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Cover Page

Order ID : P4663

Project ID : Rt. 10 Whippany

Client : Union Paving & Construction Company

Lab Sample Number	Client Sample Number
P4663-01	TENNANT-PAD-2-3-STOCKPILE
P4663-02	TENNANT-PAD-2-3-STOCKPILE
P4663-03	RES-BUILDING-PAD-NO-11
P4663-04	RES-BUILDING-PAD-NO-11
P4663-05	RES-BUILDING-PAD-NO-3
P4663-06	RES-BUILDING-PAD-NO-3
P4663-07	RES-BUILDING-PAD-NO-2
P4663-08	RES-BUILDING-PAD-NO-2

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: 11/11/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **P4663**

	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 Castody	✓
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: **PATEL VAISHALI** **Date:** **11/11/2024**

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LAB CHRONICLE

OrderID:	P4663	**OrderDate:**	10/31/2024 3:05:00 PM
Client:	Union Paving & Construction Company	**Project:**	Rt. 10 Whippany
Contact:	Gregory Butler	**Location:**	K41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4663-02	**TENNANT-PAD-2-3-STOCKPILE**	**SOIL**			**10/31/24 12:50**			**10/31/24**
			Cyanide	9012B		11/01/24	11/04/24 12:09	
			Hexavalent Chromium	7196A		11/04/24	11/04/24 14:54	
			Trivalent Chromium	6010D			11/04/24 20:12	
P4663-04	**RES-BUILDING-PAD-NO-11**	**SOIL**			**10/31/24 13:04**			**10/31/24**
			Cyanide	9012B		11/01/24	11/04/24 12:09	
			Hexavalent Chromium	7196A		11/04/24	11/04/24 14:55	
			Trivalent Chromium	6010D			11/04/24 20:17	
P4663-06	**RES-BUILDING-PAD-NO-3**	**SOIL**			**10/31/24 13:26**			**10/31/24**
			Cyanide	9012B		11/01/24	11/04/24 12:09	
			Hexavalent Chromium	7196A		11/04/24	11/04/24 14:56	
			Trivalent Chromium	6010D			11/04/24 20:21	
P4663-08	**RES-BUILDING-PAD-NO-2**	**SOIL**			**10/31/24 13:39**			**10/31/24**
			Cyanide	9012B		11/01/24	11/04/24 12:14	
			Hexavalent Chromium	7196A		11/04/24	11/04/24 14:57	

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LAB CHRONICLE

Trivalent Chromium	6010D	11/04/24 20:25

SAMPLE DATA

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Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	10/31/24 12:50
Project:	Rt. 10 Whippany	Date Received:	10/31/24
Client Sample ID:	TENNANT-PAD-2-3-STOCKPILE	SDG No.:	P4663
Lab Sample ID:	P4663-02	Matrix:	SOIL
		% Solid:	90.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.33		1	0.047	0.27	mg/Kg	11/01/24 14:00	11/04/24 12:09	9012B
Hexavalent Chromium	0.086	U	1	0.086	0.43	mg/Kg	11/04/24 11:00	11/04/24 14:54	7196A
Trivalent Chromium	16.2		1	0.55	0.55	mg/Kg		11/04/24 20:12	6010D

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

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Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	10/31/24 13:04
Project:	Rt. 10 Whippany	Date Received:	10/31/24
Client Sample ID:	RES-BUILDING-PAD-NO-11	SDG No.:	P4663
Lab Sample ID:	P4663-04	Matrix:	SOIL
		% Solid:	91.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.39		1	0.046	0.26	mg/Kg	11/01/24 14:00	11/04/24 12:09	9012B
Hexavalent Chromium	0.086	U	1	0.086	0.43	mg/Kg	11/04/24 11:00	11/04/24 14:55	7196A
Trivalent Chromium	17.5		1	0.55	0.55	mg/Kg		11/04/24 20:17	6010D

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

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Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	10/31/24 13:26
Project:	Rt. 10 Whippany	Date Received:	10/31/24
Client Sample ID:	RES-BUILDING-PAD-NO-3	SDG No.:	P4663
Lab Sample ID:	P4663-06	Matrix:	SOIL
		% Solid:	91.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.29		1	0.048	0.27	mg/Kg	11/01/24 14:00	11/04/24 12:09	9012B
Hexavalent Chromium	0.086	U	1	0.086	0.44	mg/Kg	11/04/24 11:00	11/04/24 14:56	7196A
Trivalent Chromium	12.9		1	0.55	0.55	mg/Kg		11/04/24 20:21	6010D

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

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Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	10/31/24 13:39
Project:	Rt. 10 Whippany	Date Received:	10/31/24
Client Sample ID:	RES-BUILDING-PAD-NO-2	SDG No.:	P4663
Lab Sample ID:	P4663-08	Matrix:	SOIL
		% Solid:	91.3

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.18	J	1	0.047	0.27	mg/Kg	11/01/24 14:00	11/04/24 12:14	9012B
Hexavalent Chromium	0.086	U	1	0.086	0.43	mg/Kg	11/04/24 11:00	11/04/24 14:57	7196A
Trivalent Chromium	13.8		1	0.55	0.55	mg/Kg		11/04/24 20:25	6010D

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

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Initial and Continuing Calibration Verification

Client: Union Paving & Construction Company **SDG No.:** P4663

Project: Rt. 10 Whippany **RunNo.:** LB133276

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.501	0.5	100	90-110	11/04/2024
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.503	0.5	101	90-110	11/04/2024
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.501	0.5	100	90-110	11/04/2024
Sample ID: CCV3						
Hexavalent Chromium	mg/L	0.501	0.5	100	90-110	11/04/2024
Sample ID: CCV4						
Hexavalent Chromium	mg/L	0.503	0.5	101	90-110	11/04/2024

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Initial and Continuing Calibration Verification

Client: Union Paving & Construction Company **SDG No.:** P4663

Project: Rt. 10 Whippany **RunNo.:** LB133277

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV1**						
Cyanide		mg/L	0.096	0.099	97	90-110	11/04/2024
Sample ID:	**CCV1**						
Cyanide		mg/L	0.24	0.25	96	90-110	11/04/2024
Sample ID:	**CCV2**						
Cyanide		mg/L	0.25	0.25	100	90-110	11/04/2024
Sample ID:	**CCV3**						
Cyanide		mg/L	0.25	0.25	100	90-110	11/04/2024

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Initial and Continuing Calibration Blank Summary

Client: Union Paving & Construction Company **SDG No.:** P4663

Project: Rt. 10 Whippany **RunNo.:** LB133276

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	11/04/2024
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	11/04/2024
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	11/04/2024
Sample ID: CCB3							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	11/04/2024
Sample ID: CCB4							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	11/04/2024

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Initial and Continuing Calibration Blank Summary

Client: Union Paving & Construction Company **SDG No.:** P4663

Project: Rt. 10 Whippany **RunNo.:** LB133277

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00099	0.005	11/04/2024
Sample ID:	CCB1							
Cyanide		mg/L	0.0017	0.0025	J	0.00099	0.005	11/04/2024
Sample ID:	CCB2							
Cyanide		mg/L	0.0011	0.0025	J	0.00099	0.005	11/04/2024
Sample ID:	CCB3							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00099	0.005	11/04/2024

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Preparation Blank Summary

Client: Union Paving & Construction Company **SDG No.:** P4663

Project: Rt. 10 Whippany

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB164606BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.079	0.4	11/04/2024
Sample ID: PB164654BL							
Cyanide	mg/Kg	< 0.1250	0.1250	U	0.044	0.25	11/04/2024

