

Quarterly Report Form

Project Lead: Linden Lampman

Project No./Name: IAA No. C1900011 - Quantify Stormwater Mitigation Values Associated with Individual Trees

Period Ending:

March 2020

Project Description:

The purpose of proposed work is to develop a rigorously derived hydrologic dataset that shows how stormwater is captured by existing common native evergreen and deciduous trees, based on the physio-climatic conditions of the Pacific Northwest.

Yes	No	Overall Status
X		Is project on schedule?
X		Are project issues being addressed successfully?

% complete as of this status report?	40%	
--------------------------------------	-----	--

Explain all items above checked 'No':

Current Activities:

Interpretation of data from 2019 growing season, discussion of scaling the data to model individual tree water use, collaborating on study design (probe deployment) for growing season 2020, discussion of timing for site visit in 2020

Initial efforts have been undertaken to determine best data curating and analysis methods.

Findings:

Data collection still in process. A website available to project researchers has been set up to visualize the data: <https://fishlab.shinyapps.io/utsDataViewer>

Schedule:

Issues This Period:

Heavy foot traffic at the TESC Parking lot has made us leery of putting throughfall troughs in plain sight. An alternative approach for this site was prototyped and implemented.

Decisions Needed: *(What decisions are needed from whom?)* NA