



AECOM

Chapter 12

References

Chapter Contents

12. References	12-1
-----------------------------	-------------

12. References

AECOM. 2016a. *Construction Environmental Management Plan*.

AECOM. 2016b. *Hazardous Materials Report for Demolitions*.

AECOM. 2016c. *Soil Management Plan*.

AECOM. 2016d. *Stormwater Pollution Prevention Plan*.

ANSI. 2005. ANSI s12.9-2005 - Part 4, "Quantities and Procedures for Description and Measurements of Environmental Sound Part 4: Noise Assessment and Prediction of Long Term Community Response." Reaffirmed October 27, 2015.

BC Chamber of Shipping. 2007. *BC Ocean Going Vessel Emissions Inventory*.

BC MOE. 1993. *Ambient Water Quality Criteria for Polycyclic Aromatic Hydrocarbons (PAHs)*. BC Ministry of Environment, Lands and Parks.
<http://www.env.gov.bc.ca/wat/wq/BCguidelines/pahs/index.html#TopOfPage>.

BC MOE. 1998. *Archaeological Impact Assessment Guidelines*.

BC MOE. 2008. *Guidelines for Air Quality Dispersion Modelling in British Columbia*. BC Ministry of the Environment, Environmental Protection Division, Environmental Quality Branch, Air Protection Section. Victoria, BC. March 2008. http://www.env.gov.bc.ca/epd/bcairquality/reports/pdfs/air_disp_model_08.pdf.

BC MOE. 2009. *Technical Guidance 1 Site Characterization and Confirmation Testing*. BC Ministry of Environment. January 2009. <http://www2.gov.bc.ca/assets/gov/environment/air-land-water/site-remediation/docs/technical-guidance/tg01.pdf>.

BC MOE. 2013. *Heritage Impact Assessments in British Columbia Terms of Reference*.

BC MOE. 2014a. *British Columbia Best Practices Methodology for Quantifying Greenhouse Gas Emissions*.

BC MOE. 2014b. *British Columbia Greenhouse Gas Inventory*. Accessed 23 February 2016.
<http://www2.gov.bc.ca/gov/content/environment/climate-change/reports-data/provincial-ghg-inventory-report-bc-s-pir>.

BC MOE. 2016a. BC Species and Ecosystems Explorer. Accessed January 2016. <http://a100.gov.bc.ca/pub/eswp/>.

BC MOE. 2016b. BC Conservation Data Centre (CDC). Accessed January 2016. <http://maps.gov.bc.ca/ess/sv/cdc/>.

BCCSN. 2013. Vancouver Aquarium Marine Science Centre and Fisheries and Oceans Canada. Vancouver, BC.

BIEAP. 1997. *Burrard Inlet Sediment Core Contaminant Profiles*.

BIEAP. 1998. *Sediment Quality in Burrard Inlet Using Various Chemical and Biological Markers*.

Bies, David A., and Colin H. Hansen. 2009. *Engineering Noise Control, Theory and Practice*. 4th edition.

