

# **Appendix A:** List of Background Sources Reviewed





About and Associates Inc. (2010). 1897 Gordon Street (Bird Property) - Environmental Impact Study and Tree Conservation Plan (2nd Submission). Prepared for Thomasfield Homes, September 3, 2010. 145 pp.

About and Associates Inc. and GM BluePlan Engineering. (2010). 2013/2014 Monitoring Report, Bird Landing Subdivision, City of Guelph. Prepared for Bird Landing Subdivision, November 10, 2014. 109 pp.

About and Associates Inc., Banks Groundwater Engineering Limited, and Gamsby and Mannerow Limited. (2013). Environmental Implementation Report, Bird Landing Subdivision, Draft Plan of Subdivision 23T-08505 (1897 Gordon Street), City of Guelph. Prepared for Thomasfield Homes Limited, February 13, 2013. 995 pp.

Aquafor Beech, (September 2012), 132 Clair Road West, Guelph, Draft Environmental Impact Study

Banks Groundwater Engineering (2015), Hydrogeological Investigation Environmental Impact Study, Proposed Development, 132 Clair Road West, City of Guelph

Banks Groundwater Engineering (2016), Groundwater Monitoring Program – Bird Landing Residential Development Site, 1897 Gordon Street, Guelph (Banks Groundwater Engineering, 2016)

Black, Shoemaker, Robinson and Donaldson, Hoyle, K. J., North-South Environmental Inc., Stantec Consulting. (2005). West Minster Wood East, Phase 2, Environmental Implementation Report. First Draft. 33pp.

Bouwer, H., and Rive, R.C. 1976. A slug test for determining hydraulic conductivity of unconfined aquifers with completely or partially penetrating wells. *Water Resources Research*, 12(3), 423.

Canadian Council of Ministers of the Environment (CCME). 1994. Subsurface Assessment Handbook for Contaminated Sites. Prepared by the Waterloo Centre for Groundwater Research, University of Waterloo. Report CCME-EPC-NCSRP-48E. March 1994.

Research, University of Waterloo. Report CCME-EPC-NCSRP-48E. March 1994.

Canadian Environmental Quality Guidelines (CEQG). 1999. Canadian Environmental Quality Guidelines for the Protection of Aquatic Life – Freshwater Summary Table (1987-2015). Canadian Council of Ministers of the Environment, Winnipeg, Manitoba

Chapman, L.J. and Putnam, D.F. (1966). *The Physiography of Southern Ontario*, Second Edition. The Ontario Research Foundation, University of Toronto Press, 386 pp.

Chapman, L.J. and Putnam, D.F. (1984). *The Physiography of Southern Ontario*, Third Edition. The Ontario Research Foundation, University of Toronto Press, 386 pp.

CH2M Gore & Storrie Limited, Gartner Lee Ltd., RBA Planning Consultants Ltd., Slater Research Services, Schroeter & Associates Ltd. and A. Wayne Caston Consulting Services Ltd. (1996) Mill Creek Subwatershed Plan. Prepared for the Grand River Conservation Authority, June 1996.

City of Guelph, (Adopted by Guelph City Council on March 15, 1999), Administrative Update February 14, 2002, City of Guelph South Gordon Community Plan

City of Guelph. 2012. Locally Significant Plant List. 24 pp.

City of Guelph. (2001). Official Plan 2001, September 2014 Consolidation. 369 pp.

City of Guelph. (2014). Official Plan Amendment Number 42: Natural Heritage System. 55 pp.

City of Guelph. (2015). Clair-Maltby Secondary Plan Terms of Reference, Report No. 15-99. Staff Report to Infrastructure, Development and Enterprise Committee. December 8, 2015.

City of Guelph, (February 13, 2013) Environmental Implementation Report (EIR)

City of Guelph, (April 5, 2013), Hanlon Creek Business Park 2009-2011 Consolidated Monitoring Reports, 2012-2013

Coulson, D., Ertel, P. and Michalak, L. (1993). Cranberry – Oil Well Bog Complex Wetland Evaluation.

CVC (Credit Valley Conservation) and TRCA (Toronto and Region Conservation Authority). (2014). Evaluation, Classification and Management of Headwater Drainage Features Guideline.

Dance Environmental Inc. (2014). Scoped E.I.S., 424 Maltby Road, Wellington County, Township of Puslinch. Prepared for Persian Investments Ltd., April 14, 2014. 94 pp.

Dougan & Associates. (2005). Guelph Amphibian Survey Database 2004 - 2005. Included in the Guelph Natural Heritage Strategy, Phase 1.

