

Initial and Continuing Calibration Verification

Client: EA Engineering Science & Technology

SDG No.: P4846

Project: Scotia, NY - Annual Testing

RunNo.: LB133464

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10	10	100	90-110	10/16/2024
Chloride	mg/L	3	3	100	90-110	10/16/2024
Fluoride	mg/L	2	2	100	90-110	10/16/2024
Nitrite	mg/L	3	3	100	90-110	10/16/2024
Nitrate	mg/L	2.5	2.5	100	90-110	10/16/2024
Sulfate	mg/L	14.9	15	99	90-110	10/16/2024
Orthophosphate as P	mg/L	4.8	5	96	90-110	10/16/2024
Sample ID: CCV1						
Bromide	mg/L	9.7	10	97	90-110	11/14/2024
Chloride	mg/L	2.9	3	97	90-110	11/14/2024
Fluoride	mg/L	2	2	100	90-110	11/14/2024
Nitrite	mg/L	3	3	100	90-110	11/14/2024
Nitrate	mg/L	2.4	2.5	96	90-110	11/14/2024
Sulfate	mg/L	14.6	15	97	90-110	11/14/2024
Orthophosphate as P	mg/L	4.9	5	98	90-110	11/14/2024
Sample ID: CCV2						
Bromide	mg/L	10.6	10	106	90-110	11/14/2024
Chloride	mg/L	3.2	3	107	90-110	11/14/2024
Fluoride	mg/L	2.1	2	105	90-110	11/14/2024
Nitrite	mg/L	3.2	3	107	90-110	11/14/2024
Nitrate	mg/L	2.7	2.5	108	90-110	11/14/2024
Sulfate	mg/L	15.7	15	105	90-110	11/14/2024
Orthophosphate as P	mg/L	5.3	5	106	90-110	11/14/2024
Sample ID: CCV3						
Bromide	mg/L	10.6	10	106	90-110	11/14/2024
Chloride	mg/L	3.2	3	107	90-110	11/14/2024
Fluoride	mg/L	2.1	2	105	90-110	11/14/2024
Nitrite	mg/L	3.2	3	107	90-110	11/14/2024
Nitrate	mg/L	2.7	2.5	108	90-110	11/14/2024
Sulfate	mg/L	15.8	15	105	90-110	11/14/2024
Orthophosphate as P	mg/L	5.3	5	106	90-110	11/14/2024
Sample ID: CCV4						
Bromide	mg/L	10.6	10	106	90-110	11/15/2024
Chloride	mg/L	3.2	3	107	90-110	11/15/2024
Fluoride	mg/L	2.1	2	105	90-110	11/15/2024
Nitrite	mg/L	3.2	3	107	90-110	11/15/2024
Nitrate	mg/L	2.7	2.5	108	90-110	11/15/2024
Sulfate	mg/L	15.9	15	106	90-110	11/15/2024

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Orthophosphate as P	mg/L	5.3	5	106	90-110	11/15/2024
Sample ID: CCV5						
Bromide	mg/L	10.4	10	104	90-110	11/15/2024
Chloride	mg/L	3.1	3	103	90-110	11/15/2024
Fluoride	mg/L	2.1	2	105	90-110	11/15/2024
Nitrite	mg/L	3.1	3	103	90-110	11/15/2024
Nitrate	mg/L	2.6	2.5	104	90-110	11/15/2024
Sulfate	mg/L	15.4	15	103	90-110	11/15/2024
Orthophosphate as P	mg/L	5.2	5	104	90-110	11/15/2024
Sample ID: CCV6						
Bromide	mg/L	10.5	10	105	90-110	11/15/2024
Chloride	mg/L	3.1	3	103	90-110	11/15/2024
Fluoride	mg/L	2.1	2	105	90-110	11/15/2024
Nitrite	mg/L	3.1	3	103	90-110	11/15/2024
Nitrate	mg/L	2.6	2.5	104	90-110	11/15/2024
Sulfate	mg/L	15.5	15	103	90-110	11/15/2024
Orthophosphate as P	mg/L	5.2	5	104	90-110	11/15/2024
Sample ID: CCV7						
Bromide	mg/L	10.5	10	105	90-110	11/15/2024
Chloride	mg/L	3.1	3	103	90-110	11/15/2024
Fluoride	mg/L	2.1	2	105	90-110	11/15/2024
Nitrite	mg/L	3.1	3	103	90-110	11/15/2024
Nitrate	mg/L	2.6	2.5	104	90-110	11/15/2024
Sulfate	mg/L	15.5	15	103	90-110	11/15/2024
Orthophosphate as P	mg/L	5.2	5	104	90-110	11/15/2024

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Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 TOC	mg/L	10.2	10	102	90-110	09/25/2024
Sample ID: CCV1 TOC	mg/L	10.4	10	104	90-110	11/18/2024
Sample ID: CCV2 TOC	mg/L	10.7	10	107	90-110	11/18/2024
Sample ID: CCV3 TOC	mg/L	10.3	10	103	90-110	11/18/2024
Sample ID: CCV4 TOC	mg/L	10.1	10	101	90-110	11/19/2024