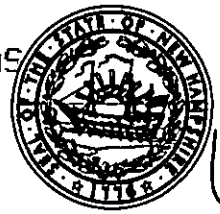




The State of New Hampshire FEB28'20 PM 2:14 DAS
Department of Environmental Services



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Robert R. Scott, Commissioner

February 28, 2020

His Excellency, Governor Christopher T. Sununu
 and The Honorable Council
 State House
 Concord, New Hampshire 03301

REQUESTED ACTION

Authorize the Department of Environmental Services (NHDES), under the provisions of RSA 486, to award state aid grant funds for wastewater facility projects for the following eleven entities in the aggregate amount of \$14,847,325, as detailed in the table below, effective upon Governor and Council approval. Funding is 100% General Funds.

Applicant	Vendor Code	Grant Amount
City of Portsmouth	177463 B001	\$730,542.00
North Conway Water Precinct	154445 B001	575,356.00
City of Lebanon	177422 B002	746,817.00
Town of Pembroke	177458 B003	159,130.00
City of Manchester	177433 B004	5,097,183.00
Winnepesaukee River Basin Program, Franklin, NH	177894 B004	186,363.00
City of Claremont	177373 B001	659,335.00
City of Dover	177380 B005	3,673,608.00
Town of Merrimack	177436 B002	1,685,688.00
Town of Jaffrey	177416 B001	249,341.00
City of Concord	177376 B001	1,083,962.00

Funding is available in the account as follows:

	<u>FY 2020</u>	<u>FY 2021</u>	<u>After FY 2021</u>
03-44-44-442010-1003-073-500580	\$914,924	\$915,398	\$13,017,003
Dept. of Environmental Services, State Aid Grants, Grants-Non Federal			

EXPLANATION

Wastewater state aid grant (SAG) funds provide financial assistance to NH communities to offset the eligible costs of planning, engineering and construction of certain sewage disposal facilities. Over the term of the debt service, which will range from 5 to 30 years, the state will reimburse the entity for 20% to 30% of the eligible costs incurred during the design and construction of the wastewater facilities, plus a proportionate share of interest on borrowing for the project.

His Excellency, Governor Christopher T. Sununu
and The Honorable Council
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The operating budget for fiscal year 2020 included an appropriation for approximately 70 new grants for projects completed by December 31, 2019.

Attached is a tabulation of the State Aid Grant showing the effect of this action on appropriated funds. Additional information regarding these projects is shown in Exhibit A.

We respectfully request your approval.



Robert R. Scott, Commissioner

DEPARTMENT OF ENVIRONMENTAL SERVICES
WATER DIVISION – WASTEWATER ENGINEERING BUREAU

STATE AID GRANTS
(03-44-44-442010-1003-073)

The effect of this request on appropriated funds is shown below:

	<u>2020</u>
FY 2020 Appropriation	\$9,576,700
Less: Scheduled Payments	<u>\$6,051,786</u>
Balance Available for FY 20 Grants	\$3,524,914
Less: FY 20 Grants Awarded to Date	\$824,951
Less: Current Request	
C-900 Portsmouth	\$45,468
C-901 N. Conway Water Precinct	\$34,000
C-903 Lebanon	\$45,428
C-904 Pembroke	\$53,200
C-905 Manchester	\$284,971
C-906 Winnipesaukee R. Basin Program	\$37,277
C-907 Claremont	\$85,139
C-908 Dover	\$183,678
C-909 Merrimack	\$100,179
C-910 Jaffrey	\$25,824
C-911 Concord	\$5,420
C-912 Concord	\$5,744
C-913 Concord	\$4,636
C-914 Concord	\$3,960
Total	\$914,924
Balance Available	\$1,785,039

EXHIBIT A

Supplemental information to the preceding Governor and Executive Council request for approval of State Aid Grants for sewage disposal facilities under RSA 486.

Municipality: Portsmouth, NH

State Grant Number: C-900

Project: Primary Clarifier Upgrade

Description: Improvements to the Wastewater Treatment Facility primary clarifier to enhance the quality of the treated effluent.

Grant Eligible Project Costs: \$2,435,140

Grant Award: 30% of eligible costs (\$730,542)

Grant Term: 20 years

Municipality: North Conway Water Precinct, NH

State Grant Number: C-901

Project: Water & Sewer Infrastructure Improvements

Description: Installation of new sewers for approximately 75 homes in an aquifer protection area.

Grant Eligible Project Costs: \$2,876,783

Grant Award: 20% of eligible costs (\$575,356)

Grant Term: 20 years

EXHIBIT A (Cont.)

Municipality: Lebanon, NH

State Grant Number: C-903

Project: CSO 10- Dana & Craft Ave Area

Description: Design and construction of separate sanitary and storm water sewers in a section of Lebanon and results in the elimination of Combined Sewer Overflow (CSO) #24 outfall to the Connecticut River.

