

**CAPITAL PROFILE REPORT**

PROFILE NAME: **MILL WOODS DOUBLE BARREL REPLAC/SESS SA1**  
PROFILE **08-23-9202**  
DEPARTMENT: **Financial Services & Utilities - Utilities**  
BRANCH: **Sanitary Utility**  
PROGRAM  
LEAD BRANCH:  
BUDGET CYCLE: **2005**

**FUNDED**

PROFILE STAGE: **Previously Approved**  
PROFILE TYPE: **Standalone**  
PROFILE MANAGER: **Ward C.**  
LEAD BRANCH MANAGER:  
ESTIMATED START: **January, 2006**  
ESTIMATED COMPLETION: **December, 2016**

Service Category: **Utilities**

Major Initiative:

|               |
|---------------|
| <b>GROWTH</b> |
| <b>100</b>    |

|                |
|----------------|
| <b>RENEWAL</b> |
|                |

PREVIOUSLY APPROVED:

65,946

BUDGET REQUEST:

-

TOTAL PROFILE BUDGET:

65,946

**PROFILE DESCRIPTION**

This project includes the design and construction of major off-site sanitary trunks to support anticipated development in south Edmonton and major storm trunks for flood relief in Mill Woods. This project will include the design and construction of SESS (South Edmonton Sanitary Sewer) Stage SA1 and the Mill Woods Double Barrel Replacement from 2007 to 2014. The construction of these trunks is funded by the Sanitary Servicing Strategy Fund and debt. This is a single project and will be completed by the end of 2014. The estimated useful life of the asset is 25 years or more and the debenture term is 25 years. There will be no operating cost impact from the construction of these trunk sewers. New trunk sewers require little or no maintenance activities.

**PROFILE JUSTIFICATION**

Construction of these major trunk sewers is in support of development in Edmonton and flood relief in Mill Woods. Should these sewers not be constructed, sanitary servicing will not be available to support development and growth in the City. In addition, the Mill Woods area will not receive adequate flood protection. This could result in shifting of growth, and possibly moving development to surrounding communities. It could also result in more angry and upset citizens because we are not fulfilling the promise to address the flood risk in Mill Woods. The implementation of this project will fulfill the goal to protect, enhance and improve City's environment.

## CHANGES TO APPROVED PROFILE

### 2015 Fall SCBA (CA#40):

(3.4.2) Bring forward the 2014 total unfavorable variance amount to 2015. This amount will be offset with a 2014 favorable variance from the same project split off to the Storm Utility.

(3.6.2) The surplus in 08-23-9202 (Mill Woods Double Barrel - Sanitary) was a result of unforeseen ground conditions and consequently the project did not proceed as scheduled. Hence, we are using the 2014 surplus from the Sanitary portion to offset the 2014 deficit amount in the Storm portion.

Offset to the negative retained earnings will come from debentures for the same amount in the same.

(3.6.5) Project slowed primarily due to unanticipated ground conditions resulting in a 2014 carryforward amount of \$2,480,000. This carryforward amount is the split between Storm and Sanitary.

(3.6.6) The surplus in 08-23-9202 (Mill Woods Double Barrel - Sanitary) was a result of unforeseen ground conditions and consequently the project did not proceed as scheduled. Hence, we are using the 2014 surplus from the Sanitary portion to offset the 2014 deficit amount of \$6,103,597.90 in the Storm portion.

To clean up the negative retained earnings budget amount of \$7,123,000. The shift to offset the negative retained earnings will come from debentures for the same amount in the same profile.

2015 Fall SCBA (AA#41): (CFO.5) Transfer funding for the Mill Woods Double Barrel project as this project is no longer funded from the Sanitary Servicing Strategy Fund.

### 2016 Spring SCBA (CA#20): (2.3.8)

Increase in budget due to identified additional risks and construction costs to complete the remaining scope of work on Mill Woods Double Barrel profiles 08-23-9202 and 08-31-9202.

This was included in the Mill Woods Double Barrel-SESS SA1B/C Projects Report - CR\_3326 and presented to Utility Committee on February 26, 2016.

### 2016 Spring SCBA (AA#21):

(CFO.3) Transfer of Sanitary Service Strategy Fund from CM-23-9210 Sanitary Servicing Strategy Projects to 08-23-9202 Mill Woods Double Barrel Replac/SESS SA1 for the shared benefit on SA1D that impacted both CM-23-9210 Sanitary Servicing Strategy Projects and 08-23-9202 Mill Woods Double Barrel Replac/SESS SA1.