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Matrix Spike Summary

Client: Union Paving & Construction Company
SDG No.: P4663
Project: Rt. 10 Whippany
Sample ID: P4663-02
Client ID: TENNANT-PAD-2-3-STOCKPILEMS
Percent Solids for Spike Sample: 90.9

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	2.30		0.33		2.2	1	90		11/04/2024

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Matrix Spike Summary

Client: Union Paving & Construction Company
SDG No.: P4663
Project: Rt. 10 Whippany
Sample ID: P4663-02
Client ID: TENNANT-PAD-2-3-STOCKPILEMSD
Percent Solids for Spike Sample: 90.9

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	2.20		0.33		2.2	1	85		11/04/2024

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Matrix Spike Summary

Client: Union Paving & Construction Company
SDG No.: P4663
Project: Rt. 10 Whippany
Sample ID: P4675-06
Client ID: COMP-6MS
Percent Solids for Spike Sample: 81.3

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1580		0.15	J	1580	40	100		11/04/2024

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Matrix Spike Summary

Client: Union Paving & Construction Company
SDG No.: P4663
Project: Rt. 10 Whippany
Sample ID: P4675-06
Client ID: COMP-6MS
Percent Solids for Spike Sample: 81.3

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	48.9		0.15	J	49.2	2	99		11/04/2024

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Matrix Spike Summary

Client: Union Paving & Construction Company
SDG No.: P4663
Project: Rt. 10 Whippany
Sample ID: P4675-06
Client ID: COMP-6MS
Percent Solids for Spike Sample: 81.3

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	39.1		0.15	J	49.2	2	79		11/04/2024

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Duplicate Sample Summary

Client: Union Paving & Construction Company
SDG No.: P4663
Project: Rt. 10 Whippany
Sample ID: P4663-02
Client ID: TENNANT-PAD-2-3-STOCKPILEDUP
Percent Solids for Spike Sample: 90.9

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	0.33		0.35		1	6		11/04/2024

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Duplicate Sample Summary

Client: Union Paving & Construction Company
SDG No.: P4663
Project: Rt. 10 Whippany
Sample ID: P4663-02
Client ID: TENNANT-PAD-2-3-STOCKPILEMSD
Percent Solids for Spike Sample: 90.9

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	2.30		2.20		1	4		11/04/2024

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Duplicate Sample Summary

Client: Union Paving & Construction Company
Project: Rt. 10 Whippany
Client ID: COMP-6DUP
SDG No.: P4663
Sample ID: P4675-06
Percent Solids for Spike Sample: 81.3

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.15	J	0.15	J	1	0		11/04/2024

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Laboratory Control Sample Summary

Client:	Union Paving & Construction Company	**SDG No.:**	P4663
Project:	Rt. 10 Whippany	**Run No.:**	LB133276

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB164606BS								
Hexavalent Chromium	**mg/Kg**	**20**	**20.0**		**100**	**1**	**84-110**	**11/04/2024**

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Laboratory Control Sample Summary

Client:	Union Paving & Construction Company	**SDG No.:**	P4663
Project:	Rt. 10 Whippany	**Run No.:**	LB133277

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID **PB164654BS**								
Cyanide	mg/Kg	5	4.80		96	1	85-115	11/04/2024

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RAW DATA

Reviewed By:Iwona
On:11/4/2024 4:44:32 PM
Inst Id :SPECTROPHOTOME

Analytical Summary Report

Analysis Method: ~~7196A~~

Parameter: ~~Hexavalent Chromium~~

Run Number: ~~LB133276~~

ANALYST: rubina

SUPERVISOR REVIEW BY: Iwona

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP110515
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0015 **Slope:** 0.7651 **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	7.31	1.75	0.000	0.000	0.000	-0.00		11/04/2024	14:40
2	CAL2	0.01	1	100	100	7.39	1.89	0.000	0.009	0.009	0.009	-10	11/04/2024	14:41
3	CAL3	0.025	1	100	100	7.36	1.88	0.000	0.021	0.021	0.025	0	11/04/2024	14:42
4	CAL4	0.05	1	100	100	7.40	1.84	0.000	0.040	0.040	0.050	0	11/04/2024	14:43
5	CAL5	0.1	1	100	100	7.41	1.90	0.000	0.080	0.080	0.102	2	11/04/2024	14:44
6	CAL6	0.5	1	100	100	7.36	1.89	0.000	0.383	0.383	0.498	-0.4	11/04/2024	14:45
7	CAL7	1	1	100	100	7.36	1.86	0.000	0.767	0.767	1.000	0	11/04/2024	14:46

Reviewed By:Iwona
On:11/4/2024 4:44:32 PM
Inst Id :SPECTROPHOTOME

Analytical Summary Report

Analysis Method: 7196A
ANALYST: rubina
Parameter: Hexavalent Chromium
SUPERVISOR REVIEW BY: Iwona
Run Number: LB133276
pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100	7.46	1.94	0.000	0.385	0.385	0.501	11/04/2024	14:47
2	ICB		1	100	100	7.29	1.77	0.000	0.001	0.001	-0.001	11/04/2024	14:48
3	CCV1	0.5	1	100	100	7.42	1.96	0.000	0.386	0.386	0.503	11/04/2024	14:49
4	CCB1		1	100	100	7.27	1.74	0.000	0.001	0.001	-0.001	11/04/2024	14:50
5	RL Check	0.01	1	100	100	7.42	1.90	0.000	0.009	0.009	0.010	11/04/2024	14:51
6	PB164606BL		1	2.50	100	7.30	1.75	0.000	0.001	0.001	-0.001	11/04/2024	14:52
7	PB164606BS	20	1	2.50	100	7.44	1.96	0.000	0.383	0.383	0.499	11/04/2024	14:53
8	P4663-02		1	2.54	100	7.58	2.10	0.018	0.020	0.002	0.001	11/04/2024	14:54
9	P4663-04		1	2.51	100	7.60	2.06	0.013	0.014	0.001	-0.001	11/04/2024	14:55
10	P4663-06		1	2.52	100	7.68	2.20	0.009	0.009	0.000	-0.002	11/04/2024	14:56
11	P4663-08		1	2.53	100	7.60	2.06	0.006	0.008	0.002	0.001	11/04/2024	14:57
12	P4667-01		1	2.52	100	7.52	2.18	0.008	0.008	0.000	-0.002	11/04/2024	14:58
13	P4667-05		1	2.51	100	7.60	2.10	0.003	0.004	0.001	-0.001	11/04/2024	14:59
14	P4667-09		1	2.54	100	7.68	2.14	0.006	0.008	0.002	0.001	11/04/2024	15:00
15	P4667-13		1	2.54	100	7.56	2.16	0.008	0.009	0.001	-0.001	11/04/2024	15:01
16	CCV2	0.5	1	100	100	7.41	1.93	0.000	0.385	0.385	0.501	11/04/2024	15:02
17	CCB2		1	100	100	7.24	1.80	0.000	0.001	0.001	-0.001	11/04/2024	15:03
18	P4675-01		1	2.51	100	7.54	2.10	0.005	0.009	0.004	0.003	11/04/2024	15:04
19	P4675-02		1	2.52	100	7.62	2.10	0.007	0.008	0.001	-0.001	11/04/2024	15:05
20	P4675-03		1	2.51	100	7.66	2.18	0.008	0.010	0.002	0.001	11/04/2024	15:06
21	P4675-04		1	2.52	100	7.60	2.22	0.017	0.025	0.008	0.008	11/04/2024	15:07
22	P4675-05		1	2.53	100	7.52	2.10	0.004	0.008	0.004	0.003	11/04/2024	15:08
23	P4675-06		1	2.52	100	7.52	2.10	0.007	0.011	0.004	0.003	11/04/2024	15:09
24	P4675-06DU		1	2.52	100	7.58	2.14	0.007	0.011	0.004	0.003	11/04/2024	15:10
25	P4675-06MS	40	2	2.51	100	7.54	2.10	0.000	0.307	0.307	0.399	11/04/2024	15:11
26	P4675-06MS	1284	40	2.52	100	7.54	2.10	0.000	0.619	0.619	0.807	11/04/2024	15:12
27	P4675-06MS	40	2	2.52	100	7.60	2.16	0.000	0.385	0.385	0.501	11/04/2024	15:13
28	CCV3	0.5	1	100	100	7.45	1.90	0.000	0.385	0.385	0.501	11/04/2024	15:14
29	CCB3		1	100	100	7.31	1.74	0.000	0.000	0.000	-0.002	11/04/2024	15:15
30	P4679-01		1	2.54	100	7.52	2.14	0.014	0.016	0.002	0.001	11/04/2024	15:16
31	P4680-01		1	2.53	100	7.58	2.10	0.008	0.009	0.001	-0.001	11/04/2024	15:17
32	P4680-05		1	2.55	100	7.60	2.06	0.008	0.009	0.001	-0.001	11/04/2024	15:18
33	P4682-01		1	2.51	100	7.66	2.06	0.010	0.011	0.001	-0.001	11/04/2024	15:19
34	P4685-01		1	2.54	100	7.62	2.24	0.010	0.012	0.002	0.001	11/04/2024	15:20
35	CCV4	0.5	1	100	100	7.43	1.94	0.000	0.386	0.386	0.503	11/04/2024	15:21
36	CCB4		1	100	100	7.29	1.79	0.000	0.001	0.001	-0.001	11/04/2024	15:22

