



**Grand River Conservation Authority
Agenda - General Meeting**

PUBLIC

Friday, December 14, 2018

9:30 a.m.

Auditorium

Grand River Conservation Authority
400 Clyde Road, Box 729
Cambridge, ON N1R 5W6

Pages

1. **Call to Order**
2. **Roll Call and Certification of Quorum – 13 Members constitute a quorum (1/2 of Members appointed by participating Municipalities)**
3. **Chair's Remarks**
4. **Review of Agenda**

THAT the agenda for the General Membership Meeting of December 14, 2018, be approved as circulated.
5. **Declarations of Pecuniary Interest**
6. **Minutes of the Previous Meeting**

THAT the minutes of the General Membership Meeting of November 23, 2018, be approved as circulated.
7. **Business Arising from Previous Minutes**
8. **Hearing of Delegations**
9. **Presentations**
10. **Correspondence**

THAT Correspondence from the Office of the Premier of Ontario regarding GRCA's comments on Bill 148 be received as information.

a.	Premier Ford - GRCA Comments on Bill 148	11
11.	1st and 2nd Reading of By-Laws	
12.	Reports:	
a.	GM-12-18-119 - Proposed 2019 Conservation Area User Fees	13
	THAT the proposed 2019 Conservation Area User Fees be approved and become effective as of January 1, 2019.	
b.	GM-12-18-127 - Budget 2019 - General Levy Apportionment Update	23
	THAT Report Number GM-12-18-127 - Budget 2019 – General Levy Apportionment Update be received as information.	
c.	GM-12-18-126 - Budget 2019 - Notice to Municipalities	30
	THAT a letter be sent to participating municipalities on January 21, 2019 advising them of the General Membership meeting to be held on February 22,2019 to approve the 2019 Budget and the municipal levy;	
	AND THAT the GRCA 2019 Budget (draft #2), which will be presented at the General Membership meeting on January 25, 2019 be included with the letter.	
d.	GM-12-18-123 - Cash and Investment Status	32
	THAT Report Number GM-12-18-123 Cash and Investment Status – November 2018 be received as information.	
e.	GM-12-18-121 - Financial Summary	34
	THAT the Financial Summary for the period ending November 30, 2018 be approved.	
f.	GM-12-18-120 - Environmental Assessments	55
	THAT Report Number GM-12-18-120 Environmental Assessments be received as information.	
g.	GM-12-18-122 - Living Snow Fence	58
	THAT Report Number GM-12-18-122 – Living Snow Fences be received as information.	
h.	GM-12-18-125 - Guelph Lake Plantation Restoration Project	60
	THAT Report Number GM-12-18-125 – Guelph Lake Plantation Restoration Project be received as information.	

- i. GM-12-18-124 - Current Watershed Conditions

THAT Report Number GM-12-18-124 – Current Watershed Conditions as of December 5, 2018 be received as information.

13. Committee of the Whole

14. General Business

15. 3rd Reading of By-Laws

16. Other Business

17. Closed Meeting

THAT the General Membership enter a closed meeting to discuss a labour relations matter.

- a. Minutes of the previous closed meeting
- b. Labour relations or employee negotiations

18. Next Meetings

- New Member Orientation - Friday, January 18, 2019 at 9:30 a.m.
- General Membership - Election of Officers - Friday, January 25, 2019 at 9:30 a.m.
- Annual General Meeting - Friday, February 22, 2019 at 9:30 a.m.

19. Adjourn

THAT the General Membership Meeting be adjourned.

20. Grand River Source Protection Authority Meeting (if required)

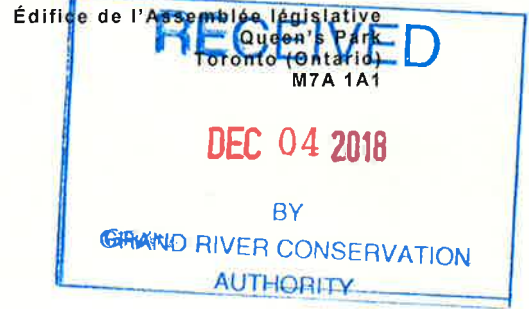
Regrets only to:

Office of the Chief Administrative Officer, Phone: 519-621-2763 ext. 2200



Premier of Ontario
Le premier ministre
de l'Ontario

Legislative Building
 Queen's Park
 Toronto, Ontario
 M7A 1A1



November 28, 2018

Ms. Helen Jowett
 Chair
 Grand River Conservation Authority
 400 Clyde Road
 PO Box 729
 Cambridge, Ontario
 N1R 5W6

Dear Ms. Jowett:

Thanks for your letter about our government's review of the Employment Standards Act. I appreciate hearing your views and words of support.

Our government is committed to working cooperatively with the people of Ontario, including small businesses, to reduce the burdens they face.

