

City of Snoqualmie: 2017 to 2022 Capital Improvement Plan



SEWER IMPROVEMENTS

WATER RECLAM. FACILITY IMPROVEMENTS - PHASE 1

CIP Project ID: SWR16001CIP
Department: Sewer
Project Status: Construction
Project Location: 34190 SE Mill Pond Road
Project Contact: Tom Holmes

Previously Spent: \$1,004,335
Current Project Budget: \$4,596,779
Original Budget at CIP Inception: \$4,596,779
Years Project in CIP: 1
Contact Email: tholmes@ci.snoqualmie.wa.us

Project Description:

This project upgrades the water reclamation facility with improvements to the ultraviolet disinfection system, standby generator, and supervisory control and data acquisition system (SCADA). In addition, this project supports the construction of an automatic access gate and perimeter fence.

Photo or Map:



Community Impact:

Allows for economic development, improved reliability, and a cleaner and healthier environment. Ensures that the City of Snoqualmie has adequate wastewater handling capacity to accommodate growth projections in the 2012 General Sewer Plan and Engineering Report.

Operating Impact:

Routine annual operations and maintenance funded from the operating budget is expected for the life of this facility. Completion of this project will likely increase staff workloads and result in higher energy costs.

Project Budget:

Project Activities	% of Budg.	Total Activity Budget	Previously Spent	2017	2018	2019	2020	2021	2022
Pre Design	4%	\$ 201,000	\$ 201,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	22%	\$ 1,003,335	\$ 803,335	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	69%	\$ 3,192,444	\$ -	\$ 3,192,444	\$ -	\$ -	\$ -	\$ -	\$ -
Const. Manage	4%	\$ 200,000	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Art	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	100%	\$ 4,596,779	\$ 1,004,335	\$ 3,592,444	\$ -	\$ -	\$ -	\$ -	\$ -
Operating		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT BUDGET: \$4,596,779
TOTAL OPERATING BUDGET: \$0

Funding Sources:

Source	Total Sources	Previously Allocated	2017	2018	2019	2020	2021	2022
Bond Proceeds (Sewer)	\$ 4,596,779	\$ 1,004,335	\$ 3,592,444	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 4,596,779	\$ 1,004,335	\$ 3,592,444	\$ -	\$ -	\$ -	\$ -	\$ -

Fiscal Notes: This project is related to WAT16003CIP, Water Treatment Facility Improvements. Paid for out of the 2017 BAN & 2018 Revenue Bond (PUW18001CIP).

TOTAL FUNDING SOURCES: \$4,596,779
FUTURE FUNDING REQUIREMENTS: \$0

City of Snoqualmie: 2017 to 2022 Capital Improvement Plan



SEWER IMPROVEMENTS

WATER RECLAM. FACILITY IMPROVEMENTS - PHASE 2

CIP Project ID: SWR16002CIP
Department: Sewer
Project Status: Design
Project Location: 34190 SE Mill Pond Road
Project Contact: Tom Holmes

Previously Spent: \$116,412
Current Project Budget: \$12,090,398
Original Budget at CIP Inception: \$12,090,398
Years Project in CIP: 1
Contact Email: tholmes@ci.snoqualmie.wa.us

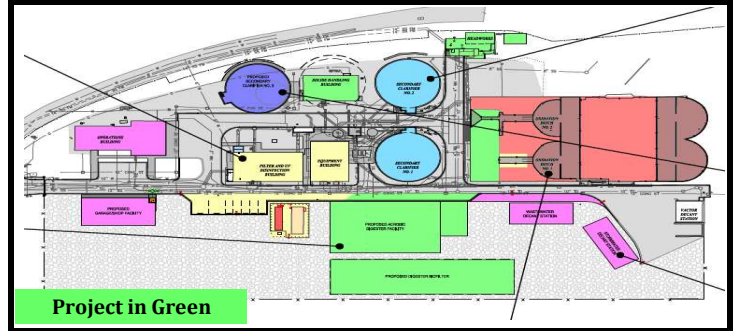
Project Description:

This project upgrades the water reclamation facility with the construction of structures responsible for solids handling and the production of a Class B biosolid. This project will also make scum and headworks improvements and equip the facility for improved grit removal and odor control.