LB13

Test results | Aquakem 7.2AQ1 | Page:

CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : NF | Instrument ID : Konelab

11/4/2024 13:32

Test: Total CN

Sample Id	Result	Dil.	1 +	Response	Errors
ICV1	95.554	0.0		0.073	
ICB1	0.630	0.0		0.002	
CCV1	239.894	0.0		0.182	
CCB1	1.666	0.0		0.002	
PB164654BS	96.734	0.0		0.074	
LOWPB164654	10.659	0.0		0.009	
HIGHPB164654	485.540	0.0		0.367	
P4663-02	6.078	0.0		0.006	
P4663-02DUP	6.628	0.0		0.006	
P4663-02MS	42.103	0.0		0.033	
P4663-02MSD	41.204	0.0		0.032	
P4663-04	7.496	0.0		0.007	
P4663-06	5.427	0.0		0.005	
CCV2	246.301	0.0		0.187	
CCB2	1.135	0.0		0.002	
P4663-08	3.370	0.0		0.004	
PB164654BL	0.678	0.0		0.002	
CCV3	252.563	0.0		0.191	
CCB3	0.841	0.0		0.002	

106 % (90 – 110) NF
97 % (90 – 110) 11.04.2024.

N	19
Mean	81.290
SD	132.1730
CV%	162.60

Aquakem v. 7.2AQ1
Results from time period:
Mon Nov 04 10:50:25 2024
Mon Nov 04 13:21:13 2024

Sample Id	Sam/Ctr/cA	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	0.2801	µg/l	11/4/2024 11:27:17	
5.0PPBCN	A	Total CN	P	4.3632	µg/l	11/4/2024 11:27:18	
10PPBCN	A	Total CN	P	9.4848	µg/l	11/4/2024 11:27:19	
50PPBCN	A	Total CN	P	47.7226	µg/l	11/4/2024 11:27:20	
100PPBCN	A	Total CN	P	102.1503	µg/l	11/4/2024 11:27:21	
250PPBCN	A	Total CN	P	252.3694	µg/l	11/4/2024 11:27:22	
500PPBCN	A	Total CN	P	498.6296	µg/l	11/4/2024 11:27:23	
ICV1	S	Total CN	P	95.5544	µg/l	11/4/2024 12:01:46	
ICB1	S	Total CN	P	0.6304	µg/l	11/4/2024 12:01:48	
CCV1	S	Total CN	P	239.8944	µg/l	11/4/2024 12:01:51	
CCB1	S	Total CN	P	1.6656	µg/l	11/4/2024 12:01:55	
PB164654BS	S	Total CN	P	96.7343	µg/l	11/4/2024 12:09:18	
LOWPB164654	S	Total CN	P	10.6588	µg/l	11/4/2024 12:09:19	
HIGHPB164654	S	Total CN	P	485.5403	µg/l	11/4/2024 12:09:22	
P4663-02	S	Total CN	P	6.0777	µg/l	11/4/2024 12:09:23	
P4663-02DUP	S	Total CN	P	6.6278	µg/l	11/4/2024 12:09:24	
P4663-02MS	S	Total CN	P	42.1026	µg/l	11/4/2024 12:09:25	
P4663-02MSD	S	Total CN	P	41.204	µg/l	11/4/2024 12:09:26	
P4663-04	S	Total CN	P	7.4964	µg/l	11/4/2024 12:09:27	
P4663-06	S	Total CN	P	5.4267	µg/l	11/4/2024 12:09:28	
CCV2	S	Total CN	P	246.3011	µg/l	11/4/2024 12:14:05	
CCB2	S	Total CN	P	1.1354	µg/l	11/4/2024 12:14:06	
P4663-08	S	Total CN	P	3.3704	µg/l	11/4/2024 12:14:07	
PB164654BL	S	Total CN	P	0.6783	µg/l	11/4/2024 12:17:28	
CCV3	S	Total CN	P	252.5632	µg/l	11/4/2024 12:20:02	
CCB3	S	Total CN	P	0.8412	µg/l	11/4/2024 12:20:03	

Calibration results Aquakem 7.2AQ1 Page: 1

CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : NF Instrument ID : Konelab