We understand that concerns have been raised about the changes made to the Employment Standards Act under the previous government's Bill 148. Our plan is to create and protect jobs by sending the message that Ontario is open for business. That is why the legislature passed the Making Ontario Open for Business Act.

The act, which considers the impact of Bill 148 on the overall economy, keeps the commitment to preserve the minimum wage at \$14 on January 1, 2019. The act eliminates costly and complex requirements, while ensuring flexibility and business competitiveness. It addresses key business concerns while continuing to protect workers and support constructive labour relations.

Under the Making Ontario Open for Business Act, everyone who works will have the confidence of a good job and a safe workplace, including vulnerable workers.

.../2

- 2 -

I note that you've sent a copy of your letter to the Honourable Laurie Scott, Minister of Labour. I'm sure the minister will also take your views into consideration.

Thanks again for contacting me.

Sincerely,

A handwritten signature in black ink, appearing to read "Doug Ford". The signature is fluid and cursive, with the first name "Doug" and the last name "Ford" clearly distinguishable.

Doug Ford
Premier

c: The Honourable Laurie Scott

Grand River Conservation Authority

Report number: GM-12-18- 119
Date: December 14, 2018
To: General Membership
Subject: 2019 Conservation Area User Fees

Recommendation:

THAT the proposed 2019 Conservation Area User Fees be approved and become effective as of January 1, 2019.

Summary:

Conservation areas are intended to operate on a break even basis. As a result user fees are meant to generate sufficient revenue to offset forecast expenditures for the upcoming year. This report outlines the proposed conservation area user fees for the 2019 season. It is proposed that most fees remain unchanged from 2018. The changes proposed include:

- Increase the additional vehicle (registered to a campsite) admission price to align with the same pricing as automatic entry gates entry from \$12.50 to \$14
- The elimination of the individual season pass option
- Standardize nightly camping fees by eliminating the variable rates between the shoulder and peak seasons
- Increase pool admissions fees from \$1 to \$2 and
- Increase seasonal camping fees by 3%.

Report:

The Grand River Conservation Authority (GRCA) operates eleven fee for use conservation areas. The conservation area program is intended to operate on a break even basis. User fees are determined through an analysis of estimated sales volumes for each revenue stream, with fees adjusted as necessary to cover forecast expenditures for the following year. Conservation Area fees are reviewed on an annual basis and fee changes are approved by the General Membership.

Visitation to the GRCA conservation areas has been increasing for a number of years with 2018 hitting record numbers. Increased visitation has resulted in revenues that have exceeded targets for six of the last seven years. In 2018 fees were increased for all user fee categories in anticipation of increases to the minimum wage to \$14 in 2018 and to \$15 in 2019. With the cancelation of the planned minimum wage increase in 2019 there are no unexpected expenditure increases that would justify a major fee increase. There is however increased pressures on staffing and capital improvements that warrant some minor fee increases.

Admission Fees

a) Day Use Admission Fees

In 2016 the GRCA standardized the day use entry fee at all conservation areas at \$6 per person for adults and \$3 per child. In 2017 the adult fee was increased to \$6.50 and increased again in 2018 to \$7.00. The child fee has not changed since 2015. Rates for seniors and persons with disabilities were introduced in 2014. Day use fees at Elora Quarry were increased in 2018 as a measure to control the number of visitors to this site. The increased fee has had no discernable impact on visitation demand.

b) Automatic Entry Gate Admissions

Automatic entry gate systems have been installed at Shades Mills CA, Brant Park CA and Laurel Creek CA. Gates are proposed to be installed at Pinehurst Lake CA and Guelph Lake CA in the next two years. These gates allow for entry to the conservation area with the Grand River Membership Pass and allow the payment of an admission fee. The admission fee in 2018 was increased to \$14 per vehicle based on the adult admission fee of \$7 per person and assuming an average of two persons per vehicle. The amount is proposed to remain unchanged for 2019.

c) Swimming Pool Admission

The day use fees for adults, seniors/persons with disabilities and children are proposed to remain unchanged for the 2019 season. This will allow the conservation areas to remain competitive with neighbouring conservation authorities as well as private campgrounds.

Brant Park Conservation Area and Byng Island Conservation Area both operate large outdoor pools. Visitors are required to pay an entry fee to the pool in addition to the regular conservation area admission fee. The fee for pool use has been \$1 per person for many years. In 2018 new public pool operation regulations were enacted that required that a swim test be administered for young swimmers. This required the hiring of additional lifeguards to administer the tests which increased the pool operation costs. To reflect the increased staffing costs, increases in the cost of pool supplies and higher maintenance costs as the pools age, it is proposed that the pool fee be increased to \$2 per person.

d) Boat Launch Admission

The GRCA provides boat launch facilities at both Belwood Lake and Conestogo Lake. These two reservoirs offer the largest bodies of water suitable for power boating without traveling to either one of the great lakes or Lake Simcoe. As a result they are exceptionally popular with the boating community. The GRCA charges a separate fee to use the boat launch which has been set at \$9 per boat for many years. It is proposed that this fee remain unchanged for 2019.

