

DATA REPORTING QUALIFIERS- INORGANIC

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

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

LAB CHRONICLE

OrderID:	P5329	OrderDate:	12/18/2024 12:12:00 PM
Client:	Willeys Point Asphalt Corporation	Project:	SPDES
Contact:	Dean Devoe	Location:	L51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5329-01	001A(JUL-DEC)	WATER			12/17/24 13:30			12/18/24
			TSS	SM2540 D			12/19/24 09:15	
P5329-02	002A(JUL-DEC)	WATER			12/17/24 13:30			12/18/24
			TSS	SM2540 D			12/19/24 09:15	



SAMPLE DATA

Report of Analysis

Client:	Willets Point Asphalt Corporation	Date Collected:	12/17/24 13:30
Project:	SPDES	Date Received:	12/18/24
Client Sample ID:	001A(JUL-DEC)	SDG No.:	P5329
Lab Sample ID:	P5329-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	222		1	1.00	4.00	mg/L		12/19/24 09:15	SM 2540 D-15

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Willets Point Asphalt Corporation	Date Collected:	12/17/24 13:30
Project:	SPDES	Date Received:	12/18/24
Client Sample ID:	002A(JUL-DEC)	SDG No.:	P5329
Lab Sample ID:	P5329-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	201		1	1.00	4.00	mg/L		12/19/24 09:15	SM 2540 D-15

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits



QC RESULT SUMMARY

Preparation Blank Summary

Client: Willets Point Asphalt Corporation

SDG No.: P5329

Project: SPDES

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB134009BL						
TSS	mg/L	< 2.0000	2.0000	U	1	4	12/19/2024

Duplicate Sample Summary

Client:	Willets Point Asphalt Corporation	SDG No.:	P5329
Project:	SPDES	Sample ID:	P5320-02
Client ID:	COMPDUP	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	368		371		1	0.81		12/19/2024

Laboratory Control Sample Summary

Client: Willets Point Asphalt Corporation

SDG No.: P5329

Project: SPDES

Run No.: LB134009

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134009BS							
TSS	mg/L	550	594		108	1	90-110	12/19/2024



RAW DATA

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: Niha

Date: 12/18/2024

Run Number: LB134009

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 103 °C 12/18/2024 14:00 TEMP1 OUT: 104 °C 12/18/2024 15:00
 TEMP2 IN: 103 °C 12/18/2024 15:30 TEMP2 OUT: 104 °C 12/18/2024 16:30
 TEMP3 IN: 103 °C 12/19/2024 09:15 TEMP3 OUT: 103 °C 12/19/2024 10:45
 TEMP4 IN: 104 °C 12/19/2024 11:15 TEMP4 OUT: 103 °C 12/19/2024 12:45

Dish #	Lab ID	Client ID	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Sample Volume (ml)	1st Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	2nd Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Final Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Weight (g)	Result mg/L
1	LB134009BL	LB134009BL	1.4032	1.4032	100	1.4032	1.4032	1.4032	0.0000	0
2	LB134009BS	LB134009BS	1.3956	1.3956	100	1.4550	1.4550	1.4550	0.0594	594
3	P5320-02	COMP	1.3576	1.3576	100	1.3944	1.3944	1.3944	0.0368	368
4	P5320-02DUP	COMPDUP	1.3821	1.3821	100	1.4192	1.4192	1.4192	0.0371	371
5	P5328-01	001-WILLETTS-PT-BLVD (DEC)	1.3672	1.3672	100	1.3895	1.3895	1.3895	0.0223	223
6	P5328-02	002-35TH-AVE (DEC)	1.4845	1.4845	100	1.5045	1.5045	1.5045	0.0200	200
7	P5329-01	001A (JUL-DEC)	1.4686	1.4686	100	1.4908	1.4908	1.4908	0.0222	222
8	P5329-02	002A (JUL-DEC)	1.4010	1.4010	100	1.4211	1.4211	1.4211	0.0201	201
9	P5340-01	EFFLUENT	1.3633	1.3633	20	1.3840	1.3840	1.3840	0.0207	1035
10	P5340-04	AERATION TK 1	1.4066	1.4066	20	1.4250	1.4250	1.4250	0.0184	920