11/4/2024 11:27

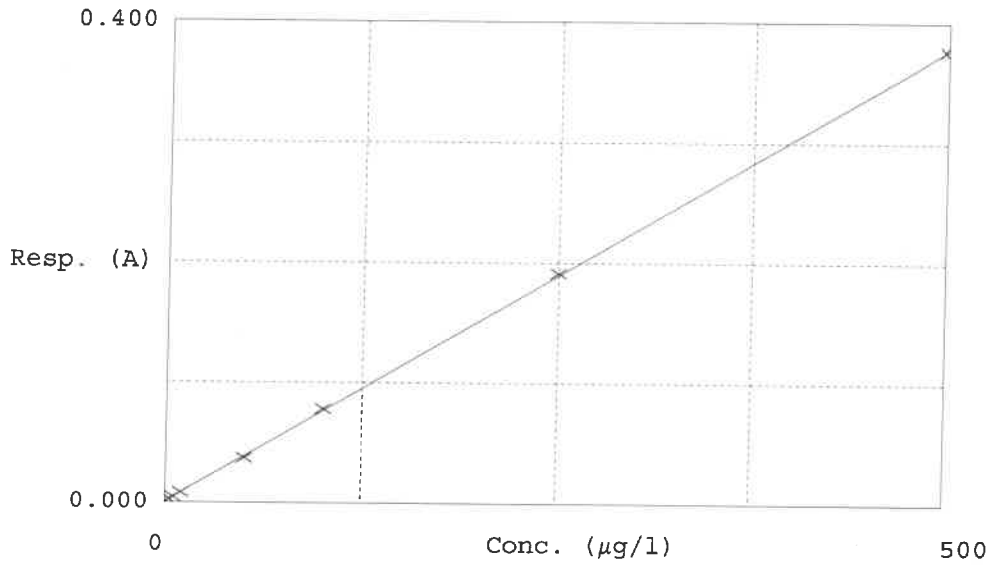
Test Total CN

Accepted 11/4/2024 11:27

Factor 1328
Bias 0.001

Coeff. of det. 0.999912

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors (Re)
1	0.0PPBCN	0.001	0.2801	0.0000	
2	5.0PPBCN	0.004	4.3632	5.0000	-12.7
3	10PPBCN	0.008	9.4848	10.0000	-5.2
4	50PPBCN	0.037	47.7226	50.0000	-4.6
5	100PPBCN	0.078	102.1503	100.0000	2.2
6	250PPBCN	0.191	252.3694	250.0000	0.9
7	500PPBCN	0.377	498.6296	500.0000	-0.3

NF
11.04.2024

Alliance TECHNICAL GROUP

Soil/Sludge Hexavalent Chromium Preparation Sheet

PB164606

SOP ID : M3060A,7196A-Hex.Chromium-26

SDG No : N/A

Matrix : SOIL

Pippete ID : WC

Balance ID : WC SC-4

Hood ID : HOOD#3

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

Weigh By : RM

Start Digest Date: 11/04/2024 **Time :** 11:00 **Temp :** 90 °C

End Digest Date: 11/04/2024 **Time :** 12:00 **Temp :** 95 °C

TT batch 11/04/2024 12.30 90 C JRM
11/04/2024 13.30 94 C JRM

Digestion tube ID : M6054

Filter paper ID : 400213

pH Meter ID : WC pH meter-1

Block Thermometer ID : WC-Block#1

Prep Technician Signature: RM

Supervisor Signature:

Standared Name	MLS USED	STD REF. # FROM LOG
PRE-DIGESTION SPIKE	2.0ML	WP108658
INSOLUBLE SPIKE	0.02GM	W2202
POST-DIGESTION SPIKE	2.0ML	WP108658
LCSS	1.0ML	WP108659
PBS003	50ML	W3112

Chemical Used	ML/SAMPLE USED	Lot Number
MAGNESIUM CHLORIDE	0.4GM	W3001
PHOSPHATE BUFFER	0.5ML	WP110498
HEX. DIGESTION SOLN.	50.0ML	WP110092
5M HNO3	5-7ML	WP110381
5N H2SO4	1-3ML	WP110380
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	Vol(ml)	Comment
CAL1	CAL1	2.5ML	W3112
CAL2	CAL2	0.2ML	WP110518
CAL3	CAL3	0.5ML	WP110518
CAL4	CAL4	1ML	WP110518
CAL5	CAL5	0.2ML	WP108658
CAL6	CAL6	1ML	WP108658
CAL7	CAL7	2.0ML	WP108658
ICV	ICV	1ML	WP108659
ICB	ICB	2.5ML	W3112
CCV	CCV	1ML	WP108658
CCB	CCB	2.5ML	W3112

Extraction Conformance/Non-Conformance Comments: 11/04/2024 RM

N/A

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

Alliance TECHNICAL GROUP

Soil/Sludge Hexavalent Chromium Preparation Sheet

PB164606

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
P4663-02	TENNANT-PAD-2-3-STOCKPILE	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
P4663-04	RES-BUILDING-PAD-NO-11	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
P4663-06	RES-BUILDING-PAD-NO-3	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
P4663-08	RES-BUILDING-PAD-NO-2	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
P4667-01	BP-F-6	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
P4667-05	BP-F-5	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
P4667-09	BP-F-10	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
P4667-13	BP-F-7	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
P4675-01	COMP-1	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
P4675-02	COMP-2	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
P4675-03	COMP-3	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
P4675-04	COMP-4	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
P4675-05	COMP-5	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
P4675-06	COMP-6	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
P4675-06DUP	COMP-6DUP	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
P4675-06MSPre	COMP-6MSPRE	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
P4675-06MS2Ins	COMP-6MS2INS	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
P4675-06MS3Post	COMP-6MS3POST	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
P4679-01	MH-1	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
P4680-01	BP-F26	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
P4680-05	BP-F25	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
P4682-01	BELL-SHOP-RAGS	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
P4685-01	OK-01-11012024	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
PB164606BL	PBS606	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
PB164606BS	LCS606	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex-11-03 **WorkList ID :** 185064 **Department :** Distillation **Date :** 11-03-2024 12:19:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4663-02	TENNANT-PAD-2-3-STOCKPIL	Solid	Hexavalent Chromium	Cool 4 deg C	UNIO02	K41	10/31/2024	7196A
P4663-04	RES-BUILDING-PAD-NO-11	Solid	Hexavalent Chromium	Cool 4 deg C	UNIO02	K41	10/31/2024	7196A
P4663-06	RES-BUILDING-PAD-NO-3	Solid	Hexavalent Chromium	Cool 4 deg C	UNIO02	K41	10/31/2024	7196A
P4663-08	RES-BUILDING-PAD-NO-2	Solid	Hexavalent Chromium	Cool 4 deg C	UNIO02	K41	10/31/2024	7196A
P4667-01	BP-F-6	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	K51	10/31/2024	7196A
P4667-05	BP-F-5	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	K51	10/31/2024	7196A
P4667-09	BP-F-10	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	K51	10/31/2024	7196A
P4667-13	BP-F-7	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	K51	10/31/2024	7196A
P4675-01	COMP-1	Solid	Hexavalent Chromium	Cool 4 deg C	POWE02	K41	10/31/2024	7196A
P4675-02	COMP-2	Solid	Hexavalent Chromium	Cool 4 deg C	POWE02	K41	10/31/2024	7196A
P4675-03	COMP-3	Solid	Hexavalent Chromium	Cool 4 deg C	POWE02	K41	10/31/2024	7196A
P4675-04	COMP-4	Solid	Hexavalent Chromium	Cool 4 deg C	POWE02	K41	10/31/2024	7196A
P4675-05	COMP-5	Solid	Hexavalent Chromium	Cool 4 deg C	POWE02	K41	10/31/2024	7196A
P4675-06	COMP-6	Solid	Hexavalent Chromium	Cool 4 deg C	POWE02	K41	10/31/2024	7196A
P4679-01	MH-1	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	L11	11/01/2024	7196A
P4680-01	BP-F26	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	L12	11/01/2024	7196A
P4680-05	BP-F25	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	L12	11/01/2024	7196A
P4682-01	BELL-SHOP-RAGS	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG03	L13	11/01/2024	7196A
P4685-01	OK-01-11012024	Solid	Hexavalent Chromium	Cool 4 deg C	PSEG05	L13	11/01/2024	7196A

Date/Time 11/04/2024 10:15
Raw Sample Received by: RM (CWC)
Raw Sample Relinquished by: [signature]

Date/Time 11/04/2024 12:40
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RM (CWC)

