		2.0324	mg/l	10/22/2025 12:58:03	
ICV1	S	Ammonia-† P		0.971	mg/l	10/22/2025 14:34:29	
ICB1	S	Ammonia-† P		0.008	mg/l	10/22/2025 14:34:31	
CCV1	S	Ammonia-† P		0.9688	mg/l	10/22/2025 14:34:33	
CCB1	S	Ammonia-† P		0.0072	mg/l	10/22/2025 14:34:35	
RL CHECK	S	Ammonia-† P		0.0909	mg/l	10/22/2025 14:34:40	
PB170196BL	S	Ammonia-† P		0.0068	mg/l	10/22/2025 14:45:13	
PB170196BS	S	Ammonia-† P		0.9829	mg/l	10/22/2025 14:45:16	
Q3380-01	S	Ammonia-† P		1.5653	mg/l	10/22/2025 14:45:17	
Q3380-01DUP	S	Ammonia-† P		1.5537	mg/l	10/22/2025 14:45:19	
Q3380-01MS	S	Ammonia-† P		2.5716	mg/l	10/22/2025 14:45:21	
Q3380-01MSD	S	Ammonia-† P		2.6097	mg/l	10/22/2025 14:45:22	
Q3380-02	S	Ammonia-† P		28.1422	mg/l	10/22/2025 14:55:54	
Q3380-03	S	Ammonia-† P		5.6728	mg/l	10/22/2025 14:55:55	
PB170208BL	S	Ammonia-† P		0.0108	mg/l	10/22/2025 14:55:58	
CCV2	S	Ammonia-† P		0.9577	mg/l	10/22/2025 14:56:00	
CCB2	S	Ammonia-† P		0.0109	mg/l	10/22/2025 14:56:02	
PB170208BS	S	Ammonia-† P		0.9776	mg/l	10/22/2025 14:56:04	
Q3420-05	S	Ammonia-† P		0.4458	mg/l	10/22/2025 14:56:05	
Q3420-05DUP	S	Ammonia-† P		0.4468	mg/l	10/22/2025 15:04:54	
Q3420-05MS	S	Ammonia-† P		1.5186	mg/l	10/22/2025 15:33:42	
Q3420-05MSD	S	Ammonia-† P		1.4625	mg/l	10/22/2025 15:33:43	
CCV3	S	Ammonia-† P		0.9573	mg/l	10/22/2025 15:33:44	
CCB3	S	Ammonia-† P		0.0175	mg/l	10/22/2025 15:33:45	
Q3380-02DLX20	S	Ammonia-† P		2.5622	mg/l	10/22/2025 15:33:47	
Q3380-03DLX5	S	Ammonia-† P		1.1179	mg/l	10/22/2025 15:33:48	
CCV4	S	Ammonia-† P		0.9577	mg/l	10/22/2025 15:33:50	
CCB4	S	Ammonia-† P		0.0103	mg/l	10/22/2025 15:33:53	
Q3380-02DL2X40	S	Ammonia-† P		1.2272	mg/l	10/22/2025 16:06:02	
CCV5	S	Ammonia-† P		0.9838	mg/l	10/22/2025 16:06:04	
CCB5	S	Ammonia-† P		0.0121	mg/l	10/22/2025 16:06:05	

Calibration results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

10/22/2025 13:32

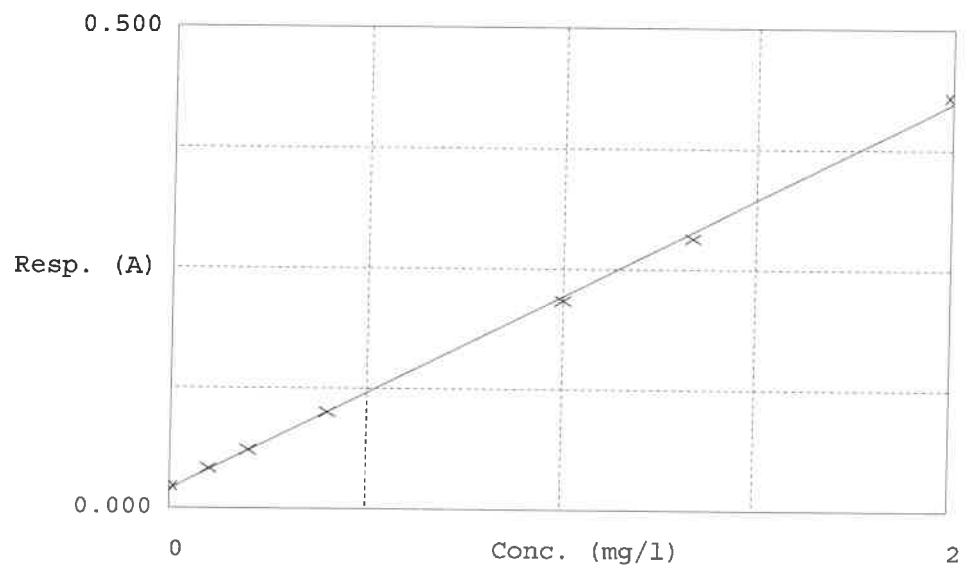
Test Ammonia-N

Accepted 10/22/2025 13:32

Factor 4.96
Bias 0.020

Coeff. of det. 0.999157

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.023	0.0134	0.0000	-
2	NH3-2PPM	0.041	0.1070	0.1000	7.0
3	NH3-2PPM	0.061	0.2031	0.2000	1.6
4	NH3-2PPM	0.100	0.3989	0.4000	-0.3
5	NH3-2PPM	0.217	0.9780	1.0000	-2.2
6	NH3-2PPM	0.282	1.3006	1.3333	0.0
7	NH3-2PPM	0.430	2.0324	2.0000	1.6

10/22/2025
RM

BOD5 LOG

ANALYST: rubin
Inst Id :DO METER
LB :LB137623

SUPERVISOR: jignesh

Analysis Date: 10/23/2025

QC BATCH ID: LB137623

BOD Water: WP115292

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP112832

Sodium Thiosulfate, 0.025N: W3248

POLYSEED: WP115294

NaOH, 1N: WP113878

GGA: WP115293

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3241

Zero DO: WP114920

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.6	9.6	9.6
WINKLER 2	WINKLER 2	2	300	9.8	19.4	9.6	9.6

Meter Calibration1: 9.09 Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg DO Meter BOD fluid reading for winkler comparison: 9.64

