

8.0 REFERENCES

8.1 Literature Cited

- Agriculture and Agri-Food Canada. 1998. The Canadian Soil Classification System, 3rd Edition. Agriculture and Agri-Food Canada Publication 1646. NRC Research Press. Ottawa, Ontario.
- Alberta Environment. 2006. Code of Practice for Watercourse Crossings; Water Act – Water (Ministerial Regulation). Queen’s Printer for Alberta. Edmonton, Alberta.
- Alberta Environment and Sustainable Resource Development. 2012. Fish and Wildlife Information Management System (FWMIS). <http://www.srd.alberta.ca/FishWildlife/FWMIS/AccessFWMISData.aspx>.
- Alberta Invasive Plant Council. 2012. Common Buckthorn *Rhamnus cathartica*. Fact Sheet. <https://www.invasiveplants.ab.ca/factsheets/FS-CommonBuckthorn.pdf?iframe=true&width=800&height=600>.
- Alberta Lake Sturgeon Recovery Team. 2011. Alberta lake sturgeon recovery plan, 2011-2016. Alberta Environment and Sustainable Resource Development, Alberta Species at Risk Recovery Plan No. 22. Edmonton, AB. 98 pp.
- Alberta Parks, Tourism and Recreation. 2012. Alberta Conservation Information Management System (ACIMS). <http://tpr.alberta.ca/parks/heritageinfocentre/datarequests/searchdata.aspx>.
- Allan, J. H. 1984. The Fish and Fisheries of the North Saskatchewan River Basin; Their Status and Environmental Requirements. *Report of Pisces Environmental Consulting Services Ltd. Prepared for Alberta Environment*. Edmonton, Alberta. In Pisces Environmental. 2010. Assessment of the Fisheries Resources and Habitat of the North Saskatchewan River for the Proposed Cloverdale LRT Bridge Crossing.
- Caceres, M. C., and M. J. Pybus. 1997. Status of the Northern Long-eared Bat (*Myotis septentrionalis*) in Alberta. Alberta Environmental Protection, Wildlife Management Division, Wildlife Status Report No. 3, Edmonton, AB. 19 pp.
- City of Edmonton. 2008. City of Edmonton Biodiversity Report. http://www.edmonton.ca/environmental/documents/BIO_DIVERSITY_REPORT_-_high_res_August2008.pdf
- City of Edmonton. 2009. The Way We Move: Transportation Master Plan. City of Edmonton. Edmonton, Alberta.
- City of Edmonton. 2010. The Way We Grow: Municipal Development Plan Bylaw 15100. City of Edmonton. Edmonton, Alberta.

- City of Edmonton. 2013a. Population History. http://www.edmonton.ca/city_government/facts_figures/population-history.aspx.
- City of Edmonton 2013b. Contractor's Environmental Responsibilities Package: Construction, Maintenance and Service Activities. Version 2.0. Edmonton, Alberta.
- City of Edmonton 2013c. Neighbourhoods Map. http://www.edmonton.ca/for_residents/neighbourhoods/neighbourhood-maps.aspx. Edmonton, Alberta.
- City of Edmonton 2013d. Sewer and water system facts and statistics. http://www.edmonton.ca/city_government/utilities/sewer-facts-and-statistics.aspx. Edmonton, Alberta.
- City of Edmonton 2013e. City of Edmonton Zoning Bylaw, 12800. <http://webdocs.edmonton.ca/InfraPlan/zoningmaps/page47.pdf>. Edmonton, Alberta.
- Connected Transit Partnership. 2013a. City of Edmonton, Southeast Light Rail Transit North Saskatchewan River Valley Phase I Environmental Site Assessment. Edmonton, Alberta.
- Connected Transit Partnership. 2013b. City of Edmonton, Southeast Light Rail Transit North Saskatchewan River Valley Phase II Environmental Site Assessment. Edmonton, Alberta.
- Connected Transit Partnership. 2013c. City of Edmonton, Southeast LRT Reference Design, Design Development Report: Stormwater Management. Edmonton, Alberta.
- Connected Transit Partnership. 2013d. City of Edmonton, Southeast LRT Reference Design, Design Development Report: Quarters Tunnel: Ramps and Portals. Edmonton, Alberta.
- Connected Transit Partnership. 2013e. City of Edmonton, Southeast LRT – Preliminary Design, Noise and Vibration – Southeast Line. Edmonton, Alberta.
- Connected Transit Partnership. 2013f. City of Edmonton, Southeast LRT Reference Design, Design Development Report: Utilities Investigation. Edmonton, Alberta.
- Craig, J. F. ed. 1996. Pike Biology and Exploitation. Chapman and Hall, 2-6 Boundary Row, London, UK. In Pisces Environmental Consulting Services Ltd. 2013. Preliminary fisheries resources impact assessment for the proposed Cloverdale Light Rail Transit Bridge over the North Saskatchewan River.