- Bohnsack, J.A., D.E. Harper, D.B. McClellan, and M. Hulsbeck. 1994. "Effects of Reef Size on Colonization and Assemblage Structure of Fishes at Artificial Reefs off Southeastern Florida, USA." *Bulletin of Marine Science* 55(2-3): 796-823.
- Butler, R.W., A.R. Couturier, and E. Dickson. 2015. Status and Distribution of Marine Birds and Mammals in Burrard Inlet and Indian Arm, British Columbia 2011-13. Pacific Wildlife Foundation & Bird Studies Canada. Unpublished Report. Port Moody, BC and Port Rowan, Ontario.
- CCME. 1999. Canadian soil quality guidelines for the protection of environmental and human health. In: Canadian environmental quality guidelines, 1999, Canadian Council of Ministers of the Environment, Winnipeg.
- CCME. 2003. *Canadian Water Quality Guidelines for the Protection of Aquatic Life*.
- CCME. 2007. Canadian soil quality guidelines for the protection of environmental and human health: Summary tables. Updated September 2007. In: Canadian environmental quality guidelines, 1999, Canadian Council of Ministers of the Environment, Winnipeg.
- CCME. 2008. *Canada-Wide Standards for Petroleum Hydrocarbons (PHC) in Soil*.
- CCME. 2009. Canadian water quality guidelines for the protection of aquatic life: Boron. In: Canadian environmental quality guidelines, 2009, Canadian Council of Ministers of the Environment, Winnipeg.
- CCME. 2013. *Environmental Code of Practice for Aboveground and Underground Storage Tank (AST/UST) Systems Containing Petroleum and Allied Petroleum Products*.
- Copes, R. 2009. *Radon in British Columbia Workplaces*. Produced for WorkSafeBC.
http://www.worksafebc.com/contact_us/research/funding_decisions/assets/pdf/2006/RS2006_DG09.pdf.
- DataKrustik. 2015. CadnaA Version 4.6 Reference Manual.
- DFO. 2011. Recovery Strategy for the Northern and Southern Resident Killer Whales (*Orcinus orca*) in Canada. Species at Risk Act Recovery Strategy Series, Fisheries & Oceans Canada, Ottawa, ix + 80 pp.
- DFO. 2016a. Area 28 (Lower Mainland/Sunshine Coast). Accessed June 13, 2016. <http://www.pac.dfo-mpo.gc.ca/fm-gp/rec/tidal-maree/a-s28-eng.html>.
- DFO. 2016ab. [Amended] Recovery Strategy for the Transient Killer Whale (*Orcinus orca*) in Canada. Species at Risk Act Recovery Strategy Series. Fisheries and Oceans Canada, Vancouver, vii + 54 pp.
- Donald Luxton and Associates Inc. 2016a. *Ballantyne Pier Statement of Significance/Heritage Impact Assessment*.
- Donald Luxton and Associates Inc. 2016b. *Rogers Sugar Heritage Impact Assessment*.
- Donald Luxton and Associates Inc. 2016c. *Mission to Seafarers Statement of Significance/Heritage Impact Assessment*.
- DP World Vancouver. 2016. *Spill Prevention and Emergency Response Plan*.
- ECCC. 1991. *Identification of Lamp Ballasts Containing PCBs*. August 1991.
- ECCC. 2004. *Canada's Greenhouse Gas Inventory 1999-2002*.
- ECCC. 2014. *National Inventory Report – Greenhouse Gas Sources and Sinks in Canada 1990–2012*. Accessed 23 February 2016.

http://unfccc.int/national_reports/annex_i_ghg_inventories/national_inventories_submissions/items/8108.php
p.