Dougan & Associates with Snell & Cecile Environmental Research. (2009a). Guelph Natural Heritage Strategy, Phase 2: Terrestrial Inventory & Natural Heritage System, Volume 1. March 2009.

Dougan & Associates with Snell & Cecile Environmental Research. (2009). Guelph Natural Heritage Strategy, Phase 2: Terrestrial Inventory & Natural Heritage System, Volume 2: Technical Appendices. March 2009.

Ecologistics, (1988), Hydrogeologic, Water & Sediment Depth Evaluation for Thomasfield Homes Lake

Gamsby & Mannerow Limited, (April 2010), Preliminary Servicing Strategy for the Lands South of Clair Road with Appendix (separate file), City of Guelph

Gamsby & Mannerow Limited, (July 2010), Site Servicing and Stormwater Management Report, 1897 Gordon Street, City of Guelph

Gamsby & Mannerow Limited, (February 13, 2013), Environmental Implementation Report Bird Landing Subdivision, Draft Plan of Subdivision 23T-08505 (1897 Gordon Street), City of Guelph

Gamsby & Mannerow Limited, (October 23, 2013), Environmental Implementation Report Addendum # 1, Bird Landing Subdivision, Draft Plan of Subdivision 23T-08505 (1897 Gordon Street), City of Guelph

Gamsby & Mannerow Limited, (Revised December 17, 2013), Stormwater Management Final Design Report, Bird Landing Subdivision 1897 Gordon Street, Draft Plan of Subdivision 23T-08505, City of Guelph

Gartner Lee Limited, (December 1997), City of Guelph-South Guelph Secondary Plan Area Scoped EIS Hydrogeological Assessment

Golder (2009), Guelph Waterworks Groundwater Monitoring System

Golder (2010), City of Guelph Southwest Quadrant Water Supply Class Environmental Assessment -Interim Draft Hydrogeological Report

GM Blue Plan Engineering, (November 2014), 2013 / 2014 Monitoring Report Bird Landing Subdivision, City of Guelph

GRCA (Grand River Conservation Authority). (2015). Policies for the Administration of the Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation Ontario Regulation 150/06. Approved and effective Oct. 23, 2015. Health Canada (2014). *Guidelines for Canadian Drinking Water Quality – Summary Table*. Water and Air Quality Bureau, Healthy Environments and Consumer Safety Branch, Health Canada, Ottawa, Ontario.

Hyder et. al. 1994. *Slug tests in partially penetrating wells*. Water Resources Research, 30(11), 2945.

International Atomic Energy Agency (IAEA) 2001. Annual Report 2000. Prepared by the IAEA. Austria. July 2001.

- Karrow, P.F. (1968). Pleistocene Geology of the Guelph Area. Geological Report 61, Ontario Department of Mines, Geological Report 61, Toronto. 38 pp + Map 2153 (1:63,360).
- Karrow, P.F. (1987). Quaternary Geology of the Hamilton-Cambridge Area, Southern Ontario. Ontario Geological Survey, Report 255. 94pp.
- Kor, P.S.G. (2005). Earth Science Inventory Checklist: Paris Moraine ANSI. Ontario Ministry of Natural Resources, Ontario Parks, Peterborough, Ontario. 5 pp.
- Lee, H.T., W.D. Bakowsky, J. Riley, J. Bowles, M. Puddister, P. Uhlig and S. McMurray. (1998). Ecological Land Classification for Southern Ontario: First Approximation and Its Application. Ontario Ministry of Natural Resources. SCSS Field Guide FG-02. 225 pp.
- LGL Limited. (2003). Bird Property, Gordon Street, City of Guelph, Thomasfield Homes Re-Zoning Application, Environmental Overview and Impact Analysis. Received by Scott Hannah, January 20, 2003. 9 pp.
- Matrix, (2017), City of Guelph and Township of Eramosa Tier Three Water Budget and Local Area Risk Assessment
- MMM (Marshall Macklin Monaghan Ltd.) and LGL Ltd. (1993). Hanlon Creek Watershed Plan: Final Report. October 1993.
- McCormick Rankin Corporation, and Gamsby and Mannerow Limited (2003). Victoria Road Class Environmental Assessment, Environmental Study Report. City of Guelph. 486 pp.
- McGill, M. (2012). A Sedimentological and Geomorphological Investigation of the Paris Moraine in the Guelph Area, Ontario, Canada. M.Sc. Thesis, University of Guelph, Guelph, Ontario. 232 pp.
- McEachren, J. (2012). Maltby Road Reconstruction, Post Construction Monitoring 2012. City of Guelph. 8 pp.
- Mitz, C. W. (2007). Southgate Business Park Post-Development Water Balance: Wetland Impacts." Prepared for Joh Perks, December 4, 2007. 5 pp.
- MMAH (Ministry of Municipal Affairs and Housing). (2014). Provincial Policy Statement.
- MNRF (Ministry of Natural Resources and Forests - formerly MNR). (2000). Significant Wildlife Habitat Technical Guide. 151 p.