Table 1: Proposed 2019 Day Use Admission Fees

Day use 2019	2018			2019		
	<i>Adult</i>	<i>Senior</i>	<i>Child</i>	<i>Adult</i>	<i>Senior</i>	<i>Child</i>
All Conservation Areas	\$7.00	\$5.50	\$3.00	\$7.00	\$5.50	\$3.00
Elora Quarry	\$10.00	\$7.50	\$5.00	\$10.00	\$7.50	\$5.00
Boat Launch	\$9.00			\$9.00		
Pool (per person)	\$1.00			\$2.00		
Auto Gate Admission	\$14.00			\$14.00		

Membership Passes

a) Grand River Park Membership

The rates for the Grand River Park Membership are proposed to remain unchanged for 2019. The current rates are competitive with neighbouring conservation authorities. The rate (which has remained unchanged since 2017) for a membership pass is \$130.00. A discounted pass is offered for seniors and persons with disabilities at a cost of \$115. Memberships are valid for one year from the date of activation and allow entry to 11 conservation areas and Luther Marsh Wildlife Management Area, for up to 6 people per visit. It is also proposed to continue the voucher program which currently offers purchasers of the Grand River Park Membership discounts on admissions, rentals, etc. with an equivalent value of nearly \$80.

b) Individual Season Pass

In 2018 it was identified that the continuation of the individual pass program was not compatible with the implementation of the automatic gate systems. As a result an incentive program was initiated to encourage individual pass purchasers to purchase the full Grand River Membership Pass. Individual pass purchasers were offered a 15% discount on the full membership pass if they decided to switch. A total of sixty two people took advantage of the incentive.

The Grand River Park Membership was introduced in 2014 and the number of individual season pass sales have been declining since that time. In 2013 987 individual season passes were sold, falling to only 669 in 2017. The number has declined further in 2018 with a total of 407 individual season passes sold. This represents approximately 6% of our total membership pass sales but a much smaller percentage of the total revenue.

In conjunction with the discounts being offered customers were asked to complete a survey on their use of the individual pass, which areas they visit and how often they visit an area. The surveys indicated that 40 % of individual pass purchasers would be inclined to purchase a full membership if the individual pass was no longer offered. Given that the number of passes sold is declining and a large number of individual pass holders appear to be willing to move to the full membership pass, it is proposed that the individual pass not be offered in 2019.

Camping Fees

a) Nightly Camping Fees

The 2012 Conservation Area Business Plans recommended a number of changes to the pricing of nightly camping including the introduction of variable pricing for shoulder season versus peak season. As a result shoulder season nightly camping fees were established at \$5 per night lower than during the peak season. The goal was to entice more people to camp during the months when the conservation areas are less busy. A review of occupancy rates and discussions with conservation area staff has indicated that the variable pricing has not had the desired effect. As a result it is proposed to eliminate the separate fee for the shoulder season and charge a consistent fee throughout the season. This will result in camping fees being slightly higher during the shoulder season. The proposed fees for nightly camping at each conservation area are shown in Appendix A.

b) Monthly Camping Fees

The GRCA campgrounds periodically receive requests for month-long camping stays. This type of booking can only be made through the conservation areas directly, is dependent on campsite availability, and is conditional on entering into a monthly camping agreement. Monthly permits are sold to allow for the extended occupancy of a nightly campsite at a discounted rate. The 2019 fee remains the same as in 2018.

Table 2: 2019 Proposed Monthly Camping Fees

<i>Service Type</i>	<i>Proposed Fees</i>
Monthly Unserviced	\$625.00
Monthly Serviced (EW)	\$800.00
Monthly Serviced (EWS)	\$855.00

c) Seasonal Camping Fees

The seasonal camping program continues to be popular with all conservation areas experiencing full occupancy of seasonal campsites. In 2018 a lottery program was used to fill any vacant seasonal campsites and was a great success.

Seasonal Camping Fees are proposed to increase by 3% and rounded to the nearest \$5.00. The proposed fees are shown in Appendix B. An increase in seasonal camping fees is justified by the need to upgrade washrooms, roads and electrical infrastructure in these campgrounds. In addition, the nightly fee adjustment also helps to offset hydro costs which are increasing both as a result of utility pricing and due to larger camping equipment with greater power requirements.

d) Additional Vehicle Permit

The GRCA allows campers to purchase a permit for an additional vehicle that can be assigned to a campsite and remain in the Conservation Area overnight. In 2018, 14,388 additional vehicle permits were sold at a charge of \$12.50 per vehicle. It is proposed that this fee be increased to \$14.00 which will align with the cost of a single vehicle entry to a conservation area through automatic gates.