After Incubation

Meter Calibration2: 8.92 Zero DO Reading2: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

QC BATCH ID: LB137623

INCUBATOR TEMP IN(C): 19.6

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 15:00

TIME OUT: 12:00

DATE IN: 10/23/2025

DATE OUT: 10/28/2025

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
LB137623BL	1	No	6.59	N/A	20.70	300	9.63	9.61	0.02	0.02	0.02	
POLYSEED	1					10	9.60	6.55	3.05	0.61	0.65	
POLYSEED	2					15	9.54	4.35	5.19	0.69		
POLYSEED	3					20	9.50	2.87	6.63	0.66		
GGA	1					6	9.55	5.38	4.17	176	185.5	
GGA	2					6	9.55	5.11	4.44	189.5		
GGA	3					6	9.56	5.09	4.47	191		
Q3420-05	1	No	9.20	7.01	20.00	5	9.58	5.10	4.48	229.8	229.8	pH Adjusted
Q3420-05	2					20	9.54	0.29	-	0		
Q3420-05	3					50	9.52	0.20	-	0		
Q3420-05	4					150	9.50	0.19	-	0		
Q3420-05DUP	1	No	9.20	7.01	20.00	5	9.59	5.23	4.36	222.6	222.6	pH Adjusted
Q3420-05DUP	2					20	9.56	0.30	-	0		
Q3420-05DUP	3					50	9.52	0.20	-	0		
Q3420-05DUP	4					150	9.49	0.17	-	0		
Q3428-02	1	No	9.66	6.84	20.00	5	9.53	8.46	-	0	687	pH Adjusted
Q3428-02	2					10	9.51	6.57	2.94	687		
Q3428-02	3					20	9.45	0.59	-	0		
Q3428-02	4					30	9.39	0.25	-	0		
Q3448-01	1	No	6.17	6.99	20.00	5	9.48	8.77	-	0	25.08	pH Adjusted
Q3448-01	2					20	9.46	7.80	-	0		
Q3448-01	3					50	9.41	4.58	4.83	25.08		
Q3448-01	4					150	9.40	0.60	-	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.

LB1376

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by :

RM

Instrument ID : Konelab

10/24/2025 11:28

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	94.216	0.0	0.082	
ICB1	0.805	0.0	0.001	
CCV1	243.533	0.0	0.211	
CCB1	0.819	0.0	0.001	
RL CHECK	5.160	0.0	0.005	
PB170237BL	0.407	0.0	0.000	
PB170237BS	95.885	0.0	0.083	
MIDPB170237	245.313	0.0	0.212	
Q3420-04	190.007	0.0	0.165	
Q3448-03	3.474	0.0	0.003	
Q3448-03DUP	3.406	0.0	0.003	
Q3448-03MS	39.915	0.0	0.035	
Q3448-03MSD	40.044	0.0	0.035	
CCV2	240.693	0.0	0.208	
CCB2	0.872	0.0	0.001	

103% (50-150)

98% (90-110)

10/24/2025
RM

N	15
Mean	80.303
SD	99.3238
CV%	123.69

Aquakem v. 7.2AQ1

Results from time period:

Fri Oct 24 10:12:38 2025

Fri Oct 24 11:25:13 2025

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	0.421	µg/l	10/24/2025 10:32:07	
5.0PPBCN	A	Total CN	P	5.3168	µg/l	10/24/2025 10:32:08	
10PPBCN	A	Total CN	P	10.3413	µg/l	10/24/2025 10:32:09	
50PPBCN	A	Total CN	P	49.7338	µg/l	10/24/2025 10:32:10	
100PPBCN	A	Total CN	P	98.3173	µg/l	10/24/2025 10:32:11	
250PPBCN	A	Total CN	P	251.0332	µg/l	10/24/2025 10:32:12	
500PPBCN	A	Total CN	P	499.8365	µg/l	10/24/2025 10:32:13	
ICV1	S	Total CN	P	94.2158	µg/l	10/24/2025 11:04:02	
ICB1	S	Total CN	P	0.8047	µg/l	10/24/2025 11:04:04	
CCV1	S	Total CN	P	243.533	µg/l	10/24/2025 11:04:07	
CCB1	S	Total CN	P	0.8189	µg/l	10/24/2025 11:04:09	
RL CHECK	S	Total CN	P	5.1598	µg/l	10/24/2025 11:04:11	
PB170237BL	S	Total CN	P	0.4071	µg/l	10/24/2025 11:11:35	
PB170237BS	S	Total CN	P	95.8852	µg/l	10/24/2025 11:11:38	
MIDPB170237	S	Total CN	P	245.3134	µg/l	10/24/2025 11:11:40	
Q3420-04	S	Total CN	P	190.0065	µg/l	10/24/2025 11:11:41	
Q3448-03	S	Total CN	P	3.4742	µg/l	10/24/2025 11:11:43	
Q3448-03DUP	S	Total CN	P	3.4063	µg/l	10/24/2025 11:19:09	
Q3448-03MS	S	Total CN	P	39.9154	µg/l	10/24/2025 11:19:12	
Q3448-03MSD	S	Total CN	P	40.0438	µg/l	10/24/2025 11:19:13	
CCV2	S	Total CN	P	240.6926	µg/l	10/24/2025 11:19:17	
CCB2	S	Total CN	P	0.8724	µg/l	10/24/2025 11:19:19	

