

Background

This report provides the financial results of the 2018 winter roads operations up to and including the month of December 2018. As depicted in Table 1 below, the results for 2018 is an over expenditure of approximately \$2.4 million.

Table 1				
2018 Winter Summary				
As at December 31, 2018				
	Annual Budget	2018 YTD		
		Budget	Actual	Variance
Administration & Supervision	2,552,012	2,552,012	2,617,708	(65,696)
Sanding/Salting/Plowing	7,041,154	7,041,154	8,908,780	(1,867,626)
Snow Removal	598,464	598,464	339,579	258,885
Sidewalk Maintenance	1,049,084	1,049,084	982,975	66,109
Winter Ditching/Spring Cleanup	1,899,528	1,899,528	2,476,752	(577,224)
Miscellaneous Winter Roads	4,419,310	4,419,310	4,619,080	(199,770)
Totals	17,559,552	17,559,552	19,944,874	(2,385,322)

2018 Winter Control Activities

As shown in Table 2 below, the City received approximately 342 centimeters or 133% of the average annual snowfall. From January to April the City received approximately 208 centimeters or 127% of the average snowfall. November and December reflected 234% and 100% of the average snowfall, respectively.

The above average snowfall and freezing rain contributed to an over expenditure of approximately \$2.4 million in winter control activities. Significant over expenditures occurred in sanding/salting/plowing (\$1.87 million) with numerous freezing rain events during the year requiring an increased use of sand/salt. These expenditures were partially offset by savings in snow removal activities.

Table 2							
2018 Snowfall and Rainfall							
	Jan.	Feb.	Mar.	Apr.	Nov.	Dec.	Total
Normal 30 Year Avg. (cm)	60	52	35	17	30	63	257
2018 Actual Snow (cm)	78	33	19	78	70	63	342
% of Actual to Normal	131%	63%	54%	459%	234%	100%	133%

Miscellaneous Winter Roads

The annual budget for the miscellaneous winter roads cost centre totals approximately \$4.4 million, and the major expenses in this cost centre are outlined in Table 3 below.

Table 3	
2018 Miscellaneous Winter Roads	
Expense Type	Annual Budget (millions \$)
Employee Benefits	\$ 1.4
Asphalt Patching	\$ 0.9
Internal Recoveries (HR, Finance, IT)	\$ 0.7
Standby (Contracted Service)	\$ 0.7
Health & Safety	\$ 0.2
Other (Road Patrol, Emergency Response, Tool Repair, Property Restoration, etc.)	\$ 0.5
Total	\$ 4.4

Summary

In summary, winter roads operations for 2018 resulted in an over expenditure of approximately \$2.4 million. As per the Reserve and Reserve Fund policy, any annual over/under expenditures in winter roads operations may be funded/contributed towards the Roads Winter Control Reserve Fund. The Roads Winter Control Reserve Fund has a balance of \$191,355 as of December 31, 2018. This is insufficient to fund the over expenditure. Further details regarding the sources of funding this overexpenditure will be included in the Year-End Operating Budget Variance Report.