Grant Eligible Project Costs: \$3,734,082

Grant Award: 20% of eligible costs (\$746,817)

Grant Term: 20 years

Municipality: Pembroke, NH

State Grant Number: C-904

Project: Bow Lane Pump Station Upgrade

Description: Replacement and upgrade of a 30-year old wastewater pumping station.

SAG Eligible Project Costs: \$795,651

Grant Award: 20% of eligible costs (\$159,130)

Grant Term: 10 years

EXHIBIT A (Cont.)

Municipality: Manchester, NH

State Grant Number: C-905

Project: Aeration System Upgrade

Description: Upgrade to the aeration system at the Manchester Wastewater Treatment Facility to improve operational and energy efficiency.

SAG Eligible Project Costs: \$ 25,485,916

Grant Award: 20% of eligible costs (\$5,097,183)

Grant Term: 20 years

Municipality: Winnepesaukee River Basin Program, Franklin, NH

State Grant Number: C-906

Project: Electrical Switch Gear Upgrade

Description: Replacement and upgrade of a 30-year old electrical switch gear that was at the end of its useful life. Replacement of this equipment will end failures of the automatic transfer function that switches between utility power and backup generators during power failures.

SAG Eligible Project Costs: \$931,812

Grant Award: 20% of eligible costs (\$186,363)

Grant Term: 5 years

EXHIBIT A (Cont.)

Municipality: Claremont, NH

State Grant Number: C-907

Project: Washington Street and Elm Street Pump Stations

Description: Replacement and upgrade of the Washington Street and Elm Street Pump Stations and associated equipment.

SAG Eligible Project Costs: \$2,197,785

Grant Award: 30% of eligible costs (\$659,335)

Grant Term: 10 years

Municipality: Dover, NH

State Grant Number: C-908

Project: Phase I WWTF Upgrade & MLE Conversion

Description: Replacement and upgrade of components of the wastewater treatment facility that reached the end of useful life, and a conversion to a Modified Ludzack-Ettinger activated sludge process in the existing aeration tanks to reduce nitrogen in the treated effluent.

SAG Eligible Project Costs: \$12,245,360

Grant Award: 30% of eligible costs (\$3,673,608)

Grant Term: 20 years

EXHIBIT A (Cont.)

Municipality: Merrimack, NH

State Grant Number: C-909

Project: WWTF Phase II & Compost Facility Upgrade

Description: Replacement of outdated and inefficient wastewater treatment equipment including pumps, controls, aeration blowers and a new chlorination facility. The compost facility upgrade included a new coating system for the building infrastructure, replacement of equipment, and other modifications to improve operations and promote biological phosphorus removal at the wastewater treatment facility.

SAG Eligible Project Costs: \$8,428,444

Grant Award: 20% of eligible costs (\$1,685,688)

Grant Term: 20 years

Municipality: Jaffrey, NH

State Grant Number: C-910

Project: River Street and Nelson Circle Pump Station Replacement

Description: Replacement and upgrades to the 40-year old pumping stations to improve reliability, reduce the frequency of breakdowns and reduce the potential for wastewater overflows.

SAG Eligible Project Costs: \$831,136

Grant Award: 30% of eligible costs (\$249,341)

Grant Term: 10 years

EXHIBIT A (Cont.)

Municipality: Concord, NH

State Grant Number: C-911

Project: SCADA Phase 3 Upgrades

Description: Phase 3 of SCADA (supervisory control and data acquisition) upgrade to the electronic controls and monitoring of the wastewater treatment plant.

SAG Eligible Project Costs: \$763,869

Grant Award: 20% of eligible costs (\$152,774)

Grant Term: 23 years

Municipality: Concord, NH

State Grant Number: C-912

Project: Electrical Switchgear Upgrade

Description: Replacement of automatic switches to allow automatic generator backup power.

SAG Eligible Project Costs: \$2,350,649

Grant Award: 20% of eligible costs (\$470,130)

Grant Term: 16 years

EXHIBIT A (Cont.)

Municipality: Concord, NH

State Grant Number: C-913

Project: Penacook WAS and Disinfection

Description: Replacement and upgrade of waste activated sludge (WAS) pumps and the disinfection system to improve treatment of wastewater.

SAG Eligible Project Costs: \$326,593

Grant Award: 20% of eligible costs (\$65,318)

Grant Term: 15 years

Municipality: Concord, NH

State Grant Number: C-914

Project: ThermoBlender Modifications

Description: Modifications to the thermoblender that stabilizes/neutralizes pathogens as required by federal and state rules.

SAG Eligible Project Costs: \$1,978,699

Grant Award: 20% of eligible costs (\$395,740)

Grant Term: 16 years