



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q2474

Order ID: Q2474

Client: Parkway Generation Operating LLC

Project ID: Fo Tank

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : FO-1								
Q2474-01	FO-1	TCLP	Barium	1910		72.8	500	ug/L
Q2474-01	FO-1	TCLP	Cadmium	50.4		2.50	30.0	ug/L
Q2474-01	FO-1	TCLP	Chromium	5690		10.6	50.0	ug/L
Q2474-01	FO-1	TCLP	Lead	222		11.5	60.0	ug/L
Q2474-01	FO-1	TCLP	Mercury	2.16		0.76	2.00	ug/L



SAMPLE DATA

Report of Analysis

Client:	Parkway Generation Operating LLC	Date Collected:	06/30/25
Project:	Fo Tank	Date Received:	07/01/25
Client Sample ID:	FO-1	SDG No.:	Q2474
Lab Sample ID:	Q2474-01	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	25.6	U	1	25.6	100	ug/L	07/03/25 12:30	07/07/25 15:12	6010D	SW3050
7440-39-3	Barium	1910		1	72.8	500	ug/L	07/03/25 12:30	07/07/25 15:12	6010D	SW3050
7440-43-9	Cadmium	50.4		1	2.50	30.0	ug/L	07/03/25 12:30	07/07/25 15:12	6010D	SW3050
7440-47-3	Chromium	5690		1	10.6	50.0	ug/L	07/03/25 12:30	07/07/25 15:12	6010D	SW3050
7439-92-1	Lead	222		1	11.5	60.0	ug/L	07/03/25 12:30	07/07/25 15:12	6010D	SW3050
7439-97-6	Mercury	2.16		1	0.76	2.00	ug/L	07/07/25 13:00	07/08/25 09:42	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	07/03/25 12:30	07/07/25 15:12	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	07/03/25 12:30	07/07/25 15:12	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP Mercury			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits



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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB19	Mercury	0.076	+/-0.2	U	0.20	CV	07/08/2025	09:04	LB136391

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB61	Mercury	0.076	+/-0.2	U	0.20	CV	07/08/2025	09:12	LB136391
CCB62	Mercury	0.076	+/-0.2	U	0.20	CV	07/08/2025	09:50	LB136391
CCB63	Mercury	0.076	+/-0.2	U	0.20	CV	07/08/2025	10:26	LB136391
CCB64	Mercury	0.076	+/-0.2	U	0.20	CV	07/08/2025	10:56	LB136391
CCB65	Mercury	0.076	+/-0.2	U	0.20	CV	07/08/2025	11:17	LB136391

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	20.0	P	07/07/2025	13:45	LB136390
	Barium	14.6	+/-50	U	100	P	07/07/2025	13:45	LB136390
	Cadmium	0.50	+/-3	U	6.00	P	07/07/2025	13:45	LB136390
	Chromium	2.12	+/-5	U	10.0	P	07/07/2025	13:45	LB136390
	Lead	2.30	+/-6	U	12.0	P	07/07/2025	13:45	LB136390
	Selenium	9.64	+/-10	U	20.0	P	07/07/2025	13:45	LB136390
	Silver	1.62	+/-5	U	10.0	P	07/07/2025	13:45	LB136390

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	20.0	P	07/07/2025	14:42	LB136390
	Barium	14.6	+/-50	U	100	P	07/07/2025	14:42	LB136390
	Cadmium	0.50	+/-3	U	6.00	P	07/07/2025	14:42	LB136390
	Chromium	2.12	+/-5	U	10.0	P	07/07/2025	14:42	LB136390
	Lead	2.30	+/-6	U	12.0	P	07/07/2025	14:42	LB136390
	Selenium	9.64	+/-10	U	20.0	P	07/07/2025	14:42	LB136390
	Silver	1.62	+/-5	U	10.0	P	07/07/2025	14:42	LB136390
CCB02	Arsenic	5.12	+/-10	U	20.0	P	07/07/2025	15:34	LB136390
	Barium	14.6	+/-50	U	100	P	07/07/2025	15:34	LB136390
	Cadmium	0.50	+/-3	U	6.00	P	07/07/2025	15:34	LB136390
	Chromium	2.12	+/-5	U	10.0	P	07/07/2025	15:34	LB136390
	Lead	2.30	+/-6	U	12.0	P	07/07/2025	15:34	LB136390
	Selenium	9.64	+/-10	U	20.0	P	07/07/2025	15:34	LB136390
	Silver	1.62	+/-5	U	10.0	P	07/07/2025	15:34	LB136390
CCB03	Arsenic	5.12	+/-10	U	20.0	P	07/07/2025	16:37	LB136390
	Barium	14.6	+/-50	U	100	P	07/07/2025	16:37	LB136390
	Cadmium	0.50	+/-3	U	6.00	P	07/07/2025	16:37	LB136390
	Chromium	2.12	+/-5	U	10.0	P	07/07/2025	16:37	LB136390
	Lead	2.30	+/-6	U	12.0	P	07/07/2025	16:37	LB136390
	Selenium	9.64	+/-10	U	20.0	P	07/07/2025	16:37	LB136390
	Silver	1.62	+/-5	U	10.0	P	07/07/2025	16:37	LB136390
CCB04	Arsenic	5.12	+/-10	U	20.0	P	07/07/2025	17:35	LB136390
	Barium	14.6	+/-50	U	100	P	07/07/2025	17:35	LB136390
	Cadmium	0.50	+/-3	U	6.00	P	07/07/2025	17:35	LB136390
	Chromium	2.12	+/-5	U	10.0	P	07/07/2025	17:35	LB136390
	Lead	2.30	+/-6	U	12.0	P	07/07/2025	17:35	LB136390
	Selenium	9.64	+/-10	U	20.0	P	07/07/2025	17:35	LB136390
	Silver	1.62	+/-5	U	10.0	P	07/07/2025	17:35	LB136390
CCB05	Arsenic	5.12	+/-10	U	20.0	P	07/08/2025	01:47	LB136390
	Barium	14.6	+/-50	U	100	P	07/08/2025	01:47	LB136390
	Cadmium	0.50	+/-3	U	6.00	P	07/08/2025	01:47	LB136390
	Chromium	2.12	+/-5	U	10.0	P	07/08/2025	01:47	LB136390
	Lead	2.30	+/-6	U	12.0	P	07/08/2025	01:47	LB136390
	Selenium	9.64	+/-10	U	20.0	P	07/08/2025	01:47	LB136390
	Silver	1.62	+/-5	U	10.0	P	07/08/2025	01:47	LB136390
CCB06	Arsenic	5.12	+/-10	U	20.0	P	07/08/2025	02:53	LB136390
	Barium	14.6	+/-50	U	100	P	07/08/2025	02:53	LB136390
	Cadmium	0.50	+/-3	U	6.00	P	07/08/2025	02:53	LB136390
	Chromium	2.12	+/-5	U	10.0	P	07/08/2025	02:53	LB136390