- Efron, B., and R.J. Tibshirani. 1994. *An Introduction to the Bootstrap*, Boca Raton, FL: CRC Press.
- Environmental Assessment Office. 2013. *Guideline for the Selection of Valued Components and Assessment of Potential Effects*.
- Federal-Provincial-Territorial Committee on Climate Change and Environmental Assessment. 2003. *Incorporating Climate Change Considerations in Environmental Assessment: General Guidance for Practitioners*.
- Foreshore Technologies Inc. 1996. *Report on the Subtidal Biophysical Inventory of Burrard Inlet*. Prepared for Burrard Inlet Environmental Action Program.
- Foreshore Technologies Inc. 2016. *Biophysical Assessment: Biophysical Survey Results of Selected Areas, Port Metro Centerm Container Terminals, Vancouver, B.C. March 8, 2016*. Report Number: 3787-R-04.1.
- Golder. 2003. *Environmental Baseline Assessment of the Centerm Terminal, Vancouver, British Columbia*. Golder Associates Ltd. September 12, 2003.
- Golder. 2004. *Preliminary Soil and Groundwater Investigation of the CN Rail Land Within the Centerm Container Terminal South Shore of Burrard Inlet, Vancouver, B.C.* Golder Associates Ltd. August 13, 2004.
- Golder. 2005. *Investigation and Remedial Work Conducted in the Former CN Rail Yard Located at the South End of the Centerm Facility, 777 Centennial Road, Vancouver, British Columbia*. Golder Associates Ltd. December 20, 2005.
- Government of Canada, 2016. *Canada's Second Biennial Report on Climate Change*. <http://ec.gc.ca/GES-GHG/default.asp?lang=En&n=02D095CB-1#BR-Sec3>.
- Haggarty, D.R. 2001. *An Evaluation of Fish Habitat in Burrard Inlet, British Columbia*. Master Thesis. Department of Zoology, University of British Columbia. https://circle.ubc.ca/bitstream/handle/2429/12080/ubc_2002-0094.pdf?sequence=1.
- Hanrahan, C. 1994. *Wildlife Inventory of shoreline park system, Port Moody, BC*. Port Moody: Burke Mountain Naturalist.
- Health Canada. 2008. *Guide for Radon Measurements in Residential Dwellings (Homes)*.
- Health Canada. 2010a. *Federal Contaminated Site Risk Assessment in Canada, Part I: Guidance on Human Health Preliminary Quantitative Risk Assessment (PQRA), Version 2.0*. Prepared by the Contaminated Sites Division Safe Environments Directorate, Health Canada, Ottawa, Ontario. September 2010.
- Health Canada. 2010b. *Useful Information for Environmental Assessments*.
- Health Canada. 2013. *Pigeons (Pest Control Tips)*. <http://healthycanadians.gc.ca/product-safety-securete-produits/pest-control-products-produits-antiparasitaires/pesticides/tips-conseils/pigeon-eng.php>.
- Helsel, D. 2012a. *Environmental Statistics Using ProUCL*. Course presented January 19, 2012, to the Society of Contaminated Sites Approved Professionals of British Columbia.

- Helsel, D. 2012b. *Practical Statistics for Contaminated Site Studies through GeoEnviroLogic Professional Development*. Course presented November 29, 2012.
- Helsel, D.R. 2005. *Nondetects and data analysis: Statistics for censored environmental data*. Hoboken (NJ). John Wiley & Sons, 250p.
- IBA Canada. 2016. *English Bay and Burrard Inlet IBA Site Summary*. Accessed January 2016.
<http://www.ibacanada.ca/site.jsp?siteID=BC020&lang=EN>.
- Inlailawatash. 2016. *Port Metro Vancouver Centerm Terminal Expansion Project Archaeological Overview Assessment*. 12 February 2016.
- International Dark Sky Association. 2015. www.darksky.org.
- ISO. 2003. ISO 1996-1:2003 Acoustics -- Description, measurement and assessment of environmental noise -- Part 1: Basic quantities and assessment procedures.
- Kalman, H., and R. Ward. 2012. *Exploring Vancouver the Architectural Guide*. Section C, page 53.
https://books.google.ca/books?id=wp7az8ku_gkC&pg=PA53&lpg=PA53&dq=1906+Canfisco+foot+of+gore&source=bl&ots=WLnOrIofYp&sig=UyMnYJMLE8X2DnZgTytWvpHLc8Q&hl=en&sa=X&ved=0ahUKEwjto9CVZPLAhUC7mMKHXu2C34Q6AEIPTAF#v=onepage&q=1906%20Canfisco%20foot%20of%20gore&f=false.
- KCB. 2016. *Centerm Expansion Project. 2015 Geotechnical Exploration Program. Geotechnical Data Report*.
- Kinder Morgan. 2013. *The Trans Mountain Expansion Project, an Application Pursuant to Section 52 of the National Energy Board Act*. Prepared by Trans Mountain Pipeline (ULC). December 2013.
- Kirk & Co. Consulting Ltd. 2016. *Preliminary Comment Period Summary Report: Centerm Expansion Project*. Prepared for Port Metro Vancouver's Centerm Expansion Project Team by Kirk & Co. Consulting Ltd. March 2016.
- Klein, J.P., and M.L. Moeschberger. 2003. "Summing Nondetects: Incorporating Low-Level contaminants in Risk Assessment." *Integrated Environmental Assessment and Management*. Vol.6, No. 3, pp. 361-366.
- KWL. 2015. *Burrard Inlet Action Plan: A Tsleil-Waututh Perspective*. Public Review Draft.
- McLaren, P. 1994. *Sediment transport in Vancouver Harbour: Implications to the Fate of Contaminated Sediments or dredged material disposal*. Prepared for the Burrard Inlet Environmental Action Program. January 1994.
- Metro Vancouver. 2008. *Demolition, Land Clearing & Construction, DLC Waste Management Toolkit: A Guide for the building construction industry*.
- Metro Vancouver. 2013. *2010 Lower Fraser Valley Air Emissions Inventory and Forecast and Backcast, Final Report and Summarized Results*. September 2013.
- Michaud, D.S., S.E. Keith, and D. McMurchy. 2005. *Noise annoyance in Canada*.
- Morrow. 2006. Letter report from John Elliot of Morrow to Carrie Brown of Vancouver Port Authority regarding Site Service Facility (SSF) Drilling Investigation Results, Centerm Terminal, Vancouver, BC. Morrow Environmental Consultants Inc., Member of the SNC Lavalin Group, November 29, 2006.