GRCA campground rules permit a maximum of two vehicles to be parked on a single campsite. Any vehicles in excess of this must be parked offsite. This fee increase may encourage car-pooling and the reduction of extra vehicles in the campground.

Fee Rate Comparison

Accompanying this report are comparison statistics from Ontario Parks, other Conservation Authorities, and private campground operators. Each year the GRCA compares proposed conservation area fees against competitor's fees to ensure that the proposed fee structure is in line with the rates charged by operators of similar facilities and services. The rate comparisons for day use admissions are shown in Appendix C. The comparators for nightly camping are shown in Appendix D and the comparators for seasonal camping are shown in Appendix E. Fee rates for 2019 are not yet available for most competitors. As a result the comparator tables show 2018 fees. The proposed 2019 fees generally fall in the middle of the range of fees for GRCA's competitors.

Hunting Fees

Hunting is offered within designated zones at Belwood Lake, Conestogo Lake, Luther Marsh Wildlife Management Area and at 19 miscellaneous properties throughout the central and northern portions of the watershed. In order to obtain a GRCA hunting permit a hunter must be a member of the Ontario Federation of Anglers and Hunters and possess the appropriate provincial and/or federal hunting license(s) and stamps and/or tags. The GRCA hunting permit must be displayed in the windshield when hunting on GRCA properties. The fees for the various classes of hunting permits offered by the GRCA are shown in Table 3 below. No increase is proposed for 2019.

Table 3: 2019 Proposed Hunting Fees

	<i>Permit Fees</i>
<i>Belwood Lake</i>	
Day Hunting Permit	\$15.00
Seasonal Hunting Permit	\$120.00
<i>Conestogo Lake</i>	
Full Permit (All Game)	\$400.00
Deer Archery Only Permit	\$160.00
Deer Archery and Controlled Hunt Permit	\$300.00
Pheasant/Small Game/Migratory Birds Permit	\$270.00
Guest Permit	\$30.00
<i>Luther Marsh</i>	
Day Hunting Permit	\$15.00
Seasonal Hunting Permit (Sept. - Feb.) All Game	\$300.00
Seasonal Deer Only Permit (Oct. - Dec.)	\$160.00
Seasonal Small Game/Migratory Birds Permit (Sept. - Feb.)	\$160.00
Opening Day of Migratory Birds Permit	\$25.00
Miscellaneous Hunting Areas	
Seasonal Hunting Permit	\$65

Financial implications:

The conservation areas operate on a not-for-profit basis and the revenues generated by the proposed 2019 user fees are sufficient to meet the forecast expenditures assuming an average year of visitor attendance and suitable weather and future capital expenditures. Revenue surpluses are placed in a reserve fund and may be used to augment revenues if lower than expected visitation occurs or if expenses exceed projections. There are operating budget efficiencies that are attained as a result of the integration of the Conservation Area program with other program areas such as water management, nature centres and property. The operating budget does not include the application of overhead administrative support from senior management, accounting, payroll, human resources, and communications.

Other department considerations:

N/A

Prepared by:

Pam Walther-Mabee
Manager Conservation Areas

Dave Bennett
Director of Operations

Approved by:

Joe Farwell
Chief Administrative Officer

APPENDIX A: 2019 PROPOSED NIGHTLY CAMPING RATES

	2018		2019
	Peak Season	Shoulder Season	Proposed Rate
Brant Park			
Premium Unserviced	\$35.00	\$40.00	\$40.00
Premium Serviced	\$43.00	\$48.00	\$48.00
Premium (Sewer) Serviced	\$48.00	\$53.00	\$53.00
Standard Unserviced	\$34.00	\$39.00	\$39.00
Standard Serviced	\$42.00	\$47.00	\$47.00
Byng Island			
Premium Unserviced (Waterfront)	\$43.00	\$48.00	\$48.00
Premium Serviced	\$43.00	\$48.00	\$48.00
Standard Unserviced	\$34.00	\$39.00	\$39.00
Standard Serviced	\$42.00	\$47.00	\$47.00
Conestogo Lake			
Premium Serviced	\$43.00	\$48.00	\$48.00
Standard Unserviced	\$34.00	\$39.00	\$39.00
Standard Serviced	\$42.00	\$47.00	\$47.00
Elora Gorge			
Premium Unserviced	\$35.00	\$40.00	\$40.00
Premium Serviced	\$43.00	\$48.00	\$48.00
Standard Unserviced	\$34.00	\$39.00	\$39.00
Standard Serviced (Electricity)	\$40.00	\$45.00	\$45.00
Standard Serviced	\$42.00	\$47.00	\$47.00
Guelph Lake			
Premium Unserviced	\$35.00	\$40.00	\$40.00
Standard Unserviced	\$34.00	\$39.00	\$39.00
Standard Serviced	\$42.00	\$47.00	\$47.00
Laurel Creek			
Standard Unserviced	\$34.00	\$39.00	\$39.00
Standard Serviced	\$42.00	\$47.00	\$47.00
Pinehurst			
Premium Serviced	\$43.00	\$48.00	\$48.00
Standard Unserviced	\$34.00	\$39.00	\$39.00
Standard Serviced	\$42.00	\$47.00	\$47.00
Rockwood			
Premium Unserviced	\$40.00	\$43.00	\$43.00
Premium Serviced	\$50.00	\$53.00	\$53.00
Standard Unserviced	\$39.00	\$42.00	\$42.00
Standard Serviced	\$49.00	\$52.00	\$52.00
Standard (Sewer) Serviced	\$54.00	\$57.00	\$57.00