Calibration results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

10/24/2025 10:33

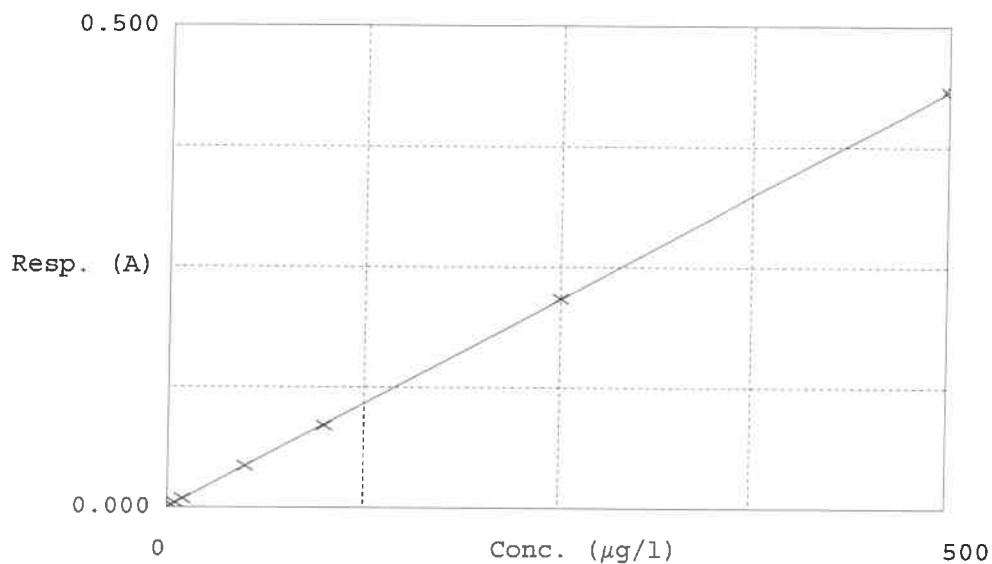
Test Total CN

Accepted 10/24/2025 10:32

Factor 1156
Bias 0

Coeff. of det. 0.999979

Errors



	Calibrator	Response	Calc. con.	Conc.	Re Errors
1	0.0PPBCN	0.000	0.4210	0.0000	-
2	5.0PPBCN	0.005	5.3168	5.0000	6.3
3	10PPBCN	0.009	10.3413	10.0000	3.4
4	50PPBCN	0.043	49.7338	50.0000	-0.5
5	100PPBCN	0.085	98.3173	100.0000	-1.7
6	250PPBCN	0.217	251.0332	250.0000	0.4
7	500PPBCN	0.433	499.8365	500.0000	0.0

10/24/2025
RM

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 10/23/2025

Run Number: LB137648

BalanceID: WC SC-5

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 104 °C 10/23/2025 15:00 **TEMP1 OUT:** 103 °C 10/23/2025 16:00
TEMP2 IN: 104 °C 10/23/2025 16:30 **TEMP2 OUT:** 103 °C 10/23/2025 17:30
TEMP3 IN: 104 °C 10/24/2025 12:30 **TEMP3 OUT:** 103 °C 10/24/2025 14:20
TEMP4 IN: 104 °C 10/24/2025 15:00 **TEMP4 OUT:** 103 °C 10/24/2025 16:30

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	LB137648BL	LB137648BL	1.5893	1.5893	100	1.5894	1.5894	1.5894	0.0001	1
2	LB137648BS	LB137648BS	1.6931	1.6932	100	1.7463	1.7463	1.7463	0.0531	531
3	Q3420-05	COMPOSITE	1.4910	1.4911	1000	1.5052	1.5052	1.5052	0.0141	14.1
4	Q3428-02	Comp	1.4962	1.4962	500	1.6724	1.6724	1.6724	0.1762	352.4
5	Q3432-01	OUTFALL-001	1.4849	1.4849	100	1.5343	1.5343	1.5343	0.0494	494
6	Q3442-01	SW-1	1.4795	1.4795	500	1.5041	1.5041	1.5041	0.0246	49.2
7	Q3443-01	SW-1	1.4727	1.4727	500	1.5093	1.5093	1.5093	0.0366	73.2
8	Q3448-01	DSN001	1.4921	1.4922	1000	1.5197	1.5197	1.5197	0.0275	27.5
9	Q3448-01DUP	DSN001DUP	1.4919	1.4920	1000	1.5191	1.5191	1.5191	0.0271	27.1
10	Q3462-01	SW-1	1.5002	1.5002	200	1.5789	1.5789	1.5789	0.0787	393.5

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 = $\frac{D}{A} \times 1000 \times 1000$

WB 137648

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TSS Q3442 WorkList ID : 192654 Department : Wet-Chemistry Date : 10-24-2025 08:10:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3420-05 A	COMPOSITE	Water	TSS	Cool 4 deg C	DALT01	J22	10/21/2025	SM2540 D
Q3428-02 B	Comp	Water	TSS	Cool 4 deg C	ARAM01	J13	10/22/2025	SM2540 D
Q3432-01 A	OUTFALL-001	Water	TSS	Cool 4 deg C	ATGG01	D51	10/20/2025	SM2540 D
Q3442-01 D	SW-1	Water	TSS	Cool 4 deg C	ATGG01	D41	10/18/2025	SM2540 D
Q3443-01 A	SW-1	Water	TSS	Cool 4 deg C	ATGG01	D41	10/23/2025	SM2540 D
Q3448-01 C, P	DSN001	Water	TSS	Cool 4 deg C	PSEG04	D41	10/23/2025	SM2540 D
Q3462-01 A	SW-1	Water	TSS	Cool 4 deg C	ATGG01	D31	10/18/2025	SM2540 D

Date/Time 10/24/25 09:30
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 10/24/25 17:00
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: Oil and Grease
Run Number: LB137655
Analysis Date: 10/27/2025
BalanceID: WC SC-5
OvenID: EXT OVEN-3

ANALYST: jignesh
REVIEWED BY: Iwona
Extraction Date: 10/27/2025
Extraction IN Time: 08:15
Extraction OUT Time: 08:50
Thermometer ID: EXT OVEN#3