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	2.30	+/-6	U	12.0	P	07/08/2025	02:53	LB136390
	Selenium	9.64	+/-10	U	20.0	P	07/08/2025	02:53	LB136390
	Silver	1.62	+/-5	U	10.0	P	07/08/2025	02:53	LB136390
CCB07	Arsenic	5.12	+/-10	U	20.0	P	07/08/2025	03:44	LB136390
	Barium	14.6	+/-50	U	100	P	07/08/2025	03:44	LB136390
	Cadmium	0.50	+/-3	U	6.00	P	07/08/2025	03:44	LB136390
	Chromium	2.12	+/-5	U	10.0	P	07/08/2025	03:44	LB136390
	Lead	2.30	+/-6	U	12.0	P	07/08/2025	03:44	LB136390
	Selenium	9.64	+/-10	U	20.0	P	07/08/2025	03:44	LB136390
	Silver	1.62	+/-5	U	10.0	P	07/08/2025	03:44	LB136390

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168689TB		WATER		Batch Number:	PB168741		Prep Date:	07/07/2025	
	Mercury	0.76	<2	U	2.00	CV	07/08/2025	10:58	LB136391
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168741BL		WATER		Batch Number:	PB168741		Prep Date:	07/07/2025	
	Mercury	0.093	<0.2	J	0.20	CV	07/08/2025	09:24	LB136391

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168689TB		WATER		Batch Number:	PB168711		Prep Date:	07/03/2025	
	Arsenic	25.6	<50	U	100	P	07/08/2025	03:23	LB136390
	Barium	72.8	<250	U	500	P	07/08/2025	03:23	LB136390
	Cadmium	2.50	<15	U	30.0	P	07/08/2025	03:23	LB136390
	Chromium	10.6	<25	U	50.0	P	07/08/2025	03:23	LB136390
	Lead	11.5	<30	U	60.0	P	07/08/2025	03:23	LB136390
	Selenium	48.2	<50	U	100	P	07/08/2025	03:23	LB136390
	Silver	8.10	<25	U	50.0	P	07/08/2025	03:23	LB136390
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168711BL		WATER		Batch Number:	PB168711		Prep Date:	07/03/2025	
	Arsenic	25.6	<50	U	100	P	07/07/2025	16:41	LB136390
	Barium	72.8	<250	U	500	P	07/07/2025	16:41	LB136390
	Cadmium	2.50	<15	U	30.0	P	07/07/2025	16:41	LB136390
	Chromium	10.6	<25	U	50.0	P	07/07/2025	16:41	LB136390
	Lead	11.5	<30	U	60.0	P	07/07/2025	16:41	LB136390
	Selenium	48.2	<50	U	100	P	07/07/2025	16:41	LB136390
	Silver	8.10	<25	U	50.0	P	07/07/2025	16:41	LB136390



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV19	Mercury	4.09	4.0	102	90 - 110	CV	07/08/2025	08:59	LB136391

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV61	Mercury	4.96	5.0	99	90 - 110	CV	07/08/2025	09:07	LB136391
CCV62	Mercury	5.11	5.0	102	90 - 110	CV	07/08/2025	09:44	LB136391
CCV63	Mercury	5.25	5.0	105	90 - 110	CV	07/08/2025	10:24	LB136391
CCV64	Mercury	4.93	5.0	99	90 - 110	CV	07/08/2025	10:53	LB136391
CCV65	Mercury	5.01	5.0	100	90 - 110	CV	07/08/2025	11:14	LB136391

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3880	4000	97	90 - 110	P	07/07/2025	13:22	LB136390
	Barium	7340	8000	92	90 - 110	P	07/07/2025	13:22	LB136390
	Cadmium	1950	2000	98	90 - 110	P	07/07/2025	13:22	LB136390
	Chromium	804	800	100	90 - 110	P	07/07/2025	13:22	LB136390
	Lead	3810	4000	95	90 - 110	P	07/07/2025	13:22	LB136390
	Selenium	3890	4000	97	90 - 110	P	07/07/2025	13:22	LB136390
	Silver	1020	1000	102	90 - 110	P	07/07/2025	13:22	LB136390

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	22.5	20.0	112	80 - 120	P	07/07/2025	13:41	LB136390
	Barium	92.5	100	92	80 - 120	P	07/07/2025	13:41	LB136390
	Cadmium	6.03	6.0	100	80 - 120	P	07/07/2025	13:41	LB136390
	Chromium	11.0	10.0	110	80 - 120	P	07/07/2025	13:41	LB136390
	Lead	12.3	12.0	103	80 - 120	P	07/07/2025	13:41	LB136390
	Selenium	20.1	20.0	101	80 - 120	P	07/07/2025	13:41	LB136390
	Silver	9.83	10.0	98	80 - 120	P	07/07/2025	13:41	LB136390