- Edmonton Geological Society. 1993. *Edmonton Beneath our Feet: a Guide to the Geology of the Edmonton Region*. Edmonton Geological Society. Edmonton, Alberta.
- EPEC Consulting Western Ltd. 1981. North Saskatchewan river valley and river system biophysical study. Inventory and analysis map folio. Unpublished report prepared for City of Edmonton, Department of Parks and Recreation. Edmonton, Alberta.
- Fisher, C., and J. Acorn. 1998. *Birds of Alberta*. Lone Pine Publishing. Edmonton, Alberta.
- Folinsbee, J. 1993. *City of Edmonton Deer Survey 15 January 1993*. Department of Environmental Protection, Fish and Wildlife Division, Province of Alberta, Edmonton, Alberta.
- Gregory, G. S., J. A. Servizi, and D.W. Martens. 1993. Comment: Utility of Stress Index for Predicting Suspended Sediment Effects. *North American Journal of Fisheries Management*. 13:868-873.
- Hamilton, I. M., J. L. Skilnick, H. Troughton, A. P. Russell, and G. L. Powell. 1998. Status of the Canadian toad (*Bufo hemiophrys*) in Alberta. Alberta Environmental Protection, Wildlife Management Division, and the Alberta Conservation Association, Wildlife Status Report No. 12. Edmonton, Alberta.
- Inskip, P. D. 1982. Habitat Suitability Index Models: Northern Pike. Prepared for U.S. Department of the Interior, Fish and Wildlife Service. Washington DC. 40 pp. In Pisces Environmental Consulting Services Ltd. 2013. Preliminary fisheries resources impact assessment for the proposed Cloverdale Light Rail Transit Bridge over the North Saskatchewan River.
- Johnson, D., L. Kershaw, A. MacKinnon and J. Pojar. 1995. *Plants of the Western Boreal Forest and Aspen Parkland*. Lone Pine Publishing. Edmonton, Alberta.
- Kathol, C. P. and R. A. MacPherson. 1975. *Urban Geology of Edmonton*. Alberta Research Council Bulletin no. 32.
- Kershaw, L., J. Gould, D. Johnson, and J. Lancaster. 2001. *Rare Vascular Plants of Alberta*. University of Alberta Press. Edmonton, Alberta.
- Kippen Gibbs Landscape Architects Ltd. 1993. *Environmental Impact Assessment Main Report for the Rossdale Water Intake Relocation Project*. Prepared for the City of Edmonton Public Works. Edmonton, Alberta.
- McAfee, W. R. 1996. Mountain whitefish p. 299-303 in A Calhoun [ed.]. *Inland fisheries management*. State of California Department of Fish and Game. In

