

DATA PACKAGE

GENERAL CHEMISTRY
METALS

PROJECT NAME : WASTE WATER

DAL-TILE

187 Warren G. Medley Drive

Dickson, TN - 37055

Phone No: 214-309-4003

ORDER ID : Q3420

ATTENTION : MIchel Gil



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3420

Project ID : Waste Water

Client : Dal-Tile

Lab Sample Number

Q3420-01
Q3420-02
Q3420-03
Q3420-04
Q3420-05

Client Sample Number

Oil and Grease #1
Oil and Grease #2
Oil and Grease #3
Cyanide
COMPOSITE

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 11/3/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Dal-Tile

Project Name: Waste Water

Project # N/A

Order ID # Q3420

Test Name: Mercury,Metals ICP-Group1,Ammonia,BOD5,Cyanide,Hexavalent Chromium,Oil and Grease,Phosphorus-Total,TSS

A. Number of Samples and Date of Receipt:

5 Water samples were received on 10/22/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury,Metals ICP-Group1,Ammonia,BOD5,Cyanide,Hexavalent Chromium,Oil and Grease,Phosphorus-Total,TSS. This data package contains results for Mercury(7470A),Metals ICP-Group1(6010D),Ammonia(SM4500-NH3),BOD5(SM5210 B),Cyanide(SM4500-CN C,E),Hexavalent Chromium(7196A),Oil and Grease(1664A), Phosphorus-Total(365.3),TSS(SM2540 D).

C. Analytical Techniques:

Mercury,Metals ICP-Group1 : The analysis of Metals ICP-Group1 was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of Mercury was based on method 7470A.

Wetchem : The analysis of Oil and Grease was based on method 1664A, The analysis of Phosphorus-Total was based on method 365.3, The analysis of Hexavalent Chromium was based on method 7196A, The analysis of TSS was based on method SM2540 D, The analysis of Cyanide was based on method SM4500-CN C,E, The analysis of Ammonia was based on method SM4500-NH3 and The analysis of BOD5 was based on method SM5210 B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The MS recoveries met the requirements for all compounds except following Mercury,Metals ICP-Group1 : The Matrix Spike (COMPOSITEMS) analysis met criteria for all compounds except for Arsenic, Selenium and Zinc due to Chemical Interference during Digestion process.

The MSD recoveries met the requirements for all compounds except following Mercury,Metals ICP-Group1 : The Matrix Spike Duplicate (COMPOSITEMSD) analysis met criteria for all compounds except for Selenium and Zinc due to Chemical Interference during Digestion process.

284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Duplicate analysis met criteria for all samples.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

Ammonia, BOD5, Cyanide, Hexavalent Chromium, Oil and Grease, Phosphorus-Total, TSS :
As per method 1664A, MS/MSD is required to be performed with the sample analysis.
However, Lab did not receive sufficient volume to perform the MS/MSD for Q3420
therefore Lab reported MS-MSD from Q3448 and Q3455.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3420

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 11/03/2025

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
Q3420-05	COMPOSITE	Water			10/21/25			10/22/25
			Mercury	7470A		10/23/25	10/24/25	
			Metals ICP-Group1	6010D		10/23/25	10/29/25	

Hit Summary Sheet
SW-846

SDG No.:	Q3420	Order ID:	Q3420
Client:	Dal-Tile	Project ID:	Waste Water

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMPOSITE								
Q3420-05	COMPOSITE	Water	Arsenic	51.5		2.56	10.0	ug/L
Q3420-05	COMPOSITE	Water	Chromium	15.9		1.06	5.00	ug/L
Q3420-05	COMPOSITE	Water	Copper	7.37	J	2.30	10.0	ug/L
Q3420-05	COMPOSITE	Water	Lead	1.84	J	1.15	6.00	ug/L
Q3420-05	COMPOSITE	Water	Mercury	1.86		0.076	0.20	ug/L
Q3420-05	COMPOSITE	Water	Nickel	15.0	J	1.53	20.0	ug/L
Q3420-05	COMPOSITE	Water	Selenium	492		4.82	10.0	ug/L
Q3420-05	COMPOSITE	Water	Zinc	266		8.33	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Dal-Tile	Date Collected:	10/21/25
Project:	Waste Water	Date Received:	10/22/25
Client Sample ID:	COMPOSITE	SDG No.:	Q3420
Lab Sample ID:	Q3420-05	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	51.5	N	1	2.56	10.0	ug/L	10/23/25 10:35	10/29/25 18:12	6010D	
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	10/23/25 10:35	10/29/25 18:12	6010D	
7440-47-3	Chromium	15.9		1	1.06	5.00	ug/L	10/23/25 10:35	10/29/25 18:12	6010D	
7440-50-8	Copper	7.37	J	1	2.30	10.0	ug/L	10/23/25 10:35	10/29/25 18:12	6010D	
7439-92-1	Lead	1.84	J	1	1.15	6.00	ug/L	10/23/25 10:35	10/29/25 18:12	6010D	
7439-97-6	Mercury	1.86		1	0.076	0.20	ug/L	10/23/25 09:32	10/24/25 10:57	7470A	
7440-02-0	Nickel	15.0	J	1	1.53	20.0	ug/L	10/23/25 10:35	10/29/25 18:12	6010D	
7782-49-2	Selenium	492	N	1	4.82	10.0	ug/L	10/23/25 10:35	10/29/25 18:12	6010D	
7440-66-6	Zinc	266	N	1	8.33	20.0	ug/L	10/23/25 10:35	10/29/25 18:12	6010D	

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

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



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Dal-Tile
Contract: DALT01
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

SDG No.: Q3420
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV86	Mercury	4.16	4.0	104	90 - 110	CV	10/24/2025	09:20	LB137632

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Dal-Tile

SDG No.: Q3420

Contract: DALT01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV83	Mercury	4.66	5.0	93	90 - 110	CV	10/24/2025	09:25	LB137632
CCV84	Mercury	5.06	5.0	101	90 - 110	CV	10/24/2025	10:09	LB137632
CCV85	Mercury	5.05	5.0	101	90 - 110	CV	10/24/2025	10:40	LB137632
CCV86	Mercury	5.01	5.0	100	90 - 110	CV	10/24/2025	11:12	LB137632
CCV87	Mercury	4.70	5.0	94	90 - 110	CV	10/24/2025	11:33	LB137632