Alliance TECHNICAL GROUP

Soil/Sludge Cyanide Preparation Sheet

PB164654

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-20

SDG No : N/A

Start Digest Date: 11/01/2024 **Time :** 14:00 **Temp :** 123 °C

Matrix : SOLID

End Digest Date: 11/01/2024 **Time :** 15:30 **Temp :** 126 °C

Pippete ID : WC

Balance ID : WC SC-4

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:** NF

Weigh By : NF **pH Meter ID :** N/A **Supervisor Signature:** 12

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.0ML	WP109549
MS/MSD SPIKE SOL.	0.4ML	WP110035
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP108640
50% v/v H2SO4	5.0ML	WP110391
51% w/v MgCL2	2.0ML	WP110390
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
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	W3011
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	5.0ML	WP110035
LOWSTD	LOWSTD	0.1ML	WP110035

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11.01.2024, 15:45	NF(WC)	NF(WC)
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Cyanide Preparation Sheet

PB164654

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
P4663-02	TENNANT-PAD-2-3-STOCKPILE	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
P4663-02DUP	TENNANT-PAD-2-3-STOCKPILEDUP	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
P4663-02MS	TENNANT-PAD-2-3-STOCKPILEMS	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
P4663-02MSD	TENNANT-PAD-2-3-STOCKPILEMSD	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
P4663-04	RES-BUILDING-PAD-NO-11	1.05	50	N/A	N/A	N/A	N/A	N/A	N/A
P4663-06	RES-BUILDING-PAD-NO-3	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
P4663-08	RES-BUILDING-PAD-NO-2	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
PB164654BL	PBS654	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
PB164654BS	LCS654	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : CN-11012024 **WorkList ID :** 185026 **Department :** Distillation **Date :** 11-01-2024 12:20:05

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4663-02	TENNANT-PAD-2-3-STOCKPIL	Solid	Cyanide	Cool 4 deg C	UNIO02	K41	10/31/2024	9012B
P4663-04	RES-BUILDING-PAD-NO-11	Solid	Cyanide	Cool 4 deg C	UNIO02	K41	10/31/2024	9012B
P4663-06	RES-BUILDING-PAD-NO-3	Solid	Cyanide	Cool 4 deg C	UNIO02	K41	10/31/2024	9012B
P4663-08	RES-BUILDING-PAD-NO-2	Solid	Cyanide	Cool 4 deg C	UNIO02	K41	10/31/2024	9012B

Date/Time 11.01.2024, 12:30
Raw Sample Received by: NF(WC)
Raw Sample Relinquished by: RM SM

Date/Time 11.01.2024, 15:00
Raw Sample Received by: RM SM
Raw Sample Relinquished by: NF(WC)

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

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB133276

Review By	rubina	Review On	11/4/2024 4:34:49 PM
Supervise By	Iwona	Supervise On	11/4/2024 4:44:32 PM
SubDirectory	LB133276	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	WP110515,WP110380,WP110381,WP108645

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/04/24 14:40		rubina	OK
2	CAL2	CAL2	CAL	11/04/24 14:41		rubina	OK
3	CAL3	CAL3	CAL	11/04/24 14:42		rubina	OK
4	CAL4	CAL4	CAL	11/04/24 14:43		rubina	OK
5	CAL5	CAL5	CAL	11/04/24 14:44		rubina	OK
6	CAL6	CAL6	CAL	11/04/24 14:45		rubina	OK
7	CAL7	CAL7	CAL	11/04/24 14:46		rubina	OK
8	ICV	ICV	ICV	11/04/24 14:47		rubina	OK
9	ICB	ICB	ICB	11/04/24 14:48		rubina	OK
10	CCV1	CCV1	CCV	11/04/24 14:49		rubina	OK
11	CCB1	CCB1	CCB	11/04/24 14:50		rubina	OK
12	RL Check	RL Check	SAM	11/04/24 14:51		rubina	OK
13	PB164606BL	PB164606BL	MB	11/04/24 14:52		rubina	OK
14	PB164606BS	PB164606BS	LCS	11/04/24 14:53		rubina	OK
15	P4663-02	TENNANT-PAD-2-3-S	SAM	11/04/24 14:54		rubina	OK
16	P4663-04	RES-BUILDING-PAD-	SAM	11/04/24 14:55		rubina	OK
17	P4663-06	RES-BUILDING-PAD-	SAM	11/04/24 14:56		rubina	OK
18	P4663-08	RES-BUILDING-PAD-	SAM	11/04/24 14:57		rubina	OK

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

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB133276

Review By	rubina	Review On	11/4/2024 4:34:49 PM
Supervise By	Iwona	Supervise On	11/4/2024 4:44:32 PM
SubDirectory	LB133276	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	WP110515,WP110380,WP110381,WP108645

19	P4667-01	BP-F-6	SAM	11/04/24 14:58		rubina	OK
20	P4667-05	BP-F-5	SAM	11/04/24 14:59		rubina	OK
21	P4667-09	BP-F-10	SAM	11/04/24 15:00		rubina	OK
22	P4667-13	BP-F-7	SAM	11/04/24 15:01		rubina	OK
23	CCV2	CCV2	CCV	11/04/24 15:02		rubina	OK
24	CCB2	CCB2	CCB	11/04/24 15:03		rubina	OK
25	P4675-01	COMP-1	SAM	11/04/24 15:04		rubina	OK
26	P4675-02	COMP-2	SAM	11/04/24 15:05		rubina	OK
27	P4675-03	COMP-3	SAM	11/04/24 15:06		rubina	OK
28	P4675-04	COMP-4	SAM	11/04/24 15:07		rubina	OK
29	P4675-05	COMP-5	SAM	11/04/24 15:08		rubina	OK
30	P4675-06	COMP-6	SAM	11/04/24 15:09		rubina	OK
31	P4675-06DUP	COMP-6DUP	DUP	11/04/24 15:10		rubina	OK
32	P4675-06MSPre	COMP-6MS	MS	11/04/24 15:11		rubina	OK
33	P4675-06MS2Ins	COMP-6MS	MS	11/04/24 15:12		rubina	OK
34	P4675-06MS3Post	COMP-6MS	MS	11/04/24 15:13		rubina	OK
35	CCV3	CCV3	CCV	11/04/24 15:14		rubina	OK
36	CCB3	CCB3	CCB	11/04/24 15:15		rubina	OK
37	P4679-01	MH-1	SAM	11/04/24 15:16		rubina	OK
38	P4680-01	BP-F26	SAM	11/04/24 15:17		rubina	OK

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

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB133276

Review By	rubina	Review On	11/4/2024 4:34:49 PM
Supervise By	Iwona	Supervise On	11/4/2024 4:44:32 PM
SubDirectory	LB133276	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	WP110515,WP110380,WP110381,WP108645

39	P4680-05	BP-F25	SAM	11/04/24 15:18		rubina	OK
40	P4682-01	BELL-SHOP-RAGS	SAM	11/04/24 15:19		rubina	OK
41	P4685-01	OK-01-11012024	SAM	11/04/24 15:20		rubina	OK
42	CCV4	CCV4	CCV	11/04/24 15:21		rubina	OK
43	CCB4	CCB4	CCB	11/04/24 15:22		rubina	OK

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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB133277

Review By	Niha	Review On	11/5/2024 9:53:56 AM
Supervise By	Iwona	Supervise On	11/5/2024 10:41:00 AM
SubDirectory	LB133277	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP110521,WP110522,WP110523,WP110524,WP110525,WP110526,WP110527
ICV Standard	W3011
CCV Standard	WP110522
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP109549
Chk Standard	WP109068,WP110103,WP110528

