

**2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM**

**Lebanon, New Hampshire**

**PROJECT NUMBER: 2020G42**

**PROJECT: DPW LANDFILL PHASE III PRELIMINARY DESIGN**

**DEPARTMENT:** Public Works  
**PROJECT TITLE:** DPW Landfill Phase III Preliminary Design  
**PURPOSE OF PROJECT REQUEST FORM:** Continuation of an ongoing project.  
**DEPARTMENT PRIORITY:** MAINTENANCE  
**LOCATION:** Solid Waste Facility

**DESCRIPTION / JUSTIFICATION:** The newly constructed cell has a capacity of approximately 11 to 12 years at the present rate of waste flow into the site. Planning and permitting for facilities has been taking longer as years go by and new information is developed and put into use for materials and design of landfills. This project will develop designs and information related to the next Phase of the landfill and project the life of the site based on the design.

This preliminary design is needed in order to maintain and orderly and timely progression of landfill capacity at the site. If the design starts in 2020 this will provide five years of time for the next cell to be designed, permitted and constructed based on the current level of tonnage accepted at the site. Phase III will be the last of the Phases at the site unless new techniques are used to extend the capacity of the existing lined areas.

**FINANCIAL PLAN AND PROJECT SCHEDULE:**

		<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2016-2021</u>	<u>Total</u>	
<b>EXPENDITURES</b>										
Design and Engineering		\$0	\$0	\$0	\$0	\$160,000	\$0	\$160,000	\$160,000	
	<b>TOTAL</b>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$160,000</u>	<u>\$0</u>	<u>\$160,000</u>	<u>\$160,000</u>	
<b>FUNDING</b>										
Capital Reserve Fund	Landfill Improvements	\$0	\$0	\$0	\$0	\$160,000	\$0	\$160,000	\$160,000	
	<b>TOTAL</b>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$160,000</u>	<u>\$0</u>	<u>\$160,000</u>	<u>\$160,000</u>	
<b>FUNDING SUMMARY</b>										
Capital Reserve Fund		\$0	\$0	\$0	\$0	\$160,000	\$0	\$160,000	\$160,000	
	<b>TOTAL</b>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$160,000</u>	<u>\$0</u>	<u>\$160,000</u>	<u>\$160,000</u>	
<b>RESPONSIBLE FUND:</b>										
Solid Waste Disposal Fund		\$0	\$0	\$0	\$0	\$160,000	\$0	\$160,000	\$160,000	
	<b>TOTAL</b>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$160,000</u>	<u>\$0</u>	<u>\$160,000</u>	<u>\$160,000</u>	

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**CAPITAL RESERVE FUNDS:**

	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Landfill Improvements							
Beginning Balance	\$828,712	\$828,712	\$578,712	\$578,712	\$578,712	\$578,712	\$418,712
Additions:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Withdrawals:							
2016-2021 CIP: Landfill Maintenance Building Expansion	\$0	(\$170,000)	\$0	\$0	\$0	\$0	\$0
2016-2021 CIP: Recycling Facility Redesign	\$0	(\$80,000)	\$0	\$0	\$0	\$0	\$0
2016-2021 CIP: Phase III Preliminary Design	\$0	\$0	\$0	\$0	\$0	(\$160,000)	\$0
<b>Estimated Ending Balance</b>	<b><u>\$828,712</u></b>	<b><u>\$578,712</u></b>	<b><u>\$578,712</u></b>	<b><u>\$578,712</u></b>	<b><u>\$578,712</u></b>	<b><u>\$418,712</u></b>	<b><u>\$418,712</u></b>

NOTE1: Excludes current year portfolio changes. NOTE2: New Hampshire law allows municipalities to raise and appropriate money to establish a capital reserve fund, reserve fund or trust fund; to finance in whole or in part capital improvements, including the acquisition of buildings, land and equipment, general property assessment update, tax maps and municipal and regional transportation improvements; for the maintenance and operation of a specific public facility or type of facility, a specific item or type of equipment; to establish municipal transportation improvement reserves; to create trust funds for the maintenance and operation of the city and any other public purpose that is not foreign to the city's institution or incompatible with the objects of its organization.