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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137132

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Cyanide		mg/L	0.096	0.099	97	90-110	09/10/2025
Sample ID:	CCV1						
Cyanide		mg/L	0.25	0.25	100	90-110	09/10/2025
Sample ID:	CCV2						
Cyanide		mg/L	0.25	0.25	100	90-110	09/10/2025
Sample ID:	CCV3						
Cyanide		mg/L	0.25	0.25	100	90-110	09/10/2025
Sample ID:	CCV4						
Cyanide		mg/L	0.26	0.25	104	90-110	09/10/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137134

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV1**						
Cyanide		mg/L	0.097	0.099	98	85-115	09/10/2025
Sample ID:	**CCV1**						
Cyanide		mg/L	0.25	0.25	100	90-110	09/10/2025
Sample ID:	**CCV2**						
Cyanide		mg/L	0.26	0.25	104	90-110	09/10/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137135

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV1**						
Cyanide		mg/L	0.098	0.099	99	90-110	09/10/2025
Sample ID:	**CCV1**						
Cyanide		mg/L	0.25	0.25	100	90-110	09/10/2025
Sample ID:	**CCV2**						
Cyanide		mg/L	0.25	0.25	100	90-110	09/10/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137137

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Residual Chlorine	mg/L	0.429	0.4	107	90-110	09/10/2025
Sample ID: CCV1						
Residual Chlorine	mg/L	0.398	0.4	100	90-110	09/10/2025
Sample ID: CCV2						
Residual Chlorine	mg/L	0.398	0.4	100	90-110	09/10/2025
Sample ID: CCV3						
Residual Chlorine	mg/L	0.408	0.4	102	90-110	09/10/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137152

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV1**						
Nitrite		mg/L	0.3	0.3	100	90-110	09/11/2025
Sample ID:	**CCV1**						
Nitrite		mg/L	0.3	0.3	100	90-110	09/11/2025
Sample ID:	**CCV2**						
Nitrite		mg/L	0.3	0.3	100	90-110	09/11/2025
Sample ID:	**CCV3**						
Nitrite		mg/L	0.3	0.3	100	90-110	09/11/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137157

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Phenolics		mg/L	1.1	1	110	90-110	09/11/2025
Sample ID:	CCV1						
Phenolics		mg/L	0.99	1	99	90-110	09/11/2025
Sample ID:	CCV2						
Phenolics		mg/L	0.98	1	98	90-110	09/11/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137160

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Phenolics		mg/L	0.99	1	99	90-110	09/11/2025
Sample ID:	CCV1						
Phenolics		mg/L	0.99	1	99	90-110	09/11/2025
Sample ID:	CCV2						
Phenolics		mg/L	0.99	1	99	90-110	09/11/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137171

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10	10	100	90-110	09/09/2025
Chloride	mg/L	3	3	100	90-110	09/09/2025
Fluoride	mg/L	2	2	100	90-110	09/09/2025
Nitrite	mg/L	3	3	100	90-110	09/09/2025
Nitrate	mg/L	2.5	2.5	100	90-110	09/09/2025
Sulfate	mg/L	14.8	15	99	90-110	09/09/2025
Orthophosphate as P	mg/L	5	5	100	90-110	09/09/2025
Sample ID: CCV1						
Bromide	mg/L	10.1	10	101	90-110	09/11/2025
Chloride	mg/L	3	3	100	90-110	09/11/2025
Fluoride	mg/L	2	2	100	90-110	09/11/2025
Nitrite	mg/L	3	3	100	90-110	09/11/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/11/2025
Sulfate	mg/L	14.9	15	99	90-110	09/11/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	09/11/2025
Sample ID: CCV2						
Bromide	mg/L	10	10	100	90-110	09/11/2025
Chloride	mg/L	2.9	3	97	90-110	09/11/2025
Fluoride	mg/L	2	2	100	90-110	09/11/2025
Nitrite	mg/L	3	3	100	90-110	09/11/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/11/2025
Sulfate	mg/L	14.9	15	99	90-110	09/11/2025
Orthophosphate as P	mg/L	5	5	100	90-110	09/11/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137172

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10	10	100	90-110	09/09/2025
Chloride	mg/L	3	3	100	90-110	09/09/2025
Fluoride	mg/L	2	2	100	90-110	09/09/2025
Nitrite	mg/L	3	3	100	90-110	09/09/2025
Nitrate	mg/L	2.5	2.5	100	90-110	09/09/2025
Sulfate	mg/L	14.8	15	99	90-110	09/09/2025
Orthophosphate as P	mg/L	5	5	100	90-110	09/09/2025
Sample ID: CCV1						
Bromide	mg/L	10.1	10	101	90-110	09/11/2025
Chloride	mg/L	3	3	100	90-110	09/11/2025
Fluoride	mg/L	2	2	100	90-110	09/11/2025
Nitrite	mg/L	3	3	100	90-110	09/11/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/11/2025
Sulfate	mg/L	14.9	15	99	90-110	09/11/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	09/11/2025
Sample ID: CCV2						
Bromide	mg/L	10	10	100	90-110	09/11/2025
Chloride	mg/L	2.9	3	97	90-110	09/11/2025
Fluoride	mg/L	2	2	100	90-110	09/11/2025
Nitrite	mg/L	3	3	100	90-110	09/11/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/11/2025
Sulfate	mg/L	14.9	15	99	90-110	09/11/2025
Orthophosphate as P	mg/L	5	5	100	90-110	09/11/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137211