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/04/24 11:27		Niha	OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/04/24 11:27		Niha	OK
3	10PPBCN	10PPBCN	CAL3	11/04/24 11:27		Niha	OK
4	50PPBCN	50PPBCN	CAL4	11/04/24 11:27		Niha	OK
5	100PPBCN	100PPBCN	CAL5	11/04/24 11:27		Niha	OK
6	250PPBCN	250PPBCN	CAL6	11/04/24 11:27		Niha	OK
7	500PPBCN	500PPBCN	CAL7	11/04/24 11:27		Niha	OK
8	ICV1	ICV1	ICV	11/04/24 12:01		Niha	OK
9	ICB1	ICB1	ICB	11/04/24 12:01		Niha	OK
10	CCV1	CCV1	CCV	11/04/24 12:01		Niha	OK
11	CCB1	CCB1	CCB	11/04/24 12:01		Niha	OK
12	PB164654BS	PB164654BS	LCS	11/04/24 12:09		Niha	OK
13	LOWPB164654	LOWPB164654	SAM	11/04/24 12:09		Niha	OK
14	HIGHPB164654	HIGHPB164654	SAM	11/04/24 12:09		Niha	OK
15	P4663-02	TENNANT-PAD-2-3-S	SAM	11/04/24 12:09		Niha	OK
16	P4663-02DUP	TENNANT-PAD-2-3-S	DUP	11/04/24 12:09		Niha	OK
17	P4663-02MS	TENNANT-PAD-2-3-S	MS	11/04/24 12:09		Niha	OK
18	P4663-02MSD	TENNANT-PAD-2-3-S	MSD	11/04/24 12:09		Niha	OK

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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB133277

Review By	Niha	Review On	11/5/2024 9:53:56 AM
Supervise By	Iwona	Supervise On	11/5/2024 10:41:00 AM
SubDirectory	LB133277	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP110521,WP110522,WP110523,WP110524,WP110525,WP110526,WP110527
ICV Standard	W3011
CCV Standard	WP110522
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP109549
Chk Standard	WP109068,WP110103,WP110528

19	P4663-04	RES-BUILDING-PAD-	SAM	11/04/24 12:09		Niha	OK
20	P4663-06	RES-BUILDING-PAD-	SAM	11/04/24 12:09		Niha	OK
21	CCV2	CCV2	CCV	11/04/24 12:14		Niha	OK
22	CCB2	CCB2	CCB	11/04/24 12:14		Niha	OK
23	P4663-08	RES-BUILDING-PAD-	SAM	11/04/24 12:14		Niha	OK
24	PB164654BL	PB164654BL	MB	11/04/24 12:17		Niha	OK
25	CCV3	CCV3	CCV	11/04/24 12:20		Niha	OK
26	CCB3	CCB3	CCB	11/04/24 12:20		Niha	OK

PERCENT SOLID

Supervisor: jignesh
Analyst: Iwona
Date: 11/4/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 15:15
In Date: 11/01/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 11/02/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133250

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4647-01	01A-01B-01C	1	1.00	1.00	2.00	2.00	100.0	caluk
P4658-01	B-131-1-SB02	2	1.16	8.56	9.72	5.57	51.5	
P4658-02	B-131-2-SB02	3	1.15	8.63	9.78	5.91	55.2	
P4658-03	B-131-3-SB02	4	1.14	8.37	9.51	5.83	56.0	
P4659-02	MH-2-EPH	5	1.14	8.59	9.73	8.7	88.0	
P4659-03	MH-2-VOC	6	1.16	8.70	9.86	8.83	88.2	
P4660-02	WC-TA2-01-C	7	1.13	8.76	9.89	8.92	88.9	
P4660-06	WC-WOOD-01-C	8	1.00	1.00	2.00	2.00	100.0	wood chips
P4660-10	WC-CONCRETE-01-C	9	1.14	8.55	9.69	9.03	92.3	
P4660-12	WC-CONCRETE-01-C	10	1.14	8.54	9.68	9.06	92.7	
P4661-01	102824-A	11	1.00	1.00	2.00	2.00	100.0	wipe sample
P4661-02	102824-B	12	1.00	1.00	2.00	2.00	100.0	wipe sample
P4662-01	102524-DRIP-A	13	1.00	1.00	2.00	2.00	100.0	wipe sample
P4662-02	102524-B	14	1.00	1.00	2.00	2.00	100.0	wipe sample
P4662-03	102524-C	15	1.00	1.00	2.00	2.00	100.0	wipe sample
P4663-01	TENNANT-PAD-2-3-STOCKPILE	16	1.14	8.75	9.89	9.1	91.0	
P4663-02	TENNANT-PAD-2-3-STOCKPILE	17	1.16	8.75	9.91	9.11	90.9	
P4663-03	RES-BUILDING-PAD-NO-11	18	1.16	8.74	9.9	9.19	91.9	
P4663-04	RES-BUILDING-PAD-NO-11	19	1.16	8.67	9.83	9.11	91.7	
P4663-05	RES-BUILDING-PAD-NO-3	20	1.15	8.61	9.76	8.94	90.5	
P4663-06	RES-BUILDING-PAD-NO-3	21	1.16	8.64	9.8	9.04	91.2	
P4663-07	RES-BUILDING-PAD-NO-2	22	1.16	8.46	9.62	8.41	85.7	
P4663-08	RES-BUILDING-PAD-NO-2	23	1.17	8.78	9.95	9.19	91.3	
P4667-01	BP-F-6	24	1.16	8.42	9.58	8.66	89.1	
P4667-02	BP-F-6-EPH	25	1.18	8.51	9.69	8.7	88.4	
P4667-03	BP-F-6-VOC	26	1.19	8.65	9.84	8.88	88.9	
P4667-05	BP-F-5	27	1.16	8.51	9.67	8.76	89.3	

PERCENT SOLID

Supervisor: jignesh
Analyst: Iwona
Date: 11/4/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 15:15
In Date: 11/01/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 11/02/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133250

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4667-06	BP-F-5-EPH	28	1.16	8.52	9.68	8.76	89.2	
P4667-07	BP-F-5-VOC	29	1.17	8.64	9.81	8.79	88.2	
P4667-09	BP-F-10	30	1.17	8.78	9.95	8.98	89.0	
P4667-10	BP-F-10-EPH	31	1.17	8.54	9.71	8.84	89.8	
P4667-11	BP-F-10-VOC	32	1.16	8.81	9.97	9.06	89.7	
P4667-13	BP-F-7	33	1.16	8.71	9.87	8.91	89.0	
P4667-14	BP-F-7-EPH	34	1.17	8.44	9.61	8.57	87.7	
P4667-15	BP-F-7-VOC	35	1.18	8.42	9.6	8.72	89.5	
P4672-01	TAPLPR-SED06-103024-00-T2	36	1.19	8.65	9.84	7.71	75.4	
P4672-02	TAPLPR-SED07-103024-00-T2	37	1.19	8.47	9.66	8.48	86.1	
P4672-03	TAPLPR-SED03-103024-00-T2	38	1.19	8.68	9.87	8.31	82.0	
P4672-04	TAPLPR-SED04-103024-00-T2	39	1.19	8.77	9.96	8.77	86.4	
P4672-05	TAPLPR-SED05-103024-00-T2	40	1.18	8.62	9.8	8.41	83.9	
P4675-01	COMP-1	41	1.18	8.56	9.74	7.85	77.9	
P4675-02	COMP-2	42	1.19	8.48	9.67	8.46	85.7	
P4675-03	COMP-3	43	1.19	8.78	9.97	8.99	88.8	
P4675-04	COMP-4	44	1.18	8.71	9.89	8.4	82.9	
P4675-05	COMP-5	45	1.17	8.54	9.71	8.18	82.1	
P4675-06	COMP-6	46	1.17	8.70	9.87	8.24	81.3	
P4677-01	2410-6346	47	1.00	1.00	2.00	2.00	100.0	PAINT CHIPS
P4679-01	MH-1	48	1.18	8.80	9.98	8.98	88.6	
P4679-02	MH-1-EPH	49	1.19	8.58	9.77	8.65	86.9	
P4679-03	MH-1-VOC	50	1.19	8.62	9.81	8.72	87.4	
P4680-01	BP-F26	51	1.18	8.80	9.98	9.08	89.8	
P4680-02	BP-F26-EPH	52	1.18	8.44	9.62	8.71	89.2	
P4680-03	BP-F26-VOC	53	1.19	8.50	9.69	8.75	88.9	

