## CITY OF EDMONTON

### **BYLAW 17102**

A Bylaw to authorize the City of Edmonton to undertake, construct and finance Sanitary and Stormwater Drainage Projects – 25 years

### WHEREAS:

The Council of the City of Edmonton has decided to issue a bylaw pursuant to Sections 251 and 258 of the *Municipal Government Act*, R.S.A. 2000, c. M-26 to authorize the City of Edmonton to undertake, construct and finance Sanitary and Stormwater Drainage Projects – 25 years ("Projects") as described in Schedule "A";

The City of Edmonton has made plans, specifications and estimates for the said Projects and confirms the total cost of the said Projects is \$536,976,000.00;

The City of Edmonton has estimated the contributions to be received or applied to the said Projects as detailed in Schedule "A";

In order to construct and complete the said Projects, it will be necessary for the City of Edmonton to borrow the sum of \$304,186,000.00 for the terms and conditions referred to in this bylaw;

The above expenditures were approved by the City of Edmonton in its estimate of capital expenditures through the 2015 - 2018 Capital Budget;

The City of Edmonton will repay the indebtedness over a period of twenty-five (25) years in semi-annual or annual instalments; with interest not exceeding nine per cent (9%) per annum;

The amount of the existing debenture debt of the City of Edmonton at December 31, 2013 is \$2,426,186,670.78, as calculated in accordance with the *Debt Limit Regulation*, A.R. 255/2000, as amended, no part of which is in arrears;

The probable lifetime of the said Projects is a minimum of twenty-five (25) years;

All required permits, approvals or notifications for the said Projects will be obtained and the Projects are in compliance with all Acts and Regulations of the Province of Alberta and Canada;

THEREFORE, THE COUNCIL OF THE CITY OF EDMONTON DULY ASSEMBLED ENACTS AS FOLLOWS:

1. That for the purpose of said Projects as described in Schedule "A" the sum of \$304,186,000.00 be borrowed by way of debenture on the credit and security of the City of Edmonton at large.

- 2. The debentures to be issued under this bylaw shall not exceed the sum of \$304,186,000.00 and may be in any denomination not exceeding the amount authorized by this bylaw and shall be dated having regard to the date of the borrowing.
- 3. The debentures shall be payable in lawful money of Canada and shall bear interest during the currency of the debentures, at a rate not exceeding nine per cent (9%) per annum, payable semi-annually or annually.
- 4. The debentures shall be issued for a period of twenty-five (25) years and the City of Edmonton will repay the principal and interest in semi-annual or annual instalments.
- 5. For the purpose of this bylaw, the Chief Elected Official (as defined by the *Municipal Government Act*) means the Mayor, and the Chief Administrative Officer (as defined by the *Municipal Government Act*) means the City Manager, of the City of Edmonton. The Mayor and the City Manager shall authorize such bank or financial institution to make payments to the holder of the debentures, on such date and in such amounts as specified in the repayment schedule forming part of each debenture.
- 6. The debentures shall be signed by the Mayor and the City Manager of the City of Edmonton and the City Manager shall affix thereto the corporate seal of the City of Edmonton.
- 7. There shall be levied and raised in each year of the currency of the debentures a rate or rates, sufficient to provide an annual sanitary drainage utility and stormwater drainage utility

revenue adequate to pay the principal and interest falling due in such year on such debentures. The utility rates are collectible as prescribed in the applicable utility rate bylaw. In the event of any revenue deficiency, the City of Edmonton shall levy and raise municipal taxes sufficient to pay the indebtedness.

- 8. The indebtedness is contracted on the credit and security of the City of Edmonton at large.
- 9. The net amount realized by the issue and sale of debentures authorized under this bylaw shall be applied only for the purposes for which the indebtedness was created.
- 10. Schedule "A" attached hereto shall be part of this bylaw. Notwithstanding Schedule "A" attached hereto, the City may at any time expend monies borrowed under this bylaw in excess of the Capital Project Borrowing amounts described in Schedule "A" hereto (hereinafter called "excess expenditure") provided that the total monies expended under this bylaw shall not exceed the aggregate sum of \$304,186,000.00 and further provided that any excess expenditure shall be made in favour of one or more of the Capital Projects listed in Schedule "A".