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5120	5000	102	90 - 110	P	07/07/2025	14:38	LB136390
	Barium	9860	10000	99	90 - 110	P	07/07/2025	14:38	LB136390
	Cadmium	2550	2500	102	90 - 110	P	07/07/2025	14:38	LB136390
	Chromium	1010	1000	101	90 - 110	P	07/07/2025	14:38	LB136390
	Lead	5050	5000	101	90 - 110	P	07/07/2025	14:38	LB136390
	Selenium	5090	5000	102	90 - 110	P	07/07/2025	14:38	LB136390
	Silver	1250	1250	100	90 - 110	P	07/07/2025	14:38	LB136390
CCV02	Arsenic	5030	5000	101	90 - 110	P	07/07/2025	15:30	LB136390
	Barium	9870	10000	99	90 - 110	P	07/07/2025	15:30	LB136390
	Cadmium	2480	2500	99	90 - 110	P	07/07/2025	15:30	LB136390
	Chromium	994	1000	99	90 - 110	P	07/07/2025	15:30	LB136390
	Lead	4930	5000	99	90 - 110	P	07/07/2025	15:30	LB136390
	Selenium	5010	5000	100	90 - 110	P	07/07/2025	15:30	LB136390
	Silver	1240	1250	99	90 - 110	P	07/07/2025	15:30	LB136390
CCV03	Arsenic	5100	5000	102	90 - 110	P	07/07/2025	16:33	LB136390
	Barium	10000	10000	100	90 - 110	P	07/07/2025	16:33	LB136390
	Cadmium	2520	2500	101	90 - 110	P	07/07/2025	16:33	LB136390
	Chromium	1020	1000	102	90 - 110	P	07/07/2025	16:33	LB136390
	Lead	5010	5000	100	90 - 110	P	07/07/2025	16:33	LB136390
	Selenium	5070	5000	101	90 - 110	P	07/07/2025	16:33	LB136390
	Silver	1270	1250	101	90 - 110	P	07/07/2025	16:33	LB136390
CCV04	Arsenic	5040	5000	101	90 - 110	P	07/07/2025	17:31	LB136390
	Barium	10200	10000	102	90 - 110	P	07/07/2025	17:31	LB136390
	Cadmium	2480	2500	99	90 - 110	P	07/07/2025	17:31	LB136390
	Chromium	1010	1000	101	90 - 110	P	07/07/2025	17:31	LB136390
	Lead	4930	5000	98	90 - 110	P	07/07/2025	17:31	LB136390
	Selenium	5020	5000	100	90 - 110	P	07/07/2025	17:31	LB136390
	Silver	1260	1250	101	90 - 110	P	07/07/2025	17:31	LB136390
CCV05	Arsenic	5130	5000	103	90 - 110	P	07/08/2025	01:43	LB136390
	Barium	10300	10000	103	90 - 110	P	07/08/2025	01:43	LB136390
	Cadmium	2550	2500	102	90 - 110	P	07/08/2025	01:43	LB136390
	Chromium	1020	1000	102	90 - 110	P	07/08/2025	01:43	LB136390
	Lead	5060	5000	101	90 - 110	P	07/08/2025	01:43	LB136390
	Selenium	5100	5000	102	90 - 110	P	07/08/2025	01:43	LB136390

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1260	1250	101	90 - 110	P	07/08/2025	01:43	LB136390
CCV06	Arsenic	5030	5000	101	90 - 110	P	07/08/2025	02:49	LB136390
	Barium	10300	10000	103	90 - 110	P	07/08/2025	02:49	LB136390
	Cadmium	2490	2500	99	90 - 110	P	07/08/2025	02:49	LB136390
	Chromium	1020	1000	102	90 - 110	P	07/08/2025	02:49	LB136390
	Lead	4940	5000	99	90 - 110	P	07/08/2025	02:49	LB136390
	Selenium	5030	5000	100	90 - 110	P	07/08/2025	02:49	LB136390
	Silver	1270	1250	102	90 - 110	P	07/08/2025	02:49	LB136390
CCV07	Arsenic	5040	5000	101	90 - 110	P	07/08/2025	03:40	LB136390
	Barium	10300	10000	103	90 - 110	P	07/08/2025	03:40	LB136390
	Cadmium	2500	2500	100	90 - 110	P	07/08/2025	03:40	LB136390
	Chromium	1020	1000	102	90 - 110	P	07/08/2025	03:40	LB136390
	Lead	4980	5000	100	90 - 110	P	07/08/2025	03:40	LB136390
	Selenium	5020	5000	100	90 - 110	P	07/08/2025	03:40	LB136390
	Silver	1270	1250	101	90 - 110	P	07/08/2025	03:40	LB136390



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

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Arsenic	23.0	20.0	115	65 - 135	P	07/07/2025	13:49	LB136390
	Barium	97.5	100	98	65 - 135	P	07/07/2025	13:49	LB136390
	Cadmium	7.08	6.0	118	65 - 135	P	07/07/2025	13:49	LB136390
	Chromium	11.8	10.0	118	65 - 135	P	07/07/2025	13:49	LB136390
	Lead	13.7	12.0	114	65 - 135	P	07/07/2025	13:49	LB136390
	Selenium	19.2	20.0	96	65 - 135	P	07/07/2025	13:49	LB136390
	Silver	10.6	10.0	106	65 - 135	P	07/07/2025	13:49	LB136390
CRA	Mercury	0.25	0.2	125	70 - 130	CV	07/08/2025	09:14	LB136391

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

ICS Source: EPA

Instrument ID: P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	-4.19			-20	20	07/07/2025	13:53	LB136390
	Barium	-3.69	6.0	62	-94	106	07/07/2025	13:53	LB136390
	Cadmium	-0.042	1.0	4	-5	7	07/07/2025	13:53	LB136390
	Chromium	53.6	52.0	103	42	62	07/07/2025	13:53	LB136390
	Lead	-5.45			-12	12	07/07/2025	13:53	LB136390
	Selenium	8.20			-20	20	07/07/2025	13:53	LB136390
	Silver	-6.96			-10	10	07/07/2025	13:53	LB136390
ICSAB01	Arsenic	99.1	104	95	88.4	120	07/07/2025	14:10	LB136390
	Barium	455	537	85	437	637	07/07/2025	14:10	LB136390
	Cadmium	992	972	102	826	1120	07/07/2025	14:10	LB136390
	Chromium	558	542	103	460	624	07/07/2025	14:10	LB136390
	Lead	41.5	49.0	85	37	61	07/07/2025	14:10	LB136390
	Selenium	53.0	46.0	115	26	66	07/07/2025	14:10	LB136390
	Silver	208	201	104	170	232	07/07/2025	14:10	LB136390



