

**TOWN OF PETERBOROUGH, NEW HAMPSHIRE
CAPITAL IMPROVEMENT PROGRAM
PROJECT PROPOSAL**

FY 2023 - 2028

DEPARTMENT: Public Works – Utilities

I. Year Proposed for Construction or Purchase: FY25

II. Project Cost: \$ 50,000

III. Title of Project: Cheney Booster Pump Replacement

IV. Description of Project: Replacement of Cheney booster pumps.

V. Location of Project: Utilities Division / DPW

VI. Justification / Need / Vision: (Use a separate sheet if necessary)

There are two pumps and motors that are original (1976) that pump water from the Cheney/Sand Hill tank pressure zone to the Cunningham Tank pressure zone. They are supposed to pump 550 gallons a minute but currently pump around 350 gallons a minute. We tried to rebuild one pump only to find out that most of the parts are no longer available. These pumps are needed to fill Cunningham Tank.

VII. Cost Summary (Ensuing Years):

<i>Project/Activity</i>	<i>Appr. to Date</i>	<i>FY23</i>	<i>FY24</i>	<i>FY25</i>	<i>FY26</i>	<i>FY27</i>	<i>FY28</i>
Feasibility Study							
Design							
Building Improvements							
Construction							
Construction Inspection							
Furnishings/Equipment							
Departmental Equipment				\$50,000			
Election Costs							
<i>Subtotal</i>							
Anticipated Offset (Cap Reserve)							
<i>Total</i>				\$50,000			

VIII. Needs Criteria (Check as many as apply):

X	1. Improving existing services		8. Coordinating facilities development
X	2. Complying with legal mandates of state or federal government	X	9. Meeting demands for service resulting from Town growth
	3. Improving existing environment		10. Guiding future town growth and development
X	4. Protecting the health and safety of the populace		11. Improving the basis for intergovernmental and regional cooperation
X	5. Achieving optimum and efficient use of municipal funds through cost savings, or avoidance of costs, or coordination of projects		12. Enhancing opportunities for participation in federal or state grant-in-aid programs
X	6. Meeting demands for service resulting from population growth	X	13. Maintaining a sound and stable financial program
	7. Preserving existing facilities through repair		

IX. Project Ranking (Check only one):

	URGENT PROJECTS <ul style="list-style-type: none"> ▫ meet emergencies threatening life, health, and safety ▫ perform work required by state or federal law
X	NECESSARY PROJECTS <ul style="list-style-type: none"> ▫ eliminate safety hazards ▫ correct code violations ▫ meet contractual obligations ▫ perform required renovation, repair, or replacement
	DESIRED PROJECTS <ul style="list-style-type: none"> ▫ improve equipment and efficiency ▫ enhance service ▫ match state or federal funds
	ON-GOING PROJECTS <ul style="list-style-type: none"> ▫ continue work in progress
	NEW SERVICE <ul style="list-style-type: none"> ▫ expand a public facility service to a new area ▫ provide a new public service

X. Possible Alternatives:

There is no feasible alternative.

XI. Impact, if Disapproved:

Inability to fill Cunningham tank, resulting in the potential for loss of water service to water system users.