# 11. This bylaw shall take effect on the day of the final passing thereof.

Read a first time	3 <sup>rd</sup>	day of	March	, A. D. 2015;
Read a second time	14 <sup>th</sup>	day of	April	, A. D. 2015;
Read a third time	14 <sup>th</sup>	day of	April	, A. D. 2015;
SIGNED AND PASSED	14 <sup>th</sup>	day of	April	, A. D. 2015.

THE CITY OF EDMONTON

MAYOR

CITY CLERK

# Sanitary and Stormwater Drainage Projects 25 Years (in thousands of dollars)

Stormwater         Budget         Earnings         Doveloper         Request         2015         2016           CM.31-9503         Structures Rehabilitation         14,478         5,791         8,687         2,076         2,139           CM.31-9504         Service Connection Renewal         2,542         1,017         1,525         2076         2,139           CM.31-9504         Service Connection Renewal         13,655         5,462         8,193         77         796           CM.31-9503         Service Connection Renewal         13,855         5,462         8,193         77         796           CM.31-9503         Sevice Laderable Support         11,800         5,224         6,576         1,378         1,580           15-31-951         Sever Laterable Support         17,601         7,746         1,673         1,236         5,092           15-31-952         Sowel Laterable Swench on Total         5,227         2,091         4,644         185         1,273           15-31-952         Storm Trunk Coverflow         7,741         3,097         4,644         185         1,273           CM-31-961         Program         CM-31-961         Program         2,142         3,144         3,214         3,214 <tr< th=""><th>and the state of t</th><th></th><th></th><th>Reta</th><th>Retained</th><th></th><th>Borrowing</th><th>wing</th><th></th><th></th><th></th><th></th><th></th></tr<>	and the state of t			Reta	Retained		Borrowing	wing					
Service Connection Renewal   2,542   1,017   1,525   2,076	Project	Name	Budget	Earr	ings	Developer	Reque	st	2015	 2016	2017		2018
\$ 8,693 \$ 4,945 \$ 3,748 \$ 895 \$ 14,478	Stormwater												
14,478    5,791    8,687    2,076	CM-31-9503 Structure	es Rehabilitation			4,945					923 \$	951	↔	979
Pipe         1,017         1,525         207           Pipe         11,800         5,224         8,193         77           Pipe         11,800         5,224         6,576         1,378           Support         17,601         7,040         10,561         309           Sewer         19,289         7,716         11,573         1,236           Movenue         7,741         3,097         4,644         185           od         5,356         2,142         3,214         3,214           control         2,155         862         1,293         309           eveloper         3,705         1,482         2,223         500           unthood         35,861         14,321         2,129         5,714           s Renewal         318         127         191         62           Overflow         4,166         1,666         2,500         1,545           ction &         10,203         8,999         1,204         569           Upgrading         5,323         2,129         3,194         1,081           is         5,575         2,230         3,345         886           General         2,1828	CM-31-9504 Sewer R	ehabilitation	14,478		5,791		00	,687	2,076	2,139	2,202		2,270
Pipe         13,655         5,462         8,193         77           Support fincation         11,800         5,224         6,576         1,378           Sewer incation         19,289         7,716         10,561         309           Sewer modation         19,289         7,716         11,573         1,236           Avenue 		Connection Renewal	2.542		1,017		<del></del>	.525	207	426	439		453
Pipe         11,800         5,224         6,576         1,378           Support ification         17,601         7,040         10,561         309           Sewer         19,289         7,716         11,573         1,236           Imodation         5,227         2,091         3,136         1,545           Avenue         7,741         3,097         4,644         185           od st         5,356         2,142         3,214         3,214           control         2,155         862         1,293         309           eveloper         3,705         1,482         2,223         500           unthood ation         3,5861         14,321         21,540         5,714           ation         3,705         1,482         2,223         500           Overflow         4,166         1,666         2,500         1,545           Ction &         10,203         8,999         1,204         569           Overflow         4,166         1,666         2,500         1,545           ction &         10,203         8,999         1,204         569           ction &         5,575         2,230         3,194         1,081	CM-31-9703 Sewer U	pgrading	13,655		5,462		00	,193	77	796	3,606		3,714