MNRF (Ministry of Natural Resources and Forests - formerly MNR), Grand (Grand River Conservation Authority) and Ducks Unlimited. (2005). Grand River Watershed Wetland Evaluation Protocol. 81 p.

MNRF (Ministry of Natural Resources and Forests - formerly MNR). (2010). Natural Heritage Reference Manual for Natural Heritage Policies of the Provincial Policy Statement 2005.

MNRF (Ministry of Natural Resources and Forests - formerly MNR). (2013). Ontario Wetland Evaluation System, Southern Manual, 3<sup>rd</sup> Edition, Version 3.2. Queen's Printer for Ontario.

MNRF (Ministry of Natural Resources and Forests - formerly MNR). (2014). Significant Wildlife Habitat Mitigation Support Tool.

MNRF (Ministry of Natural Resources and Forests - formerly MNR). (2015). Significant Wildlife Habitat Criteria Schedules for Ecoregion 6E. January 2015.

MNRF (Ministry of Natural Resources and Forests - formerly MNR). (2017). Survey Protocol for Species at Risk Bats within Treed Habitats: Little Brown Myotis, Northern Myotis & Tri-Colored Bat. April 2017.

MOECC (Ministry of Environment and Climate Change – formerly MOE). (1994). *Policies Guidelines and Provincial Water Quality Objectives of the Ministry of Environment and Energy*. Queen's Printer for Ontario. Toronto, ON.

NHIC (Natural Heritage Information Centre). (2017). Natural Heritage Information Centre Website. Available at <<https://www.ontario.ca/page/get-natural-heritage-information>>. Last accessed in May 2018.

North-South Environmental Inc., (February 2014), 161, 205 and 253 Clair Road East, Guelph Environmental Implementation Report

North-South Environmental Inc., (August 28, 2015) 132 Clair Road West, Guelph Scoped Environmental Impact Study

NRSI (Natural Resource Solutions Inc.). (2004). Hanlon Creek Business Park, Consolidated Environmental Impact Study. Prepared for the City of Guelph, November 2004. 110 pp.

NRSI (Natural Resource Solutions Inc.). (2007). Southgate Business Park, Draft Plan of Subdivision, Environmental Impact Study. Prepared for Industrial Equities Guelph Corporation, July 2007. 164 pp.

NRSI (Natural Resource Solutions Inc.). (2009). Hanlon Creek Business Park, Environmental Implementation Report. Prepared for the City of Guelph, February 2009. 433 pp.

NRSI (Natural Resource Solutions Inc.). Maltby Road Wildlife Movement Surveys, 2009-2010 Summary Report. Prepared for the City of Guelph, July 2010. 24 pp.

NRSI (Natural Resource Solutions Inc.). Maltby Road Wildlife Movement Surveys, 2009-2011 Summary Report. Prepared for the City of Guelph, June 2011. 26 pp.

NRSI (Natural Resource Solutions Inc.). (2012a). Southgate Business Park 23T-06503 Environmental Implementation Report. Prepared for Industrial Equities Guelph Corporation, February 2012. 928 pp.

NRSI (Natural Resource Solutions Inc.). (2012b). Southgate Business Park 23T-06503 Environmental Implementation Report, Phase 2 Addendum. Prepared for Industrial Equities Guelph Corporation, November 2012. 331 pp.

NRSI (Natural Resource Solutions Inc.). (2012c). Species at Risk Habitat Screening - Results, 331 Clair Road, Guelph Ontario. Prepared for Acorn Developments, September 10, 2012. 12 pp.

NRSI (Natural Resource Solutions Inc.). (2014). Southgate Business Park Environmental Implementation Report, Phase 2 Addendum Response Package (Final Submission). Prepared for the City of Guelph, January 9, 2014. 148 pp.

NRSI (Natural Resource Solutions Inc.), AECOM, and Banks Groundwater Engineering Limited. (2016). Hanlon Creek Business Park, 2013 Consolidated Monitoring Report. Prepared for the City of Guelph, January 18, 2016. 125 pp.

NSEI (North-South Environmental Inc.). (2001). Environmental Impact Study, Westminster Wood East (Adam's Farm). Prepared for Westminster Woods Ltd., July 2001. 82 pp.

