

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: Q1011
Client: Willets Point Asphalt Corporation
Contact: Dean Devoe

OrderDate: 1/6/2025 7:41:00 AM
Project: SPDES 2025
Location: M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1011-01	001A (JUL-DEC)	WATER	TSS	SM2540 D	01/03/25 12:00		01/07/25 10:00	01/06/25
Q1011-02	002A (JUL-DEC)	WATER	TSS	SM2540 D	01/03/25 12:00		01/07/25 10:00	01/06/25



SAMPLE DATA

Report of Analysis

Client:	Willets Point Asphalt Corporation	Date Collected:	01/03/25 12:00
Project:	SPDES 2025	Date Received:	01/06/25
Client Sample ID:	001A (JUL-DEC)	SDG No.:	Q1011
Lab Sample ID:	Q1011-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	67.5		1	1.00	4.00	mg/L		01/07/25 10:00	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:	01/03/25 12:00
Project:	SPDES 2025	Date Received:	01/06/25
Client Sample ID:	002A (JUL-DEC)	SDG No.:	Q1011
Lab Sample ID:	Q1011-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	50.0		1	1.00	4.00	mg/L		01/07/25 10:00	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.: Q1011

Project: SPDES 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB134181BL						
TSS	mg/L	< 2.0000	2.0000	U	1	4	01/07/2025

Duplicate Sample Summary

Client: Willets Point Asphalt Corporation	SDG No.: Q1011
Project: SPDES 2025	Sample ID: Q1012-04
Client ID: 002 35TH AVE (DEC)DUP	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	35.5		36.8		1	3.6		01/07/2025

Laboratory Control Sample Summary

Client: Willets Point Asphalt Corporation

SDG No.: Q1011

Project: SPDES 2025

Run No.: LB134181

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134181BS							
TSS	mg/L	550	542		98	1	90-110	01/07/2025



RAW DATA

TOTAL SUSPENDED SOLIDS - SM2540D

TEMP1 IN: 103 °C 01/06/2025 11:00 **TEMP1 OUT:** 104 °C 01/06/2025 12:00
TEMP2 IN: 103 °C 01/06/2025 12:30 **TEMP2 OUT:** 104 °C 01/06/2025 13:30
TEMP3 IN: 103 °C 01/07/2025 10:00 **TEMP3 OUT:** 104 °C 01/07/2025 11:30
TEMP4 IN: 104 °C 01/07/2025 12:00 **TEMP4 OUT:** 104 °C 01/07/2025 13:30

SUPERVISOR: Iwona

ANALYST: Niha

Date: 01/06/2025

Run Number: LB134181

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

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	LB134181BL	LB134181BL	1.4021	1.4021	100	1.4021	1.4021	1.4021	0.0000	0
2	LB134181BS	LB134181BS	1.4525	1.4525	100	1.5067	1.5067	1.5067	0.0542	542
3	Q1011-01	001A (JUL-DEC)	1.4825	1.4825	200	1.4960	1.4960	1.4960	0.0135	67.5
4	Q1011-02	002A (JUL-DEC)	1.3956	1.3956	150	1.4031	1.4031	1.4031	0.0075	50
5	Q1012-01	001 WILLETS PT BLVD (NOV)	1.4901	1.4901	150	1.5003	1.5003	1.5003	0.0102	68
6	Q1012-02	002 35TH AVE (NOV)	1.3599	1.3599	300	1.3696	1.3696	1.3696	0.0097	32.3
7	Q1012-03	001 WILLETS PT BLVD (DEC)	1.4035	1.4035	400	1.4206	1.4206	1.4206	0.0171	42.8
8	Q1012-04	002 35TH AVE (DEC)	1.3656	1.3656	400	1.3798	1.3798	1.3798	0.0142	35.5
9	Q1012-04DUP	002 35TH AVE (DEC) DUP	1.3917	1.3917	400	1.4064	1.4064	1.4064	0.0147	36.8
10	Q1013-01	001 WILLETS PT BLVD (JAN)	1.4930	1.4930	150	1.5107	1.5107	1.5107	0.0177	118
11	Q1013-02	002 35TH AVE (JAN)	1.4901	1.4901	250	1.5026	1.5026	1.5026	0.0125	50

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)

$$\text{Weight (g)} = C - B$$

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

WORKLIST(Hardcopy Internal Chain)

