Quarterly Report Form

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

Period Ending:
December 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?	30%	

Explain all items above checked 'No': N/A

Current Activities:

Task 1: Contract administration; Task 3: equipment purchasing as needed; Task 4: D4.1 - Instrumentation for through-fall completed. Soil moisture sensors installed at all sites. Identified malfunctioning equipment (ARVD "heating" unit on a sap flow station) and coordinated free replacement; also coordinated the return of the faulty equipment back to the vendor after the anticipated return of the item was not achieved. Coordinated the purchase of additional equipment needed from Dynamax (sap flow instrument manufacturer). D 4.2 - Initial efforts have been undertaken to determine best data curating and analysis methods; Task 5: Sensor maintenance and sensor downloads are occurring on a weekly basis; Task 6: Discussed methodology involved with calculating individual tree water use based on study design and sample size. Task 8: A website available to project researchers has been set up to visualize the data: https://fishlab.shinyapps.io/utsDataViewer

Findings:

None to report

Schedule:

Issues This Period:

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

DNR Representative as listed on page 5 of the current agreement will change in March. Do we need to modify the agreement to name a replacement?

Any other relevant information can be included as an attachment to this document.