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Dal-Tile
Contract: DALT01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3420
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3950	4000	99	90 - 110	P	10/24/2025	14:33	LB137662
	Cadmium	1950	2000	98	90 - 110	P	10/24/2025	14:33	LB137662
	Chromium	812	800	101	90 - 110	P	10/24/2025	14:33	LB137662
	Copper	1010	1000	101	90 - 110	P	10/24/2025	14:33	LB137662
	Lead	3830	4000	96	90 - 110	P	10/24/2025	14:33	LB137662
	Nickel	1970	2000	98	90 - 110	P	10/24/2025	14:33	LB137662
	Selenium	3970	4000	99	90 - 110	P	10/24/2025	14:33	LB137662
	Zinc	1980	2000	99	90 - 110	P	10/24/2025	14:33	LB137662

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Dal-Tile
Contract: DALT01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3420
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	23.0	20.0	115	80 - 120	P	10/24/2025	14:38	LB137662
	Cadmium	6.05	6.0	101	80 - 120	P	10/24/2025	14:38	LB137662
	Chromium	10.4	10.0	104	80 - 120	P	10/24/2025	14:38	LB137662
	Copper	22.9	20.0	114	80 - 120	P	10/24/2025	14:38	LB137662
	Lead	12.9	12.0	107	80 - 120	P	10/24/2025	14:38	LB137662
	Nickel	40.7	40.0	102	80 - 120	P	10/24/2025	14:38	LB137662
	Selenium	20.8	20.0	104	80 - 120	P	10/24/2025	14:38	LB137662
	Zinc	43.9	40.0	110	80 - 120	P	10/24/2025	14:38	LB137662

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Dal-Tile
Contract: DALT01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3420
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5130	5000	102	90 - 110	P	10/24/2025	15:12	LB137662
	Cadmium	2550	2500	102	90 - 110	P	10/24/2025	15:12	LB137662
	Chromium	1030	1000	103	90 - 110	P	10/24/2025	15:12	LB137662
	Copper	1280	1250	102	90 - 110	P	10/24/2025	15:12	LB137662
	Lead	5060	5000	101	90 - 110	P	10/24/2025	15:12	LB137662
	Nickel	2540	2500	102	90 - 110	P	10/24/2025	15:12	LB137662
	Selenium	5140	5000	103	90 - 110	P	10/24/2025	15:12	LB137662
	Zinc	2580	2500	103	90 - 110	P	10/24/2025	15:12	LB137662
CCV02	Arsenic	5130	5000	103	90 - 110	P	10/24/2025	16:32	LB137662
	Cadmium	2580	2500	103	90 - 110	P	10/24/2025	16:32	LB137662
	Chromium	1050	1000	105	90 - 110	P	10/24/2025	16:32	LB137662
	Copper	1290	1250	103	90 - 110	P	10/24/2025	16:32	LB137662
	Lead	5110	5000	102	90 - 110	P	10/24/2025	16:32	LB137662
	Nickel	2570	2500	103	90 - 110	P	10/24/2025	16:32	LB137662
	Selenium	5120	5000	102	90 - 110	P	10/24/2025	16:32	LB137662
	Zinc	2610	2500	104	90 - 110	P	10/24/2025	16:32	LB137662
CCV03	Arsenic	4980	5000	100	90 - 110	P	10/24/2025	18:29	LB137662
	Cadmium	2530	2500	101	90 - 110	P	10/24/2025	18:29	LB137662
	Chromium	1040	1000	104	90 - 110	P	10/24/2025	18:29	LB137662
	Copper	1250	1250	100	90 - 110	P	10/24/2025	18:29	LB137662
	Lead	5010	5000	100	90 - 110	P	10/24/2025	18:29	LB137662
	Nickel	2510	2500	100	90 - 110	P	10/24/2025	18:29	LB137662
	Selenium	4940	5000	99	90 - 110	P	10/24/2025	18:29	LB137662
	Zinc	2490	2500	100	90 - 110	P	10/24/2025	18:29	LB137662
CCV04	Arsenic	4830	5000	97	90 - 110	P	10/24/2025	19:19	LB137662
	Cadmium	2490	2500	100	90 - 110	P	10/24/2025	19:19	LB137662
	Chromium	1010	1000	101	90 - 110	P	10/24/2025	19:19	LB137662
	Copper	1240	1250	99	90 - 110	P	10/24/2025	19:19	LB137662
	Lead	4940	5000	99	90 - 110	P	10/24/2025	19:19	LB137662
	Nickel	2480	2500	99	90 - 110	P	10/24/2025	19:19	LB137662
	Selenium	4770	5000	95	90 - 110	P	10/24/2025	19:19	LB137662
	Zinc	2430	2500	97	90 - 110	P	10/24/2025	19:19	LB137662
CCV05	Arsenic	4800	5000	96	90 - 110	P	10/24/2025	20:06	LB137662
	Cadmium	2480	2500	99	90 - 110	P	10/24/2025	20:06	LB137662

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Dal-Tile

Contract: DALT01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3420

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Chromium	1010	1000	101	90 - 110	P	10/24/2025	20:06	LB137662
	Copper	1230	1250	98	90 - 110	P	10/24/2025	20:06	LB137662
	Lead	4890	5000	98	90 - 110	P	10/24/2025	20:06	LB137662
	Nickel	2460	2500	98	90 - 110	P	10/24/2025	20:06	LB137662
	Selenium	4730	5000	94	90 - 110	P	10/24/2025	20:06	LB137662
	Zinc	2420	2500	97	90 - 110	P	10/24/2025	20:06	LB137662

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Dal-Tile
Contract: DALT01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3420
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3760	4000	94	90 - 110	P	10/29/2025	14:01	LB137697
	Cadmium	1860	2000	93	90 - 110	P	10/29/2025	14:01	LB137697
	Chromium	770	800	96	90 - 110	P	10/29/2025	14:01	LB137697
	Copper	961	1000	96	90 - 110	P	10/29/2025	14:01	LB137697
	Lead	3650	4000	91	90 - 110	P	10/29/2025	14:01	LB137697
	Nickel	1880	2000	94	90 - 110	P	10/29/2025	14:01	LB137697
	Selenium	3780	4000	94	90 - 110	P	10/29/2025	14:01	LB137697
	Zinc	1900	2000	95	90 - 110	P	10/29/2025	14:01	LB137697