(CFO.10) Transfer of funding as this profile is no longer funded from the Sanitary Servicing Strategy Fund. This was included in the 2016-2018 Utilities Budget and approved by City Council on November 27, 2015.

# CAPITAL PROFILE REPORT

Profile Page 3

PROFILE NAME: Mill Woods Double Barrel Replac/SESS SA1

**FUNDED**

PROFILE NUMBER: 08-23-9202

PROFILE TYPE: Standalone

BRANCH: Sanitary Utility

## 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               | 31,670 | -      | -     | -    | -    | -    | -    | -    | -    | -    | 31,670 |
|                 | 2006 CBS Budget Adjustment             | 147    | -      | -     | -    | -    | -    | -    | -    | -    | -    | 147    |
|                 | 2007 CBS Budget Adjustment             | -1,555 | -      | -     | -    | -    | -    | -    | -    | -    | -    | -1,555 |
|                 | 2008 CBS Budget Adjustment             | 299    | -      | -     | -    | -    | -    | -    | -    | -    | -    | 299    |
|                 | 2009 CBS Budget Adjustment             | 3,560  | -      | -     | -    | -    | -    | -    | -    | -    | -    | 3,560  |
|                 | 2010 CBS Budget Adjustment             | -6,200 | -      | -     | -    | -    | -    | -    | -    | -    | -    | -6,200 |
|                 | 2011 CBS Budget Adjustment             | 6,765  | -      | -     | -    | -    | -    | -    | -    | -    | -    | 6,765  |
|                 | 2012 CBS Budget Adjustment             | 2,957  | -      | -     | -    | -    | -    | -    | -    | -    | -    | 2,957  |
|                 | 2013 Cap Carry Forward                 | -      | -      | -     | -    | -    | -    | -    | -    | -    | -    | -      |
|                 | 2013 CBS Budget Adjustment             | 3,119  | -      | -     | -    | -    | -    | -    | -    | -    | -    | 3,119  |
|                 | 2014 Cap Budget Request for Next Cycle | 7,725  | 5,570  | -     | -    | -    | -    | -    | -    | -    | -    | 13,295 |
|                 | 2014 Cap Capital Budget Adj (one-off)  | 6,104  | -      | -     | -    | -    | -    | -    | -    | -    | -    | 6,104  |
|                 | 2015 Cap Administrative                | -      | -      | -     | -    | -    | -    | -    | -    | -    | -    | -      |
|                 | 2015 Cap Council                       | -      | -      | -     | -    | -    | -    | -    | -    | -    | -    | -      |
|                 | 2015 Cap Capital Budget Adj (one-off)  | 985    | -      | -     | -    | -    | -    | -    | -    | -    | -    | 985    |
|                 | 2015 Cap Carry Forward                 | 2,363  | -2,363 | -     | -    | -    | -    | -    | -    | -    | -    | -      |
|                 | 2016 Cap Administrative                | -      | -      | -     | -    | -    | -    | -    | -    | -    | -    | -      |
|                 | 2016 Cap Council                       | -      | -      | 4,800 | -    | -    | -    | -    | -    | -    | -    | 4,800  |
|                 | Current Approved Budget                | 57,939 | 3,207  | 4,800 | -    | -    | -    | -    | -    | -    | -    | 65,946 |
|                 | Approved Funding Sources               |        |        |       |      |      |      |      |      |      |      |        |
|                 | Drainage Retained Earnings             | 27,497 | -293   | -     | -    | -    | -    | -    | -    | -    | -    | 27,204 |
|                 | Sanitary Serv. Strategy Fund           | 15,640 | 3,500  | -     | -    | -    | -    | -    | -    | -    | -    | 19,140 |
|                 | Self-Liquid. Debent.-Sanitary          | 14,802 | -      | 4,800 | -    | -    | -    | -    | -    | -    | -    | 19,602 |
|                 | Current Approved Funding Sources       | 57,939 | 3,207  | 4,800 | -    | -    | -    | -    | -    | -    | -    | 65,946 |

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

|                              |                               |        |       |       |   |   |   |   |   |   |   |        |
|------------------------------|-------------------------------|--------|-------|-------|---|---|---|---|---|---|---|--------|
| REVISED BUDGET (IF APPROVED) | Revised Budget (if Approved)  | 57,939 | 3,207 | 4,800 | - | - | - | - | - | - | - | 65,946 |
|                              | Requested Funding Source      |        |       |       |   |   |   |   |   |   |   |        |
|                              | Drainage Retained Earnings    | 27,497 | -293  | -     | - | - | - | - | - | - | - | 27,204 |
|                              | Sanitary Serv. Strategy Fund  | 15,640 | 3,500 | -     | - | - | - | - | - | - | - | 19,140 |
|                              | Self-Liquid. Debent.-Sanitary | 14,802 | -     | 4,800 | - | - | - | - | - | - | - | 19,602 |
|                              | Requested Funding Source      | 57,939 | 3,207 | 4,800 | - | - | - | - | - | - | - | 65,946 |

