

Option 2. Project Plan – City of Richmond

Project Proponent Information	
Name of Local Government Project Proponent(s)	City of Richmond
Project Designate appointed to sign off on Project Plan	<p>Name: Dr. Andrew Black Title: Professor of Biometerology and Soil Physics, Faculty of Land and Food Systems, University of British Columbia Qualifications: For almost 50 years, Dr. Black's work has focused on the measurement of carbon, energy, and water balances of forests and wetland, as well as improving the collective knowledge on the processes controlling their interactions. Phone: 604-822-2730 Email: andrew.black@ubc.ca</p>
Project Contact	<p>Name: Clive Welham Title: Managing Director, 3GreenTree Ecosystem Services Ltd. Phone: 604-761-4007 Email: clive.welham@3greentree.com</p>
Project Information	
Project title	Sun Hor Lum Conservation Area Preservation
Project description and objectives	<p>In 2011, the City of Richmond purchased a 6.1-hectare property in the Northeast region of the City as a complement parcel to an adjacent 13.8-hectare property that was acquired in 1991. The properties contain some of the last remnants of the natural Richmond Lesser Lulu Island Bog habitat located in Richmond. The 2011 property was purchases to expand the existing bog conservation area, and to ensure the preservation of the property and its carbon storage capacity.</p> <p>For this carbon credit quantification project, the carbon storage amount of the Northeast Bog (Sun Hor Lum) Conservation Area was compared to a scenario where the land would have otherwise been developed for agricultural purposes. This project focused on quantifying the existing carbon stored and sequestered and reviewed and recommended measures that would maintain the bog's hydrological system to promote ecosystem function and ultimately to further peat production and associated carbon sequestration. \</p>
Project measurement	See the associated Project Quantification Report by 3GreenTree for a description of the formulas, methodologies and assumptions used for this project, and the total anticipated Greenhouse Gas (GHG) reductions
Third party validation of formulas and methodologies	<p>Name: Dr. Andrew Black Title: Professor of Biometerology and Soil Physics, Faculty of Land and Food Systems, University of British Columbia Phone: 604-822-2730 Email: andrew.black@ubc.ca</p>
Beyond Business as Usual	<p>1) Proposed project start date: January 1, 2012</p> <p>2) Is the project required to meet a legislative or regulatory requirement? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3) Indicate how the Project meets one of the following tests (see Appendix 1):</p> <p><i>Financial Test:</i> There is no financial incentive for this type of property for conservation purposes. Typically, in Richmond purchases of this type of land would result in its conversion to its more financially lucrative purpose (for this scenario this is agricultural production). In this case, the government purchase for conservation purposes will ensure the carbon stored in the bog habitat are retained and the associated avoided emissions release can be used to offset the City of Richmond corporate emissions.</p>

Project co-benefits	Co-benefits of this project include natural habitat and ecosystem preservation and the increase of natural publicly owned green space.
Project Transparency: Accountability and Reporting	
Scope	Land conservation and preservation is not a traditional municipal service and thus is outside of the local government's corporate emissions boundary.
Counted Once	These avoided emissions will be only counted once and will be included in the City of Richmond's formal reporting process in accordance with the Green Communities Committee Carbon Neutral Framework, and will not be sold under any other emission-offset scheme
Ownership	The City of Richmond has exclusive ownership to the Northeast Bog Conservation Area as supported by the appropriate legally binding documentation
Verification	This project has been verified by a qualified third party
Project Plan Template: Authorization and Sign Off	
<p><u>Project Designate</u> The information provided in this Project Plan is to the best of my knowledge correct and complete.</p> <p style="text-align: center;"></p> <p>Designate Signature: Name: Dr. T. Andrew Black Title: Professor of Biometerology and Soil Physics Date: May 21, 2019</p>	