APPENDIX B: 2019 PROPOSED SEASONAL CAMPING FEES

	2018 Price	% Increase	Proposed 2019 Rate
Brant Park			
Premium Unserviced (Waterfront)	\$ 2,195.00	3%	\$ 2,260.00
Premium Serviced (EWS)	\$ 2,625.00	3%	\$ 2,705.00
Standard Unserviced	\$ 1,750.00	3%	\$ 1,805.00
Standard Serviced	\$ 2,420.00	3%	\$ 2,495.00
Serviced (Water Only)	\$ 1,885.00	3%	\$ 1,940.00
Byng Island			
Premium Unserviced (Waterfront)	\$ 2,170.00	3%	\$ 2,235.00
Premium Serviced (Waterfront)	\$ 2,845.00	3%	\$ 2,930.00
Standard Unserviced	\$ 1,785.00	3%	\$ 1,840.00
Standard Serviced	\$ 2,550.00	3%	\$ 2,625.00
Standard water only	\$ 1,915.00	3%	\$ 1,970.00
Conestogo Lake			
Premium Unserviced	\$ 1,735.00	3%	\$ 1,785.00
Standard Serviced	\$ 2,095.00	3%	\$ 2,160.00
Elora Gorge			
Standard Serviced (Sewer)	\$ 2,740.00	3%	\$ 2,820.00
Standard Serviced	\$ 2,420.00	3%	\$ 2,495.00
Guelph Lake			
Premium Unserviced (Waterfront)	\$ 2,035.00	3%	\$ 2,095.00
Standard Unserviced	\$ 1,715.00	3%	\$ 1,765.00
Standard Serviced	\$ 2,420.00	3%	\$ 2,495.00
Laurel Creek			
Premium Unserviced	\$ 1,960.00	3%	\$ 2,020.00
Standard Unserviced	\$ 1,660.00	3%	\$ 1,710.00
Standard Serviced	\$ 2,305.00	3%	\$ 2,375.00
Pinehurst			
Standard Unserviced	\$ 1,715.00	3%	\$ 1,765.00
Standard Serviced	\$ 2,420.00	3%	\$ 2,495.00

APPENDIX C: DAY USE ADMISSION FEE COMPARISON

	<i>Adult</i>	<i>Child</i>	<i>Seniors</i>	<i>Persons w/ Disabilities</i>	<i>Vehicle</i>	<i>Membership Pass</i>	<i>Discounted Membership Pass</i>	<i>Lost /Stolen Pass</i>
GRCA – 2019 Proposed Rates								
All GRCA Parks	\$7.00	\$3.00	\$5.50	\$5.50	\$12.00	\$130.00	\$115.00	\$35.00
Competitors Fees								
*Ontario Parks	Adult	Child	Snr Vehicle Pass	Persons w/ Disabilities Vehicle	Vehicle	Membership Pass	Discounted Membership Pass	
Regular (Max.)	\$2.00	\$1.00	\$16.00	\$10.00	\$20.00	\$175.00		Full Value
Regular (Min.)			\$9.00	\$5.50	\$11.25			
Conservation Authorities	Adult	Child	Seniors	Persons w/ Disabilities	Vehicle	Membership Pass	Discounted Membership Pass	
Upper Thames River	\$8.00	\$4.00			\$14.00	\$125.00		
Hamilton (vehicle + \$5/passenger)	\$5.00	\$5.00	\$5.00	\$5.00	\$10.00	124.30	\$90.00	\$25.00
Long Point Region	\$5.00-8.00	\$3.50	\$4.00-7.00		\$12 - \$14.00	\$80.00		
Niagara Peninsula	\$7.00	\$5.00	\$5.00		\$21.00			
Halton Conservation	\$7 - \$7.75	\$5.25 - \$5.50	\$6 - \$6.75			\$135.50	\$113.00	\$10.00
Credit Valley Conservation	\$6.00	\$3.00	\$4.75		**\$25.00	\$113.00		
Toronto and Region Conservation	\$6.50	\$3.00	\$5.50			***\$135.0		
Private Campgrounds	Adult	Child	Seniors	Persons w/ Disabilities	Vehicle	Membership Pass	Discounted Membership Pass	
Country Garden RV Park (Petersburg)	\$5.00							
Knight's Beach Resort (Dunnville) *2017 rate	\$7.35				\$14.70			
Pine Valley Park (Branchton)	\$11.30	\$5.65						
Bingeman's Camping Resort	\$25.95	\$16.95	\$16.95			\$89.95		
Emerald Lake (Puslinch)	\$30.00	\$20.00						
Flamboro Valley Camping Resort	\$7.00	\$5.00						
Highland Pines Campground (Belwood)	\$11.30	\$5.65						