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Parkway Generation Operating LLC</u>	level: <u>low</u>	sdg no.: <u>Q2474</u>
contract: <u>PSEG04</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2493-04</u>	client id: <u>WC-11MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2493-04MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4080		100	U	4000	102		P
Barium	ug/L	75 - 125	2390		1540		1000	86		P
Cadmium	ug/L	75 - 125	992		30.0	U	1000	99		P
Chromium	ug/L	75 - 125	1990		50.0	U	2000	100		P
Lead	ug/L	75 - 125	4740		60.0	U	5000	95		P
Mercury	ug/L	75 - 125	48.7		2.07		40.0	116		CV
Selenium	ug/L	75 - 125	10100		100	U	10000	101		P
Silver	ug/L	75 - 125	357		50.0	U	380	94		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Parkway Generation Operating LLC</u>	level: <u>low</u>	sdg no.: <u>Q2474</u>
contract: <u>PSEG04</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2493-04</u>	client id: <u>WC-11MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2493-04MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3950		100	U	4000	99		P
Barium	ug/L	75 - 125	2350		1540		1000	81		P
Cadmium	ug/L	75 - 125	966		30.0	U	1000	97		P
Chromium	ug/L	75 - 125	1980		50.0	U	2000	99		P
Lead	ug/L	75 - 125	4610		60.0	U	5000	92		P
Mercury	ug/L	75 - 125	46.5		2.07		40.0	111		CV
Selenium	ug/L	75 - 125	9850		100	U	10000	98		P
Silver	ug/L	75 - 125	355		50.0	U	380	93		P

Metals
- 5b -

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Matrix: _____

Level: LOW

Client ID: _____

Sample ID: _____ **Spiked ID:** _____

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M
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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Parkway Generation Operating LLC **Level:** LOW **SDG No.:** Q2474
Contract: PSEG04 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q2493-04 **Client ID:** WC-11DUP
Percent Solids for Sample: NA **Duplicate ID** Q2493-04DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	1540		1510		2		P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	60.0	U	60.0	U			P
Mercury	ug/L	20	2.07		2.20		6		CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Parkway Generation Operating LLC</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2474</u>
Contract:	<u>PSEG04</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2493-04MS</u>	Client ID:	<u>WC-11MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2493-04MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4080		3950		3		P
Barium	ug/L	20	2390		2350		2		P
Cadmium	ug/L	20	992		966		3		P
Chromium	ug/L	20	1990		1980		1		P
Lead	ug/L	20	4740		4610		3		P
Mercury	ug/L	20	48.7		46.5		5		CV
Selenium	ug/L	20	10100		9850		3		P
Silver	ug/L	20	357		355		1		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168711BS							
Arsenic	ug/L	4000	3910		98	80 - 120	P
Barium	ug/L	1000	1010		101	80 - 120	P
Cadmium	ug/L	1000	976		98	80 - 120	P
Chromium	ug/L	2000	2120		106	80 - 120	P
Lead	ug/L	5000	4790		96	80 - 120	P
Selenium	ug/L	10000	9700		97	80 - 120	P
Silver	ug/L	380	364		96	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168741BS Mercury	ug/L	4.0	3.55		89	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

WC-11L

Lab Name: Alliance

Contract: PSEG04

Lab Code: ACE **Lb No.:** lb136390 **Lab Sample ID :** Q2493-04L **SDG No.:** Q2474

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence		Q	M
		C		C				
Arsenic		100 U		500 U				P
Barium		1540		1290 J		16		P
Cadmium		30.0 U		150 U				P
Chromium		50.0 U		250 U				P
Lead		60.0 U		300 U				P
Mercury		2.07		3.82 J		85		CV
Selenium		100 U		500 U				P
Silver		50.0 U		250 U				P

metals
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ANALYSIS RUN LOG

Client: Parkway Generation Operating LLC

Contract: PSEG04

Lab code: ACE

Sdg no.: Q2474

Instrument id number: _____

Method: _____

Run number: LB136390

Start date: 07/07/2025

End date: 07/08/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1225	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1230	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1234	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1238	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1242	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1247	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1322	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1341	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1345	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1349	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1353	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1410	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1438	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1442	Ag,As,Ba,Cd,Cr,Pb,Se
Q2474-01	FO-1	1	1512	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1530	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1534	Ag,As,Ba,Cd,Cr,Pb,Se
Q2493-04DUP	WC-11DUP	1	1551	Ag,As,Ba,Cd,Cr,Pb,Se
Q2493-04L	WC-11L	5	1555	Ag,As,Ba,Cd,Cr,Pb,Se
Q2493-04MS	WC-11MS	1	1559	Ag,As,Ba,Cd,Cr,Pb,Se
Q2493-04MSD	WC-11MSD	1	1604	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1633	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1637	Ag,As,Ba,Cd,Cr,Pb,Se
PB168711BL	PB168711BL	1	1641	Ag,As,Ba,Cd,Cr,Pb,Se
PB168711BS	PB168711BS	1	1714	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1731	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1735	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	0143	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	0147	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	0249	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	0253	Ag,As,Ba,Cd,Cr,Pb,Se
PB168689TB	PB168689TB	1	0323	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	0340	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	0344	Ag,As,Ba,Cd,Cr,Pb,Se

metals
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ANALYSIS RUN LOG

Client: Parkway Generation Operating LLC

Contract: PSEG04

Lab code: ACE

Sdg no.: Q2474

Instrument id number: _____ **Method:** _____

Run number: LB136391

Start date: 07/08/2025 **End date:** 07/08/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0835	HG
S0.2	S0.2	1	0837	HG
S2.5	S2.5	1	0839	HG
S5	S5	1	0842	HG
S7.5	S7.5	1	0844	HG
S10	S10	1	0852	HG
ICV19	ICV19	1	0859	HG
ICB19	ICB19	1	0904	HG
CCV61	CCV61	1	0907	HG
CCB61	CCB61	1	0912	HG
CRA	CRA	1	0914	HG
PB168741BL	PB168741BL	1	0924	HG
PB168741BS	PB168741BS	1	0930	HG
Q2474-01	FO-1	1	0942	HG
CCV62	CCV62	1	0944	HG
CCB62	CCB62	1	0950	HG
Q2493-04DUP	WC-11DUP	1	0957	HG
Q2493-04MS	WC-11MS	1	1005	HG
Q2493-04MSD	WC-11MSD	1	1007	HG
CCV63	CCV63	1	1024	HG
CCB63	CCB63	1	1026	HG
CCV64	CCV64	1	1053	HG
CCB64	CCB64	1	1056	HG
PB168689TB	PB168689TB	1	1058	HG
Q2493-04L	WC-11L	5	1105	HG
CCV65	CCV65	1	1114	HG
CCB65	CCB65	1	1117	HG