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Dal-Tile
Contract: DALT01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3420
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	21.1	20.0	105	80 - 120	P	10/29/2025	14:07	LB137697
	Cadmium	5.83	6.0	97	80 - 120	P	10/29/2025	14:07	LB137697
	Chromium	10.3	10.0	102	80 - 120	P	10/29/2025	14:07	LB137697
	Copper	22.0	20.0	110	80 - 120	P	10/29/2025	14:07	LB137697
	Lead	11.7	12.0	98	80 - 120	P	10/29/2025	14:07	LB137697
	Nickel	40.4	40.0	101	80 - 120	P	10/29/2025	14:07	LB137697
	Selenium	23.1	20.0	115	80 - 120	P	10/29/2025	14:07	LB137697
	Zinc	43.3	40.0	108	80 - 120	P	10/29/2025	14:07	LB137697

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Dal-Tile

SDG No.: Q3420

Contract: DALT01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	4960	5000	99	90 - 110	P	10/29/2025	14:37	LB137697
	Cadmium	2460	2500	99	90 - 110	P	10/29/2025	14:37	LB137697
	Chromium	1010	1000	100	90 - 110	P	10/29/2025	14:37	LB137697
	Copper	1240	1250	99	90 - 110	P	10/29/2025	14:37	LB137697
	Lead	4900	5000	98	90 - 110	P	10/29/2025	14:37	LB137697
	Nickel	2460	2500	98	90 - 110	P	10/29/2025	14:37	LB137697
	Selenium	4930	5000	99	90 - 110	P	10/29/2025	14:37	LB137697
	Zinc	2490	2500	100	90 - 110	P	10/29/2025	14:37	LB137697
CCV02	Arsenic	4840	5000	97	90 - 110	P	10/29/2025	15:43	LB137697
	Cadmium	2420	2500	97	90 - 110	P	10/29/2025	15:43	LB137697
	Chromium	988	1000	99	90 - 110	P	10/29/2025	15:43	LB137697
	Copper	1220	1250	98	90 - 110	P	10/29/2025	15:43	LB137697
	Lead	4820	5000	96	90 - 110	P	10/29/2025	15:43	LB137697
	Nickel	2430	2500	97	90 - 110	P	10/29/2025	15:43	LB137697
	Selenium	4790	5000	96	90 - 110	P	10/29/2025	15:43	LB137697
	Zinc	2440	2500	98	90 - 110	P	10/29/2025	15:43	LB137697
CCV03	Arsenic	5080	5000	102	90 - 110	P	10/29/2025	16:37	LB137697
	Cadmium	2510	2500	100	90 - 110	P	10/29/2025	16:37	LB137697
	Chromium	1030	1000	103	90 - 110	P	10/29/2025	16:37	LB137697
	Copper	1270	1250	102	90 - 110	P	10/29/2025	16:37	LB137697
	Lead	5020	5000	100	90 - 110	P	10/29/2025	16:37	LB137697
	Nickel	2510	2500	101	90 - 110	P	10/29/2025	16:37	LB137697
	Selenium	5070	5000	101	90 - 110	P	10/29/2025	16:37	LB137697
	Zinc	2560	2500	102	90 - 110	P	10/29/2025	16:37	LB137697
CCV04	Arsenic	4980	5000	100	90 - 110	P	10/29/2025	17:27	LB137697
	Cadmium	2500	2500	100	90 - 110	P	10/29/2025	17:27	LB137697
	Chromium	1020	1000	102	90 - 110	P	10/29/2025	17:27	LB137697
	Copper	1250	1250	100	90 - 110	P	10/29/2025	17:27	LB137697
	Lead	4950	5000	99	90 - 110	P	10/29/2025	17:27	LB137697
	Nickel	2490	2500	100	90 - 110	P	10/29/2025	17:27	LB137697
	Selenium	4940	5000	99	90 - 110	P	10/29/2025	17:27	LB137697
	Zinc	2490	2500	100	90 - 110	P	10/29/2025	17:27	LB137697
CCV05	Arsenic	4850	5000	97	90 - 110	P	10/29/2025	18:03	LB137697
	Cadmium	2440	2500	98	90 - 110	P	10/29/2025	18:03	LB137697

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Dal-Tile
Contract: DALT01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3420
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Chromium	998	1000	100	90 - 110	P	10/29/2025	18:03	LB137697
	Copper	1220	1250	98	90 - 110	P	10/29/2025	18:03	LB137697
	Lead	4840	5000	97	90 - 110	P	10/29/2025	18:03	LB137697
	Nickel	2430	2500	97	90 - 110	P	10/29/2025	18:03	LB137697
	Selenium	4830	5000	96	90 - 110	P	10/29/2025	18:03	LB137697
	Zinc	2450	2500	98	90 - 110	P	10/29/2025	18:03	LB137697
CCV06	Arsenic	4790	5000	96	90 - 110	P	10/29/2025	18:55	LB137697
	Cadmium	2470	2500	99	90 - 110	P	10/29/2025	18:55	LB137697
	Chromium	1010	1000	101	90 - 110	P	10/29/2025	18:55	LB137697
	Copper	1190	1250	95	90 - 110	P	10/29/2025	18:55	LB137697
	Lead	4920	5000	98	90 - 110	P	10/29/2025	18:55	LB137697
	Nickel	2470	2500	99	90 - 110	P	10/29/2025	18:55	LB137697
	Selenium	4770	5000	95	90 - 110	P	10/29/2025	18:55	LB137697
	Zinc	2250	2500	90	90 - 110	P	10/29/2025	18:55	LB137697



