

**2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM**

**Lebanon, New Hampshire**

**PROJECT NUMBER: 2016G05**

**PROJECT: DPW LANDFILL RECYCLING FACILITY REDESIGN**

**DEPARTMENT:** Public Works  
**PROJECT TITLE:** DPW Landfill Recycling Facility Redesign  
**PURPOSE OF PROJECT REQUEST FORM:** Continuation of an ongoing project.  
**DEPARTMENT PRIORITY:** IMPROVE EFFICIENCY  
**LOCATION:** Solid Waste Facility

**DESCRIPTION / JUSTIFICATION:** This project is intended to evaluate the efficiency and efficacy of the existing recycling facility. The work will analyze the cost of the existing process and compare to the cost of modifying the facility to accept single stream or “zero sort” recyclables and how the transfer trucks and trailer will be able to access the building.

The current recycling at the facility relies on the general public to sort their recyclables into various categories that are then baled and sold to various vendors. Zero Sort recycling has been taking over in areas due to the ease of recycling for the resident as well as commercial and industrial entities. Users of the existing system have asked why Lebanon does not have single stream recycling and the pressure to change is starting in the local area.

**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>    |
|---------------------------|-----------------------|-----------------|-------------|-------------|-------------|-------------|-------------|------------------|-----------------|
| EXPENDITURES              |                       |                 |             |             |             |             |             |                  |                 |
| Design and Engineering    |                       | <u>\$80,000</u> | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$80,000</u>  | <u>\$80,000</u> |
|                           | <b>TOTAL</b>          | <u>\$80,000</u> | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$80,000</u>  | <u>\$80,000</u> |
| FUNDING                   |                       |                 |             |             |             |             |             |                  |                 |
| Capital Reserve Fund      | Landfill Improvements | <u>\$80,000</u> | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$80,000</u>  | <u>\$80,000</u> |
|                           | <b>TOTAL</b>          | <u>\$80,000</u> | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$80,000</u>  | <u>\$80,000</u> |
| FUNDING SUMMARY           |                       |                 |             |             |             |             |             |                  |                 |
| Capital Reserve Fund      |                       | <u>\$80,000</u> | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$80,000</u>  | <u>\$80,000</u> |
|                           | <b>TOTAL</b>          | <u>\$80,000</u> | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$80,000</u>  | <u>\$80,000</u> |
| RESPONSIBLE FUND:         |                       |                 |             |             |             |             |             |                  |                 |
| Solid Waste Disposal Fund |                       | <u>\$80,000</u> | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$80,000</u>  | <u>\$80,000</u> |
|                           | <b>TOTAL</b>          | <u>\$80,000</u> | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$0</u>  | <u>\$80,000</u>  | <u>\$80,000</u> |

**2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM**

**Lebanon, New Hampshire**

**PROJECT NUMBER: 2016G05**

**PROJECT: DPW LANDFILL RECYCLING FACILITY REDESIGN**

**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>\$828,712</b> | <b>\$578,712</b> | <b>\$578,712</b> | <b>\$578,712</b> | <b>\$578,712</b> | <b>\$418,712</b> | <b>\$418,712</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.