NSEI (North-South Environmental Inc.). (2002). Westminster Wood East, Phase 1, Environmental Implementation Report (Including Tree Conservation Plan). Prepared for Westminster Woods, March 15, 2002. 26 pp.

NSEI (North-South Environmental Inc.). (2014). 161, 205 and 253 Clair Road East, Guelph - Environmental Implementation Report. Prepared for Victoria Wood (Dallan) GP Inc., February 2014. 189 pp.

NSEI (North-South Environmental Inc.). (2015). 132 Clair Road West, Guelph - Scoped Environmental Impact Study. Prepared for Mr. Jeff Neumann, August 28, 2015. 250 pp.

NSEI (North-South Environmental Inc.). (2016). 161, 205 and 253 Clair Road East, Guelph - Year-End Report (2013-2015). Prepared for the City of Guelph and the Grand River Conservation Authority, August 2016. 61 pp.



- OGS (Ontario Geological Survey) (2003). The Surficial Geology of Southern Ontario. Ontario Geological Survey, MRD128. Ontario Ministry of the Environment (MOE). 2006. *Technical Support Document for Ontario Drinking Water Standards, Objectives and Guidelines*. PIBS 4449e01. June 2003. Revised June 2006.
- PEIL, C. Portt and Associates, Dougan and Associates, Naylor Engineering Associates and Professor Peter Chisholm. (2004). Hanlon Creek State of the Watershed Study. September 2004.
- Springer, R.K. and Gelhar, L.W. 1991. *Characterization of large-scale aquifer heterogeneity in glacial outwash by analysis of slug tests with oscillatory responses, Cape Cod, Massachusetts*. U.S. Geological Survey Water Resources Investigation Report. 91-4034, 36
- Stantec Consulting Ltd. (2009). Dallen Lands EIS Addendum Report. Prepared for Victoria Wood, August 2009. 77 pp.
- Stantec Consulting Ltd., (November 2013), Springfield Golf and Country Club 2009 to 2013 Groundwater Monitoring Report
- Stantec Consulting Ltd. (2014). 23T-03507 Former Pergola Lands Subdivision Phase II: Environmental Implementation Report. Prepared for Reid's Heritage Homes, February 4, 2014. 204 pp.
- Stantec Consulting Ltd. (2017), Hydrogeological Assessment, 1888 Gordon Street, City of Guelph, Ontario
- Tilt, N., Ferguson, M. S., McCracken, J. D., Coulson, D., Peluch, J. and Kempf, F. (1984). Mill Creek Wetland Evaluation.
- Timmerman, A., Adams, P., Marshall, J., Weeks, G., Ursic, K. and Ursic, M. (2010). Hall's Pond Wetland Evaluation.
- TSH (Totten Sims Hubicki Associates), Ecological Services Group, Ray Blackport, Mark L. Dorfman, PInner Inc., Schroeter & Associates and Donald. G. Weatherbe Associates. (1998). Torrance Creek Subwatershed Study Management Strategy. Submitted to the City of Guelph and Grand River Conservation Authority September 1998. Revised November 1998
- TSH (Totten Sims Hubicki Associates), Ecological Services Group, Ray Blackport, Mark L. Dorfman, PInner Inc., Schroeter & Associates and Donald. G. Weatherbe Associates. (1999). Torrance Creek Subwatershed Study Management Strategy: ADDENDUM. Submitted to the City of Guelph and Grand River Conservation Authority September 1998. Revised November 1998. Addendum January 20, 1999.

TSH (Totten Sims Hubicki Associates), (2000). Gordon Street, Wellington Road 46, Class Environmental Assessment, Environmental Study Report, Volume One: Main Report. City of Guelph and the County of Wellington. 122 pp.

TSH Engineers Architects Planners. (2007). Hanlon Creek Business Park - SWM Design Report. Prepared for the City of Guelph, November 2007. 188 pp

Urban Strategies Inc., (May 2009), City of Guelph Urban Design Action Plan

Wellington County. (2015). Wellington County Official Plan 1999, 2015 Consolidation. Approved May 6, 1999. Last revised March 9, 2015

V.A. Wood (Guelph) Incorporated, (December 2004), Preliminary Geotechnical Investigation, Proposed Residential Development, Bird Property, City of Guelph, Ontario

V.A. Wood (Guelph) Incorporated, (December 2010), Additional Geotechnical Investigation Proposed Residential Development, 1897 Gordon Street, City of Guelph, Ontario

VA. Wood (Guelph) Inc., (January 2013), Geotechnical Investigation Gosling Gardens Extension 1897 Gordon Street, Guelph, Ontario