Dish #	Lab ID	Client ID	Matrix	pH	Sample Vol (ml)	Final Volume (ml)	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Silica Gel Weight (g)	Weight After Drying (g)	Final Weight After Drying (g)	Change Weight (g)	Result in ppm
1	LB137655BL	LB137655BL	WATER	1.3	1000	100	2.8563	2.8563	0	2.8564	2.8564	0.0001	0.1
2	LB137655BS	LB137655BS	WATER	1.3	1000	100	3.1474	3.1474	0	3.1641	3.1641	0.0167	16.7
3	Q3420-01	Oil and Grease #1	WATER	1.3	1000	100	3.0918	3.0918	0	3.0950	3.0950	0.0032	3.2
4	Q3420-02	Oil and Grease #2	WATER	1.3	1000	100	3.0632	3.0632	0	3.0672	3.0672	0.0040	4
5	Q3420-03	Oil and Grease #3	WATER	1.3	1000	100	3.0686	3.0686	0	3.0698	3.0698	0.0012	1.2
6	Q3441-01	001 Willets Pt Blvd (C	WATER	1.3	1000	100	3.0363	3.0363	0	3.0385	3.0385	0.0022	2.2
7	Q3441-02	002 35th Ave (Oct)	WATER	1.3	1000	100	3.0489	3.0489	0	3.0506	3.0506	0.0017	1.7
8	Q3448-03	DSN001	WATER	1.3	1000	100	3.0649	3.0649	0	3.0672	3.0672	0.0023	2.3
9	Q3448-05	Q3448-03MS	WATER	1.3	1000	100	2.7449	2.7449	0	2.7673	2.7673	0.0224	22.4
10	Q3448-06	Q3448-03MSD	WATER	1.3	1000	100	2.8903	2.8903	0	2.9129	2.9129	0.0226	22.6
11	Q3455-01	MH-10242025	WATER	1.6	1000	100	3.0228	3.0228	0	3.2893	3.2893	0.2665	266.5
12	Q3455-02	Q3455 -1MS	WATER	1.6	1000	100	2.4563	2.4563	0	2.7430	2.7430	0.2867	286.7
13	Q3455-03	Q3455 -1MSD	WATER	1.6	1000	100	2.9633	2.9633	0	3.2501	3.2501	0.2868	286.8
14	Q3462-01	SW-1	WATER	1.6	1000	100	3.0504	3.0504	0	3.0557	3.0557	0.0053	5.3

QC Batch# LB137655

Test: Oil and Grease

Analysis Date: 10/27/2025

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W3240
pH Paper 0-14	M6069
Sodium Sulfate	EP2655
1:1 HCL	WP115016
Silica Gel	W3246
Sand	N/A

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSW	2.5 ML	WP115017
LCSWD	N/A	N/A
MS/MSD	2.5 ML	WP115018

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

Before Analysis

0.0020 gram Balance: 0.0018 (0.0018-0.0022) In OVEN TEMP1 : 70 °C Dessicator Time In1 : 10:46

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 10:00

Bal Check Time: 08:20 Out OVEN TEMP1: 70 °C Dessicator Time Out1: 11:25

Out Time1: 10:45

After Analysis

0.0020 gram Balance: 0.0019 (0.0018-0.0022) In OVEN TEMP2 : 71 °C Dessicator Time In2 : 12:31

1.0000 gram Balance: 1.0005 (0.9950-1.0050) In Time2: 12:00

Bal Check Time: 13:15 Out OVEN TEMP2: 71 °C Dessicator Time Out2: 13:10

Out Time2: 12:30

Analytical Summary Report

Analysis Method: 365.3
Parameter: Phosphorus-Total
Run Number: LB137729

ANALYST: Iwona
SUPERVISOR REVIEW BY: jignesh

Reagent/Standard	Lot/Log #
calibration std. phosphate 1 ppm	WP115403
calibration std. phosphate 0.5 ppm	WP115402
calibration std. phosphate 0.3 ppm	WP115401
calibration std. phosphate 0.1 ppm	WP115400
calibration std. phosphate 0.05 ppm	WP115399
calibration std. 0 ppm	WP115398
phosphate CCV std.	WP115405
5N sulfuric acid	WP115340
Combined reagent	WP115408
Phenolphthalein indicator	WP113378
Sodium hydroxide, 1N	WP113878
Phosphate ICV-LCS Std	WP115404

Intercept: -0.0027 Slope: 0.657 Regression: 0.999783

Seq	Lab ID	True Value (mg/L)	DF	Initial Volume (mL)	Final Volume (mL)	Absorbance Reading at 880nm	Result (mg/L)	%D	AnalDate	AnalTime
1	CAL1	0.00	1	50	50	0.000	0.004		10/31/2025	13:30
2	CAL2	0.05	1	50	50	0.033	0.054	8	10/31/2025	13:30
3	CAL3	0.10	1	50	50	0.065	0.103	3	10/31/2025	13:31
4	CAL4	0.30	1	50	50	0.184	0.284	-5.3	10/31/2025	13:31
5	CAL5	0.50	1	50	50	0.326	0.5	0	10/31/2025	13:32
6	CAL6	1.00	1	50	50	0.657	1.004	0.4	10/31/2025	13:32

Analytical Summary Report

Analysis Method: 365.3

ANALYST: Iwona

Parameter: Phosphorus-Total

SUPERVISOR REVIEW BY: jignesh

Run Number: LB137729

Seq	Lab ID	True Value (mg/l)	DF	Initial Volume (mL)	Final Volume (mL)	Absorbance Reading at 880nm	Result (mg/L)	AnalDate	AnalTime
1	ICV	0.50	1	50	50	0.337	0.517	10/31/2025	13:33
2	ICB		1	50	50	0.002	0.007	10/31/2025	13:33
3	CCV1	0.50	1	50	50	0.327	0.502	10/31/2025	13:34
4	CCB1		1	50	50	0.004	0.010	10/31/2025	13:34
5	RL Check	0.05	1	50	50	0.027	0.045	10/31/2025	13:35
6	PB170350BL		1	50	50	0.004	0.010	10/31/2025	13:35
7	PB170350BS	0.50	1	50	50	0.337	0.517	10/31/2025	13:36
8	Q3420-05		1	50	50	0.118	0.184	10/31/2025	13:36
9	Q3442-01		1	50	50	0.014	0.025	10/31/2025	13:37
10	Q3442-01DUP		1	50	50	0.013	0.024	10/31/2025	13:37
11	Q3442-01MS	0.50	1	50	50	0.324	0.497	10/31/2025	13:38
12	Q3442-01MSD	0.50	1	50	50	0.328	0.503	10/31/2025	13:38
13	Q3443-01		1	50	50	0.416	0.637	10/31/2025	13:39
14	Q3462-01		1	50	50	0.078	0.123	10/31/2025	13:39
15	CCV2	0.50	1	50	50	0.321	0.493	10/31/2025	13:40
16	CCB2		1	50	50	0.002	0.007	10/31/2025	13:40

SOP ID : MSM4500-NH3 B,G-Ammonia-18

SDG No : N/A

Start Digest Date: 10/22/2025 Time : 12:45 Temp : 150 °C

Matrix : WATER

End Digest Date: 10/22/2025 Time : 13:45 Temp : 160 °C

Pipette ID : WC

Balance ID : N/A

Hood ID : HOOD#2

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : WC-DIST-BLOCK-1

Filter paper ID : N/A

Prep Technician Signature: RM

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP115088
MS/MSD SPIKE SOL.	1.0ML	WP115087
PBW	50.0ML	W3112
RL CHECK	N/A	AS PER PB170196
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
BORATE BUFFER	2.5ML	WP113886
NAOH 6N	0.5-2.0ML	WP113887
H2SO4 0.04N	5.0ML	WP112828
pH strip-Ammonia	N/A	W3133
KI-starch paper	N/A	W3155
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT
WP114104,