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000

LAB CHRONICLE

OrderID:	Q2474	OrderDate:	7/1/2025 12:36:14 PM
Client:	Parkway Generation Operating LLC	Project:	Fo Tank
Contact:	Guy R. Rivera	Location:	A41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2474-01	FO-1	TCLP			06/30/25			07/01/25
			TCLP Mercury	7470A		07/07/25	07/08/25	
			TCLPMetals Group3	6010D		07/03/25	07/07/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168711							
PB168689TB	PB168689TB	MB	WATER	07/03/2025	5.0	25.0	
PB168711BL	PB168711BL	MB	WATER	07/03/2025	5.0	25.0	
PB168711BS	PB168711BS	LCS	WATER	07/03/2025	5.0	25.0	
Q2474-01	FO-1	SAM	WATER	07/03/2025	5.0	25.0	
Q2493-04DUP	WC-11DUP	DUP	WATER	07/03/2025	5.0	25.0	
Q2493-04MS	WC-11MS	MS	WATER	07/03/2025	5.0	25.0	
Q2493-04MSD	WC-11MSD	MSD	WATER	07/03/2025	5.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: Parkway Generation Operating LLC

SDG No.: Q2474

Contract: PSEG04

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168741							
PB168689TB	PB168689TB	MB	WATER	07/07/2025	3.0	30.0	
PB168741BL	PB168741BL	MB	WATER	07/07/2025	30.0	30.0	
PB168741BS	PB168741BS	LCS	WATER	07/07/2025	30.0	30.0	
Q2474-01	FO-1	SAM	WATER	07/07/2025	3.0	30.0	
Q2493-04DUP	WC-11DUP	DUP	WATER	07/07/2025	3.0	30.0	
Q2493-04MS	WC-11MS	MS	WATER	07/07/2025	3.0	30.0	
Q2493-04MSD	WC-11MSD	MSD	WATER	07/07/2025	3.0	30.0	

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136390

Review By	Janvi	Review On	7/8/2025 11:37:30 AM
Supervise By	jaswal	Supervise On	7/9/2025 2:58:20 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212		
ICV Standard	MP86213		
CCV Standard	MP86216		
ICSA Standard	MP86214,MP86215		
CRI Standard	MP86212		
LCS Standard			
Chk Standard	MP86217,MP86218		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/07/25 12:25		Jaswal	OK
2	S1	S1	CAL2	07/07/25 12:30		Jaswal	OK
3	S2	S2	CAL3	07/07/25 12:34		Jaswal	OK
4	S3	S3	CAL4	07/07/25 12:38		Jaswal	OK
5	S4	S4	CAL5	07/07/25 12:42		Jaswal	OK
6	S5	S5	CAL6	07/07/25 12:47		Jaswal	OK
7	ICV01	ICV01	ICV	07/07/25 13:22		Jaswal	OK
8	LLICV01	LLICV01	LLICV	07/07/25 13:41		Jaswal	OK
9	ICB01	ICB01	ICB	07/07/25 13:45		Jaswal	OK
10	CRI01	CRI01	CRDL	07/07/25 13:49		Jaswal	OK
11	ICSA01	ICSA01	ICSA	07/07/25 13:53		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	07/07/25 14:10		Jaswal	OK
13	ICSADL	ICSADL	ICSA	07/07/25 14:15		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	07/07/25 14:19		Jaswal	OK
15	CCV01	CCV01	CCV	07/07/25 14:38		Jaswal	OK
16	CCB01	CCB01	CCB	07/07/25 14:42		Jaswal	OK
17	Q2491-01	EO-1-070225	SAM	07/07/25 14:46		Jaswal	OK
18	Q2472-01DL	PN#1DL	SAM	07/07/25 14:50	Straight 5x for all elements	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136390

Review By	Janvi	Review On	7/8/2025 11:37:30 AM
Supervise By	jaswal	Supervise On	7/9/2025 2:58:20 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212		
ICV Standard	MP86213		
CCV Standard	MP86216		
ICSA Standard	MP86214,MP86215		
CRI Standard	MP86212		
LCS Standard			
Chk Standard	MP86217,MP86218		

19	Q2478-01	WC-1	SAM	07/07/25 14:55		Jaswal	OK
20	Q2381-08	VNJ-207	SAM	07/07/25 14:59		Jaswal	OK
21	Q2398-09	M00-25-0179	SAM	07/07/25 15:03	Confirm TCLP (Pb)	Jaswal	Not Ok
22	Q2472-02	PN#1	SAM	07/07/25 15:07		Jaswal	OK
23	Q2474-01	FO-1	SAM	07/07/25 15:12		Jaswal	OK
24	Q2478-04	WC-1	SAM	07/07/25 15:16	Confirm TCLP (Ba)	Jaswal	Not Ok
25	Q2473-05	PIT#1	SAM	07/07/25 15:21		Jaswal	OK
26	Q2473-06	PIT#2	SAM	07/07/25 15:25		Jaswal	OK
27	CCV02	CCV02	CCV	07/07/25 15:30		Jaswal	OK
28	CCB02	CCB02	CCB	07/07/25 15:34		Jaswal	OK
29	Q2472-01DL2	PN#1DL2	SAM	07/07/25 15:38	NOT USE	Jaswal	Not Ok
30	Q2507-01	SU-04-7.3-2025	SAM	07/07/25 15:42		Jaswal	OK
31	Q2493-04	WC-11	SAM	07/07/25 15:46		Jaswal	OK
32	Q2493-04DUP	WC-11DUP	DUP	07/07/25 15:51		Jaswal	OK
33	Q2493-04L	WC-11L	SD	07/07/25 15:55		Jaswal	OK
34	Q2493-04MS	WC-11MS	MS	07/07/25 15:59		Jaswal	OK
35	Q2493-04MSD	WC-11MSD	MSD	07/07/25 16:04		Jaswal	OK
36	Q2493-04A	WC-11A	PS	07/07/25 16:08		Jaswal	OK
37	Q2477-01	50728	SAM	07/07/25 16:16	NOT USE	Jaswal	Not Ok
38	CCV03	CCV03	CCV	07/07/25 16:33		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136390

