

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:	Q1112	OrderDate:	1/16/2025 12:39:00 PM
Client:	Parkway Generation Operating LLC	Project:	Linden Generating Station - LRSA
Contact:	Guy R. Rivera	Location:	M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1112-01	TOWER-1	WATER			01/16/25 10:10			01/16/25
			TDS	SM2540 C			01/16/25 12:30	
			TSS	SM2540 D			01/17/25 09:45	
Q1112-03	TOWER-2	WATER			01/16/25 10:10			01/16/25
			TDS	SM2540 C			01/16/25 12:30	
			TSS	SM2540 D			01/17/25 09:45	



SAMPLE DATA

Report of Analysis

Client:	Parkway Generation Operating LLC	Date Collected:	01/16/25 10:10
Project:	Linden Generating Station - LRSA	Date Received:	01/16/25
Client Sample ID:	TOWER-1	SDG No.:	Q1112
Lab Sample ID:	Q1112-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TDS	2360		1	1.00	10.0	mg/L		01/16/25 12:30	SM 2540 C-15
TSS	3.10	J	1	1.00	4.00	mg/L		01/17/25 09:45	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:	Parkway Generation Operating LLC	Date Collected:	01/16/25 10:10
Project:	Linden Generating Station - LRSA	Date Received:	01/16/25
Client Sample ID:	TOWER-2	SDG No.:	Q1112
Lab Sample ID:	Q1112-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TDS	2500		1	1.00	10.0	mg/L		01/16/25 12:30	SM 2540 C-15
TSS	2.40	J	1	1.00	4.00	mg/L		01/17/25 09:45	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: Parkway Generation Operating LLC

SDG No.: Q1112

Project: Linden Generating Station - LRSA

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB134313BL							
TDS	mg/L	< 5.0000	5.0000	U	1.0	10	01/16/2025
Sample ID: LB134342BL							
TSS	mg/L	< 2.0000	2.0000	U	1	4	01/17/2025

Duplicate Sample Summary

Client:	Parkway Generation Operating LLC	SDG No.:	Q1112
Project:	Linden Generating Station - LRSA	Sample ID:	Q1111-01
Client ID:	DRAIN WATER TANK-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
TSS	mg/L	+/-5	290		294		1	1.37		01/17/2025

Duplicate Sample Summary

Client:	Parkway Generation Operating LLC	SDG No.:	Q1112
Project:	Linden Generating Station - LRSA	Sample ID:	Q1112-03
Client ID:	TOWER-2DUP	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
TDS	mg/L	+/-5	2500		2540		1	1.75		01/16/2025

Laboratory Control Sample Summary

Client: Parkway Generation Operating LLC

SDG No.: Q1112

Project: Linden Generating Station - LRSA

Run No.: LB134313

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134313BS							
TDS	mg/L	100	95.0		95	1	90-110	01/16/2025

Laboratory Control Sample Summary

Client: Parkway Generation Operating LLC

SDG No.: Q1112

Project: Linden Generating Station - LRSA

Run No.: LB134342

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134342BS							
TSS	mg/L	550	520		94	1	90-110	01/17/2025



RAW DATA

TOTAL Dissolved Solids - SM2540C

Run Number: LB134313

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 01/17/2025

BalanceID: WC SC-5

Filter ID: 17416528

EMPTY DISH				EMPTY DISH				OvenID:	WC OVEN-1	Thermo ID:	WET OVNE#1
TEMP IN:	103 °C	01/16/2025	11:00	TEMP OUT:	103 °C	01/16/2025	12:00				
TEMP1 IN:	103 °C	01/16/2025	12:30	TEMP1 OUT:	103 °C	01/16/2025	13:30	OvenID1:	WC OVEN-1	Thermo ID1:	WET OVEN#1
TEMP2 IN:	104 °C	01/16/2025	17:30	TEMP2 OUT:	103 °C	01/17/2025	08:00	OvenID2:	WC OVEN-2	Thermo ID2:	WET OVEN#2
TEMP3 IN:	180 °C	01/17/2025	08:05	TEMP3 OUT:	180 °C	01/17/2025	09:37	OvenID3:	WC OVEN#2	Thermo ID3:	WET OVEN#2