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/2025 13:55	RM (W31)	RM (W31)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170208BL	PBW208	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB170208BS	LCS208	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3420-05DUP	COMPOSITEDUP	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3420-05MS	COMPOSITEMS	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3420-05MSD	COMPOSITEMSD	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3420-05	COMPOSITE	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : AMMONIA 10-22

WorkList ID : 192616

Department : Distillation

Date : 10-22-2025 10:35:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3420-05	COMPOSITE	Water	Ammonia	Conc H2SO4 to pH < 2	DALT01	J22	10/21/2025	SM4500-NH3

Date/Time 10/22/2025 12:00
 Raw Sample Received by: RH CWG
 Raw Sample Relinquished by: RH CWG

Date/Time 10/22/2025 13:10
 Raw Sample Received by: RH CWG
 Raw Sample Relinquished by: RH CWG

SOP ID : MSM4500-CN C,E-Cyanide-13

SDG No : N/A

Start Digest Date: 10/24/2025 Time : 08:10 Temp : 123 °C

Matrix : WATER

End Digest Date: 10/24/2025 Time : 09:40 Temp : 126 °C

Pipette ID : WC

Balance ID : N/A

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : MC-1, MC-2

Filter paper ID : N/A

Prep Technician Signature: 

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: 12

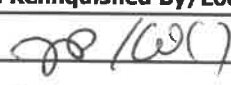
Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP113837
RL CHECK	50.0ML	WP115310
PBW	50.0ML	W3112
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP112826
51% w/v MgCL2	2.0ML	WP112827
pH Paper 0-14	N/A	W3241
Nitrate/Nitrite Strip	N/A	W3182
Lead Acetate strip	N/A	W3134
KI-starch paper	N/A	W3155
0.4N Sulfamic Acid	5.ML	WP112829
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	0.5ML	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	2.5ML	WP113837
HIGHSTD	HIGHSTD	N/A	N/A
LOWSTD	LOWSTD	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/24/2025 09:50		RH Cee
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170237BL	PBW237	50	50	>12	Negative	Negative	Negative	N/A	N/A
PB170237BS	LCS237	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3420-04	CYANIDE	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q3448-03	DSN001	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q3448-03DUP	DSN001DUP	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q3448-03MS	DSN001MS	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q3448-03MSD	DSN001MSD	50	50	>12	Negative	Negative	Positive	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : CN-WATER10-23

WorkList ID : 192651

Department : Distillation

Date : 10-23-2025 14:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3420-04	Cyanide	Water	Cyanide	1:1 NaOH to pH >12	DALT01	J22	10/21/2025	SM4500-CN C
Q3448-03	DSN001	Water	Cyanide	1:1 NaOH to pH >12	PSEG04	D41	10/23/2025	SM4500-CN C

Date/Time 10/24/2025 07.30
 Raw Sample Received by: SPM
 Raw Sample Relinquished by: SPM

Date/Time 10/24/2025 09.30
 Raw Sample Received by: SPM
 Raw Sample Relinquished by: SPM

SOP ID : M365.3 & SM4500-P E-19

SDG No : N/A

Start Digest Date: 10/31/2025 Time : 10:00 Temp : 94 °C

Matrix : WATER

End Digest Date: 10/31/2025 Time : 11:00 Temp : 96 °C

Pippete ID : WC

Balance ID : N/A

Hood ID : HOOD#3

Digestion tube ID : M5595

Block Thermometer ID : WC-BLOCK#1

Block ID : WC S-1, WC S-2

Filter paper ID : 400213

 Prep Technician Signature: *12*

Weigh By : N/A

pH Meter ID : N/A

 Supervisor Signature: *JP*

Standardized Name	MLS USED	STD REF. # FROM LOG
LCSW	0.5ML	WP112914
MS/MSD SPIKE SOL.	0.5ML	WP112913
PBW	50.ML	W3112
RL CHECK	50.0ML	WP115406
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
11N H2SO4	1ML	WP115089
AMMONIUM PERSULFATE	0.4g	W3035
pH Paper 0-14	N/A	W3241
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
CAL1	CAL1	50.0ML	WP115398
CAL2	CAL2	50.0ML	WP115399
CAL3	CAL3	50.0ML	WP115400
CAL4	CAL4	50.0ML	WP115401
CAL5	CAL5	50.0ML	WP115402
CAL6	CAL6	50.0ML	WP115403
ICV	ICV	50.0ML	WP115404
ICB	ICB	50.0ML	W3112
CCV	CCV	50.0ML	WP115405
CCB	CCB	50.0ML	W3112

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

12
10/31/25

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170350BL	PBW350	50	50	<2	N/A	N/A	N/A	N/A	N/A
PB170350BS	LCS350	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q3420-05	COMPOSITE	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q3442-01	SW-1	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q3442-01MS	SW-1MS	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q3442-01MSD	SW-1MSD	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q3442-01DUP	SW-1DUP	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q3443-01	SW-1	50	50	<2	N/A	N/A	N/A	N/A	N/A
Q3462-01	SW-1	50	50	<2	N/A	N/A	N/A	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : totalphos-1031 WorkList ID : 192817 Department : Distillation Date : 10-31-2025 08:31:01

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3420-05	COMPOSITE	Water	Phosphorus-Total	Conc H2SO4 to pH < 2	DALT01	J22	10/21/2025	365.3
Q3442-01	SW-1	Water	Phosphorus-Total	Conc H2SO4 to pH < 2	ATGG01	D41	10/18/2025	365.3
Q3443-01	SW-1	Water	Phosphorus-Total	Conc H2SO4 to pH < 2	ATGG01	D41	10/23/2025	365.3
Q3462-01	SW-1	Water	Phosphorus-Total	Conc H2SO4 to pH < 2	ATGG01	D31	10/18/2025	365.3

Date/Time 10/31/25 09:10
 Raw Sample Received by: 1265CJ
 Raw Sample Relinquished by: 286C09

Date/Time 10/31/25 10:25
 Raw Sample Received by: 286C09
 Raw Sample Relinquished by: 1265CJ