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

Weight (g) = C - B

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

LB 134009

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TSS-12192024		WorkList ID : 186469		Department : Wet-Chemistry		Date : 12-19-2024 08:30:16	
Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date Method
P5320-02	COMP	Water	TSS	Cool 4 deg C	ARAM01	M11	12/18/2024 SM2540 D
P5328-01	001-WILLETS-PT-BLVD(DEC)	Water	TSS	Cool 4 deg C	TULL01	L51	12/17/2024 SM2540 D
P5328-02	002-35TH-AVE(DEC)	Water	TSS	Cool 4 deg C	TULL01	L51	12/17/2024 SM2540 D
P5329-01	001A(JUL-DEC)	Water	TSS	Cool 4 deg C	WILL06	L51	12/17/2024 SM2540 D
P5329-02	002A(JUL-DEC)	Water	TSS	Cool 4 deg C	WILL06	L51	12/17/2024 SM2540 D
P5340-01	EFFLUENT	Water	TSS	Cool 4 deg C	HOLL01	M11	12/18/2024 SM2540 D
P5340-04	AERATION TK 1	Water	TSS	Cool 4 deg C	HOLL01	M11	12/18/2024 SM2540 D

Date/Time 12.19.2024, 08:35
Raw Sample Received by: NFluey
Raw Sample Relinquished by: RM SM

Date/Time 12.19.2024, 10:00
Raw Sample Received by: RM SM
Raw Sample Relinquished by: NFluey

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB134009

Review By	Niha	Review On	12/19/2024 1:23:34 PM
Supervise By	Iwona	Supervise On	12/19/2024 2:28:17 PM
SubDirectory	LB134009	Test	TSS
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB134009BL	LB134009BL	MB	12/19/24 09:15		Niha	OK
2	LB134009BS	LB134009BS	LCS	12/19/24 09:15		Niha	OK
3	P5320-02	COMP	SAM	12/19/24 09:15		Niha	OK
4	P5320-02DUP	COMPDUP	DUP	12/19/24 09:15		Niha	OK
5	P5328-01	001-WILLETS-PT-BL	SAM	12/19/24 09:15		Niha	OK
6	P5328-02	002-35TH-AVE(DEC)	SAM	12/19/24 09:15		Niha	OK
7	P5329-01	001A(JUL-DEC)	SAM	12/19/24 09:15		Niha	OK
8	P5329-02	002A(JUL-DEC)	SAM	12/19/24 09:15		Niha	OK
9	P5340-01	EFFLUENT	SAM	12/19/24 09:15		Niha	OK
10	P5340-04	AERATION TK 1	SAM	12/19/24 09:15		Niha	OK

Prep Standard - Chemical Standard Summary

Order ID : P5329

Test : TSS

Prepbatch ID :

Sequence ID/Qc Batch ID: LB134009,

Standard ID :

Chemical ID :

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
				/	/	



SHIPPING DOCUMENTS



CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number

P5329

2041226

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: W. J. ...
ADDRESS: 5735 ...
CITY: St. ... STATE: NY ZIP: 11050
ATTENTION: DDP
PHONE: 718 447 0000 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: SPDES 92-02 ...
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

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

ANALYSIS

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	<u>001A 3-1-2001</u>	<u>W</u>		<u>X</u>	<u>12/17/01</u>	<u>130</u>	<u>1</u>	<u>X</u>									
2.	<u>002A 3-1-2001</u>	<u>W</u>		<u>X</u>	<u>12/17/01</u>	<u>130</u>	<u>1</u>	<u>X</u>									
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER: 1. <u>DDP</u>	DATE/TIME: <u>11/12/01</u>	RECEIVED BY: 1. <u></u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.7 - 4.0</u>
RELINQUISHED BY SAMPLER: 2. <u></u>	DATE/TIME: <u>12-18-24</u>	RECEIVED BY: 2. <u></u>	Comments: <u></u>
RELINQUISHED BY SAMPLER: 3. <u></u>	DATE/TIME: <u></u>	RECEIVED BY: 3. <u></u>	Comments: <u></u>

Page of CLIENT: ☐ Hand Delivered ☐ Other
CHEMTECH: ☐ Picked Up ☐ Field Sampling
Shipment Complete ☐ YES ☐ NO



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