

# CAPITAL PROFILE REPORT

PROFILE NAME: **RESIDUALS DISPOSAL FACILITY**  
 PROFILE **12-23-5422**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM  
 LEAD BRANCH:  
 BUDGET CYCLE: **2009-2011**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2016**

|                                    |                |                       |   |
|------------------------------------|----------------|-----------------------|---|
| Service Category: <b>Utilities</b> |                | Major Initiative:     |   |
| <b>GROWTH</b>                      | <b>RENEWAL</b> | PREVIOUSLY APPROVED:  | - |
|                                    | <b>100</b>     | BUDGET REQUEST:       | - |
|                                    |                | TOTAL PROFILE BUDGET: | - |

## PROFILE DESCRIPTION

- Needs assessment study to determine future needs and options to meet the needs.
- Conceptual Study and Predesign of the Residuals Disposal Facility (subject to the recommendations in the assessment study).
- Design and Construction of the Facility (subject to the recommendations in the assessment study).

## PROFILE JUSTIFICATION

Currently, Drainage Services uses the sludge lagoons facility to dispose of residuals collected as part of the preventative maintenance direct public service programs. The review and development of the long term plan for the sludge lagoons may impact the ability for Drainage Services to use the existing facility beyond 2014. We will review options and establish a long range strategy to address our needs beyond 2014, which may include the construction of a Residuals Disposal Facility.

## CHANGES TO APPROVED PROFILE

2015 Fall SCBA (CA#40):

(3.4.8) A Favorable variance of the "Residuals Disposal Facility" (12-23-5422) was due to Primary change in scope to move treatment of sanitary grit to EPCOR Water Services. Hence, we are using the 2014 capital saving from the "Residuals Disposal Facility" to offset the over-expenditure of the "Facilities Equipment & System Renewal" (12-23-6100) which resulted from implementing an unexpected and emergent IT projects such as the SAP Mobility and Managing Engineering Drawings projects, renovations to Edmiston Building to accommodate new staff, partially offset by deferring vehicle replacements as vehicle usage is less than expected.

(3.5.4) 2014 favorable variance related to the Residuals Disposal Facility (12-23-5422) primarily due to moving treatment of sanitary grit to a third party. The favorable variance is released to the corporate pool for other Utility priorities.

(3.6.7) Facilities Equipment and Systems Renewal has a combined 2014 unfavorable variance of \$1,127,589.21 (Sanitary unfavorable of \$4,773,353.27 and Storm favorable by \$3,645,764.06). This is primarily due to implementing unexpected and emergent IT projects such as the SAP Mobility and Managing Engineering Drawings projects, renovations to Edmiston Building to accommodate new staff, partially offset by deferring vehicle replacements as vehicle usage is less than expected.

The over-expenditure amount of \$1,127,589.21 is offset by savings in 12-23-5422 (Residual Disposal Facility) due to a primary change in scope to move treatment of the sanitary grit to a third party as per FSU CR\_2592 on September 9, 2015.

15-90: Released to Corporate pool

2016 Spring SCBA (#16-20-2.5): Funding for the profile 12-23-5422 due to the over-write off of expenditures in 2015.

# CAPITAL PROFILE REPORT

Profile Page 2

PROFILE NAME: **Residuals Disposal Facility**

PROFILE NUMBER: **12-23-5422**

BRANCH: **Sanitary Utility**

**FUNDED**

PROFILE TYPE: **Standalone**

## CAPITAL BUDGET AND FUNDING SOURCES (000's)

|                          | PRIOR YEARS                      | 2016   | 2017   | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | TOTAL   |
|--------------------------|----------------------------------|--------|--------|------|------|------|------|------|------|------|------|---------|
| APPROVED BUDGET          | Approved Budget                  |        |        |      |      |      |      |      |      |      |      |         |
|                          | Original Budget Approved         | -5,766 | -      | -    | -    | -    | -    | -    | -    | -    | -    | -5,766  |
|                          | 2012 CBS Budget Adjustment       | -210   | -      | -    | -    | -    | -    | -    | -    | -    | -    | -210    |
|                          | 2013 Cap Carry Forward           | -      | -      | -    | -    | -    | -    | -    | -    | -    | -    | -       |
|                          | 2013 CBS Budget Adjustment       | 22,530 | 2,000  | -    | -    | -    | -    | -    | -    | -    | -    | 24,530  |
|                          | 2014 Cap Release to Corp Pool    | -7,059 | -      | -    | -    | -    | -    | -    | -    | -    | -    | -7,059  |
|                          | 2015 Cap Council                 | -9,020 | -2,000 | -    | -    | -    | -    | -    | -    | -    | -    | -11,020 |
|                          | 2015 Cap Release to Corp Pool    | -481   | -      | -    | -    | -    | -    | -    | -    | -    | -    | -481    |
|                          | 2016 Cap Council                 | -      | 6      | -    | -    | -    | -    | -    | -    | -    | -    | 6       |
|                          | Current Approved Budget          | -6     | 6      | -    | -    | -    | -    | -    | -    | -    | -    | -       |
| APPROVED FUNDING SOURCES | Approved Funding Sources         |        |        |      |      |      |      |      |      |      |      |         |
|                          | Drainage Retained Earnings       | -6     | 6      | -    | -    | -    | -    | -    | -    | -    | -    | -       |
|                          | Self-Liquid. Debent.-Sanitary    | -      | -      | -    | -    | -    | -    | -    | -    | -    | -    | -       |
|                          | Current Approved Funding Sources | -6     | 6      | -    | -    | -    | -    | -    | -    | -    | -    | -       |

|                |                |   |   |   |   |   |   |   |   |   |   |   |
|----------------|----------------|---|---|---|---|---|---|---|---|---|---|---|
| BUDGET REQUEST | Budget Request | - | - | - | - | - | - | - | - | - | - | - |
|----------------|----------------|---|---|---|---|---|---|---|---|---|---|---|

|                              |                               |    |   |   |   |   |   |   |   |   |   |   |
|------------------------------|-------------------------------|----|---|---|---|---|---|---|---|---|---|---|
| REVISED BUDGET (IF APPROVED) | Revised Budget (if Approved)  | -6 | 6 | - | - | - | - | - | - | - | - | - |
|                              | Requested Funding Source      |    |   |   |   |   |   |   |   |   |   |   |
|                              | Drainage Retained Earnings    | -6 | 6 | - | - | - | - | - | - | - | - | - |
|                              | Self-Liquid. Debent.-Sanitary | -  | - | - | - | - | - | - | - | - | - | - |
|                              | Requested Funding Source      | -6 | 6 | - | - | - | - | - | - | - | - | - |

## CAPITAL BUDGET BY ACTIVITY TYPE (000's)

|                              | Activity Type | PRIOR YEARS | 2016   | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | TOTAL   |
|------------------------------|---------------|-------------|--------|------|------|------|------|------|------|------|------|------|---------|
| REVISED BUDGET (IF APPROVED) | Construction  | -16,079     | -2,000 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -18,079 |
|                              | Design        | -3,141      | 6      | -    | -    | -    | -    | -    | -    | -    | -    | -    | -3,135  |
|                              | Other Costs   | 19,214      | 2,000  | -    | -    | -    | -    | -    | -    | -    | -    | -    | 21,214  |
|                              | Total         | -6          | 6      | -    | -    | -    | -    | -    | -    | -    | -    | -    | -       |

## OPERATING IMPACT OF CAPITAL

Type of Impact:

| Branch:                | Rev | Exp | Net | FTE | Rev | Exp | Net | FTE | Rev | Exp | Net | FTE | Rev | Exp | Net | FTE |
|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total Operating Impact | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   |