

Supplemental Budget Request

Public Works

Stormwater

Suppl ID # 4019

Fund

Cost Center

Originator: Loni Patterson

Expenditure Type: One-Time

Year 1 2023

Add'l FTE

Add'l Space

Priority 1

Name of Request: Central Shop NPDES Stormwater Improvements

X

By Randy Rydel at 2:16 pm, Jun 23, 2023

Department Head Signature (Required on Hard Copy Submission)

Date

Costs:	Object	Object Description	Amount Requested
	6110	Regular Salaries & Wages	\$26,000
	6290	Applied Benefits	\$19,500
	6630	Professional Services	\$170,000
	6699	Other Services-Interfund	\$36,000
	7190	Other Miscellaneous	\$4,000
	8301	Operating Transfer In	(\$255,500)
	Request Total		\$0

1a. Description of request:

The request is to fund the project for stormwater improvements at Whatcom County's Central Shop. Whatcom County's Central Shop is currently out of compliance with its NPDES Industrial Stormwater General Permit (ISGP). The County has made steps to address the site's stormwater discharge water quality. The discharge test results have indicated additional best management practices (BMPs) are required. The County has determined that capital improvements are necessary to meet the state's water quality standards. This project aims to evaluate the current stormwater system and determine future improvements at the Central Shop facility. System design will include appropriate Stormwater BMPs to improve the site's water quality. The goal is to create a Stormwater Site Plan and produce a stormwater design focused on improving the site's water quality and complying with the site's ISGP. Construction of BMPs are anticipated and required to be installed by Fall 2024. This request includes county labor costs to permit, survey and manage the project.

1b. Primary customers:

The requirements set by water quality standards protect the general public and the natural environment of the state of Washington.

2. Problem to be solved:

Whatcom County's Central Shop is currently out of compliance with its NPDES Industrial Stormwater General Permit (ISGP). The primary goal of this project is to get the Central Shop back in compliance with the permit requirements and the required water quality standards.

3a. Options / Advantages:

Returning to compliance soon will avoid any enforcement action by the Department of Ecology (DOE).

3b. Cost savings:

Delayed implementation of water quality improvements will result in additional enforcement action involving adding fines in addition to the required water quality improvements.

4a. Outcomes:

The project will be designed to lower turbidity and reduce zinc and copper from the facility discharge flow to comply with NPDES standards.

4b. Measures:

The designed BMPs will be monitored and tested to ensure compliance with results reported to DOE.

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5a. Other Departments/Agencies:

Before full design and construction, this project will be reviewed and approved by DOE, ensuring the effectiveness of the selected treatment option.

5b. Name the person in charge of implementation and what they are responsible for:

Loni Patterson, Engineer I, is responsible for managing the project. Elizabeth Kosa, Public Works Director, is the responsible party for the ISGP. Garrett Reynold, M & O Superintendent, is responsible for maintaining the facility up to standards and requirements set by statute.

6. Funding Source:

The funding source for this project is the Road Fund.