## 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  | 14,814      | 5,570  | -     | -    | -    | -    | -    | -    | -    | -    | -    | 20,384 |
|                              | Design        | 2,363       | -2,363 | 4,800 | -    | -    | -    | -    | -    | -    | -    | -    | 4,800  |
|                              | Other Costs   | 40,762      | -      | -     | -    | -    | -    | -    | -    | -    | -    | -    | 40,762 |
|                              | Total         | 57,939      | 3,207  | 4,800 | -    | -    | -    | -    | -    | -    | -    | -    | 65,946 |

## 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 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   |



# CAPITAL PROFILE REPORT

Profile Page 1

PROFILE NAME: **MILL WOODS DOUBLE BARREL REPLAC/SESS SA1**  
 PROFILE **08-31-9202**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM  
 LEAD BRANCH:  
 BUDGET CYCLE: **2009-2011**

**FUNDED**

PROFILE STAGE: **Previously Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2010**  
 ESTIMATED COMPLETION: **December, 2016**

Service Category: **Utilities**

Major Initiative:

**GROWTH**  
**100**

**RENEWAL**

PREVIOUSLY APPROVED:

**30,611**

BUDGET REQUEST:

-

TOTAL PROFILE BUDGET:

**30,611**

## PROFILE DESCRIPTION

This project includes the design and construction of major off-site sanitary trunks to support anticipated development in south Edmonton and major storm trunks for flood relief in Mill Woods. This project will include the design and construction of SESS (South Edmonton Sanitary Sewer) Stage SA1 and the Mill Woods Double Barrel Replacement from 2007 to 2014. The construction of these trunks is funded by the Sanitary Servicing Strategy Fund and debt. This is a single project and will be completed by the end of 2014. The estimated useful life of the asset is 25 years or more and the debenture term is 25 years. There will be no operating cost impact from the construction of these trunk sewers. New trunk sewers require little or no maintenance activities.

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Construction of these major trunk sewers is in support of development in Edmonton and flood relief in Mill Woods. Should these sewers not be constructed, sanitary servicing will not be available to support development and growth in the City. In addition, the Mill Woods area will not receive adequate flood protection. This could result in shifting of growth, and possibly moving development to surrounding communities. It could also result in more angry and upset citizens because we are not fulfilling the promise to address the flood risk in Mill Woods. The implementation of this project will fulfill the goal to protect, enhance and improve City's environment.

## CHANGES TO APPROVED PROFILE

2015 Fall SCBA (CA#40):

(3.6.2) The surplus in 08-23-9202 (Mill Woods Double Barrel - Sanitary) was a result of unforeseen ground conditions and consequently the project did not proceed as scheduled. Hence, we are using the 2014 surplus from the Sanitary portion to offset the 2014 deficit amount in the Storm portion.

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(3.6.6) The surplus in 08-23-9202 (Mill Woods Double Barrel - Sanitary) was a result of unforeseen ground conditions and consequently the project did not proceed as scheduled. Hence, we are using the 2014 surplus from the Sanitary portion to offset the 2014 deficit amount of \$6,103,597.90 in the Storm portion.

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2016 Spring SCBA (CA#20): (2.3.8)

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This was included in the Mill Woods Double Barrel-SESS SA1B/C Projects Report - CR\_3326 and presented to Utility Committee on February 26, 2016.