- Pisces Environmental. 2010. Assessment of the Fisheries Resources and Habitat of the North Saskatchewan River for the Proposed Cloverdale LRT Bridge Crossing.
- McMahon, T. E., J. W. Terrell, and P. C. Nelson. 1984. Habitat suitability information: Walleye. U.S. Fish and Wildlife Service. In Pisces Environmental. 2010. Assessment of the Fisheries Resources and Habitat of the North Saskatchewan River for the Proposed Cloverdale LRT Bridge Crossing.
- Moss, E. H. 1983. Flora of Alberta. Second Edition. University of Toronto Press. Toronto, Ontario.
- Natural Regions Committee. 2006. Natural Regions and Subregions of Alberta. Compiled by D.J. Downing and W.W. Pettapiece. Government of Alberta. Pub. No. T/852.
- Newcombe, C. P. and J. O. T. Jenson. 1996. Channel suspended sediments and fisheries: A synthesis for quantitative assessment of risk and impact. North American Journal of Fisheries Management. 16: 693-727.
- O'Neil, J. and L. Hildebrand. 1986. Fishery Resources Upstream of the Oldman River Dam. Prepared for Alberta Environment by R.L.&L. Environmental Services Ltd. Edmonton, Alberta. In Pisces Environmental. 2010. Assessment of the Fisheries Resources and Habitat of the North Saskatchewan River for the Proposed Cloverdale LRT Bridge Crossing.
- Paquet, P. M. L. Gibea, S. Herrerro, J. Jorgenson, and J. Green. 2004. Wildlife corridors of the Bow River Valley Alberta: A strategy for maintaining well-distributed, viable populations of wildlife. A report to the Bow River Valley Corridor Task Force. Canmore, Alberta.
- Pattie, D. and C. Fisher. 1999. Mammals of Alberta. Lone Pine Publishing. Edmonton, Alberta.
- Pisces Environmental Consulting Services Ltd. 2010. Assessment of the Fisheries Resources and Habitat of the North Saskatchewan River for the Proposed Cloverdale LRT Bridge Crossing. Prepared for Spencer Environmental Management Services Ltd. Red Deer, Alberta.
- Pisces Environmental Consulting Services Ltd. 2011. Assessment of the Fisheries Resources and Habitat of the North Saskatchewan River for the Proposed Walterdale Bridge Replacement Project. Prepared for Spencer Environmental Management Services Ltd. Red Deer, Alberta.
- Pisces Environmental Consulting Services Ltd. 2013. Preliminary fisheries resources impact assessment for the proposed Cloverdale Light Rail Transit Bridge over the

- North Saskatchewan River. Prepared for Spencer Environmental Management Services Ltd. Red Deer, Alberta.
- Raat, A. 1988. Synopsis of biological data on the northern pike (*Esox lucius*) Linnaeus, 1758. FAO Fish. Synop. 30(Rev. 2): 178 pp. Pisces Environmental Consulting Services Ltd. 2013. Preliminary fisheries resources impact assessment for the proposed Cloverdale Light Rail Transit Bridge over the North Saskatchewan River.
- River Valley Alliance. 2013. River Valley Alliance. <http://www.rivervalley.ab.ca/>
- Russell, A. P. and A. M. Bauer. 2000. The amphibians and reptiles of Alberta. University of Alberta Press. Edmonton, Alberta.
- Sentar Consultants Ltd. 1996. Rosedale Water Intake Relocation Project: Fisheries Resources and Habitat Assessment. Prepared for the City of Edmonton. Edmonton, Alberta.
- Spencer Environmental Management Services Ltd. 2005. Louise McKinney Riverfront Park Phase II Development Environmental Screening Report. Edmonton, Alberta.
- Spencer Environmental Management Services Ltd. 2006. State of Natural Areas Project: Landscape Linkages/Connectivity Analysis Summary Report. Prepared for the City of Edmonton. Edmonton, Alberta.
- Spencer Environmental Management Services Ltd. 2011. Scona Road Rehabilitation and Widening Environmental Screening final report. Prepared for ISL Engineering and Land Services, Ltd., The City of Edmonton Capital Construction Roads Design and Construction. Edmonton, Alberta.
- Spencer Environmental Management Services Ltd. 2012. Walterdale Bridge Replacement Environmental Assessment. Final Report. Prepared for City of Edmonton Transportation Services. Edmonton, Alberta.
- Strohmayr P. 1999. Soil stockpiling for reclamation and restoration activities after mining and construction. Restoration and Reclamation Review 4: 1-6.
- Thompson, G. E. and R. W. Davies. 1976. Observation on age, growth, reproduction, and feeding of mountain whitefish (*Prosopium williamsoni*) in the Sheer River, Alberta. Transactions of the American Fisheries Society. 105: 208-219. In Pisces Environmental. 2010. Assessment of the Fisheries Resources and Habitat of the North Saskatchewan River for the Proposed Cloverdale LRT Bridge Crossing.