11,800       5,224       6,5/6       1,3/8         17,601       7,040       10,561       309         19,289       7,716       11,573       1,236         5,227       2,091       3,136       1,545         7,741       3,097       4,644       185         5,356       2,142       3,214       3,214         2,155       862       1,293       309         3,705       1,482       2,223       500         35,861       14,82       2,223       500         35,861       14,82       2,223       500         4,166       1,666       2,500       1,545         10,203       8,999       1,204       569         5,323       2,129       3,194       1,081         5,575       2,230       3,345       886         21,828       8,076       11,893       2,843         13,802       3,797       4,309       5,696       1,298	Mill Cree	k End of Pipe					•			( ( 1	0		9
17,601       7,040       10,561       309         19,289       7,716       11,573       1,236         5,227       2,091       3,136       1,545         7,741       3,097       4,644       185         5,356       2,142       3,214       3,214         2,155       862       1,293       309         3,705       1,482       2,223       500         35,861       14,321       21,540       5,714         4,166       1,666       2,500       1,545         4,166       1,666       2,500       1,545         10,203       8,999       1,204       569         5,323       2,230       3,345       886         5,575       2,230       3,345       886         21,828       8,076       11,893       2,843         13,802       3,797       4,309       5,696       1,298	13-31-9617 Treatme	nt Facility	11,800	_	5,224		ဖ	,576	1,378	,580	2,218		1,400
19,289       7,716       11,573       1,236         5,227       2,091       3,136       1,545         7,741       3,097       4,644       185         5,356       2,142       3,214       3,214         2,155       862       1,293       309         3,705       1,482       2,223       500         35,861       14,321       21,540       5,714         4,166       1,666       2,500       1,545         10,203       8,999       1,204       569         5,323       2,129       3,194       1,081         5,575       2,230       3,345       886         21,828       8,076       11,893       2,843         13,802       3,797       4,309       5,696       1,298	Sewer L 15-31-9415 Downtov	aterais to Support wn Intensification	17,601		7,040		10	,561	309	637	5,901		3,714
5,227       2,091       3,136       1,545         7,741       3,097       4,644       185         5,356       2,142       3,214       3,214         2,155       862       1,293       309         3,705       1,482       2,223       500         35,861       14,321       21,540       5,714         4,166       1,666       2,500       1,545         4,166       1,666       2,500       1,545         10,203       8,999       1,204       569         5,323       2,129       3,194       1,081         5,575       2,230       3,345       886         21,828       8,076       11,893       2,843         19,822       7,929       11,893       2,843         13,802       3,797       4,309       5,696       1,298	Groat Rc 15-31-9515 Rehabili	oad Trunk Sewer tation	19,286	_	7,716		7	,573	1,236	5,092	5,245		
7,741       3,097       4,644       185         5,356       2,142       3,214       3,214         2,155       862       1,293       309         3,705       1,482       2,223       500         35,861       14,321       21,540       5,714         4,166       1,666       2,500       1,545         4,166       1,666       2,500       1,545         10,203       8,999       1,204       569         5,323       2,129       3,194       1,081         5,575       2,230       3,345       886         21,828       8,076       13,752       3,056         19,822       7,929       11,893       2,843         13,802       3,797       4,309       5,696       1,298	Kenneda 15-31-6142 Upgrade	ale Accommodation	5,227		2,091		· (Y)	,136	1,545	1,591			
