

Quarterly Report Form

Project Lead: Linden Lampman

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

Period Ending:

September 2019

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?

5%

Explain all items above checked 'No': Delays in purchasing equipment and final approval of QAPP delayed project timeline, and initial implementation of data collection.

Current Activities:

Contract administration and equipment purchasing; Sites located, and study trees identified; Final QAPP reviewed approved and marked complete; Instrumentation for Sap flow at all sites completed; Most instrumentation for through fall completed. One site remains – TESC Parking lot (see issue section); Most soil moisture sensors installed. One site remains – TESC Parking lot.

Diagnosed a faulty piece of equipment and suggested replacement parts (under warranty); Calculations of individual tree water use (the primary project deliverable), including delivery of pertinent literature.

TESC student assisted with site establishment, measuring trees and site conditions, programming equipment, measuring through fall, completing set-up procedures, trouble-shooting data, and other tasks directly associated with the QAPP and field work for tasks 2 and 5

Findings:

None to report

Schedule:

Issues This Period:

Heavy foot traffic at the TESC Parking lot has made us leery of putting through-fall troughs in plain sight. We are working on an alternative approach for this site.

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