- Thurber Engineering. 2012a. Edmonton Southeast LRT Extension: Quarters to Connors Road: an Overall Appraisal of Geotechnical Conditions Along the LRT Alignment. Prepared for AECOM. Edmonton, Alberta.
- Thurber Engineering. 2012b. Edmonton's Southeast Light Rail Transit: Quarters to Cloverdale Preliminary Assessment of the Stability of the South Valley Slope along Connors Road. Prepared for AECOM. Edmonton, Alberta.
- Thurber Engineering. 2013b. Edmonton Southeast Light Rail Transit Extension: Deformation Analysis of North Valley Slope with Stabilization Piles. Prepared for AECOM. Edmonton, Alberta.
- T. Lamb, McManus & Associates. 1976. Grierson Hill Bicycle and Pedestrian Bridge. Design Drawing D2. Prepared for Alberta Environment. Edmonton, Alberta.
- Vermont Agency of Natural Resources. 2005. Riparian Buffers and Corridors – Technical papers. Vermont Agency of Natural Resources, Waterbury, Vermont. <http://www.anr.state.vt.us/site/html/buff/buffer-tech-final.pdf>
- Watters, D. 1993. Lake Sturgeon, *Acipenser fulvescens* Rafinesque, in the North Saskatchewan River, Alberta. Fish and Wildlife Service, Department of Environmental Protection. Edmonton, Alberta. In Pisces Environmental. 2010. Assessment of the Fisheries Resources and Habitat of the North Saskatchewan River for the Proposed Cloverdale LRT Bridge Crossing.
- Waters, T. F. 1995. Sediment in Streams: Sources, Biological Effects and Control. American Fisheries Society Monograph 7.
- Westworth and Associates. 1980. Environmental inventory and analysis of the north Saskatchewan river valley and ravine system – vegetation and wildlife. In: EPEC Consulting Western Ltd. 1981. North Saskatchewan river valley and ravine system biophysical study. Unpublished report prepared for City of Edmonton, Department of Parks and Recreation. Edmonton, Alberta.

8.2 Personal Communications

- Buchanan, Sean, Planner, Community Services, City of Edmonton.
- Cej, Carole, Senior Engineer, LRT Design and Construction, Transportation Services, City of Edmonton.
- Elliott, Elicia, Public Engagement Advisor, Corporate Communications, Office of the City Manager, City of Edmonton.
- El-Ramly, Hassan, Ph.D., P.Eng., Review Principal, Thurber Engineering Ltd.
- Fordice, Kelly, E.I.T., Project Engineer AECOM

Oke, Nick, M.Sc., P.Chem., Senior Environmental Scientist, AECOM Canada Ltd.,
ConnectEd Transit Partnership

Ramsey, Bob, P.Eng., Bridge Technical Director, AECOM Canada Ltd., ConnectEd
Transit Partnership

Raszko, Ed., RET, AECOM Canada Ltd., ConnectEd Transit Partnership

Wang, Xiaobo, Ph.D., P.Eng., Associate, Geotechnical Engineer, Thurber Engineering
Ltd.

Ward, Jeff. Senior Engineer, LRT Design and Construction, Transportation Services,
City of Edmonton

Watters, Daryl, Fisheries Biologist, Fish and Wildlife, Alberta Environment and
Sustainable Resource Development