Review By	Janvi	Review On	7/8/2025 11:37:30 AM
Supervise By	jaswal	Supervise On	7/9/2025 2:58:20 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212		
ICV Standard	MP86213		
CCV Standard	MP86216		
ICSA Standard	MP86214,MP86215		
CRI Standard	MP86212		
LCS Standard			
Chk Standard	MP86217,MP86218		

39	CCB03	CCB03	CCB	07/07/25 16:37		Jaswal	OK
40	PB168711BL	PB168711BL	MB	07/07/25 16:41		Jaswal	OK
41	PB168713BL	PB168713BL	MB	07/07/25 16:45		Jaswal	OK
42	PB168714BL	PB168714BL	MB	07/07/25 16:50		Jaswal	OK
43	PB168713BS	PB168713BS	LCS	07/07/25 17:01		Jaswal	OK
44	PB168714BS	PB168714BS	LCS	07/07/25 17:05		Jaswal	OK
45	Q2473-01	PIT#1	SAM	07/07/25 17:09		Jaswal	OK
46	PB168711BS	PB168711BS	LCS	07/07/25 17:14		Jaswal	OK
47	Q2473-03	PIT#3	SAM	07/07/25 17:18		Jaswal	OK
48	Q2473-04	PIT#4	SAM	07/07/25 17:22		Jaswal	OK
49	Q2484-01	TP-58	SAM	07/07/25 17:26		Jaswal	OK
50	CCV04	CCV04	CCV	07/07/25 17:31		Jaswal	OK
51	CCB04	CCB04	CCB	07/07/25 17:35		Jaswal	OK
52	Q2484-02	TP-57	SAM	07/07/25 17:39	CCV fail for TI	Jaswal	Not Ok
53	Q2484-03	TP-64	SAM	07/07/25 17:43	CCV fail for TI	Jaswal	Not Ok
54	Q2484-04	TP-107	SAM	07/07/25 17:47	CCV fail for TI	Jaswal	Not Ok
55	Q2484-05	TP-106	SAM	07/07/25 17:51	CCV fail for TI	Jaswal	Not Ok
56	Q2484-06	TP-104	SAM	07/08/25 01:19	CCV fail for TI	Jaswal	Not Ok
57	Q2484-06DUP	TP-104DUP	DUP	07/08/25 01:23	CCV fail for TI	Jaswal	Not Ok
58	Q2484-06L	TP-104L	SD	07/08/25 01:27	CCV fail for TI	Jaswal	Not Ok

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136390

Review By	Janvi	Review On	7/8/2025 11:37:30 AM
Supervise By	jaswal	Supervise On	7/9/2025 2:58:20 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86213
CCV Standard	MP86216
ICSA Standard	MP86214,MP86215
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

59	Q2484-06MS	TP-104MS	MS	07/08/25 01:31	CCV fail for TI	Jaswal	Not Ok
60	Q2484-06MSD	TP-104MSD	MSD	07/08/25 01:35	CCV fail for TI	Jaswal	Not Ok
61	Q2484-06A	TP-104A	PS	07/08/25 01:39	CCV fail for TI	Jaswal	Not Ok
62	CCV05	CCV05	CCV	07/08/25 01:43	CCV fail for TI	Jaswal	OK
63	CCB05	CCB05	CCB	07/08/25 01:47		Jaswal	OK
64	Q2487-09	G4(0-6)	SAM	07/08/25 01:51	CCV fail for K,TI	Jaswal	Not Ok
65	Q2487-10	G4(6-12)	SAM	07/08/25 01:56	CCV fail for K,TI	Jaswal	Not Ok
66	Q2487-11	G3(0-6)	SAM	07/08/25 02:00	CCV fail for K,TI	Jaswal	Not Ok
67	Q2487-12	G3(6-12)	SAM	07/08/25 02:05	CCV fail for K,TI	Jaswal	Not Ok
68	Q2487-13	G2(0-6)	SAM	07/08/25 02:09	CCV fail for K,TI	Jaswal	Not Ok
69	Q2487-14	G2(6-12)	SAM	07/08/25 02:13	CCV fail for K,TI	Jaswal	Not Ok
70	Q2487-15	G1(0-6)	SAM	07/08/25 02:18	CCV fail for K,TI	Jaswal	Not Ok
71	Q2487-16	G1(6-12)	SAM	07/08/25 02:22	CCV fail for K,TI	Jaswal	Not Ok
72	Q2493-01	WC-11	SAM	07/08/25 02:41	CCV fail for K,TI	Jaswal	Not Ok
73	Q2493-01DUP	WC-11DUP	DUP	07/08/25 02:45	CCV fail for K,TI	Jaswal	Not Ok
74	CCV06	CCV06	CCV	07/08/25 02:49	CCV fail for K,TI	Jaswal	OK
75	CCB06	CCB06	CCB	07/08/25 02:53		Jaswal	OK
76	Q2493-01L	WC-11L	SD	07/08/25 02:58	CCV fail for K,TI	Jaswal	Not Ok
77	Q2493-01MS	WC-11MS	MS	07/08/25 03:02	CCV fail for K,TI	Jaswal	Not Ok
78	Q2493-01MSD	WC-11MSD	MSD	07/08/25 03:06	CCV fail for K,TI	Jaswal	Not Ok