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

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Dal-Tile

SDG No.: Q3420

Contract: DALT01

Lab Code: ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.17	0.2	83	70 - 130	CV	10/24/2025	09:32	LB137632
CRI01	Arsenic	22.7	20.0	114	65 - 135	P	10/24/2025	14:48	LB137662
	Cadmium	5.93	6.0	99	65 - 135	P	10/24/2025	14:48	LB137662
	Chromium	10.6	10.0	106	65 - 135	P	10/24/2025	14:48	LB137662
	Copper	23.2	20.0	116	65 - 135	P	10/24/2025	14:48	LB137662
	Lead	12.1	12.0	101	65 - 135	P	10/24/2025	14:48	LB137662
	Nickel	40.8	40.0	102	65 - 135	P	10/24/2025	14:48	LB137662
	Selenium	21.3	20.0	107	65 - 135	P	10/24/2025	14:48	LB137662
	Zinc	44.5	40.0	111	65 - 135	P	10/24/2025	14:48	LB137662
CRI01	Arsenic	19.9	20.0	99	65 - 135	P	10/29/2025	14:16	LB137697
	Cadmium	5.84	6.0	97	65 - 135	P	10/29/2025	14:16	LB137697
	Chromium	10.3	10.0	103	65 - 135	P	10/29/2025	14:16	LB137697
	Copper	21.6	20.0	108	65 - 135	P	10/29/2025	14:16	LB137697
	Lead	11.6	12.0	97	65 - 135	P	10/29/2025	14:16	LB137697
	Nickel	40.3	40.0	101	65 - 135	P	10/29/2025	14:16	LB137697
	Selenium	23.0	20.0	115	65 - 135	P	10/29/2025	14:16	LB137697
	Zinc	42.4	40.0	106	65 - 135	P	10/29/2025	14:16	LB137697



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	<u>Dal-Tile</u>	SDG No.:	<u>Q3420</u>
Contract:	<u>DALT01</u>	Lab Code:	<u>ACE</u>

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB86	Mercury	0.076	+/-0.2	U	0.20	CV	10/24/2025	09:23	LB137632

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Dal-Tile **SDG No.:** Q3420
Contract: DALT01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB83	Mercury	0.076	+/-0.2	U	0.20	CV	10/24/2025	09:30	LB137632
CCB84	Mercury	0.076	+/-0.2	U	0.20	CV	10/24/2025	10:11	LB137632
CCB85	Mercury	0.076	+/-0.2	U	0.20	CV	10/24/2025	10:43	LB137632
CCB86	Mercury	0.076	+/-0.2	U	0.20	CV	10/24/2025	11:14	LB137632
CCB87	Mercury	0.076	+/-0.2	U	0.20	CV	10/24/2025	11:38	LB137632

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Dal-Tile **SDG No.:** Q3420
Contract: DALT01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	20.0	P	10/24/2025	14:43	LB137662
	Cadmium	0.50	+/-3	U	6.00	P	10/24/2025	14:43	LB137662
	Chromium	2.12	+/-5	U	10.0	P	10/24/2025	14:43	LB137662
	Copper	4.60	+/-10	U	20.0	P	10/24/2025	14:43	LB137662
	Lead	2.30	+/-6	U	12.0	P	10/24/2025	14:43	LB137662
	Nickel	3.06	+/-20	U	40.0	P	10/24/2025	14:43	LB137662
	Selenium	9.64	+/-10	U	20.0	P	10/24/2025	14:43	LB137662
	Zinc	16.7	+/-20	U	40.0	P	10/24/2025	14:43	LB137662

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Dal-Tile

SDG No.: Q3420

Contract: DALT01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	20.0	P	10/24/2025	15:16	LB137662
	Cadmium	0.50	+/-3	U	6.00	P	10/24/2025	15:16	LB137662
	Chromium	2.12	+/-5	U	10.0	P	10/24/2025	15:16	LB137662
	Copper	4.60	+/-10	U	20.0	P	10/24/2025	15:16	LB137662
	Lead	2.30	+/-6	U	12.0	P	10/24/2025	15:16	LB137662
	Nickel	3.06	+/-20	U	40.0	P	10/24/2025	15:16	LB137662
	Selenium	9.64	+/-10	U	20.0	P	10/24/2025	15:16	LB137662
	Zinc	16.7	+/-20	U	40.0	P	10/24/2025	15:16	LB137662
CCB02	Arsenic	5.12	+/-10	U	20.0	P	10/24/2025	16:47	LB137662
	Cadmium	0.50	+/-3	U	6.00	P	10/24/2025	16:47	LB137662
	Chromium	2.12	+/-5	U	10.0	P	10/24/2025	16:47	LB137662
	Copper	4.60	+/-10	U	20.0	P	10/24/2025	16:47	LB137662
	Lead	2.30	+/-6	U	12.0	P	10/24/2025	16:47	LB137662
	Nickel	3.06	+/-20	U	40.0	P	10/24/2025	16:47	LB137662
	Selenium	9.64	+/-10	U	20.0	P	10/24/2025	16:47	LB137662
	Zinc	16.7	+/-20	U	40.0	P	10/24/2025	16:47	LB137662
CCB03	Arsenic	5.12	+/-10	U	20.0	P	10/24/2025	18:33	LB137662
	Cadmium	0.50	+/-3	U	6.00	P	10/24/2025	18:33	LB137662
	Chromium	2.12	+/-5	U	10.0	P	10/24/2025	18:33	LB137662
	Copper	4.60	+/-10	U	20.0	P	10/24/2025	18:33	LB137662
	Lead	2.30	+/-6	U	12.0	P	10/24/2025	18:33	LB137662
	Nickel	3.06	+/-20	U	40.0	P	10/24/2025	18:33	LB137662
	Selenium	9.64	+/-10	U	20.0	P	10/24/2025	18:33	LB137662
	Zinc	16.7	+/-20	U	40.0	P	10/24/2025	18:33	LB137662
CCB04	Arsenic	5.12	+/-10	U	20.0	P	10/24/2025	19:23	LB137662
	Cadmium	0.50	+/-3	U	6.00	P	10/24/2025	19:23	LB137662
	Chromium	2.12	+/-5	U	10.0	P	10/24/2025	19:23	LB137662
	Copper	4.60	+/-10	U	20.0	P	10/24/2025	19:23	LB137662
	Lead	2.30	+/-6	U	12.0	P	10/24/2025	19:23	LB137662
	Nickel	3.06	+/-20	U	40.0	P	10/24/2025	19:23	LB137662
	Selenium	9.64	+/-10	U	20.0	P	10/24/2025	19:23	LB137662
	Zinc	16.7	+/-20	U	40.0	P	10/24/2025	19:23	LB137662
CCB05	Arsenic	5.12	+/-10	U	20.0	P	10/24/2025	20:10	LB137662
	Cadmium	0.50	+/-3	U	6.00	P	10/24/2025	20:10	LB137662
	Chromium	2.12	+/-5	U	10.0	P	10/24/2025	20:10	LB137662
	Copper	4.82	+/-10	J	20.0	P	10/24/2025	20:10	LB137662
	Lead	2.30	+/-6	U	12.0	P	10/24/2025	20:10	LB137662
	Nickel	3.06	+/-20	U	40.0	P	10/24/2025	20:10	LB137662
	Selenium	9.64	+/-10	U	20.0	P	10/24/2025	20:10	LB137662