*Ontario Parks day fees are subsidized by the Province of Ontario

**Maximum charge per vehicle of up to 6 people

***Joint membership with CVC (Plus HST and Shipping)

APPENDIX D: RATE COMPARISON FOR NIGHTLY CAMPING

2019 Proposed Nightly Camping Fees	Unserviced	Serviced	Serviced (with Sewer)
GRCA			
All Conservation Areas (with the exception of Rockwood)	\$39.00	\$47.00	\$53.00
Rockwood Conservation Area	\$42.00	\$52.00	\$57.00

Competitors Fees (2018)	Unserviced	Serviced	Serviced (with Sewer)
Ontario Parks			
Ontario Parks Low	\$36.44	\$41.53	
Ontario Parks Middle	\$41.53	\$47.18	
Ontario Parks Premium	\$45.20	\$51.42	
Conservation Areas			
Upper Thames River	\$39.00	\$52.00	
Hamilton	\$45.20	\$53.11	\$56.50
Long Point Region	\$36.00	\$47.00-55.00	\$57.00-65.00
Niagara Peninsula - Low	\$38.50	\$44.50-50.50	
Private Campgrounds			
Conestoga Family Campground (Moorefield)	\$35.00	\$40.00	
Country Gardens RV Park (Petersburg)			\$58.00
Green Acre Park (Waterloo) - Low		\$44.00-54.00	\$50.00-62.00
Blue Sky RV Resorts (Dundalk)		\$54.00	\$59.00
Knight's Beach Resort (Dunnville)**	\$42.00-52.00	\$52.00-62.00	\$62.00-72.00
Pine Valley Park (Branchton) **		\$50.00	
Willow Lake Park (Woodstock) **	\$38.00	\$50.00-60.00	\$50.00
Bingeman's Camping Resort – Low **	\$45.00-50.00	\$50.00-55.00	\$55-60.00
Emerald Lake (Puslinch) **		\$100.00-105.00	\$115.00 - 120.00
Flamboro Valley Camping Resort **	\$46.00	\$51.00	\$58.00
Highland Pines Campground (Belwood) - Low		\$75.00	\$85.00

*Hydro Not Included in Fees

** Fees Do Not Include HST

APPENDIX E: RATE COMPARISON FOR SEASONAL CAMPING

	Unserviced	Serviced	Serviced (w/sewer hookup)	Waterfront/Premium
GRCA - 2019 Proposed Rates				
Lowest Rates (All GRCA Parks)	\$1,710.00	\$2095.00	\$2,705.00	\$2095.00
Highest Rates (All GRCA Parks)	\$1,840.00	\$2,550.00	\$2,820.00	\$2930.00

Competitors Fees (2018)	Unserviced	Serviced	Serviced (w/sewer hookup)	Waterfront/Premium
Conservation Authorities				
Upper Thames River	\$1,830.00-1,900.00	\$2,500.00-2,600.00		\$3,525.00
Long Point Region	\$1,614.00	\$2,255.00-2,487.00	\$2,710.00-2,940.00	
Niagara Peninsula		\$2,210.00-2,730.00		\$2,680.00
Maitland Valley		\$2,450.00		
*Private Campgrounds				
Conestoga Family Campground (Moorefield)			\$1,932.00	
Country Gardens RV Park (Petersburg)		\$3,000.00		
Green Acre Park (Waterloo)			\$4,170.00	
Pine Valley Park (Branchton)		\$2,555.00		\$2,655.00
Willow Lake Park (Woodstock)		\$2,650.00		\$3,000.00
Emerald Lake (Puslinch)		\$2,900.00		\$5,500.00
Flamboro Valley Camping Resort			\$2,400.00	\$2,900.00
Highland Pines Campground (Belwood)			\$3,550.00	\$10,945.00

Note: A majority of private campgrounds charge for hydro based on usage.

