

Date: August 24<sup>th</sup>, 2021

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**Through:** Annette Hoffmann, Program Manager, Environmental Assessment Program  
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**From:** Jessica Archer, Statewide Coordination Section Manager, EAP  
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**SUBJECT:** Tasks and Costs for data coordination of Washington Department of Ecology's Environmental Assessment Program in the Stormwater Action Monitoring Projects.

### Background

This technical memo describes the Environmental Assessment Program's (EAP) involvement in the data management and technical assistance efforts of the Stormwater Action Monitoring (SAM) for Puget Small Streams (PSS), Lower Columbia urban streams (LCUS), and the City of Redmond Effectiveness Monitoring Study (RD). This agreement can be reviewed every year for necessary modifications, but is intended to set up a year over year agreement.

The Environmental Information Management (EIM) and Watershed Health Monitoring (WHM) study IDs are as follows:

1. SAM\_PSS: Stormwater Action Monitoring for the Puget Sound Small Streams
2. SAM\_LCU: Stormwater Action Monitoring for Lower Columbia Urban Streams
3. RSM\_EFS1: Redmond Paired Watershed Study

### Tasks

Starting in 2021, EAP will review all data collected under the study IDs shown above. EAP will conduct quality assurance and certify these data for accuracy. Data will be available in Ecology's Watershed Health database. This includes the physical habitat and biological data collected using the Watershed Health Monitoring (WHM) protocols, and calculated metrics which are stored in the WHM database. An overview of the tasks by monitoring study expected of EAP and the approximate number of days required to complete task for each study are shown below.

All the tasks listed below will be completed in a timely manner and the final data should be available to the public in EIM by June of the following year.

Task	Description	Position	Days/site	PSS	EFS1	LCU	Total Days
Site/Study ID and communications	Tasks includes loading of site ids into database, and general operational	NRS3	0.2	6.6	3.6	1.6	11.8

	guidance regarding eforms.						
Data staging	Task includes staging of data in watershed health editor.	ES3/NRS3	0.1	3.3	1.8	.8	5.9
Data Review	Task includes review of all data for quality assurance.	ES3/NRS3	1.3	42.9	23.4	10.4	76.7

Based on the percentage of time each position spends on given task the percentage of time and funding allocated for each position is as follows:

Position	FTE	Total Cost
ES3	0.25	\$21,065
NRS3	0.13	\$13,880
<b>Total</b>		<b>\$34,945</b>

### Final Budget estimate

Based on the number of sites per project, position and estimated time to complete each task, the allocation of funds by project is as follows:

4. SAM\_PSS: \$19,546
5. SAM\_EFS1: \$10,661
6. SAM\_LCU: \$4,738

cc: Katie Rathmell, Unit Supervisor, WQP  
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