May 21, 2019

City of Richmond
Engineering & Public Works
6911 No. 3 Road
Richmond, BC
V8Y 2C1

Attention: Mr Levi Higgs, Corporate Energy Manager

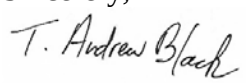
Subject: Third Party Verification, Sun Hor Lum Conservation Area Preservation (Project)

This provides a summary of the review and conclusions resulting from my provision of 'verification' services related to the City's Sun Hor Lum Conservation Area Preservation Project comprising of the Richmond Northeast bog (49° 10'55.48" N, 122° 59'40.51" W) located on the north arm of the Fraser River, bounded by Cambie Road to the north, River Road and the Fraser River to the northeast, and a railway line to the south and west. The report describes and compares the 'Project' emissions, resulting from the preservation of the bog forest relative to land use change, i.e. conversion to agriculture. By identifying carbon sequestration in natural ecosystems to mitigate and offset greenhouse gas (GHG) emissions, this project aims to preserve the stored below- and above-ground biomass carbon within the bog ecosystem, and through impacts on net ecosystem production (NEP). The 'Baseline' scenario is preservation of the bog forest.

In preparation to this verification report, I visited the site and surveyed the bog forest as well as the adjoining agricultural lands, and found that all recommended measures to maintain the bog's hydrological system are in place to preserve this bog forest and its sequestered carbon. I have reviewed and evaluated all documents including "Project description and GHG calculations" and "Methodology" used by 3GreenTree Ecosystem Services Ltd., and have ensured that select due revisions to the methodology used for computing the avoided GHG emissions values were incorporated in the revised documents and calculations, including uncertainty in GHG accounting.

I have checked the mathematical accuracy of the GHG calculations, including carbon stored in the aboveground biomass in the bog forest, the difference in annual NEP between the preserved and disturbed ecosystems, decomposition of peat moss and emissions of methane if the bog would have been drained, subject to the assumptions and arithmetical accuracy, as supported by the citations. As a result of my observations and review of the information provided, preservation of the bog forest and conversion to agriculture, and the resulting project emission avoidance and credits, nothing came to my attention to suggest that the reported credits are not supportable and reasonable for the purposes intended. Please note that I have not performed an audit and this report does not constitute an opinion on the overall emission reductions.

Sincerely,



Dr. T. Andrew Black