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Dal-Tile **SDG No.:** Q3420
Contract: DALT01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB05	Zinc	16.7	+/-20	U	40.0	P	10/24/2025	20:10	LB137662

A

B

C

D

E

F

G

H

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Dal-Tile **SDG No.:** Q3420
Contract: DALT01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	20.0	P	10/29/2025	14:12	LB137697
	Cadmium	0.50	+/-3	U	6.00	P	10/29/2025	14:12	LB137697
	Chromium	2.12	+/-5	U	10.0	P	10/29/2025	14:12	LB137697
	Copper	4.60	+/-10	U	20.0	P	10/29/2025	14:12	LB137697
	Lead	2.30	+/-6	U	12.0	P	10/29/2025	14:12	LB137697
	Nickel	3.06	+/-20	U	40.0	P	10/29/2025	14:12	LB137697
	Selenium	9.64	+/-10	U	20.0	P	10/29/2025	14:12	LB137697
	Zinc	16.7	+/-20	U	40.0	P	10/29/2025	14:12	LB137697

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Dal-Tile

SDG No.: Q3420

Contract: DALT01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	20.0	P	10/29/2025	14:41	LB137697
	Cadmium	0.50	+/-3	U	6.00	P	10/29/2025	14:41	LB137697
	Chromium	2.12	+/-5	U	10.0	P	10/29/2025	14:41	LB137697
	Copper	4.60	+/-10	U	20.0	P	10/29/2025	14:41	LB137697
	Lead	2.30	+/-6	U	12.0	P	10/29/2025	14:41	LB137697
	Nickel	3.06	+/-20	U	40.0	P	10/29/2025	14:41	LB137697
	Selenium	9.64	+/-10	U	20.0	P	10/29/2025	14:41	LB137697
	Zinc	16.7	+/-20	U	40.0	P	10/29/2025	14:41	LB137697
CCB02	Arsenic	5.12	+/-10	U	20.0	P	10/29/2025	15:48	LB137697
	Cadmium	0.50	+/-3	U	6.00	P	10/29/2025	15:48	LB137697
	Chromium	2.12	+/-5	U	10.0	P	10/29/2025	15:48	LB137697
	Copper	4.60	+/-10	U	20.0	P	10/29/2025	15:48	LB137697
	Lead	2.30	+/-6	U	12.0	P	10/29/2025	15:48	LB137697
	Nickel	3.06	+/-20	U	40.0	P	10/29/2025	15:48	LB137697
	Selenium	9.64	+/-10	U	20.0	P	10/29/2025	15:48	LB137697
	Zinc	16.7	+/-20	U	40.0	P	10/29/2025	15:48	LB137697
CCB03	Arsenic	5.12	+/-10	U	20.0	P	10/29/2025	16:41	LB137697
	Cadmium	0.50	+/-3	U	6.00	P	10/29/2025	16:41	LB137697
	Chromium	2.12	+/-5	U	10.0	P	10/29/2025	16:41	LB137697
	Copper	4.60	+/-10	U	20.0	P	10/29/2025	16:41	LB137697
	Lead	2.30	+/-6	U	12.0	P	10/29/2025	16:41	LB137697
	Nickel	3.06	+/-20	U	40.0	P	10/29/2025	16:41	LB137697
	Selenium	9.64	+/-10	U	20.0	P	10/29/2025	16:41	LB137697
	Zinc	16.7	+/-20	U	40.0	P	10/29/2025	16:41	LB137697
CCB04	Arsenic	5.12	+/-10	U	20.0	P	10/29/2025	17:31	LB137697
	Cadmium	0.50	+/-3	U	6.00	P	10/29/2025	17:31	LB137697
	Chromium	2.12	+/-5	U	10.0	P	10/29/2025	17:31	LB137697
	Copper	4.60	+/-10	U	20.0	P	10/29/2025	17:31	LB137697
	Lead	2.30	+/-6	U	12.0	P	10/29/2025	17:31	LB137697
	Nickel	3.06	+/-20	U	40.0	P	10/29/2025	17:31	LB137697
	Selenium	9.64	+/-10	U	20.0	P	10/29/2025	17:31	LB137697
	Zinc	16.7	+/-20	U	40.0	P	10/29/2025	17:31	LB137697
CCB05	Arsenic	5.12	+/-10	U	20.0	P	10/29/2025	18:07	LB137697
	Cadmium	0.50	+/-3	U	6.00	P	10/29/2025	18:07	LB137697
	Chromium	2.12	+/-5	U	10.0	P	10/29/2025	18:07	LB137697
	Copper	4.60	+/-10	U	20.0	P	10/29/2025	18:07	LB137697
	Lead	2.30	+/-6	U	12.0	P	10/29/2025	18:07	LB137697
	Nickel	3.06	+/-20	U	40.0	P	10/29/2025	18:07	LB137697
	Selenium	9.64	+/-10	U	20.0	P	10/29/2025	18:07	LB137697