Community Impact:

Allows for economic development, improved reliability, and a cleaner and healthier environment. Ensures that the City of Snoqualmie has adequate solids and wastewater handling capacity to accommodate growth projections as outlined in the 2012 General Sewer Plan and Engineering Report. Completion of the project will help the City of Snoqualmie produce a Class B biosolid that can be beneficially reused.

Photo or Map:



Operating Impact:

Routine annual operations and maintenance funded from the operating budget is expected for the life of this facility. Completion of this project will likely result in higher energy costs.

Project Budget:

Project Activities	% of Budg.	Total Activity Budget	Previously Spent	2017	2018	2019	2020	2021	2022
Pre Design	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	7%	\$ 835,278	\$ 116,412	\$ 718,866	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	91%	\$ 10,975,075	\$ -	\$ -	\$ 9,210,000	\$ 1,765,075	\$ -	\$ -	\$ -
Const. Manage	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Art	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	2%	\$ 280,045	\$ -	\$ -	\$ 280,045	\$ -	\$ -	\$ -	\$ -
TOTAL	100%	\$ 12,090,398	\$ 116,412	\$ 718,866	\$ 9,490,045	\$ 1,765,075	\$ -	\$ -	\$ -
Operating		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT BUDGET: \$12,090,398

TOTAL OPERATING BUDGET: \$0

Funding Sources:

Source	Total Sources	Previously Allocated	2017	2018	2019	2020	2021	2022
Bond Proceeds (Sewer)	\$ 12,090,398	\$ 116,412	\$ 718,866	\$ 9,490,045	\$ 1,765,075	\$ -	\$ -	\$ -
TOTAL	\$ 12,090,398	\$ 116,412	\$ 718,866	\$ 9,490,045	\$ 1,765,075	\$ -	\$ -	\$ -

Fiscal Notes: Paid for out of the 2017 BAN & 2018 Revenue Bond (PUW18001CIP).

TOTAL FUNDING SOURCES: \$12,090,398

FUTURE FUNDING REQUIREMENTS: \$0

City of Snoqualmie: 2017 to 2022 Capital Improvement Plan



SEWER IMPROVEMENTS

WATER RECLAM. FACILITY IMPROVEMENTS - PHASE 4

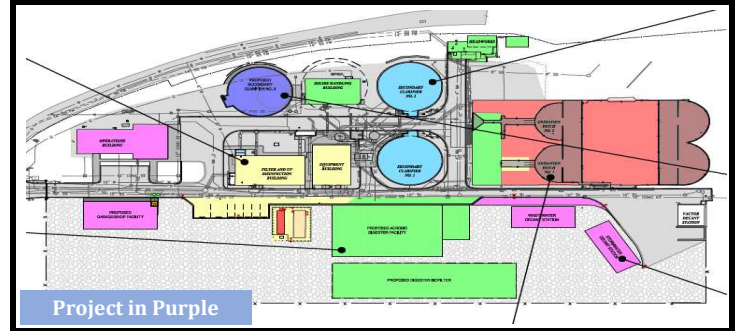
CIP Project ID: SWR16004CIP
Department: Sewer
Project Status: Design
Project Location: 34190 SE Mill Pond Road
Project Contact: Tom Holmes

Previously Spent: \$1,530
Current Project Budget: \$2,964,070
Original Budget at CIP Inception: \$2,964,070
Years Project in CIP: 0
Contact Email: tholmes@ci.snoqualmie.wa.us

Project Description:

This project supports the design and construction of a fully operational third clarifier.

Photo or Map:



Community Impact:

Allows for growth, economic development, improved reliability, and a cleaner and healthier environment. Ensures that the City of Snoqualmie has adequate wastewater handling capacity to accommodate growth projections as outlined in the 2012 General Sewer Plan and Engineering Report.

Operating Impact:

Routine annual operations and maintenance funded from the operating budget is expected for the life of this facility.