5,356       2,142       3,214       3,214         2,155       862       1,293       309         3,705       1,482       2,223       500         35,861       14,321       21,540       5,714         4,166       1,666       2,500       1,545         10,203       8,999       1,204       569         5,323       2,129       3,194       1,081         5,575       2,230       3,345       886         21,828       8,076       13,752       3,056         19,822       7,929       11,893       2,843         13,802       3,797       4,309       5,696       1,298	Optimiza 15-31-9525 Storm Ti	ation of 30 Avenue runk Overflow	7,741		3,097		4	,644	185	1,273	3,186		
2,155       862       1,293       309         3,705       1,482       2,223       500         35,861       14,321       21,540       5,714         4,166       1,666       2,500       1,545         10,203       8,999       1,204       569         5,323       2,129       3,194       1,081         5,575       2,230       3,345       886         21,828       8,076       11,893       2,843         19,822       7,929       11,893       2,843         13,802       3,797       4,309       5,696       1,298		nistic Flood ion Project	5,356	"	2,142		ന	,214	3,214				
3,705       1,482       2,223       500         35,861       14,321       21,540       5,714         4,166       1,666       2,500       1,545         10,203       8,999       1,204       569         5,323       2,129       3,194       1,081         5,575       2,230       3,345       886         21,828       8,076       11,893       2,843         19,822       7,929       11,893       2,843         13,802       3,797       4,309       5,696       1,298	Intercon CM-31-9435 Program	nection Control	2,155	10	862		_	,293	309	318	328		338
35,861       14,321       21,540       5,714         318       127       191       62         4,166       1,666       2,500       1,545         10,203       8,999       1,204       569         5,323       2,129       3,194       1,081         5,575       2,230       3,345       886         21,828       8,076       13,752       3,056         19,822       7,929       11,893       2,843         13,802       3,797       4,309       5,696       1,298	Review/ CM-31-9470 built sev	inspect developer ver	3,70	10	1,482		7	,223	200	536	573		614
4,166       1,666       2,500       1,545         4,166       1,204       569         10,203       8,999       1,204       569         5,323       2,129       3,194       1,081         5,575       2,230       3,345       886         21,828       8,076       13,752       3,056         19,822       7,929       11,893       2,843         13,802       3,797       4,309       5,696       1,298	Drainage CM-31-9510 Renewa	e Neighbourhood I Coordination	35,86		14,321		21	,540	5,714	5,773	5,559	_	4,494
4,166       1,666       2,500       1,545         10,203       8,999       1,204       569         5,323       2,129       3,194       1,081         5,575       2,230       3,345       886         21,828       8,076       13,752       3,056         19,822       7,929       11,893       2,843         13,802       3,797       4,309       5,696       1,298	CM-31-9623 Biosolid	s Facilities Renewal	318	~	127			191	62	64	65		
10,203       8,999       1,204       569         5,323       2,129       3,194       1,081         5,575       2,230       3,345       886         21,828       8,076       13,752       3,056         19,822       7,929       11,893       2,843         13,802       3,797       4,309       5,696       1,298	Combine CM-31-9702 Control	ed Sewer Overflow Projects	4,166	<b>(</b> 0	1,666		2	,500	1,545	955			
5,323       2,129       3,194       1,081         5,575       2,230       3,345       886         21,828       8,076       13,752       3,056         19,822       7,929       11,893       2,843         13,802       3,797       4,309       5,696       1,298	Drainage CM-31-6130 Equipme	e Construction & ent	10,20	~	8,999		_	,204	569	302	164	<u>.</u>	169
5,575 2,230 3,345 886  leral 21,828 8,076 13,752 3,056 19,822 7,929 11,893 2,843  tion 13,802 3,797 4,309 5,696 1,298	CM-31-6140 Drainage	e Facility Upgrading	5,323		2,129		ന	,194	1,081	1,114	492	<b>.</b>	202
leral -     21,828     8,076     13,752     3,056       19,822     7,929     11,893     2,843       tion     13,802     3,797     4,309     5,696     1,298	CM-31-6200 <b>Drainag</b>	e IT Assets	5,57	10	2,230		m	,345	886	962	820	_	843
19,822 7,929 11,893 2,843 tion 13,802 3,797 4,309 5,696 1,298	Flood Pr CM-31-9511 LDU	revention General -	21,828	· · ·	8,076		6	,752	3,056	4,389	3,310	_	2,997
tion 13,802 3,797 4,309 5,696 1,298	CM-31-9520 High Pri	ority Repairs	19,82	. ~!	7,929		7	,893	2,843	2,928	3,016	<b></b>	3,106
	CM-31-9604 Creek E	rosion Protection	13,80	01	3,797			969'	1,298	1,337	1,508	~	1,553