Grand River Conservation Authority

Report number: GM-12-18-127

Date: December 14, 2018

To: Members of the Grand River Conservation Authority

Subject: Budget 2019 – General Levy Apportionment Update

Recommendation:

THAT Report Number GM-12-18-127 - Budget 2019 – General Levy Apportionment Update be received as information.

Summary:

The City of Hamilton has requested budget information in a format not previously contemplated at the GRCA. GRCA has provided a response to Hamilton in the requested format. The City of Hamilton's revised request for information coincides with the Mining and Lands Commissioner decision issued on December 21, 2017, stating the agreement that was used for apportionment of the City of Hamilton's levy since the early 2001 was not valid. The City of Hamilton filed an application to the Divisional Court for judicial review.

In the absence of a valid agreement, the GRCA followed levy Regulation 670/00 which resulted in the City of Hamilton's apportioned share of Grand River Conservation Authority's General Levy to increase from 2.4% to 12% of the total. The revised share of 12.24% and 12.25% of total GRCA levy applies to the 2018 and 2019 budgets respectively. The City of Hamilton appealed the GRCA's 2018 levy apportionment and this is being held in abeyance pending the outcome of their judicial review of the December 21, 2017 Mining and Lands Commissioner decision.

Report:

The City of Hamilton is requesting budget information in a format not previously contemplated at the GRCA. See **Attachment A** for letter from Hamilton requesting budget 2019 information, which was previously received as correspondence at the General Membership meeting of October 26, 2018.

The information not previously requested is as follows (extract from Sept 23, 2018 letter):

Consistent with the provisions of sections 25, 26 and 27 of the Conservation Authorities Act, R.S.O. 1990, c. C.27 ("the Act"), and the authority granted to the Conservation Authorities under section 21 (1)(h) to determine the proportion of the total benefit afforded to all the participating municipalities, please also provide, as part of your budget submission, details of apportionment for any:

1. *Project Capital Costs (for which notice has been or will be appropriately given under the Act) with details of planned projects, applicable implementation schedules and apportionment methodology applied by you under the Act based on benefit derived by Hamilton;*

2. *Maintenance Costs and apportionment methodology as applied by you under section 27(2) of the Act based on benefit derived by Hamilton; and,*
3. *Administration Costs and apportionment methodology as applied by you under section 27(3) of the Act.*

The response provided to Hamilton is outlined in **Attachment B** – GRCA letter to Hamilton dated December 5th, 2018.

Background Information on Mining and Lands Decision:

The “new” City of Hamilton was formed on January 1, 2001, by the amalgamation of Hamilton and its five neighbouring municipalities: Ancaster, Dundas, Flamborough, Glanbrook, and Stoney Creek.

Prior to amalgamation, the Regional Municipality of Hamilton Wentworth contributed about 2.3% of GRCA’s General Levy, based on the following estimated percentage of the geographic areas of the local municipalities being in the Grand River watershed:

Former Region of Hamilton-Wentworth	
Local Municipality	Percent in Grand River Watershed based on Geographic Area
Ancaster	22%
Flamborough	33%
Glanbrook	3%
Hamilton, Dundas, Stoney Creek	0

As a result of amalgamation, MNR advised Grand River Conservation Authority that approximately 19% of geographic area of the “new” City of Hamilton was in the Grand River watershed. The standard levy apportionment formula would have assumed that the new City’s total assessment multiplied by 19% equaled the portion of Hamilton’s assessment that was in GRCA’s watershed. Using this formula would have caused Hamilton’s levy for GRCA to be approximately four times the amount that the former Region of Hamilton-Wentworth had been paying. Similar increases would have been required by Conservation Halton and Niagara Peninsula Conservation Authority (NPCA). This seemed unreasonable since the majority of the urban assessment was not in those three watersheds.

Prior to 2001, the GRCA wrote to the Minister of Natural Resources to ask for a resolution to this anomaly, which was caused by creating a large municipality that spanned four Conservation Authority jurisdictions. The Ministry issued Regulation 670/00, which allowed for maintenance levies to be apportioned by agreement among a conservation authority and its participating municipalities. The City of Hamilton and its four Conservation Authorities met to develop such an agreement and in 2001, they passed motions in an effort formalize it. The following motion was passed by GRCA in January 2001:

THAT the total 2001 General Levy be apportioned to participating municipalities on the basis of Modified Current Value Assessment as defined in Ontario Regulation 670/00:

AND THAT the Modified Current Value Assessment for the new City of Hamilton be calculated based on the former area municipalities as agreed to by the new

City of Hamilton, the Grand River Conservation Authority, the Halton Region Conservation Authority, the Hamilton Region Conservation Authority, and the Niagara Peninsula Conservation Authority.