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 @180(±2) °C (g)	2nd Empty Dish+Sample weight after 1.5hr drying @180(±2) °C (g)	Final Empty Dish+Sample weight after 1.5hr drying @180(±2) °C (g)	Weight (g)	Result mg/L
1	LB134313BL	LB134313BL	963.6741	963.6741	100	963.6741	963.6741	963.6741	0.0000	0
2	LB134313BS	LB134313BS	85.0363	85.0363	100	85.0458	85.0458	85.0458	0.0095	95
3	Q1112-01	TOWER-1	106.1315	106.1315	100	106.3679	106.3679	106.3679	0.2364	2364
4	Q1112-03	TOWER-2	91.0435	91.0435	100	91.2932	91.2932	91.2932	0.2497	2497
5	Q1112-03DUP	TOWER-2DUP	110.2088	110.2088	100	110.4629	110.4629	110.4629	0.2541	2541

A = Sample Volume (ml)

B = Empty Dish Weight (g)

C = 2nd Empty Dish + Sample weight after 1.5 hr drying @180(±2) °C(g)

D = Weight (g)

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

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

WORKLIST(Hardcopy Internal Chain)

JB 134313

WorkList Name : tdd q1121 WorkList ID : 186964 Department : Wet-Chemistry Date : 01-16-2025 16:58:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1112-01	A TOWER-1	Water	TDS	Cool 4 deg C	PSEG04	M11	01/16/2025	SM2540 C
Q1112-03	A TOWER-2	Water	TDS	Cool 4 deg C	PSEG04	M11	01/16/2025	SM2540 C

Date/Time 01-16-25 17:00
Raw Sample Received by: JDCS
Raw Sample Relinquished by: JDCS

Date/Time 01-16-25 18:00
Raw Sample Received by: JDCS
Raw Sample Relinquished by: JDCS

TOTAL SUSPENDED SOLIDS - SM2540D

TEMP1 IN: 103 °C 01/17/2025 11:00 **TEMP1 OUT:** 104 °C 01/17/2025 12:00
TEMP2 IN: 103 °C 01/17/2025 12:30 **TEMP2 OUT:** 104 °C 01/17/2025 13:30
TEMP3 IN: 103 °C 01/17/2025 09:45 **TEMP3 OUT:** 104 °C 01/20/2025 11:15
TEMP4 IN: 104 °C 01/20/2025 11:45 **TEMP4 OUT:** 103 °C 01/20/2025 13:15

SUPERVISOR: Iwona

ANALYST: Niha

Date: 01/17/2025

Run Number: LB134342

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	LB134342BL	LB134342BL	1.4356	1.4356	100	1.4356	1.4356	1.4356	0.0000	0
2	LB134342BS	LB134342BS	1.4785	1.4785	100	1.5305	1.5305	1.5305	0.0520	520
3	Q1111-01	DRAIN WATER TANK-1	1.4756	1.4756	50	1.4901	1.4901	1.4901	0.0145	290
4	Q1111-01DUP	DRAIN WATER TANK-1DUP	1.4695	1.4695	50	1.4842	1.4842	1.4842	0.0147	294
5	Q1112-01	TOWER-1	1.4679	1.4679	1300	1.4719	1.4719	1.4719	0.0040	3.1
6	Q1112-03	TOWER-2	1.3619	1.3619	2000	1.3666	1.3666	1.3666	0.0047	2.4
7	Q1113-01	DSN002	1.4769	1.4769	1000	1.4912	1.4912	1.4912	0.0143	14.3
8	Q1113-03	DSN001	1.4747	1.4747	1000	1.4921	1.4921	1.4921	0.0174	17.4
9	Q1113-05	DSN003	1.4592	1.4592	1000	1.4651	1.4651	1.4651	0.0059	5.9
10	Q1122-01	RW10A-20250116	1.4954	1.4954	2000	1.5016	1.5016	1.5016	0.0062	3.1

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)

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

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

LB134342

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TSS-01202025

WorkList ID : 187025

Department : Wet-Chemistry

Date : 01-20-2025 08:27:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1111-01	DRAIN WATER TANK-1	Water	TSS	Cool 4 deg C	MAJO01	M11	01/16/2025	SM2540 D
Q1112-01	TOWER-1	Water	TSS	Cool 4 deg C	PSEG04	M11	01/16/2025	SM2540 D
Q1112-03	TOWER-2	Water	TSS	Cool 4 deg C	PSEG04	M11	01/16/2025	SM2540 D
Q1113-01	DSN002	Water	TSS	Cool 4 deg C	PSEG04	M11	01/16/2025	SM2540 D
Q1113-03	DSN001	Water	TSS	Cool 4 deg C	PSEG04	M11	01/16/2025	SM2540 D
Q1113-05	DSN003	Water	TSS	Cool 4 deg C	PSEG04	M11	01/16/2025	SM2540 D
Q1122-01	RW10A-20250116	Water	TSS	Cool 4 deg C	TETR06	E11	01/16/2025	SM2540 D

