

Initial and Continuing Calibration Verification

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137801

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	0.96	1	96	90-110	11/06/2025
Sample ID: CCV1 Ammonia as N	mg/L	0.97	1	97	90-110	11/06/2025
Sample ID: CCV2 Ammonia as N	mg/L	1.1	1	110	90-110	11/06/2025
Sample ID: CCV3 Ammonia as N	mg/L	1.1	1	110	90-110	11/06/2025

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SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137803

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1					
Bromide	mg/L	9.7	10	97	90-110	11/03/2025
Chloride	mg/L	2.9	3	97	90-110	11/03/2025
Fluoride	mg/L	2	2	100	90-110	11/03/2025
Nitrite	mg/L	2.9	3	97	90-110	11/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	11/03/2025
Sulfate	mg/L	14.5	15	97	90-110	11/03/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	11/03/2025
Sample ID:	CCV1					
Bromide	mg/L	10.1	10	101	90-110	11/06/2025
Chloride	mg/L	3	3	100	90-110	11/06/2025
Fluoride	mg/L	2	2	100	90-110	11/06/2025
Nitrite	mg/L	3	3	100	90-110	11/06/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/06/2025
Sulfate	mg/L	15.1	15	101	90-110	11/06/2025
Orthophosphate as P	mg/L	4.6	5	92	90-110	11/06/2025
Sample ID:	CCV2					
Bromide	mg/L	10.2	10	102	90-110	11/06/2025
Chloride	mg/L	3.1	3	103	90-110	11/06/2025
Fluoride	mg/L	2	2	100	90-110	11/06/2025
Nitrite	mg/L	3	3	100	90-110	11/06/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/06/2025
Sulfate	mg/L	15.2	15	101	90-110	11/06/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	11/06/2025
Sample ID:	CCV3					
Bromide	mg/L	10.2	10	102	90-110	11/06/2025
Chloride	mg/L	3.1	3	103	90-110	11/06/2025
Fluoride	mg/L	2	2	100	90-110	11/06/2025
Nitrite	mg/L	3	3	100	90-110	11/06/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/06/2025
Sulfate	mg/L	15.1	15	101	90-110	11/06/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	11/06/2025
Sample ID:	CCV4					
Bromide	mg/L	10.2	10	102	90-110	11/07/2025
Chloride	mg/L	3.1	3	103	90-110	11/07/2025
Fluoride	mg/L	2.1	2	105	90-110	11/07/2025
Nitrite	mg/L	3.1	3	103	90-110	11/07/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/07/2025
Sulfate	mg/L	15.1	15	101	90-110	11/07/2025
Orthophosphate as P	mg/L	5	5	100	90-110	11/07/2025
Sample ID:	CCV5					

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Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Bromide	mg/L	10.3	10	103	90-110	11/07/2025
Chloride	mg/L	3.1	3	103	90-110	11/07/2025
Fluoride	mg/L	2.1	2	105	90-110	11/07/2025
Nitrite	mg/L	3.1	3	103	90-110	11/07/2025
Nitrate	mg/L	2.6	2.5	104	90-110	11/07/2025
Sulfate	mg/L	15.2	15	101	90-110	11/07/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	11/07/2025
Sample ID: CCV6						
Bromide	mg/L	10.3	10	103	90-110	11/07/2025
Chloride	mg/L	3.1	3	103	90-110	11/07/2025
Fluoride	mg/L	2.1	2	105	90-110	11/07/2025
Nitrite	mg/L	3.1	3	103	90-110	11/07/2025
Nitrate	mg/L	2.6	2.5	104	90-110	11/07/2025
Sulfate	mg/L	15.2	15	101	90-110	11/07/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	11/07/2025

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RunNo.: LB137822

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.095	0.099	96	85-115	11/07/2025
Sample ID: CCV1 Cyanide	mg/L	0.24	0.25	96	90-110	11/07/2025
Sample ID: CCV2 Cyanide	mg/L	0.25	0.25	100	90-110	11/07/2025

Initial and Continuing Calibration Verification

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137904

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	11/14/2025
Sample ID: CCV2 COD	mg/L	48.150	50	96	95-105	11/14/2025
Sample ID: CCV3 COD	mg/L	48.150	50	96	95-105	11/14/2025
Sample ID: CCV4 COD	mg/L	49.161	50	98	95-105	11/14/2025

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SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137926

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Phenolics	ICV1	mg/L	1	1	100	90-110	11/17/2025
Sample ID: Phenolics	CCV1	mg/L	0.97	1	97	90-110	11/17/2025
Sample ID: Phenolics	CCV2	mg/L	0.98	1	98	90-110	11/17/2025

Initial and Continuing Calibration Verification

Client: Spectra East Inc.

SDG No.: Q3551

Project: Outfall 001 - Orangetown Dis Permit 2025

RunNo.: LB137930

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
Field pH		pH	7.00	7	100	90-110	11/04/2025
Sample ID:	CCV1						
Field pH		pH	7.02	7.00	100	90-110	11/04/2025
Sample ID:	CCV2						
Field pH		pH	7.02	7.00	100	90-110	11/04/2025