		Retained		Borrowing					
Project Name	Budget	Earnings	Developer	Request	2015	2016	2017	2018	
Expanded Neighbourhood CM-31-9611 Flood Prevention Project	60,090	22,232		37,858	7,127	8,477	9,431	12,823	
CM-31-9640 River For Life	3,039	1,216		1,823	793	1,030			
Opportunistic Sewer CM-31-2160 Separation	4,975	1,990		2,985	159	1,475	1,351		
LID Capital Demonstration CM-31-9616 Projects	810	324		486	93	127	131	135	
Environmental & Collection CM-31-9620 System	850	340		510	131	136	120	123	
Sanitary									
CM-23-9503 Structures Rehabilitation	17,623	7,048		10,575	2,140	2,427	2,959	3,049	
CM-23-9504 Sewer Rehabilitation	6,205	2,482		3,723	890	917	944	972	
Service Connection Renewal CM-23-9512	1,252	501		751	102	210	216	223	
CM-23-9703 Sewer Upgrading	13,655	5,462		8,193	77	262	3,606	3,714	
Kennedale Accommodation 15-23-6142 Upgrade	5,227	2,091		3,136	1,545	1,591			
Service Connection CM-23-9430 Expansion	13,789	715	11,997	1,077	257	265	273	282	
Interconnection Control CM-23-9435 Program	2,155	862		1,293	309	318	328	338	
Review/inspect developer CM-23-9470 built sewer	3,706	1,482		2,224	200	536	574	614	
Drainage Neighbourhood CM-23-9510 Renewal Coordination	72,809	(1		43,685	11,602	11,722	11,328	9,033	
CM-23-9623 Biosolids Facilities Renewal	8,035			4,821	1,230	1,617	1,272	702	
City-Wide Odour Control CM-23-9630 Program	6,014	2,406		3,608	927	955	983	743	
CM-23-9702 Control Projects	4,166	1,666		2,500	1,545	955			
Drainage Construction & CM-23-6130 Equipment	10,202	8,999		1,203	569	302	164	168	

		Retained		Borrowing				
Project Name	Budget	Earnings	Developer	Request	2015	2016	2017	2018
CM-23-6200 Drainage IT Assets	5,575	2,230		3,345	988	962	820	843
Flood Prevention General - CM-23-9511 LDU	21,826	8,076		13,750	3,055	4,389	3,310	2,996
CM-23-9520 High Priority Repairs	29,733	11,893		17,840	4,264	4,392	4,524	4,660
Expanded Neighbourhood CM-23-9611 Flood Prevention Project	15,022	5,558		9,464	1,782	2,119	2,358	3,205
CM-23-9640 River For Life	228	91		137	52	85		
Environmental & Collection CM-23-9620 System	850	339	3	511	131	135	120	125

\$536,976 \$216,484 \$ 16,306 \$304,186 \$73,181 \$82,773 \$88,429 \$75,935