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Dal-Tile **SDG No.:** Q3420
Contract: DALT01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB05	Zinc	16.7	+/-20	U	40.0	P	10/29/2025	18:07	LB137697
CCB06	Arsenic	5.12	+/-10	U	20.0	P	10/29/2025	19:04	LB137697
	Cadmium	0.50	+/-3	U	6.00	P	10/29/2025	19:04	LB137697
	Chromium	2.12	+/-5	U	10.0	P	10/29/2025	19:04	LB137697
	Copper	4.60	+/-10	U	20.0	P	10/29/2025	19:04	LB137697
	Lead	2.30	+/-6	U	12.0	P	10/29/2025	19:04	LB137697
	Nickel	3.06	+/-20	U	40.0	P	10/29/2025	19:04	LB137697
	Selenium	9.64	+/-10	U	20.0	P	10/29/2025	19:04	LB137697
	Zinc	16.7	+/-20	U	40.0	P	10/29/2025	19:04	LB137697

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Dal-Tile

SDG No.: Q3420

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170232BL		WATER		Batch Number:	PB170232		Prep Date:	10/23/2025	
	Mercury	0.076	<0.2	U	0.20	CV	10/24/2025	10:50	LB137632

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Dal-Tile

SDG No.: Q3420

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170225BL	WATER			Batch Number:	PB170225		Prep Date:	10/23/2025	
	Arsenic	2.56	<5	U	10.0	P	10/24/2025	15:20	LB137662
	Cadmium	0.25	<1.5	U	3.00	P	10/24/2025	15:20	LB137662
	Chromium	1.06	<2.5	U	5.00	P	10/24/2025	15:20	LB137662
	Copper	2.30	<5	U	10.0	P	10/24/2025	15:20	LB137662
	Lead	1.15	<3	U	6.00	P	10/24/2025	15:20	LB137662
	Nickel	1.53	<10	U	20.0	P	10/24/2025	15:20	LB137662
	Selenium	4.82	<5	U	10.0	P	10/24/2025	15:20	LB137662
	Zinc	8.33	<10	U	20.0	P	10/24/2025	15:20	LB137662

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Dal-Tile</u>	SDG No.: <u>Q3420</u>
Contract: <u>DALT01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	8.44			-20	20	10/24/2025	14:52	LB137662
	Cadmium	2.28	1.0	228	-5	7	10/24/2025	14:52	LB137662
	Chromium	50.0	52.0	96	42	62	10/24/2025	14:52	LB137662
	Copper	9.81	2.0	490	-18	22	10/24/2025	14:52	LB137662
	Lead	3.20			-12	12	10/24/2025	14:52	LB137662
	Nickel	4.35	2.0	218	-38	42	10/24/2025	14:52	LB137662
	Selenium	7.23			-20	20	10/24/2025	14:52	LB137662
	Zinc	4.78			-40	40	10/24/2025	14:52	LB137662
ICSAB01	Arsenic	110	104	106	88.4	120	10/24/2025	14:56	LB137662
	Cadmium	1030	972	106	826	1120	10/24/2025	14:56	LB137662
	Chromium	566	542	104	460	624	10/24/2025	14:56	LB137662
	Copper	499	511	98	434	588	10/24/2025	14:56	LB137662
	Lead	51.7	49.0	106	37	61	10/24/2025	14:56	LB137662
	Nickel	1030	954	108	810	1100	10/24/2025	14:56	LB137662
	Selenium	54.0	46.0	117	26	66	10/24/2025	14:56	LB137662
	Zinc	1050	952	110	809	1095	10/24/2025	14:56	LB137662
ICSA01	Arsenic	4.77			-20	20	10/29/2025	14:21	LB137697
	Cadmium	0.66	1.0	66	-5	7	10/29/2025	14:21	LB137697
	Chromium	48.9	52.0	94	42	62	10/29/2025	14:21	LB137697
	Copper	14.1	2.0	705	-18	22	10/29/2025	14:21	LB137697
	Lead	0.038			-12	12	10/29/2025	14:21	LB137697
	Nickel	4.85	2.0	242	-38	42	10/29/2025	14:21	LB137697
	Selenium	1.76			-20	20	10/29/2025	14:21	LB137697
	Zinc	3.72			-40	40	10/29/2025	14:21	LB137697
ICSAB01	Arsenic	105	104	101	88.4	120	10/29/2025	14:25	LB137697
	Cadmium	963	972	99	826	1120	10/29/2025	14:25	LB137697
	Chromium	538	542	99	460	624	10/29/2025	14:25	LB137697
	Copper	474	511	93	434	588	10/29/2025	14:25	LB137697
	Lead	47.4	49.0	97	37	61	10/29/2025	14:25	LB137697
	Nickel	968	954	102	810	1100	10/29/2025	14:25	LB137697
	Selenium	51.1	46.0	111	26	66	10/29/2025	14:25	LB137697
	Zinc	999	952	105	809	1095	10/29/2025	14:25	LB137697



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Dal-Tile</u>	level: <u>low</u>	sdg no.: <u>Q3420</u>
contract: <u>DALT01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3420-05</u>	client id: <u>COMPOSITEMS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3420-05MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	563		51.5		400	128	N	P
Cadmium	ug/L	75 - 125	108		3.00	U	100	108		P
Chromium	ug/L	75 - 125	221		15.9		200	103		P
Copper	ug/L	75 - 125	149		7.37	J	150	94		P
Lead	ug/L	75 - 125	492		1.84	J	500	98		P
Nickel	ug/L	75 - 125	282		15.0	J	250	107		P
Selenium	ug/L	75 - 125	1880		492		1000	139	N	P
Zinc	ug/L	75 - 125	413		266		100	146	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Dal-Tile</u>	level: <u>low</u>	sdg no.: <u>Q3420</u>
contract: <u>DALT01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3420-05</u>	client id: <u>COMPOSITMSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3420-05MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	513		51.5		400	115		P
Cadmium	ug/L	75 - 125	97.2		3.00	U	100	97		P
Chromium	ug/L	75 - 125	200		15.9		200	92		P
Copper	ug/L	75 - 125	135		7.37	J	150	85		P
Lead	ug/L	75 - 125	441		1.84	J	500	88		P
Nickel	ug/L	75 - 125	255		15.0	J	250	96		P
Selenium	ug/L	75 - 125	1760		492		1000	127	N	P
Zinc	ug/L	75 - 125	401		266		100	134	N	P