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Ammonia as N	mg/L	1	1	100	90-110	09/17/2025
Sample ID: CCV1						
Ammonia as N	mg/L	1	1	100	90-110	09/17/2025
Sample ID: CCV2						
Ammonia as N	mg/L	1	1	100	90-110	09/17/2025
Sample ID: CCV3						
Ammonia as N	mg/L	1	1	100	90-110	09/17/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137214

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV1**						
TKN		mg/L	5	5	100	90-110	09/17/2025
Sample ID:	**CCV1**						
TKN		mg/L	4.8	5	96	90-110	09/17/2025
Sample ID:	**CCV2**						
TKN		mg/L	5.1	5	102	90-110	09/17/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137223

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
pH	pH	7.02	7	100	90-110	09/18/2025
Sample ID: CCV1						
pH	pH	7.00	7.00	100	90-110	09/18/2025
Sample ID: CCV2						
pH	pH	7.01	7.00	100	90-110	09/18/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137224

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
pH	pH	7.02	7	100	90-110	09/18/2025
Sample ID: CCV1						
pH	pH	7.00	7.00	100	90-110	09/18/2025
Sample ID: CCV2						
pH	pH	7.01	7.00	100	90-110	09/18/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137233

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.492	0.5	98	95-105	09/18/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.514	0.5	103	90-110	09/18/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.518	0.5	104	90-110	09/18/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137249

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	09/19/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.511	0.5	102	90-110	09/19/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.507	0.5	101	90-110	09/19/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137264

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV**						
COD		mg/L	50.173	50	100	95-105	09/08/2025
Sample ID:	**CCV1**						
COD		mg/L	51.184	50	102	95-105	09/22/2025
Sample ID:	**CCV2**						
COD		mg/L	50.173	50	100	95-105	09/22/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137319

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Orthophosphate as P	mg/L	0.494	0.50	99	90-110	09/25/2025
Sample ID: CCV1						
Orthophosphate as P	mg/L	0.502	0.5	100	90-110	09/25/2025
Sample ID: CCV2						
Orthophosphate as P	mg/L	0.505	0.5	101	90-110	09/25/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137320

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Phosphorus, Total	mg/L	0.505	0.50	101	90-110	09/25/2025
Sample ID: CCV1						
Phosphorus, Total	mg/L	0.502	0.50	100	90-110	09/25/2025
Sample ID: CCV2						
Phosphorus, Total	mg/L	0.491	0.50	98	90-110	09/25/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137443

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV**						
Sulfate		mg/L	19.320	20	97	90-110	10/07/2025
Sample ID:	**CCV1**						
Sulfate		mg/L	19.029	20	95	90-110	10/07/2025
Sample ID:	**CCV2**						
Sulfate		mg/L	19.672	20	98	90-110	10/07/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137444

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV**						
Sulfate		mg/L	19.402	20	97	90-110	10/07/2025
Sample ID:	**CCV1**						
Sulfate		mg/L	19.172	20	96	90-110	10/07/2025
Sample ID:	**CCV2**						
Sulfate		mg/L	19.355	20	97	90-110	10/07/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137457

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV1**						
TOC		mg/L	10.2	10	102	90-110	10/06/2025
Sample ID:	**CCV1**						
TOC		mg/L	0.88	1	88	50-150	10/07/2025
Sample ID:	**CCV2**						
TOC		mg/L	10	10	100	90-110	10/07/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137458

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
TOC		mg/L	10.2	10	102	90-110	10/06/2025
Sample ID:	CCV1						
TOC		mg/L	10.1	10	101	90-110	10/07/2025
Sample ID:	CCV2						
TOC		mg/L	10	10	100	90-110	10/07/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137482

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
Turbidity		NTU	10.385	10	104	90-110	10/09/2025
Sample ID:	CCV1						
Turbidity		NTU	9.663	10	97	90-110	10/09/2025
Sample ID:	CCV2						
Turbidity		NTU	9.122	10	91	90-110	10/09/2025

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Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3019

Project: NJ Waste Water PT **RunNo.:** LB137483

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
Turbidity		NTU	10.385	10	104	90-110	10/09/2025
Sample ID:	CCV1						
Turbidity		NTU	9.663	10	97	90-110	10/09/2025
Sample ID:	CCV2						
Turbidity		NTU	9.122	10	91	90-110	10/09/2025