Project Budget:

Project Activities	% of Budg.	Total Activity Budget	Previously Spent	2017	2018	2019	2020	2021	2022
Pre Design	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	6%	\$ 183,110	\$ 1,530	\$ 131,580	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Construction	94%	\$ 2,780,960	\$ -	\$ -	\$ -	\$ -	\$ 2,780,960	\$ -	\$ -
Const. Manage	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Art	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	100%	\$ 2,964,070	\$ 1,530	\$ 131,580	\$ 50,000	\$ -	\$ 2,780,960	\$ -	\$ -
Operating		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT BUDGET: \$2,964,070

TOTAL OPERATING BUDGET: \$0

Funding Sources:

Source	Total Sources	Previously Allocated	2017	2018	2019	2020	2021	2022
Bond Proceeds (Sewer)	\$ 2,964,070	\$ 1,530	\$ 131,580	\$ 50,000	\$ -	\$ 2,780,960	\$ -	\$ -
TOTAL	\$ 2,964,070	\$ 1,530	\$ 131,580	\$ 50,000	\$ -	\$ 2,780,960	\$ -	\$ -

Fiscal Notes: Paid for out of the 2017 BAN & 2018 Revenue Bond (PUW18001CIP) and 2020 Revenue Bond (PUW20001CIP).

TOTAL FUNDING SOURCES: \$2,964,070
FUTURE FUNDING REQUIREMENTS: \$0

City of Snoqualmie: 2017 to 2022 Capital Improvement Plan



SEWER IMPROVEMENTS

WATER RECLAM. FACILITY IMPROVEMENTS - PHASE 5

CIP Project ID: SWR16005CIP
Department: Sewer
Project Status: Design
Project Location: 34190 SE Mill Pond Road
Project Contact: Tom Holmes

Previously Spent: \$0
Current Project Budget: \$2,091,549
Original Budget at CIP Inception: \$2,091,549
Years Project in CIP: 1
Contact Email: tholmes@ci.snoqualmie.wa.us

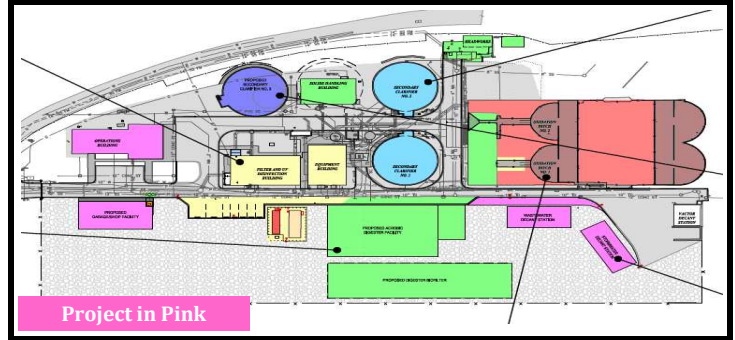
Project Description:

This project addresses needed improvements to the vector decant station which dewateres waste material loads from the vector/educator truck prior to offsite disposal. This project also upgrades the operations building and shop to address current staffing, training needs, shop space for material and equipment workspace and storage.

Community Impact:

This project will improve system reliability, reduce the need for and cost of using an educator truck, allow for the treatment of materials onsite, provide a cleaner and healthier work site, and reduce vactors and odors. Ensures that the City of Snoqualmie has adequate wastewater handling capacity to accommodate growth projections as outlined in the 2012 General Sewer Plan and Engineering Report.

Photo or Map:



Operating Impact:

This project will reduce disposal costs. However, the resultant savings will be used to clean the system more frequently, especially during the rainy season.

Project Budget:

Project Activities	% of Budg.	Total Activity Budget	Previously Spent	2017	2018	2019	2020	2021	2022
Pre Design	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	4%	\$ 82,069	\$ -	\$ -	\$ 82,069	\$ -	\$ -	\$ -	\$ -
Construction	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Const. Manage	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Art	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	96%	\$ 2,009,480	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,009,480
TOTAL	100%	\$ 2,091,549	\$ -	\$ -	\$ 82,069	\$ -	\$ -	\$ -	\$ 2,009,480
Operating		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL PROJECT BUDGET: \$2,091,549

TOTAL OPERATING BUDGET: \$0

Funding Sources:

Source	Total Sources	Previously Allocated	2017	2018	2019	2020	2021	2022
Bond Proceeds (Sewer)	\$ 2,091,549	\$ -	\$ -	\$ 82,069	\$ -	\$ -	\$ -	\$ 2,009,480
TOTAL	\$ 2,091,549	\$ -	\$ -	\$ 82,069	\$ -	\$ -	\$ -	\$ 2,009,480

Fiscal Notes:

Paid for out of the 2017 BAN & 2018 Revenue Bond (PUW18001CIP) and 2020 Revenue Bond (PUW20001CIP).

TOTAL FUNDING SOURCES: \$2,091,549
FUTURE FUNDING REQUIREMENTS: \$0