PERCENT SOLID

Supervisor: jignesh
Analyst: Iwona
Date: 11/4/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 15:15
In Date: 11/01/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 11/02/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133250

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4680-05	BP-F25	54	1.18	8.69	9.87	8.9	88.8	
P4680-06	BP-F25-EPH	55	1.19	8.79	9.98	8.91	87.8	
P4680-07	BP-F25-VOC	56	1.18	8.60	9.78	8.86	89.3	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

LB 183250

WorkList Name : %solid-110124 **WorkList ID :** 185025 **Department :** Wet-Chemistry **Date :** 11-01-2024 12:08:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4647-01	01A-01B-01C	Solid	Percent Solids	Cool 4 deg C	BSIG01	K61	10/31/2024	Chemtech -SO
P4658-01	B-131-1-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	K61	10/31/2024	Chemtech -SO
P4658-02	B-131-2-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	K61	10/31/2024	Chemtech -SO
P4658-03	B-131-3-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	K61	10/31/2024	Chemtech -SO
P4659-02	MH-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/31/2024	Chemtech -SO
P4659-03	MH-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/31/2024	Chemtech -SO
P4660-02	WC-TA2-01-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	K41	10/30/2024	Chemtech -SO
P4660-06	WC-WOOD-01-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	K41	10/31/2024	Chemtech -SO
P4660-10	WC-CONCRETE-01-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	K41	10/31/2024	Chemtech -SO
P4660-12	WC-CONCRETE-01-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	K41	10/31/2024	Chemtech -SO
P4661-01	102824-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/31/2024	Chemtech -SO
P4661-02	102824-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/31/2024	Chemtech -SO
P4662-01	102524-DRIP-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/31/2024	Chemtech -SO
P4662-02	102524-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/31/2024	Chemtech -SO
P4662-03	102524-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/31/2024	Chemtech -SO
P4663-01	TENNANT-PAD-2-3-STOCKPIL	Solid	Percent Solids	Cool 4 deg C	UNIO02	K41	10/31/2024	Chemtech -SO
P4663-02	TENNANT-PAD-2-3-STOCKPIL	Solid	Percent Solids	Cool 4 deg C	UNIO02	K41	10/31/2024	Chemtech -SO
P4663-03	RES-BUILDING-PAD-NO-11	Solid	Percent Solids	Cool 4 deg C	UNIO02	K41	10/31/2024	Chemtech -SO
P4663-04	RES-BUILDING-PAD-NO-11	Solid	Percent Solids	Cool 4 deg C	UNIO02	K41	10/31/2024	Chemtech -SO
P4663-05	RES-BUILDING-PAD-NO-3	Solid	Percent Solids	Cool 4 deg C	UNIO02	K41	10/31/2024	Chemtech -SO
P4663-06	RES-BUILDING-PAD-NO-3	Solid	Percent Solids	Cool 4 deg C	UNIO02	K41	10/31/2024	Chemtech -SO

Date/Time 11/01/24 15:20

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 11/01/24 17:20

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %solid-110124 **WorkList ID :** 185025 **Department :** Wet-Chemistry **Date :** 11-01-2024 12:08:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4663-07	RES-BUILDING-PAD-NO-2	Solid	Percent Solids	Cool 4 deg C	UNIO02	K41	10/31/2024	Chemtech -SO
P4663-08	RES-BUILDING-PAD-NO-2	Solid	Percent Solids	Cool 4 deg C	UNIO02	K41	10/31/2024	Chemtech -SO
P4667-01	BP-F-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/31/2024	Chemtech -SO
P4667-02	BP-F-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/31/2024	Chemtech -SO
P4667-03	BP-F-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/31/2024	Chemtech -SO
P4667-05	BP-F-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/31/2024	Chemtech -SO
P4667-06	BP-F-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/31/2024	Chemtech -SO
P4667-07	BP-F-5-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/31/2024	Chemtech -SO
P4667-09	BP-F-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/31/2024	Chemtech -SO
P4667-10	BP-F-10-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/31/2024	Chemtech -SO
P4667-11	BP-F-10-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/31/2024	Chemtech -SO
P4667-13	BP-F-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/31/2024	Chemtech -SO
P4667-14	BP-F-7-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/31/2024	Chemtech -SO
P4667-15	BP-F-7-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/31/2024	Chemtech -SO
P4672-01	TAPLPR-SED06-103024-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K41	10/30/2024	Chemtech -SO
P4672-02	TAPLPR-SED07-103024-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K41	10/30/2024	Chemtech -SO
P4672-03	TAPLPR-SED03-103024-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K41	10/30/2024	Chemtech -SO
P4672-04	TAPLPR-SED04-103024-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K41	10/30/2024	Chemtech -SO
P4672-05	TAPLPR-SED05-103024-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K41	10/30/2024	Chemtech -SO
P4675-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	K41	10/31/2024	Chemtech -SO
P4675-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	K41	10/31/2024	Chemtech -SO

Date/Time 11/01/2024 ~~14:00~~ 15:30

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 11/01/2024 ~~15:30~~ 17:20

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %solid-110124 **WorkList ID :** 185025 **Department :** Wet-Chemistry **Date :** 11-01-2024 12:08:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4675-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	K41	10/31/2024	Chemtech -SO
P4675-04	COMP-4	Solid	Percent Solids	Cool 4 deg C	POWE02	K41	10/31/2024	Chemtech -SO
P4675-05	COMP-5	Solid	Percent Solids	Cool 4 deg C	POWE02	K41	10/31/2024	Chemtech -SO
P4675-06	COMP-6	Solid	Percent Solids	Cool 4 deg C	POWE02	K41	10/31/2024	Chemtech -SO
P4677-01	2410-6346	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	11/01/2024	Chemtech -SO
P4679-01	MH-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	11/01/2024	Chemtech -SO
P4679-02	MH-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	11/01/2024	Chemtech -SO
P4679-03	MH-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	11/01/2024	Chemtech -SO
P4680-01	BP-F26	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	11/01/2024	Chemtech -SO
P4680-02	BP-F26-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	11/01/2024	Chemtech -SO
P4680-03	BP-F26-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	11/01/2024	Chemtech -SO
P4680-05	BP-F25	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	11/01/2024	Chemtech -SO
P4680-06	BP-F25-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	11/01/2024	Chemtech -SO
P4680-07	BP-F25-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	11/01/2024	Chemtech -SO

Date/Time 11/01/24 15:30

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

17:30

Date/Time 11/01/24 ~~15:30~~

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO. QUOTE NO. P4663
COC Number 2042152

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Union Paving & Construction Co
ADDRESS: 891 RT 10 E
CITY Whippany STATE: NJ ZIP:
ATTENTION: Gregory B
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME:
PROJECT NO.: LOCATION:
PROJECT MANAGER: Gregory B
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1 Clean fill VOCs 2 3 4 5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (E)	PRESERVATIVES 2 (E)	3	4	5	6	7	8	9	COMMENTS
1.	Tennant Pad 2/3 stockpile	SOL	X		103124	1245	4	X									
2.	Tennant Pad 2/3 stock pile			X		1250	4		X								0.0 ppm
3.	Res Building Pad No. 11		X			1300	4	X									
4.	Res Building Pad No. 11			X		1304	4		X								0.0 ppm
5.	Res Building Pad No. 3		X			1320	4	X									
6.	Res Building Pad No. 3			X		1326	4		X								0.0 ppm
7.	Res Building Pad No. 2		X			1335	4	X									
8.	Res Building Pad No. 2			X		1339	4		X								0.0 ppm
9.																	
10.																	