metals
- 5a -
MATRIX SPIKE SUMMARY

client:	Dal-Tile	level:	low	sdg no.:	Q3420
contract:	DALT01			lab code:	ACE
matrix:	Water	sample id:	Q3434-02	client id:	PR132-WC2-20251022MS
Percent Solids for Sample:	NA	Spiked ID:	Q3434-02MS	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	4.65		1.03		4.0	91		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	Dal-Tile	level:	low	sdg no.:	Q3420
contract:	DALT01			lab code:	ACE
matrix:	Water	sample id:	Q3434-02	client id:	PR132-WC2-20251022MSD
Percent Solids for Sample:	NA	Spiked ID:	Q3434-02MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	4.62		1.03		4.0	90		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Dal-Tile</u>	SDG No.: <u>Q3420</u>	
Contract: <u>DALT01</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Water</u>	Level: <u>LOW</u>	Client ID: <u>COMPOSITEA</u>
Sample ID: <u>Q3420-05</u>	Spiked ID: <u>Q3420-05A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	505		51.5		400	113		P
Selenium	ug/L	75 - 125	1690		492		1000	120		P
Zinc	ug/L	75 - 125	376		266		100	110		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Dal-Tile **Level:** LOW **SDG No.:** Q3420
Contract: DALT01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3420-05 **Client ID:** COMPOSITEDUP
Percent Solids for Sample: NA **Duplicate ID** Q3420-05DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	51.5		52.1		1		P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Chromium	ug/L	20	15.9		16.1		1		P
Copper	ug/L	20	7.37	J	7.41	J	1		P
Lead	ug/L	20	1.84	J	2.17	J	16		P
Nickel	ug/L	20	15.0	J	14.8	J	1		P
Selenium	ug/L	20	492		491		0		P
Zinc	ug/L	20	266		271		2		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Dal-Tile **Level:** LOW **SDG No.:** Q3420
Contract: DALT01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3420-05MS **Client ID:** COMPOSITMSD
Percent Solids for Sample: NA **Duplicate ID** Q3420-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	563		513		9		P
Cadmium	ug/L	20	108		97.2		11		P
Chromium	ug/L	20	221		200		10		P
Copper	ug/L	20	149		135		10		P
Lead	ug/L	20	492		441		11		P
Nickel	ug/L	20	282		255		10		P
Selenium	ug/L	20	1880		1760		7		P
Zinc	ug/L	20	413		401		3		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Dal-Tile</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3420</u>
Contract:	<u>DALT01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3434-02</u>	Client ID:	<u>PR132-WC2-20251022DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3434-02DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	1.03		1.04		1		CV

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Dal-Tile</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3420</u>
Contract:	<u>DALT01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3434-02MS</u>	Client ID:	<u>PR132-WC2-20251022MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3434-02MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	4.65		4.62		1		CV

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>Dal-Tile</u>	SDG No.:	<u>Q3420</u>
Contract:	<u>DALT01</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170225BS							
Arsenic	ug/L	400	393		98	80 - 120	P
Cadmium	ug/L	100	95.9		96	80 - 120	P
Chromium	ug/L	200	202		101	80 - 120	P
Copper	ug/L	150	159		106	80 - 120	P
Lead	ug/L	500	481		96	80 - 120	P
Nickel	ug/L	250	248		99	80 - 120	P
Selenium	ug/L	1000	997		100	80 - 120	P
Zinc	ug/L	100	104		104	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>Dal-Tile</u>	SDG No.:	<u>Q3420</u>
Contract:	<u>DALT01</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170232BS Mercury	ug/L	4.0	3.75		94	80 - 120	CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

COMPOSITEL

Lab Name: Alliance **Contract:** DALT01
Lab Code: ACE **Lb No.:** lb137697 **Lab Sample ID :** Q3420-05L **SDG No.:** Q3420
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence		Q	M
Arsenic	51.5		55.6		8			P
Cadmium	3.00	U	15.0	U				P
Chromium	15.9		19.1	J	20			P
Copper	7.37	J	50.0	U	100.0			P
Lead	1.84	J	30.0	U	100.0			P
Nickel	15.0	J	17.2	J	15			P
Selenium	492		468		5			P
Zinc	266		272		2			P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

PR132-WC2-20251022L

Lab Name: Alliance **Contract:** DALT01
Lab Code: ACE **Lb No.:** lb137632 **Lab Sample ID :** Q3434-02L **SDG No.:** Q3420
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	1.03	0.78 J	24		CV



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Dal-Tile

SDG No.: Q3420

Contract: DALT01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Dal-Tile

SDG No.: Q3420

Contract: DALT01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Dal-Tile

SDG No.: Q3420

Contract: DALT01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Dal-Tile

SDG No.: Q3420

Contract: DALT01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Dal-Tile

SDG No.: Q3420

Contract: DALT01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals
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SAMPLE PREPARATION SUMMARY

Client: Dal-Tile **SDG No.:** Q3420
Contract: DALT01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170225							
PB170225BL	PB170225BL	MB	WATER	10/23/2025	50.0	25.0	
PB170225BS	PB170225BS	LCS	WATER	10/23/2025	50.0	25.0	
Q3420-05	COMPOSITE	SAM	WATER	10/23/2025	50.0	25.0	
Q3420-05DUP	COMPOSITEDUP	DUP	WATER	10/23/2025	50.0	25.0	
Q3420-05MS	COMPOSITEMS	MS	WATER	10/23/2025	50.0	25.0	
Q3420-05MSD	COMPOSITEMSD	MSD	WATER	10/23/2025	50.0	25.0	

Metals
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SAMPLE PREPARATION SUMMARY

