



CLARK COUNTY WASHINGTON

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January 4, 2022

To: Keunyea Song, SAM coordinator
Washington State Department of Ecology, Olympia, WA

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

Subject: Deliverable D5.1: Flow metrics calculation from continuous data for each site up to date; target December 31, 2021.

This memo and attachment summarize and documents calculated flow metrics using daily mean stage for the Lower Columbia Urban Streams (LCUS) project monitoring sites from October 1st, 2020 through September 31st, 2021 for trend and status sites up to date. Flow metrics include: TQ mean, RBI, and Reversals using stage as a surrogate for flow.

Please feel free to contact me at Marlena.Milosevich@clark.wa.gov or Chad Hoxeng at Chad.Hoxeng@clark.wa.gov any time with questions about these raw data or any other LCUS project related issues.



 For other formats, contact
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Deliverable D5.1: Flow metrics calculation from continuous data for each site up to date; target December 31, 2021.

Calculated flow metrics using daily mean stage at all Lower Columbia Urban Streams (LCUS) project monitoring sites WY2021

Location Type	Location Name	Location ID	Flow Metric Results (using stage as a surrogate for flow)		
			TQ mean	RBI	Reversals
Trend	Burnt Bridge Creek	BBC050	0.41	0.14	42
Trend	Cougar Creek	CGR020	0.36	0.33	37
Trend	Campen Creek	CMP010	0.39	0.21	39
Trend	Mill Creek	MIL010	0.38	0.17	32
Trend	Westover Creek	WST020	0.35	0.21	45
Status	Curtin Creek	CUR020	0.40	0.11	21
Status	Morgan Creek	MOR010	0.36	0.16	36
Status	Packard Creek	PCK010	0.37	0.25	70