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137615

Review By	rubina	Review On	10/22/2025 4:33:45 PM
Supervise By	Iwona	Supervise On	10/22/2025 4:39:56 PM
SubDirectory	LB137615	Test	Hexavalent Chromium
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	WP115283,WP115282,WP115280,WP115279,WP115235,WP112831,WP115281,WP115286,WP115284,WP115285		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	10/22/25 13:00		rubina	OK
2	CAL2	CAL2	CAL	10/22/25 13:00		rubina	OK
3	CAL3	CAL3	CAL	10/22/25 13:01		rubina	OK
4	CAL4	CAL4	CAL	10/22/25 13:01		rubina	OK
5	CAL5	CAL5	CAL	10/22/25 13:02		rubina	OK
6	CAL6	CAL6	CAL	10/22/25 13:02		rubina	OK
7	CAL7	CAL7	CAL	10/22/25 13:03		rubina	OK
8	ICV	ICV	ICV	10/22/25 13:03		rubina	OK
9	ICB	ICB	ICB	10/22/25 13:04		rubina	OK
10	CCV1	CCV1	CCV	10/22/25 13:04		rubina	OK
11	CCB1	CCB1	CCB	10/22/25 13:05		rubina	OK
12	RL Check	RL Check	RL	10/22/25 13:05		rubina	OK
13	LB137615BL	LB137615BL	MB	10/22/25 13:06		rubina	OK
14	LB137615BS	LB137615BS	LCS	10/22/25 13:06		rubina	OK
15	Q3420-05	COMPOSITE	SAM	10/22/25 13:07		rubina	OK
16	Q3420-05DUP	COMPOSITEDUP	DUP	10/22/25 13:07		rubina	OK
17	Q3420-05MS	COMPOSITEMS	MS	10/22/25 13:08	2ML WP113880+98.0ML SAMPLE	rubina	OK
18	Q3420-05MSD	COMPOSITEMSD	MSD	10/22/25 13:08	2ML WP113880+98.0ML SAMPLE	rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137615

Review By	rubina	Review On	10/22/2025 4:33:45 PM
Supervise By	Iwona	Supervise On	10/22/2025 4:39:56 PM
SubDirectory	LB137615	Test	Hexavalent Chromium
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	WP115283,WP115282,WP115280,WP115279,WP115235,WP112831,WP115281,WP115286,WP115284,WP115285		

19	Q3422-02	PR132-FB2-20251021	SAM	10/22/25 13:09		rubina	OK
20	CCV2	CCV2	CCV	10/22/25 13:09		rubina	OK
21	CCB2	CCB2	CCB	10/22/25 13:10		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137617

Review By	rubina	Review On	10/23/2025 8:56:00 AM
Supervise By	Iwona	Supervise On	10/23/2025 1:34:46 PM
SubDirectory	LB137617	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP115287		
ICV Standard	WP115289		
CCV Standard	WP115288		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115088		
Chk Standard	WP115290,WP114133,WP113929,WP114132		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	10/22/25 12:57		rubina	OK
2	0.1PPM	0.1PPM	CAL2	10/22/25 12:57		rubina	OK
3	0.2PPM	0.2PPM	CAL3	10/22/25 12:57		rubina	OK
4	0.4PPM	0.4PPM	CAL4	10/22/25 12:58		rubina	OK
5	1.0PPM	1.0PPM	CAL5	10/22/25 12:58		rubina	OK
6	1.3PPM	1.3PPM	CAL6	10/22/25 12:58		rubina	OK
7	2.0PPM	2.0PPM	CAL7	10/22/25 12:58		rubina	OK
8	ICV1	ICV1	ICV	10/22/25 14:34		rubina	OK
9	ICB1	ICB1	ICB	10/22/25 14:34		rubina	OK
10	CCV1	CCV1	CCV	10/22/25 14:34		rubina	OK
11	CCB1	CCB1	CCB	10/22/25 14:34		rubina	OK
12	RL	RL	LOQ	10/22/25 14:34		rubina	OK
13	PB170196BL	PB170196BL	MB	10/22/25 14:45		rubina	OK
14	PB170196BS	PB170196BS	LCS	10/22/25 14:45		rubina	OK
15	Q3380-01	MRS/NRS	SAM	10/22/25 14:45		rubina	OK
16	Q3380-01DUP	MRS/NRSDUP	DUP	10/22/25 14:45		rubina	OK
17	Q3380-01MS	MRS/NRSMMS	MS	10/22/25 14:45		rubina	OK
18	Q3380-01MSD	MRS/NRSMMSD	MSD	10/22/25 14:45		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137617

Review By	rubina	Review On	10/23/2025 8:56:00 AM
Supervise By	Iwona	Supervise On	10/23/2025 1:34:46 PM
SubDirectory	LB137617	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP115287		
ICV Standard	WP115289		
CCV Standard	WP115288		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115088		
Chk Standard	WP115290,WP114133,WP113929,WP114132		

19	Q3380-02	Delumper Feed	SAM	10/22/25 14:55	NH3 is high, need dilution	rubina	Dilution
20	Q3380-03	MIX	SAM	10/22/25 14:55	NH3 is high, need dilution	rubina	Dilution
21	PB170208BL	PB170208BL	MB	10/22/25 14:55		rubina	OK
22	CCV2	CCV2	CCV	10/22/25 14:56		rubina	OK
23	CCB2	CCB2	CCB	10/22/25 14:56		rubina	OK
24	PB170208BS	PB170208BS	LCS	10/22/25 14:56		rubina	OK
25	Q3420-05	COMPOSITE	SAM	10/22/25 14:56		rubina	OK
26	Q3420-05DUP	COMPOSITEDUP	DUP	10/22/25 15:04		rubina	OK
27	Q3420-05MS	COMPOSITEMS	MS	10/22/25 15:33		rubina	OK
28	Q3420-05MSD	COMPOSITEMSD	MSD	10/22/25 15:33		rubina	OK
29	CCV3	CCV3	CCV	10/22/25 15:33		rubina	OK
30	CCB3	CCB3	CCB	10/22/25 15:33		rubina	OK
31	Q3380-02DL	Delumper FeedDL	SAM	10/22/25 15:33	20X for NH3, Still high	rubina	Dilution
32	Q3380-03DL	MIXDL	SAM	10/22/25 15:33	5X for NH3	rubina	Confirms
33	CCV4	CCV4	CCV	10/22/25 15:33		rubina	OK
34	CCB4	CCB4	CCB	10/22/25 15:33		rubina	OK
35	Q3380-02DL2	Delumper FeedDL2	SAM	10/22/25 16:06	40X For NH3	rubina	Confirms
36	CCV5	CCV5	CCV	10/22/25 16:06		rubina	OK
37	CCB5	CCB5	CCB	10/22/25 16:06		rubina	OK

