



Item No: 5B_supp
Date of Meeting: July 2, 2019

Project Authorization For NIM Stormwater Pipe Extension

Presenter: Trevor Thornsley
Title: Interim Director, Engineering

Action Requested

NIM Stormwater Pipe Extension

As referenced in NWSA Resolution No. 2018-01, Exhibit A, Delegation of Authority Master Policy, Paragraph 8.c.iii., states project costs exceeding \$300,000 require approval from Managing Members.

Request project authorization in the amount \$584,000, for a total authorized amount of \$794,000, for the NIM Stormwater Pipe Extension, Master Identification No. 201055.02.



Husky Permitted Area

Existing Outfall

Blair Waterway

New 790 ft - 24-in Storm Drain Pipe and Manholes

Terminal 3 & 4

Existing NIM Treatment Vault

NIM Yard

Drainage Area Outside Terminal 3 & 4

East Sitcum Terminal



Background

NIM Stormwater Pipe Extension

Extending the NIM stormwater pipeline directly to an existing outfall eliminates the comingling of stormwater run-off from both permitted sources.

- Completion of this project will result in the following benefits:
 - Eliminate potential recontamination downstream of treated stormwater once it leaves the NIM area.
 - Reduce Potential liability for the NWSA in the event the customers' end of pipe treatment system fails to meet established permit benchmarks.
 - Reduce risk of non-compliance with the ISGP for both permitted facilities.



Project Description and Details

NIM Stormwater Pipe Extension

- **Scope of Work:**

- Installation of 790-feet of new storm drain pipe from existing NIM treatment system to an existing outfall.
- Sawcutting, removal and replacement of asphalt in the area of work.
- Excavation, backfill and compaction for pipe installation.
- Installation of three new storm drain manholes with concrete collars.
- Dewater trench to assist with pipe installation.
- Use of temporary fencing to isolate the construction area from terminal traffic.
- Potential for contractor to work after normal business hours and weekends to limit impacts to terminal operations.



Project Schedule

NIM Stormwater Pipe Extension

Advertise Bids	July 9, 2019
Bid Opening	July 24, 2019
Contract Award	August 6, 2019
Substantial Completion	October 25, 2019
Contract Completion	November 25, 2019



Financial Implications

NIM Stormwater Pipe Extension

- The estimated cost of the Construction is \$584,000.
- The estimated budget for this project is \$794,000.
- The current Capital Investment Plan (CIP) allocates \$794,000 for this project.
- The NIM has earned through \$4.1 million in operating income before depreciation through May, 2019 and is budgeted to earn \$9.4 million in income before depreciation in 2019.



Financial Summary

NIM Stormwater Pipe Extension

Item	This Request	Total Previous Request	Total Project Cost	Cost to Date	Remaining Costs
DESIGN	\$0	\$210,000	\$210,000	\$ -	\$210,000
CONSTRUCTION	\$584,000	\$0	\$584,000	\$ -	\$584,000
PROJECT TOTAL	\$584,000	\$210,000	\$794,000	\$ -	\$794,000



Environmental Impacts/Review

NIM Stormwater Pipe Extension

Permitting:

- Project is covered by City of Tacoma Shoreline Substantial Development Permit Exemption; LU18-0179, dated July 24, 2018.
- Determination of non-significance (DNS) was issued on June 15, 2018.
- Remediation: No Impacts
- Stormwater: No Impact. This is a stormwater infrastructure improvement project.
- Air Quality: No Impact



Conclusion

NIM Stormwater Pipe Extension

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