- Naito, B.G. 2001. "An Overview of Artificial Reefs Constructed in Southern British Columbia prior to 1994." *Can. Manuscr. Rep. Fish. Aquat. Sci.* 2583: vi + 40 p.
- Natural Resources Canada. 2015. *Fuel Efficiency Benchmarking in Canada's Trucking Industry*.
- Neff, J.M. 1979. *Polycyclic Aromatic Hydrocarbons in the Aquatic Environment: Sources, Fates and Biological Effects*. Applied Science Publishers Ltd., Essex, England. 262 p.
<http://www.env.gov.bc.ca/wat/wq/BCguidelines/pahs/index.html>.
- NSW Roads and Maritime Services. 2013. *Guidelines for Landscape Character and Visual Impact Assessment*.
<http://www.rms.nsw.gov.au>
- Parks Canada. 2010. *Standards and Guidelines for the Conservation of Historic Places in Canada*.
http://publications.gc.ca/collections/collection_2011/pc/R62-343-2010-eng.pdf.
- PBX Engineering Ltd. 2016a. Centerm Expansion and South Shore Access Projects, Project Energy Study. September 16, 2016.
- PBX Engineering Ltd.. 2016b. Peak Electrical Power Load Requirements Memorandum. May 4, 2016.
- PMV. 2014a. *Land Use Plan*.
- PMV. 2014b. Memorandum from Kate Schendel of Port Metro Vancouver (PMV) to Carrie Brown of PMV regarding Review of Canfisco and Centerm Areas of Concern. February 19, 2014.
- PMV. 2015a. *Port Information Guide*. August 2015. www.portvancouver.com/wp-content/uploads/2015/08/PIG-10-August-2015.pdf.
- PMV. 2015b. *Project & Environmental Review Guidelines – Construction Environmental Management Plan (CEMP)*. July 2015.
- PMV. 2015c. *Project & Environmental Review Guidelines – Environmental Noise Assessment*. July 2015.
- PMV. 2015d. *Project & Environmental Review Guidelines – Environmental Air Assessment*. July 2015
- PMV. 2015e. *Project & Environmental Review Guidelines – Habitat Assessment*. June 2015.
- PMV. 2015f. *Project & Environmental Review Guidelines – Lighting*. July 2015
- PMV. 2015g. *Project & Environmental Review Guidelines – View and Shade Impact*. July 2015
- PMV. 2015h. *Project and Environmental Review Application Guide*. July 2015.
- PMV. 2015i. *Roberts Bank Terminal 2 Project Environmental Impact Statement*.
- PMV. 2015j. *Project & Environmental Review Guidelines – Construction Environmental Management Plan (CEMP)*. July 2015.
- PMV. 2016a. Port 2050 and Sustainability. <http://www.portmetrovancover.com/about-us/sustainability/>.
- PMV. 2016b. *Port Information Guide*. Prepared by Harbour Master Port Metro Vancouver. August 2016.
- PMV. 2016c. *Project & Environmental Review Guidelines – Project Energy Study*. May 2016