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB137623

Review By	rubina	Review On	10/28/2025 3:53:54 PM
Supervise By	jignesh	Supervise On	10/28/2025 3:58:42 PM
SubDirectory	LB137623	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	WP115292,W3149,WP112832,W3103,W3109,W3248,WP115294,WP115293,WP113878		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137623BL	LB137623BL	MB	10/23/25 15:00		rubina	OK
2	LB137623BS	LB137623BS	LCS	10/23/25 15:00		rubina	OK
3	Q3420-05	COMPOSITE	SAM	10/23/25 15:00		rubina	OK
4	Q3420-05DUP	COMPOSITEDUP	DUP	10/23/25 15:00		rubina	OK
5	Q3428-02	Comp	SAM	10/23/25 15:00		rubina	OK
6	Q3448-01	DSN001	SAM	10/23/25 15:00		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137634

Review By	rubina	Review On	10/24/2025 4:38:38 PM
Supervise By	Iwona	Supervise On	10/27/2025 10:23:52 AM
SubDirectory	LB137634	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115305,WP115306,WP115307,WP115308,WP115309,WP115310,WP115311		
ICV Standard	W3012		
CCV Standard	WP115306		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115313		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	10/24/25 10:32		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	10/24/25 10:32		rubina	OK
3	10PPBCN	10PPBCN	CAL3	10/24/25 10:32		rubina	OK
4	50PPBCN	50PPBCN	CAL4	10/24/25 10:32		rubina	OK
5	100PPBCN	100PPBCN	CAL5	10/24/25 10:32		rubina	OK
6	250PPBCN	250PPBCN	CAL6	10/24/25 10:32		rubina	OK
7	500PPBCN	500PPBCN	CAL7	10/24/25 10:32		rubina	OK
8	ICV1	ICV1	ICV	10/24/25 11:04		rubina	OK
9	ICB1	ICB1	ICB	10/24/25 11:04		rubina	OK
10	CCV1	CCV1	CCV	10/24/25 11:04		rubina	OK
11	CCB1	CCB1	CCB	10/24/25 11:04		rubina	OK
12	RL	RL	LOQ	10/24/25 11:04		rubina	OK
13	PB170237BL	PB170237BL	MB	10/24/25 11:11		rubina	OK
14	PB170237BS	PB170237BS	LCS	10/24/25 11:11		rubina	OK
15	MIDPB170237	MIDPB170237	SAM	10/24/25 11:11		rubina	OK
16	Q3420-04	Cyanide	SAM	10/24/25 11:11		rubina	OK
17	Q3448-03	DSN001	SAM	10/24/25 11:11		rubina	OK
18	Q3448-03DUP	DSN001DUP	DUP	10/24/25 11:19		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137634

Review By	rubina	Review On	10/24/2025 4:38:38 PM
Supervise By	Iwona	Supervise On	10/27/2025 10:23:52 AM
SubDirectory	LB137634	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115305,WP115306,WP115307,WP115308,WP115309,WP115310,WP115311		
ICV Standard	W3012		
CCV Standard	WP115306		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115313		

19	Q3448-03MS	DSN001MS	MS	10/24/25 11:19		rubina	OK
20	Q3448-03MSD	DSN001MSD	MSD	10/24/25 11:19		rubina	OK
21	CCV2	CCV2	CCV	10/24/25 11:19		rubina	OK
22	CCB2	CCB2	CCB	10/24/25 11:19		rubina	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB137648

Review By	jignesh	Review On	10/27/2025 11:53:44 AM
Supervise By	Iwona	Supervise On	10/27/2025 12:08:52 PM
SubDirectory	LB137648	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	LB137648BL	LB137648BL	MB	10/24/25 12:30		jignesh	OK
2	LB137648BS	LB137648BS	LCS	10/24/25 12:30	55 mg w3186 + 100ml w3112	jignesh	OK
3	Q3420-05	COMPOSITE	SAM	10/24/25 12:30		jignesh	OK
4	Q3428-02	Comp	SAM	10/24/25 12:30		jignesh	OK
5	Q3432-01	OUTFALL-001	SAM	10/24/25 12:30		jignesh	OK
6	Q3442-01	SW-1	SAM	10/24/25 12:30		jignesh	OK
7	Q3443-01	SW-1	SAM	10/24/25 12:30		jignesh	OK
8	Q3448-01	DSN001	SAM	10/24/25 12:30		jignesh	OK
9	Q3448-01DUP	DSN001DUP	DUP	10/24/25 12:30		jignesh	OK
10	Q3462-01	SW-1	SAM	10/24/25 12:30		jignesh	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB137655

Review By	jignesh	Review On	10/27/2025 11:57:24 AM
Supervise By	Iwona	Supervise On	10/27/2025 12:08:12 PM
SubDirectory	LB137655	Test	Oil and Grease
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	W3240,M6069,EP2655,WP115016,W3246,N/A,WP115017,N/A,WP115018		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137655BL	LB137655BL	MB	10/27/25 10:00		jignesh	OK
2	LB137655BS	LB137655BS	LCS	10/27/25 10:00		jignesh	OK
3	Q3420-01	Oil and Grease #1	SAM	10/27/25 10:00		jignesh	OK
4	Q3420-02	Oil and Grease #2	SAM	10/27/25 10:00		jignesh	OK
5	Q3420-03	Oil and Grease #3	SAM	10/27/25 10:00		jignesh	OK
6	Q3441-01	001 Willets Pt Blvd (O	SAM	10/27/25 10:00		jignesh	OK
7	Q3441-02	002 35th Ave (Oct)	SAM	10/27/25 10:00		jignesh	OK
8	Q3448-03	DSN001	SAM	10/27/25 10:00		jignesh	OK
9	Q3448-05	Q3448-03MS	MS	10/27/25 10:00		jignesh	OK
10	Q3448-06	Q3448-03MSD	MSD	10/27/25 10:00		jignesh	OK
11	Q3455-01	MH-10242025	SAM	10/27/25 10:00		jignesh	OK
12	Q3455-02	Q3455 -01MS	MS	10/27/25 10:00		jignesh	OK
13	Q3455-03	Q3455 -01MSD	MSD	10/27/25 10:00		jignesh	OK
14	Q3462-01	SW-1	SAM	10/27/25 10:00		jignesh	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137729

