

Resource Documents for the Halifax Regional Municipality's Regional Watersheds Advisory Board

Title / Citation	Source	URL
Water Quality / Watershed Monitoring		
Water Quality Assessments – A Guide to Use of Biota, Sediments and Water in Environmental Monitoring – Second Edition.	United Nations Environment Program (UNEP), World Health Organization (WHO), and United Nations Educational, Scientific and Cultural Organization (UNESCO)	http://apps.who.int/iris/bitstream/10665/41850/1/0419216006_eng.pdf?ua=1
Water Quality Monitoring – A Practical Guide to the Design and Implementation of Freshwater Quality Studies and Monitoring Programmes. 1996.	UNEP, WHO, and UNESCO	http://apps.who.int/iris/bitstream/10665/41851/1/0419217304_eng.pdf?ua=1
Canadian Water Quality Guidelines for the Protection of Aquatic Life: Phosphorus: Canadian Guidance Framework for the Management of Freshwater Systems. 2004.	Canadian Centre for Ministers of the Environment (CCME)	http://ceqg-rcqe.ccme.ca/download/en/205
Guidance Manual for Optimizing Water Quality Monitoring Program Design. 2015.	CCME	http://www.ccme.ca/files/Resources/water/water_quality/Guidance%20Manual%20for%20Optimizing%20Water%20Quality%20Monitoring%20Program%20Design_1.0_e.pdf
Protocols Manual for Water Quality Sampling in Canada. 2011.	CCME	http://www.ccme.ca/files/Resources/water/water_quality/protocols_document_e_fi_nal_101.pdf
A Canada-wide Framework for Water Quality Monitoring. 2006.	CCME	http://www.ccme.ca/files/Resources/water/water_quality/wqm_framework_1.0_e_web.pdf
Summary of Integrated Watershed Management Approaches Across Canada. 2016.	CCME	http://www.ccme.ca/files/Resources/water/water_conservation/Summary%20of%20Integrated%20Watershed%20Management%20Approaches%20Across%20Canada%20PN%201559.pdf
Water Quality Monitoring System Design. 2015.	International Institute for Sustainable Development	https://www.iisd.org/sites/default/files/publications/water-quality-monitoring-system-design.pdf
Overview of Watershed Monitoring. Undated.	U.S. Environmental Protection Agency,	https://cfpub.epa.gov/watertrain/pdf/modules/monitoring.pdf

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	Watershed Academy	
Watershed Management in Ontario: Lessons Learned and Best Practices. 2003.	Conservation Ontario	http://conservationontario.ca/media/lessons_learned_best_practices.pdf
Report of the Commissioner of the Environment and Sustainable Development to the House of Commons. Chapter 2, Monitoring Water Resources. Fall 2010.	Office of the Auditor General	http://publications.gc.ca/site/eng/381330/publication.html
Watershed Report, Maritime Coastal Watershed. 2016.	WWF-Canada	http://awsassets.wwf.ca/downloads/maritime_coastal_watershed_report_28032016.pdf
Planning of Water Quality Monitoring Systems. 2013.	World Meteorological Organization	http://www.wmo.int/pages/prog/hwmp/publications/Technical_report_series/TR-No3water_quality_monitoring_systems.pdf
Guidelines for Canadian Recreational Water Quality. 2012.	Health Canada	https://www.canada.ca/content/dam/canada/health-canada/migration/healthy-canadians/publications/healthy-living-vie-saine/water-recreational-recreative-eau/alt/pdf/water-recreational-recreative-eau-eng.pdf
Municipal Resources		
Halifax Regional Municipal Planning Strategy. 2014.	Halifax Regional Municipality	https://www.halifax.ca/sites/default/files/documents/about-the-city/regional-community-planning/RegionalMunicipalPlanningStrategy.pdf
Other		
The 2009 State of Nova Scotia's Coast Technical Report. 2009.	Province of Nova Scotia	https://novascotia.ca/coast/documents/report/Coastal-Tech-Report-Nov-09.pdf
Nova Scotia's Water Resource Management Strategy. 2010.	Province of Nova Scotia	http://novascotia.ca/nse/water.strategy/docs/WaterStrategy_Water.Resources.Management.Strategy.pdf
Provincial Water Resource Documents	Province of Nova Scotia	http://www.novascotia.ca/nse/resources/publications.asp#water
Various Provincial Water Documents – by Topic	Province of Nova Scotia	http://www.novascotia.ca/nse/topics.asp . Choose from Drinking Water , Groundwater , Operator Certification , Surface Water , Wastewater , Water Resources Management Strategy , Watercourse Alteration , and Wetlands .
A Holistic Approach to Stormwater Management. Undated.	Ryerson University, Department of Civil Engineering	http://www.civil.ryerson.ca/stormwater/index.htm
Setbacks & Vegetated Buffers in Nova Scotia: A review and analysis of current practices and management options	Dalhousie University	http://earthsciences.dal.ca/www/PDFs/Setbacks_Vegetated_Buffers_in_Nova_Scotia_Report_Final_July_24_2014.pdf .

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Several resource documents are not currently available online. Those resources, listed below, will be provided to RWAB members by email from Halifax staff.

Water Quality Monitoring Resources:

- Sampling for Water Quality. Environment Canada. 1983.
- Monitoring Surface Water Quality: A Guide for Citizens, Students, and Communities in Atlantic Canada. Environment Canada. 1994.
- Halifax Harbour Solutions Advisory Committee. Final Report. 1998.
- HRM Water Resource Management Study Report. Dillon Consulting Limited. 2003.
- HRM Stormwater Management Guidelines. Dillon Consulting Limited. 2006.
- Water Quality Monitoring Functional Plan. Stantec Consulting Limited. 2010.
- HRM Water Quality Sampling Service Review (Staff Report & Associated Halifax Regional Council Meeting Minutes). 2010.
- Analysis of the 2006-2011 Water Quality Data. Stantec Consulting Limited. 2012.
- Analysis of the 2006-2011 Regional Centre Lakes Water Quality Data. Stantec Consulting Limited. 2012.
- Papermill Lake Watershed Assessment. Final Report. Dalhousie University. 2016.

Provincial Resources:

- Nova Scotia Watershed Assessment Atlas. Province of Nova Scotia and Dalhousie University. 2014.

Other:

- Assessment of Aquatic Vegetation Overgrowth in Lake Banook. Stantec Consulting Limited. 2014.
- The Inspector's Field Sampling Manual. Environment Canada. Second Edition. 2005.