

2021 SUMMARY OF ADVERSE WATER QUALITY INCIDENTS AND CORRECTIVE ACTIONS

The Ministry of Environment, Conservation and Parks and the York Region Medical Officer of Health were satisfied with corrective actions taken for all events in the summary below and had no further direction.

Ansnorveldt DWS

There were no adverse water quality incidents for this drinking water system.

Aurora Sub-System (York Drinking Water System)

Incident Description	Date	Test Result	Corrective Action
Combined Chlorine Residual > 4.0 mg/L (Regulatory Relief Sites)	Nov 6	5.00 mg/L	Operator attended site, restored facility to normal operation.

Ballantrae-Musselman's Lake Drinking Water System

There were no adverse water quality incidents for this drinking water system.

Georgina Drinking Water System

Incident Description	Date	Test Result	Corrective Action
Filter Performance	Feb 2	>0.1 NTU	Operator attended site, facility restored to normal operation. Compliant grab sample taken.
Fluoride > 1.5 mg/L	Jan 26	2.00 mg/L	Flow halted upon alarm and prevented water from entering the distribution system. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
	Mar 24	1.89 mg/L	Flow halted upon alarm and prevented water from entering the distribution system. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
	Jun 4	2.00 mg/L	Flow halted upon alarm and prevented water from entering the distribution system. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
	Jun 7	2.00 mg/L	Flow halted upon alarm and prevented water from entering the distribution system. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
	Aug 26	2.00 mg/L	Flow halted upon alarm and prevented water from entering the distribution system. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.

Holland Landing Sub-System (York Drinking Water System)

Incident Description	Date	Test Result	Corrective Action
Sodium > 20.0 mg/L	Apr 15	21.9 mg/L	Operator attended site. Resample taken.

Keswick Sub-System (York Drinking Water System)

Incident Description	Date	Test Result	Corrective Action
Sodium > 20.0 mg/L	Apr 7	32.9 mg/L	Operator attended site. Resample taken.

King City Sub-System (York Drinking Water System)

There were no adverse water quality incidents for this drinking water system.

Kleinburg Sub-System (York Drinking Water System)

There were no adverse water quality incidents for this drinking water system.

Mount Albert Drinking Water System

There were no adverse water quality incidents for this drinking water system.

Newmarket Sub-System (York Drinking Water System)

There were no adverse water quality incidents for this drinking water system.

Nobleton Drinking Water System

There were no adverse water quality incidents for this drinking water system.

Schomberg Drinking Water System

Incident Description	Date	Test Result	Corrective Action
Combined Chlorine Residual > 3.0 mg/L	Feb 21	3.10 mg/L	Operator attended site, facility restored to normal operation. Compliant grab sample taken.
	Mar 30	3.66 mg/L	Operator attended site, facility restored to normal operation. Compliant grab sample taken.
	Apr 24	3.04 mg/L	Operator attended site, facility restored to normal operation. Compliant grab sample taken.
	May 30	3.12 mg/L	Operator attended site, facility restored to normal operation. Compliant grab sample taken.
Combined Chlorine Residual > 4.0 mg/L (Regulatory Relief Sites)	Sep 9	4.48 mg/L	Operator attended site, facility restored to normal operation. Compliant grab sample taken.
	Sep 10	4.10 mg/L	Operator attended site, facility restored to normal operation. Compliant grab sample taken.

Sharon/Queensville Sub-System (York Drinking Water System)

Incident Description	Date	Test Result	Corrective Action
Sodium > 20.0 mg/L	Apr 21	22.0 mg/L	Operator attended site. Resample taken.

Stouffville Sub-System (York Drinking Water System)

Incident Description	Date	Test Result	Corrective Action
Sodium > 20.0 mg/L	Apr 7	26.3 mg/L	Operator attended site. Resample taken.

York Drinking Water System: Markham, Richmond Hill, Vaughan

Incident Description	Date	Test Result	Corrective Action
Combined Chlorine Residual > 3.0 mg/L	Feb 24	3.75 mg/L	Operator attended site, facility restored to normal operation. Compliant grab sample taken.
Sodium > 20.0 mg/L	Apr 14	20.8 mg/L	Operator attended site. Resample taken.

Accessible formats or communication supports are available upon request.
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