



August 3rd, 2023

To: Chelsea Morris, SAM coordinator
Washington State Department of Ecology, Olympia, WA

From: Marlena Milosevich
Natural Resource Specialist III, Clark County Public Works, Vancouver, WA

Subject: Deliverable D1.7: Semi-annual progress reports

1. General Information

Contract Agreement Number:	C2000179
Project Title:	Status and Trends Monitoring of Urban Streams in Clark and Cowlitz Counties in the Lower Columbia River Region (LCUS)
Organization:	Clark County Public Works Clean Water Division (CWD)
CWD Project Manager:	Chad Hoxeng, CWD Interim Monitoring and Assessment Supervisor
Ecology Project Manager:	Chelsea Morris, Stormwater Action Monitoring (SAM) Scientist
Reporting Period:	2023 Q1 and Q2 (January through June)
Date Form was Completed:	03August2023

2. Task Achievements (This reporting period)

Task 1: Project Management

Percent of Task Completed:	13% this period (75% Cumulative Completed) \$6,648.91 of budget used (\$42,292 of \$32,328.00 of budget used total)
Deliverable:	D1.6: Semi-annual progress report
Achievements:	The 2022 Q3 and Q4 D1.6: semi-annual progress report with target date January 31, 2023, was submitted to and accepted by Ecology. The project and budget were managed. Field, laboratory, and reporting tasks were coordinated.



Task 2: Station Set Up

Percent of Task Completed:	5% this period (85% Cumulative Completed) \$2,302.46 of budget used (\$88,052 of \$109,096.00 budget used total)
Deliverable:	Task completed in 2022. (Past Deliverables: D2.5: Confirmation email for equipment installation at three status monitoring stations; target September 30, 2022)
Achievements:	2022 Deliverables completed for this task. D2.5: Confirmation email for equipment installation at three status monitoring stations was submitted to and accepted by Ecology. Three status sites are installed and collecting continuous data for WY2023.

Task 3: Continuous Datalogger Operation and Field Data Collection

Percent of Task Completed:	17% (82% Cumulative Completed) \$14091.11 of budget used (\$138,435 of \$191,402 budget used total)
Deliverable:	
Achievements:	On Target to meet deliverable D3.3 Email for monitoring completeness WY2023, confirming submission of the data collection event (DCE) file for each site compiled by the WHM e-forms and all required data and sample collection was submitted to Ecology by operating and maintaining continuous monitoring equipment and performing field data collection per the Ecology-approved LCUS QAPP. Site visits were performed in January 2023, March 2023, and June 2023 at all trend and status sites. Reviewed and attended Ecology field training for habitat assessment.

Task 4: Data Management

Percent of Task Completed:	23% (70% Cumulative Completed of D4.1; 56% Cumulative Completed for Task 4) \$23,553.37 of budget used (\$65,839 of \$63,721 budget used)
Deliverable:	D4.1.14: Upload continuous data to Aquarius, and send an excel file with graphs to the Ecology project manager (Data October 1 st 2021 through January 2023) D4.1.15: Upload continuous data to Aquarius, and send an excel file with graphs to the Ecology project manager (Data October 1 st 2021 through March 2023) D4.1.16: Upload continuous data to Aquarius, and send an excel file with graphs to the Ecology project manager (Data October 1 st 2021 through June 2023). D4.3 Upload data from sampling WY2022 to EIM

Achievements:	On target to meet deliverable by performing data management and submittal per the Ecology-approved QAPP. D4.1.14, D4.1.15, and D4.1.16 (Three of 22 targeted bi-monthly, 16 cumulative) excel files with graphs have been completed and accepted by Ecology. D4.3 WY2022 data was uploaded to EIM.
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Task 5: Data Analysis and Annual Reporting

Percent of Task Completed:	8% (50% Cumulative Completed) \$3,729 of budget used (\$37,178 of \$73,131 budget used)
Deliverable:	D5.4 Annual report (WY2022) Final
Achievements:	Deliverable D5.4 in progress

3. Challenges and Issues

There were a few challenges accomplishing Task 3: field data collection. Throughout the six-month time period (January through June 2023).

Water temperature data for WPL050 is using pressure transducer temperature data due to the loss/theft of the conductivity sensor. The beaver dam at BRZ010 remains mostly in place and continues to affect stage measurements. A beaver dam at CMP010 is affecting stage measurements starting at 2/26/2023.

The stage sensor at BRZ010 was damaged sometime between the April and June site visits. The data logger was not able to be turned on and therefore data cannot be retrieved at this time. We are continuing to try to retrieve the data, but for now, stage data are considered missing. A replacement sensor was installed on 6/15/23.

Another challenge was in meeting target dates for Task 5 Deliverable D5.4 Annual report final (WY2022). BIBI data was not received until after the target date for Deliverable D5.3 Annual report (WY2022) draft. These data are integral to the report and thus the report draft could not be completed without it. Habitat metric results were also delayed and a very important part of the annual report. The annual report is still in progress.

No Budget issues to be reported.

4. General Comments

Project is on task to meet IAA deliverables.