Review By	Iwona	Review On	10/31/2025 3:56:24 PM
Supervise By	jignesh	Supervise On	10/31/2025 3:57:50 PM
SubDirectory	LB137729	Test	Phosphorus-Total
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	WP115403,WP115402,WP115401,WP115400,WP115399,WP115398,WP115405,WP115340,WP115408,WP113378,V		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	10/31/25 13:30		rubina	OK
2	CAL2	CAL2	CAL	10/31/25 13:30		rubina	OK
3	CAL3	CAL3	CAL	10/31/25 13:31		rubina	OK
4	CAL4	CAL4	CAL	10/31/25 13:31		rubina	OK
5	CAL5	CAL5	CAL	10/31/25 13:32		rubina	OK
6	CAL6	CAL6	CAL	10/31/25 13:32		rubina	OK
7	ICV	ICV	ICV	10/31/25 13:33		rubina	OK
8	ICB	ICB	ICB	10/31/25 13:33		rubina	OK
9	CCV1	CCV1	CCV	10/31/25 13:34		rubina	OK
10	CCB1	CCB1	CCB	10/31/25 13:34		rubina	OK
11	RL Check	RL Check	RL	10/31/25 13:35		rubina	OK
12	PB170350BL	PB170350BL	MB	10/31/25 13:35		rubina	OK
13	PB170350BS	PB170350BS	LCS	10/31/25 13:36		rubina	OK
14	Q3420-05	COMPOSITE	SAM	10/31/25 13:36		rubina	OK
15	Q3442-01	SW-1	SAM	10/31/25 13:37		rubina	OK
16	Q3442-01DUP	SW-1DUP	DUP	10/31/25 13:37		rubina	OK
17	Q3442-01MS	SW-1MS	MS	10/31/25 13:38		rubina	OK
18	Q3442-01MSD	SW-1MSD	MSD	10/31/25 13:38		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137729

Review By	Iwona	Review On	10/31/2025 3:56:24 PM
Supervise By	jignesh	Supervise On	10/31/2025 3:57:50 PM
SubDirectory	LB137729	Test	Phosphorus-Total
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	WP115403,WP115402,WP115401,WP115400,WP115399,WP115398,WP115405,WP115340,WP115408,WP113378,V		

19	Q3443-01	SW-1	SAM	10/31/25 13:39		rubina	OK
20	Q3462-01	SW-1	SAM	10/31/25 13:39		rubina	OK
21	CCV2	CCV2	CCV	10/31/25 13:40		rubina	OK
22	CCB2	CCB2	CCB	10/31/25 13:40		rubina	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: **Dal-Tile LLC - Dickson Plant**
ADDRESS: **187 Warren & Medley Drive**
CITY **Dickson** STATE: **TN** ZIP: **37055**
ATTENTION: **Michel Gil**
PHONE: **214-301-4003** FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **Wastewater Sampling**
PROJECT NO.: **EMS-2025-1026** LOCATION: **Nashville, TN**
PROJECT MANAGER: **James Eagles**
e-mail: **james.eagles@alliance-tg.com**
PHONE: **601-415-6913** FAX:

CLIENT BILLING INFORMATION

BILL TO: **ATG-Badown AEM** PO#:
ADDRESS: **400 Texas 146**
CITY **Baytown** STATE: **TX** ZIP: **77520**
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

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

1664A
747DA + 60DD
544903-1113

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		C	E	E	B	C						← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
1.	Oil & Grease #1	WW		X	10/21	12:14 PM	1	X										11.6.96
2.	Oil & Grease #2	WW		X	10/21	2:03 PM	1	X										11.6.75
3.	Oil & Grease #3	WW		X	10/21	2:59 PM	1	X										11.6.83
4.	Crude	WW		X	10/21	3:04 PM	1		X									11.8.92
5.	Composite #1	WW	X		10/21	3:10 PM	1			X								11.8.97
6.	Composite #2	WW	X		10/21	3:17 PM	1			X								
7.	Metal	WW	X		10/21	3:20 PM	1				X							
8.	Ammonia	WW	X		10/21	3:21 PM	1					X						
9.	Trig. Blank						1			X								
10.																		

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

RELINQUISHED BY SAMPLER: 1. James Eagles	DATE/TIME: 10/21/25	RECEIVED BY: 1. [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 5.1 C °C Comments:
RELINQUISHED BY SAMPLER: 2. [Signature]	DATE/TIME: 10:30 10/22/25	RECEIVED BY: 2. [Signature]	
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	

Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete
☐ YES ☐ NO

From: James Eagles
Sent: Wednesday, October 22, 2025 8:04 AM
To: Yazmeen Gomez
Cc: James Gunn; Mohammad Ahmed
Subject: Dal-Tile Dickson Facility October Samples

Good morning Yazmeen,

I took samples for the Dal-Tile Dickson yesterday, TN facility. During the site visit, their composite sampler once again did not pull enough wastewater to fill all of the composite sample bottles. I was able to fill the two bottles that did not have any preservatives in them as well as the 500ml bottles designated for Ammonia and Mercury testing.

When you receive the samples, you'll will find the following bottles in the cooler:

- 3 x 1 Liter amber bottles with a grab samples for their Oil & Grease tests
- 1 x 500 ml bottle with a grab sample for their monthly cyanide test
- 2 x 500 ml bottles with the composite samples and no preservative (labeled Composite #1 and Composite #2)
 - Please use these for as many tests that can be conducted that they were asking for.
- 1 x 500 ml bottle with the composite sample for the mercury tests
- 1 x 500 ml bottle with the composite sample for the ammonia test

The details listed above are reflected on the CoC.

The cooler was designated for "Next Day Air" and the UPS tracking number is: **J4644862582**

Please let me know if you have any questions or need to discuss anything regarding this sampling event.

Thanks,

ENVIRONMENTAL³⁶⁰ now Alliance
TECHNICAL GROUP

James Eagles
Compliance Specialist
Mobile: 601-415-6913
www.alliancetg.com

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312