Specify Preservatives: A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	10-31-24 1355	1.
2.		2.
3.	10-31-24 1645	3.

Conditions of bottles or coolers at receipt: ✓ COMPLIANT ❑ NON COMPLIANT ✓ COOLER TEMP 2.3 °C
Comments: PID Calibration 10-31-24

Page 1 of 1

CLIENT: ❑ Hand Delivered ❑ Other _____
CHEMTECH: ❑ Picked Up ✓ Field Sampling

Shipment Complete ✓ YES ❑ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH
Environmental Laboratory
www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: Union Paving & Construction Co
Service Order #:
Work Order #:
Labor WBS #:
Facility/Site:
Site Address: 891 RT 10 E Whippany, NJ

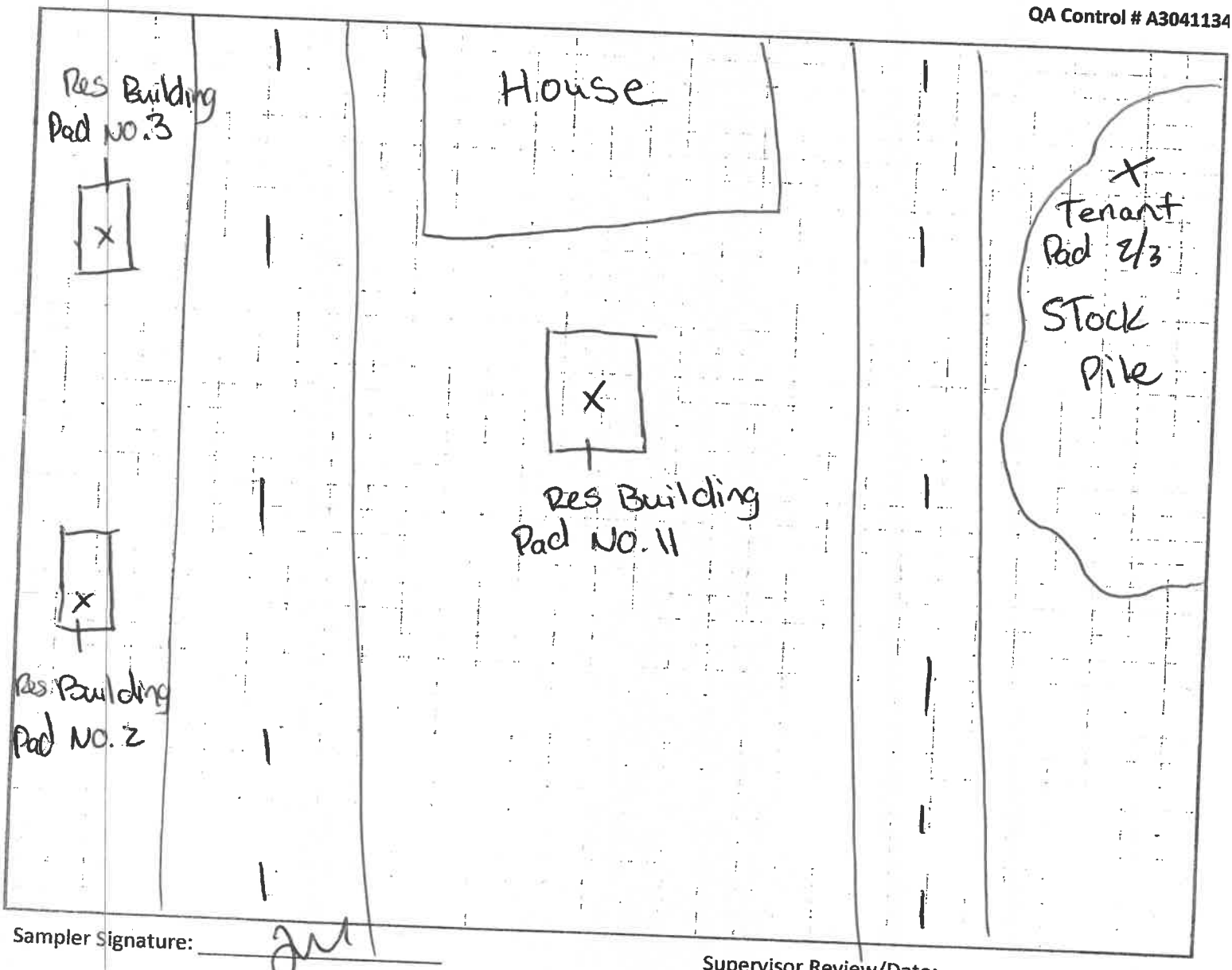
Chemtech Order ID:
Sampler Name: Jeremy M
Client Project Coordinator & Phone: Gregory B
Page #: 1 of 1
Date: 10-31-24
Arrive Time: 1230
Depart Time: 1355

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank
Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths: 1 foot - 2 feet
Dimensions/CY: N/A
Temp (range): 2.3 °C
PID Readings (range): PPM
Odor: Y (N)
Color: Y (N)
Sample Description: Brown Rocky Soil.
Field Observations: 4 Spots, (1) Excavation Stockpile (3) Test pits.

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: JM
Client Signature:
Supervisor Review/Date:
Date/Time Arrived at Lab:

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

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

Alliance TECHNICAL GROUP

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4663 UNIO02
Client Name : Union Paving & Constructi
Client Contact : Gregory Butler
Invoice Name : Union Paving & Constructi
Invoice Contact : Gregory Butler

Order Date : 10/31/2024 3:05:00 PM
Project Name : Rt. 10 Whippany
Receive DateTime : 10/31/2024 ~~12:00:00 AM~~ 16:45
Purchase Order :

Project Mgr :
Report Type : Level 3
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4663-01	TENNANT-PAD-2-3-STOCKPILE	Solid	10/31/2024	12:45					
					VOCMS Group1		8260D		3 Bus. Days
P4663-03	RES-BUILDING-PAD-NO-11	Solid	10/31/2024	13:00					
					VOCMS Group1		8260D		3 Bus. Days
P4663-05	RES-BUILDING-PAD-NO-3	Solid	10/31/2024	13:20					
					VOCMS Group1		8260D		3 Bus. Days
P4663-07	RES-BUILDING-PAD-NO-2	Solid	10/31/2024	13:35					
					VOCMS Group1		8260D		3 Bus. Days

Relinguished By :
Date / Time : 10-31-24 1710

Left inside SM fridge

Received By :
Date / Time : 11/01/24 12:00

Storage Area : VOA Refridgerator Room