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136390

Review By	Janvi	Review On	7/8/2025 11:37:30 AM
Supervise By	jaswal	Supervise On	7/9/2025 2:58:20 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212		
ICV Standard	MP86213		
CCV Standard	MP86216		
ICSA Standard	MP86214,MP86215		
CRI Standard	MP86212		
LCS Standard			
Chk Standard	MP86217,MP86218		

79	Q2493-01A	WC-11A	PS	07/08/25 03:10	CCV fail for K,TI	Jaswal	Not Ok
80	Q2473-07	PIT#3	SAM	07/08/25 03:14		Jaswal	OK
81	Q2473-08	PIT#4	SAM	07/08/25 03:18		Jaswal	OK
82	PB168689TB	PB168689TB	MB	07/08/25 03:23		Jaswal	OK
83	Q2473-02	PIT#2	SAM	07/08/25 03:36	CCV fail for K,TI	Jaswal	Not Ok
84	CCV07	CCV07	CCV	07/08/25 03:40		Jaswal	OK
85	CCB07	CCB07	CCB	07/08/25 03:44		Jaswal	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136391

Review By	Review On
Supervise By	Supervise On
STD. NAME	STD REF.#
ICAL Standard	MP86288,MP86289,MP86290,MP86291,MP86292,MP86293
ICV Standard	MP86294
CCV Standard	MP86296
ICSA Standard	
CRI Standard	MP86298
LCS Standard	
Chk Standard	MP86295,MP86297,MP8699,MP86304

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/08/25 08:35		MOHAN	OK
2	S0.2	S0.2	CAL2	07/08/25 08:37		MOHAN	OK
3	S2.5	S2.5	CAL3	07/08/25 08:39		MOHAN	OK
4	S5	S5	CAL4	07/08/25 08:42		MOHAN	OK
5	S7.5	S7.5	CAL5	07/08/25 08:44		MOHAN	OK
6	S10	S10	CAL6	07/08/25 08:52		MOHAN	OK
7	ICV19	ICV19	ICV	07/08/25 08:59		MOHAN	OK
8	ICB19	ICB19	ICB	07/08/25 09:04		MOHAN	OK
9	CCV61	CCV61	CCV	07/08/25 09:07		MOHAN	OK
10	CCB61	CCB61	CCB	07/08/25 09:12		MOHAN	OK
11	CRA	CRA	CRDL	07/08/25 09:14		MOHAN	OK
12	HighStd	HighStd	HIGH STD	07/08/25 09:19		MOHAN	OK
13	ChkStd	ChkStd	SAM	07/08/25 09:21		MOHAN	OK
14	PB168741BL	PB168741BL	MB	07/08/25 09:24		MOHAN	OK
15	PB168741BS	PB168741BS	LCS	07/08/25 09:30		MOHAN	OK
16	Q2473-05	PIT#1	SAM	07/08/25 09:33		MOHAN	OK
17	Q2473-06	PIT#2	SAM	07/08/25 09:35		MOHAN	OK
18	Q2473-07	PIT#3	SAM	07/08/25 09:37		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136391

Review By	Review On
Supervise By	Supervise On
STD. NAME	STD REF.#
ICAL Standard	MP86288,MP86289,MP86290,MP86291,MP86292,MP86293
ICV Standard	MP86294
CCV Standard	MP86296
ICSA Standard	
CRI Standard	MP86298
LCS Standard	
Chk Standard	MP86295,MP86297,MP8699,MP86304

19	Q2473-08	PIT#4	SAM	07/08/25 09:40		MOHAN	OK
20	Q2474-01	FO-1	SAM	07/08/25 09:42		MOHAN	OK
21	CCV62	CCV62	CCV	07/08/25 09:44		MOHAN	OK
22	CCB62	CCB62	CCB	07/08/25 09:50		MOHAN	OK
23	Q2478-04	WC-1	SAM	07/08/25 09:52		MOHAN	OK
24	Q2493-04	WC-11	SAM	07/08/25 09:55		MOHAN	OK
25	Q2493-04DUP	WC-11DUP	DUP	07/08/25 09:57		MOHAN	OK
26	Q2493-04MS	WC-11MS	MS	07/08/25 10:05		MOHAN	OK
27	Q2493-04MSD	WC-11MSD	MSD	07/08/25 10:07		MOHAN	OK
28	PB168742BL	PB168742BL	MB	07/08/25 10:12		MOHAN	OK
29	PB168742BS	PB168742BS	LCS	07/08/25 10:15		MOHAN	OK
30	Q2481-01	CC0627-AL	SAM	07/08/25 10:17		MOHAN	OK
31	Q2481-01DUP	CC0627-ALDUP	DUP	07/08/25 10:19		MOHAN	OK
32	Q2481-01MS	CC0627-ALMS	MS	07/08/25 10:21		MOHAN	OK
33	CCV63	CCV63	CCV	07/08/25 10:24		MOHAN	OK
34	CCB63	CCB63	CCB	07/08/25 10:26		MOHAN	OK
35	Q2481-01MSD	CC0627-ALMSD	MSD	07/08/25 10:28		MOHAN	OK
36	Q2481-02DL	CC0627-CLOXPLDL	SAM	07/08/25 10:32	Report Straight 10X	MOHAN	OK
37	Q2481-03DL	CC0625-OBXBLDL	SAM	07/08/25 10:34	Report Straight 10X	MOHAN	OK
38	Q2481-04DL	CC0627-AOXLDL	SAM	07/08/25 10:37	Report Straight 10X	MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136391

Review By	Review On
Supervise By	Supervise On
STD. NAME	STD REF.#
ICAL Standard	MP86288,MP86289,MP86290,MP86291,MP86292,MP86293
ICV Standard	MP86294
CCV Standard	MP86296
ICSA Standard	
CRI Standard	MP86298
LCS Standard	
Chk Standard	MP86295,MP86297,MP8699,MP86304