- Railway Association of Canada. 2015. Rail Trends 2015.
- Singh, A., R. Maichle, and S. Lee. 2006. *On the Computation of a 95% Upper Confidence Limit of the Unknown Population Mean Based Upon Data Sets with Below Detection Limit Observations*. EPA/600/R-06/022. March 2006. <http://www.epa.gov/osp/hstl/tsc/softwaredocs.htm>.
- The Climate Registry. 2015. The Climate Registry Default Emission Factors.
- TRI. 2001. *Stage 1 Preliminary Site Investigation, 731 Centennial Road, Vancouver, BC*. Technology Resource Inc. August 20, 2001.
- TRI. 2002. *Stage 2 Preliminary Site Investigation, 731 Centennial Road, Vancouver, BC*. Technology Resource Inc. January 15, 2002.
- Trow. 2004. *Stage 2 Preliminary Site Investigation & Limited Detailed Site Investigation*. Trow Associates Inc. July 28, 2004.
- Trow. 2005. *Electrical Vault Stockpile Sampling & Relocation Program*. Trow Associates Inc. August 11, 2005.
- Trow. 2005. Letter Report Berth Face Stockpile Sampling & Relocation Program. Trow Associates Inc. August 11, 2005.
- Trow. 2006a. *Berth 6, Berth Access Corridor, Phase 8 & 9 and West Half South Access Road: Soil Excavation, Stockpiling and Sampling Program Centerm Terminal, Vancouver, B.C.* Trow Associates Inc. June 16, 2006.
- Trow. 2006b. *Phase II – Environmental Site Assessment for Proposed Site Services Facility Centerm Container Terminal, 555 Centennial Road, Vancouver, BC*. Trow Associates Inc. January 2006.
- TWN. 2005. *Marine Stewardship Program Plan*. August 2005.
- URS. 2008. *Phase I Environmental Site Assessment, Centennial Terminals Facility, Vancouver, British Columbia*. URS Canada Inc. April 7, 2008.
- URS. 2009. *Phase II Environmental Site Assessment, Centennial Terminals Facility, Vancouver, British Columbia*. URS Canada Inc. January 8, 2009.
- USEPA. 2005. *Guideline on Air Quality Models (Revised)*. Codified in Appendix W to 40 US Code of Federal Regulations (CFR) Part 51. November 2005.
- USEPA. 2012. *ProUCL Version 4.1 User Guide (Draft)*. EPA/600/r-07/041. US Environmental Protection Agency, Office of Research and Development, Washington, DC. http://www.epa.gov/osp/hstl/tsc/ProUCL_v4.1_user.pdf.
- Vancouver World Daily Newspaper. 1923. "The Big Ballantyne Pier in the Port of Vancouver as It Will appear when completed in October Next." page 9, June 11, 1923. https://www.newspapers.com/clip/1018237/drawing_of_the_ballantyne_pier_sheds/.
- Vancouver. 2016. Vancouver Bylaw #6779 and 7434. <http://former.vancouver.ca/commsvcs/BYLAWS/CD-1/ByCD-1Number.htm> - Retrieved March 10, 2016.

- WorkSafeBC. 2008. Guidelines Part 20 – Demolition, Section G20.112 Hazardous Materials – Asbestos, revision date of February 1, 2012.
<https://www2.worksafebc.com/publications/OHSRegulation/GuidelinePart20.asp?ReportID=35098>.
- WRI. 2015. CAIT 2.0. 2015. Climate Analysis Indicators Tool: WRI's Climate Data Explorer. Washington, DC: World Resources Institute. <http://cait2.wri.org>. Accessed: 23 February 2016.
- Zogaris, S. 1980. *Maplewood Flats upland and basin; wildlife habitat significance*. Vancouver. Western Canada Wilderness Committee and Vancouver Natural History Society.