LB134181

WorkList Name : TSS-01062025		WorkList ID : 186772		Department : Wet-Chemistry		Date : 01-06-2025 12:37:39	
Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date Method
Q1011-01	001A (JUL-DEC)	Water	TSS	Cool 4 deg C	WILL06	M11	01/03/2025 SM2540 D
Q1011-02	002A (JUL-DEC)	Water	TSS	Cool 4 deg C	WILL06	M11	01/03/2025 SM2540 D
Q1012-01	001 WILLETS PT BLVD (NOV)	Water	TSS	Cool 4 deg C	TULL01	M11	01/03/2025 SM2540 D
Q1012-02	002 35TH AVE (NOV)	Water	TSS	Cool 4 deg C	TULL01	M11	01/03/2025 SM2540 D
Q1012-03	001 WILLETS PT BLVD (DEC)	Water	TSS	Cool 4 deg C	TULL01	M11	01/03/2025 SM2540 D
Q1012-04	002 35TH AVE (DEC)	Water	TSS	Cool 4 deg C	TULL01	M11	01/03/2025 SM2540 D
Q1013-01	001 WILLETS PT BLVD (JAN)	Water	TSS	Cool 4 deg C	TULL01	M11	01/03/2025 SM2540 D
Q1013-02	002 35TH AVE (JAN)	Water	TSS	Cool 4 deg C	TULL01	M11	01/03/2025 SM2540 D

Date/Time 01.07.2025, 08:50
 Raw Sample Received by: NF(wc)
 Raw Sample Relinquished by: CP Sm

Date/Time 01.07.2025, 11:00
 Raw Sample Received by: CP Sm
 Raw Sample Relinquished by: NF(wc)

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB134181

Review By	Niha	Review On	1/7/2025 1:53:21 PM
Supervise By	Iwona	Supervise On	1/7/2025 1:53:44 PM
SubDirectory	LB134181	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	LB134181BL	LB134181BL	MB	01/07/25 10:00		Niha	OK
2	LB134181BS	LB134181BS	LCS	01/07/25 10:00		Niha	OK
3	Q1011-01	001A (JUL-DEC)	SAM	01/07/25 10:00		Niha	OK
4	Q1011-02	002A (JUL-DEC)	SAM	01/07/25 10:00		Niha	OK
5	Q1012-01	001 WILLETS PT BLV	SAM	01/07/25 10:00		Niha	OK
6	Q1012-02	002 35TH AVE (NOV)	SAM	01/07/25 10:00		Niha	OK
7	Q1012-03	001 WILLETS PT BLV	SAM	01/07/25 10:00		Niha	OK
8	Q1012-04	002 35TH AVE (DEC)	SAM	01/07/25 10:00		Niha	OK
9	Q1012-04DUP	002 35TH AVE (DEC)	DUP	01/07/25 10:00		Niha	OK
10	Q1013-01	001 WILLETS PT BLV	SAM	01/07/25 10:00		Niha	OK
11	Q1013-02	002 35TH AVE (JAN)	SAM	01/07/25 10:00		Niha	OK

Prep Standard - Chemical Standard Summary

Order ID : Q1011

Test : TSS

Prepbatch ID :

Sequence ID/Qc Batch ID: LB134181,

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



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1011

COC Number:

CLIENT INFORMATION

COMPANY: Willets Point Asphalt Corp
ADDRESS: 32-02 College Pt Blvd
CITY: Flushing STATE: NY ZIP: 11354
ATTENTION: D Devoe
PHONE: 718 446 7000 FAX:

PROJECT INFORMATION

PROJECT NAME: SPDES
PROJECT #: LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX: _____ DAYS*
HARD COPY: _____ DAYS*
EDD _____ DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

ANALYSIS

TSS									
1	2	3	4	5	6	7	8	9	

PRESERVATIVES

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles									
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9
1.	001A (Jul - Dec)	W		X	1/3/25	Noon	1	x								
2.	002A (Jul - Dec)	W		X	1/3/25	Noon	1	x								
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

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

RELINQUISHED BY SAMPLER	1/3/25 12 pm	RECEIVED BY	1. <i>[Signature]</i> 1-6-2025	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☒ Cooler Temp <u>1.1°C</u> MeOH extraction requires an additional 4oz. Jar for percent solid Ice in Cooler? <u>yes</u> Comments:
1. D Devoe	DATE/TIME	RECEIVED BY	2. <i>[Signature]</i> 1/3/25	
RELINQUISHED BY	DATE/TIME	RECEIVED BY		
2.				
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY		
3.				

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

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



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