39	Q2481-05	CC0625-NL	SAM	07/08/25 10:39		MOHAN	OK
40	Q2481-06DL	CC0267-OXPLDL	SAM	07/08/25 10:42	Report Straight 10X	MOHAN	OK
41	Q2481-07DL	CC0627-OXLDL	SAM	07/08/25 10:44	Report Straight 10X	MOHAN	OK
42	Q2481-08	CC0627-CLOXAL	SAM	07/08/25 10:46		MOHAN	OK
43	Q2481-09DL	CC0627-BLDL	SAM	07/08/25 10:49	Report Straight 10X	MOHAN	OK
44	Q2481-10	CC0627-SFBL	SAM	07/08/25 10:51		MOHAN	OK
45	CCV64	CCV64	CCV	07/08/25 10:53		MOHAN	OK
46	CCB64	CCB64	CCB	07/08/25 10:56		MOHAN	OK
47	PB168689TB	PB168689TB	MB	07/08/25 10:58		MOHAN	OK
48	PB168705TB	PB168705TB	MB	07/08/25 11:03		MOHAN	OK
49	Q2493-04L	WC-11L	SD	07/08/25 11:05		MOHAN	OK
50	Q2493-04A	WC-11A	PS	07/08/25 11:07		MOHAN	OK
51	Q2481-01L	CC0627-ALL	SD	07/08/25 11:10		MOHAN	OK
52	Q2481-01A	CC0627-ALA	PS	07/08/25 11:12		MOHAN	OK
53	CCV65	CCV65	CCV	07/08/25 11:14		MOHAN	OK
54	CCB65	CCB65	CCB	07/08/25 11:17		MOHAN	OK

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 07/03/2025 Time : 12:30 Temp : 96 °C

End Digest Date: 07/03/2025 Time : 15:32 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
LFS-2	0.25	M6015
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP85156
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/03/25 16:32	<i>SL-S. met dig</i>	<i>[Signature] (metals lab)</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168689TB	PB168689TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	1
PB168711BL	PBW711	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	2
PB168711BS	LCS711	<2	5	25	Colorless	Colorless	Clear	Clear	M6007,M6015	3
Q2381-08	VNJ-207	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	4
Q2398-09	M00-25-0179	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	5
Q2472-02	PN#1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	6
Q2473-05	PIT#1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	7
Q2473-06	PIT#2	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	8
Q2473-07	PIT#3	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	9
Q2473-08	PIT#4	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	10
Q2474-01	FO-1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	11
Q2478-04	WC-1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	12
Q2493-04	WC-11	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	13
Q2493-04MS	WC-11MS	<2	5	25	Colorless	Colorless	Clear	Clear	M6007,M6015	15
Q2493-04MSD	WC-11MSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6007,M6015	16
Q2493-04DUP	WC-11DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	14

SOP ID : M1311-TCLP-16
SDG No : N/A
Weigh By : JP
Balance ID : WC SC-7
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pipette ID : WC
Tumbler ID : T-1 / T-2
TCLP Filter ID : 115525

Start Prep Date : 07/02/2025 Time : 15:00
End Prep Date : 07/03/2025 Time : 08:20
Combination Ratio : 20
ZHE Cleaning Batch : 10
Initial Room Temperature: 24 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : *SB*
Supervisor By : 12

Standard Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. Particle size reduction is not required. q2493-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/03/25 11:00	<i>SB</i> / Lab Room	<i>SI-S.</i> / RJ / EXT
	Preparation Group	Analysis Group

12/11/25

TCLP EXTRACTION LOGPAGE

PB168689

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168689TB	LEB689	11	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2381-08	VNJ-207	01	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q2398-09	M00-25-0179	02	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2472-02	PN#1	03	100.02	2000	N/A	N/A	N/A	9.3	1.5	T-1
Q2473-05	PIT#1	04	100.03	2000	N/A	N/A	N/A	9.1	1.0	T-1
Q2473-06	PIT#2	05	100.02	2000	N/A	N/A	N/A	9.3	1.5	T-1
Q2473-07	PIT#3	06	100.01	2000	N/A	N/A	N/A	9.1	1.0	T-1
Q2473-08	PIT#4	07	100.02	2000	N/A	N/A	N/A	9.3	1.5	T-1
Q2474-01	FO-1	08	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2478-04	WC-1	09	100.04	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2493-04	WC-11	10	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168689TB	LEB689	N/A	N/A	N/A	N/A	N/A	N/A
Q2381-08	VNJ-207	N/A	N/A	N/A	N/A	100	N/A
Q2398-09	M00-25-0179	N/A	N/A	N/A	N/A	100	N/A
Q2472-02	PN#1	N/A	N/A	N/A	N/A	100	N/A
Q2473-05	PIT#1	N/A	N/A	N/A	N/A	100	N/A
Q2473-06	PIT#2	N/A	N/A	N/A	N/A	100	N/A
Q2473-07	PIT#3	N/A	N/A	N/A	N/A	100	N/A
Q2473-08	PIT#4	N/A	N/A	N/A	N/A	100	N/A
Q2474-01	FO-1	N/A	N/A	N/A	N/A	100	N/A
Q2478-04	WC-1	N/A	N/A	N/A	N/A	100	N/A
Q2493-04	WC-11	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2
Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168689TB	LEB689	N/A	N/A	N/A	N/A	#1	4.94
Q2381-08	VNJ-207	5.02	96.5	7.6	2.5	#1	4.94
Q2398-09	M00-25-0179	5.03	96.5	7.2	2.0	#1	4.94
Q2472-02	PN#1	5.02	96.5	11.0	4.0	#1	4.94
Q2473-05	PIT#1	5.03	96.5	11.5	4.5	#1	4.94
Q2473-06	PIT#2	5.02	96.5	11.0	4.0	#1	4.94
Q2473-07	PIT#3	5.03	96.5	11.0	4.5	#1	4.94
Q2473-08	PIT#4	5.02	96.5	11.5	4.0	#1	4.94
Q2474-01	FO-1	5.01	96.5	5.6	2.0	#1	4.94
Q2478-04	WC-1	5.02	96.5	9.0	3.5	#1	4.94
Q2493-04	WC-11	5.03	96.5	7.2	3.0	#1	4.94