Date/Time 01.20.2025, 08:30

Raw Sample Received by: NFWC

Raw Sample Relinquished by: NFWC

Date/Time

01.20.2025, 10:00

Raw Sample Received by: NFWC

Raw Sample Relinquished by: NFWC

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB134313

Review By	jignesh	Review On	1/17/2025 11:27:45 AM
Supervise By	Iwona	Supervise On	1/17/2025 11:39:05 AM
SubDirectory	LB134313	Test	TDS
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	LB134313BL	LB134313BL	MB	01/16/25 12:30		jignesh	OK
2	LB134313BS	LB134313BS	LCS	01/16/25 12:30		jignesh	OK
3	Q1112-01	TOWER-1	SAM	01/16/25 12:30		jignesh	OK
4	Q1112-03	TOWER-2	SAM	01/16/25 12:30		jignesh	OK
5	Q1112-03DUP	TOWER-2DUP	DUP	01/16/25 12:30		jignesh	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB134342

Review By	Niha	Review On	1/20/2025 2:26:00 PM
Supervise By	Iwona	Supervise On	1/20/2025 2:31:48 PM
SubDirectory	LB134342	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	LB134342BL	LB134342BL	MB	01/17/25 09:45		Niha	OK
2	LB134342BS	LB134342BS	LCS	01/17/25 09:45		Niha	OK
3	Q1111-01	DRAIN WATER TANK	SAM	01/17/25 09:45		Niha	OK
4	Q1111-01DUP	DRAIN WATER TANK	DUP	01/17/25 09:45		Niha	OK
5	Q1112-01	TOWER-1	SAM	01/17/25 09:45		Niha	OK
6	Q1112-03	TOWER-2	SAM	01/17/25 09:45		Niha	OK
7	Q1113-01	DSN002	SAM	01/17/25 09:45		Niha	OK
8	Q1113-03	DSN001	SAM	01/17/25 09:45		Niha	OK
9	Q1113-05	DSN003	SAM	01/17/25 09:45		Niha	OK
10	Q1122-01	RW10A-20250116	SAM	01/17/25 09:45		Niha	OK

Prep Standard - Chemical Standard Summary

Order ID : Q1112

Test : TDS,TSS

Prepbatch ID :

Sequence ID/Qc Batch ID: LB134313, LB134342,

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

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Alliance Technical Group, LLC-Newark

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

FIELD SAMPLING LOG

Client Name: Parkway Generating Operating

Project Name: Linden Generating Station - CESA

Client Address: 4001 South Woods Ave

Project Location: Linden, N.J.

Client Rep on Site: Cuy R. Rivera

Cooler Custody Seal: N/A

Sampling Date: 1.16.2025

Temperature Correction Factor (°C): +3

Arrival Time: 0840 Departure Time: 12:00pm

FIELD EQUIPMENT CALIBRATION

pH Calibration (SM4500-H B/9040C)				
Calibration				ICV (± 0.1 pH unit)
	7.00 Buffer	4.00 Buffer	10.00 Buffer	7.00 Buffer
	W 3071	W 3107	W 3094	W 3093
Time	0854	0856	0858	0900
Temp °C	17.91°	17.93°	17.92°	17.95°
pH	7.00	4.00	10.00	7.00

FIELD EQUIPMENT CALIBRATION

Specific Conductance (mS/cm) (99% -101%)/(mmho/cm) (SM2510 B/120.1/9050A)		
Calibration (± 1%) (99% -101%)		ICV (± 1%) (99% -101%)
	WP	WP
Time		
Temp °C		
Reading (mS/cm)		

Sampler Signature/Date: [Signature] 1.16.2025

Supervisor Review/Date: [Signature] 1-16-25

Alliance Technical Group, LLC-Newark

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

FIELD SAMPLING LOG

Client Name: Perkwozy Generation Operating

Client Address: 4601 South Wood Ave

Client Rep on Site: Cou R. Rivera

Sampling Date: 1.16.2025

Arrival Time: 0840 Departure Time: 12:00 pm

Project Name: Linden Generating Station-GRSA

Project Location: Linden, N.C.

Cooler Custody Seal: N/A

Temperature Correction Factor ($^{\circ}\text{C}$): +3

FIELD SAMPLING INFORMATION

[illegible]

Meter: YSI MPS, Model # 556, Serial # 085A0063

Sampler Signature/Date:  1.16.2025

Supervisor Review/Date: AN 1-16-25



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