Client: Dal-Tile **SDG No.:** Q3420
Contract: DALT01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170232							
PB170232BL	PB170232BL	MB	WATER	10/23/2025	30.0	30.0	
PB170232BS	PB170232BS	LCS	WATER	10/23/2025	30.0	30.0	
Q3420-05	COMPOSITE	SAM	WATER	10/23/2025	30.0	30.0	
Q3434-02DUP	PR132-WC2-20251022DUP	DUP	WATER	10/23/2025	30.0	30.0	
Q3434-02MS	PR132-WC2-20251022MS	MS	WATER	10/23/2025	30.0	30.0	
Q3434-02MSD	PR132-WC2-20251022MSD	MSD	WATER	10/23/2025	30.0	30.0	

metals
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ANALYSIS RUN LOG

Client: Dal-Tile

Contract: DALT01

Lab code: ACE

Sdg no.: Q3420

Instrument id number: _____

Method: _____

Run number: LB137632

Start date: 10/24/2025

End date: 10/24/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0858	HG
S0.2	S0.2	1	0901	HG
S2.5	S2.5	1	0903	HG
S5	S5	1	0905	HG
S7.5	S7.5	1	0908	HG
S10	S10	1	0910	HG
ICV86	ICV86	1	0920	HG
ICB86	ICB86	1	0923	HG
CCV83	CCV83	1	0925	HG
CCB83	CCB83	1	0930	HG
CRA	CRA	1	0932	HG
CCV84	CCV84	1	1009	HG
CCB84	CCB84	1	1011	HG
CCV85	CCV85	1	1040	HG
CCB85	CCB85	1	1043	HG
PB170232BL	PB170232BL	1	1050	HG
PB170232BS	PB170232BS	1	1052	HG
Q3420-05	COMPOSITE	1	1057	HG
Q3434-02DUP	PR132-WC2-20251022DUP	1	1104	HG
Q3434-02MS	PR132-WC2-20251022MS	1	1106	HG
CCV86	CCV86	1	1112	HG
CCB86	CCB86	1	1114	HG
Q3434-02MSD	PR132-WC2-20251022MSD	1	1117	HG
Q3434-02L	PR132-WC2-20251022L	5	1129	HG
CCV87	CCV87	1	1133	HG
CCB87	CCB87	1	1138	HG

metals
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ANALYSIS RUN LOG

Client: Dal-Tile

Contract: DALT01

Lab code: ACE

Sdg no.: Q3420

Instrument id number: _____

Method: _____

Run number: LB137662

Start date: 10/24/2025

End date: 10/24/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1407	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
S1	S1	1	1412	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
S2	S2	1	1416	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
S3	S3	1	1420	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
S4	S4	1	1424	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
S5	S5	1	1429	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICV01	ICV01	1	1433	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
LLICV01	LLICV01	1	1438	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICB01	ICB01	1	1443	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CRI01	CRI01	1	1448	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSA01	ICSA01	1	1452	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSAB01	ICSAB01	1	1456	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV01	CCV01	1	1512	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB01	CCB01	1	1516	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
PB170225BL	PB170225BL	1	1520	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
PB170225BS	PB170225BS	1	1524	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV02	CCV02	1	1632	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB02	CCB02	1	1647	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV03	CCV03	1	1829	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB03	CCB03	1	1833	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV04	CCV04	1	1919	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB04	CCB04	1	1923	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV05	CCV05	1	2006	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB05	CCB05	1	2010	As,Cd,Cr,Cu,Ni,Pb,Se,Zn

metals
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ANALYSIS RUN LOG

Client: Dal-Tile

Contract: DALT01

Lab code: ACE

Sdg no.: Q3420

Instrument id number: _____

Method: _____

Run number: LB137697

Start date: 10/29/2025

End date: 10/29/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1336	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
S1	S1	1	1340	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
S2	S2	1	1344	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
S3	S3	1	1349	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
S4	S4	1	1353	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
S5	S5	1	1357	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICV01	ICV01	1	1401	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
LLICV01	LLICV01	1	1407	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICB01	ICB01	1	1412	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CRI01	CRI01	1	1416	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSA01	ICSA01	1	1421	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSAB01	ICSAB01	1	1425	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV01	CCV01	1	1437	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB01	CCB01	1	1441	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV02	CCV02	1	1543	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB02	CCB02	1	1548	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV03	CCV03	1	1637	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB03	CCB03	1	1641	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV04	CCV04	1	1727	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB04	CCB04	1	1731	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV05	CCV05	1	1803	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB05	CCB05	1	1807	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3420-05	COMPOSITE	1	1812	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3420-05DUP	COMPOSITEDUP	1	1816	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3420-05L	COMPOSITEL	5	1820	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3420-05MS	COMPOSITEMS	1	1825	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3420-05MSD	COMPOSITEMSD	1	1829	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q3420-05A	COMPOSITEA	1	1833	As,Se,Zn
CCV06	CCV06	1	1855	As,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB06	CCB06	1	1904	As,Cd,Cr,Cu,Ni,Pb,Se,Zn

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	Date Collected:	10/21/25 14:53
Project:	Waste Water	Date Received:	10/22/25
Client Sample ID:	Oil and Grease #2	SDG No.:	Q3420
Lab Sample ID:	Q3420-02	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	Date Collected:	10/21/25 15:04
Project:	Waste Water	Date Received:	10/22/25
Client Sample ID:	Cyanide	SDG No.:	Q3420
Lab Sample ID:	Q3420-04	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

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	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3420-05
Client ID:	COMPOSITEDUP	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
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	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3420-05
Client ID:	COMPOSITMSD	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
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	SDG No.:	Q3420
Project:	Waste Water	Sample ID:	Q3448-01
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
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	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
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 Project: Waste Water Client ID: Q3455 -01MSD	SDG No.: Q3420 Sample ID: Q3455-01 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	287		287		1	0.03		10/27/2025

Laboratory Control Sample Summary

Client:	Dal-Tile	SDG No.:	Q3420
Project:	Waste Water	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	SDG No.:	Q3420
Project:	Waste Water	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	SDG No.:	Q3420
Project:	Waste Water	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	SDG No.:	Q3420
Project:	Waste Water	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	SDG No.:	Q3420
Project:	Waste Water	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	SDG No.:	Q3420
Project:	Waste Water	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



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING 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:

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:

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

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

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

☐ 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 + 600DD
54000-4412

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	12:15 PM	1	X										11:6.96
2.	Oil & Grease #2	WW		X	10/21	2:00 PM	1	X										11:6.75
3.	Oil & Grease #3	WW		X	10/21	2:50 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. Kyle Bill	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 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