# CAPITAL PROFILE REPORT

Profile Page 2

PROFILE NAME: Mill Woods Double Barrel Replac/SESS SA1

**FUNDED**

PROFILE NUMBER: 08-31-9202

PROFILE TYPE: Standalone

BRANCH: Stormwater Utility

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

|                    |  | PRIOR<br>YEARS | 2016   | 2017  | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | TOTAL  |
|--------------------|--|----------------|--------|-------|------|------|------|------|------|------|------|------|--------|
| APPROVED<br>BUDGET | Approved Budget                        |                |        |       |      |      |      |      |      |      |      |      |        |
|                    | Original Budget Approved               | 25,505         | -      | -     | -    | -    | -    | -    | -    | -    | -    | -    | 25,505 |
|                    | 2010 CBS Budget Adjustment             | 3,663          | -      | -     | -    | -    | -    | -    | -    | -    | -    | -    | 3,663  |
|                    | 2011 CBS Budget Adjustment             | -7,962         | -      | -     | -    | -    | -    | -    | -    | -    | -    | -    | -7,962 |
|                    | 2012 CBS Budget Adjustment             | 645            | -      | -     | -    | -    | -    | -    | -    | -    | -    | -    | 645    |
|                    | 2013 Cap Carry Forward                 | -              | -      | -     | -    | -    | -    | -    | -    | -    | -    | -    | -      |
|                    | 2013 CBS Budget Adjustment             | 9,816          | -      | -     | -    | -    | -    | -    | -    | -    | -    | -    | 9,816  |
|                    | 2014 Cap Budget Request for Next Cycle | 2,575          | 1,857  | -     | -    | -    | -    | -    | -    | -    | -    | -    | 4,432  |
|                    | 2014 Cap Carry Forward                 | -              | -      | -     | -    | -    | -    | -    | -    | -    | -    | -    | -      |
|                    | 2015 Cap Council                       | -              | -      | -     | -    | -    | -    | -    | -    | -    | -    | -    | -      |
|                    | 2015 Cap Capital Budget Adj (one-off)  | -7,088         | -      | -     | -    | -    | -    | -    | -    | -    | -    | -    | -7,088 |
|                    | 2015 Cap Carry Forward                 | -3,787         | 3,787  | -     | -    | -    | -    | -    | -    | -    | -    | -    | -      |
|                    | 2016 Cap Council                       | -              | -      | 1,600 | -    | -    | -    | -    | -    | -    | -    | -    | 1,600  |
|                    | Current Approved Budget                | 23,367         | 5,644  | 1,600 | -    | -    | -    | -    | -    | -    | -    | -    | 30,611 |
|                    | Approved Funding Sources               |                |        |       |      |      |      |      |      |      |      |      |        |
|                    | Drainage Retained Earnings             | 13,491         | -5,463 | -     | -    | -    | -    | -    | -    | -    | -    | -    | 8,028  |
|                    | Self-Liquid. Debent.-Land Drg          | 9,876          | 11,107 | 1,600 | -    | -    | -    | -    | -    | -    | -    | -    | 22,583 |
|                    | Current Approved Funding Sources       | 23,367         | 5,644  | 1,600 | -    | -    | -    | -    | -    | -    | -    | -    | 30,611 |

|                   |                |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|----------------|---|---|---|---|---|---|---|---|---|---|---|---|
| BUDGET<br>REQUEST | Budget Request | - | - | - | - | - | - | - | - | - | - | - | - |
|-------------------|----------------|---|---|---|---|---|---|---|---|---|---|---|---|

|                                       |                               |        |        |       |   |   |   |   |   |   |   |   |        |
|---------------------------------------|-------------------------------|--------|--------|-------|---|---|---|---|---|---|---|---|--------|
| REVISED<br>BUDGET<br>(IF<br>APPROVED) | Revised Budget (if Approved)  | 23,367 | 5,644  | 1,600 | - | - | - | - | - | - | - | - | 30,611 |
|                                       | Requested Funding Source      |        |        |       |   |   |   |   |   |   |   |   |        |
|                                       | Drainage Retained Earnings    | 13,491 | -5,463 | -     | - | - | - | - | - | - | - | - | 8,028  |
|                                       | Self-Liquid. Debent.-Land Drg | 9,876  | 11,107 | 1,600 | - | - | - | - | - | - | - | - | 22,583 |
|                                       | Requested Funding Source      | 23,367 | 5,644  | 1,600 | - | - | - | - | - | - | - | - | 30,611 |

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

|                                       | Activity Type | PRIOR<br>YEARS | 2016  | 2017  | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | TOTAL  |
|---------------------------------------|---------------|----------------|-------|-------|------|------|------|------|------|------|------|------|--------|
| REVISED<br>BUDGET<br>(IF<br>APPROVED) | Construction  | -4,513         | 1,857 | -     | -    | -    | -    | -    | -    | -    | -    | -    | -2,656 |
|                                       | Design        | -3,787         | 3,787 | 1,600 | -    | -    | -    | -    | -    | -    | -    | -    | 1,600  |
|                                       | Other Costs   | 31,667         | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    | 31,667 |
|                                       | Total         | 23,367         | 5,644 | 1,600 | -    | -    | -    | -    | -    | -    | -    | -    | 30,611 |

## 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 | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   |