By 2004, the formula was revised slightly, as a result of a detailed study undertaken by NPCA, using geo-referencing to determine the actual portion of Hamilton’s assessment that fell in the watersheds. The City and its four conservation authorities passed resolutions again, to use these revised numbers for their levy apportionment in 2004. Following, is a comparison of the 2004 agreement to the current (updated) geographic area that falls in the four watersheds:

Conservation Authority	Estimated Watershed Assessment (per 2004 Agreement)	Geographic Area in Watershed (per GIS study in 2018)
Hamilton CA	87.4 %	37.98 %
Halton Region CA	4.0 %	14.17 %
Grand River CA	4.7 %	26.75 %
Niagara Peninsula CA	3.9 %	21.09 %
Total	100.0 %	100.00 %

In 2014, the NPCA questioned the validity of the 2001/2004 agreement and was of the opinion that it was not valid because:

- a) there was no written agreement, and,
- b) they believed that in order to have “agreement” under Regulation 670/00, resolutions would have to be passed by the councils of all participating municipalities (rather than by the four Conservation Authority Boards and the City of Hamilton)

The NPCA advised the City of Hamilton in early 2015 that their levy would be increasing from approximately \$500,000 to more than \$1.3 Million per year, because NPCA was no longer prepared to honour the 2001/2004 agreement. The City of Hamilton appealed this decision to the Mining and Lands Commissioner.

On December 21, 2017, the Mining and Lands Commissioner issued a decision, dismissing the City of Hamilton’s appeal. The decision supports the position that NPCA took in 2015, which essentially makes the 2001/2004 agreement invalid. GRCA immediately contacted the MNRF to find out what percentage to use for the geographic area of the City of Hamilton in the Grand River Watershed. Although the estimate at the time of amalgamation was 19%, MNRF advised GRCA that updated GIS information indicates that 26.75% of the City of Hamilton is actually in the Grand River Watershed. GRCA staff has confirmed this figure in GIS. Using this revised area, the levy formula caused Hamilton’s levy to be 12.24% and 12.25% of the total GRCA levy in 2018 and 2019 respectively .

GRCA has been using the numbers from the “agreement” to apportion all general levies (administration, maintenance and capital) since 2001. Every year, the board resolution approving the levy apportionment included the following acknowledgement of the agreement:

“...AND THAT each member municipality’s share of the [year] General Levy be calculated using “Modified Current Value Assessment” with an adjustment for the City of Hamilton which is based on a “local agreement” with the municipality and its four Conservation Authorities.”

A copy of this resolution was also included in the letters to participating municipalities, advising them of their share of the levy each year.

Based on the 2017 Mining and Lands Commissioner decision, the agreement in place was considered invalid. As a result, the 2018 levy apportionment for administration and maintenance, was calculated in accordance with the CVA formula using geographic area (per Regulation 670/00). Capital levy is also calculated using the CVA formula using geographic area given that it primarily represents expenses incurred to maintain capital and/or the benefit has been determined to be watershed-wide. Also, to the extent that the capital levy is not fully utilized in a given budget year, the unspent portion is allocated to the designated reserve for water control structures or gauges, as applicable.

Actions taken by Hamilton since December 17, 2017 Mining and Lands Commissioner (MLC) Decision:

In response to the MLC's decision, the City of Hamilton filed an application to the Divisional Court for judicial review and a hearing was held October 30, 2018.

At the outset of the hearing in Divisional Court on October 30th, the City of Hamilton brought a motion requesting that the judicial review be heard by a bilingual panel due to the City of Hamilton's contention that the French version of s. 27 of the *Conservation Authorities Act* is relevant and will assist the Court in interpreting the meaning and legislative intent of the provisions at issue; The French version of s.27 is worded differently than the English version of s.27. The panel granted the City's request. As a result, a bilingual panel will be constituted and this matter will be heard at the next sittings of the Divisional Court, which is in February of 2019.

The City of Hamilton also appealed the GRCA's 2018 levy apportionment and asked we hold their appeal in abeyance pending the conclusion of their judicial review application being brought respecting the Mining and Lands Commissioner's decision of December 21, 2017.

Financial implications:

There is no precedent upon which to draw upon in order to know with certainty the impact of the judicial review.

Other department considerations:

Not applicable

Prepared by:

Sonja Radoja
Manager of Corporate Services

Approved by:

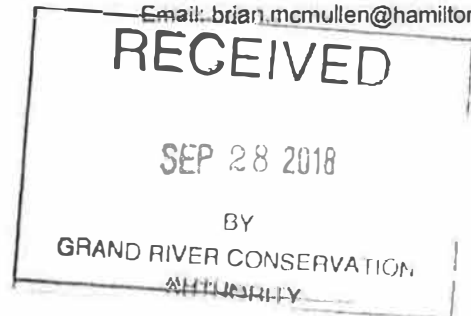
Joe Farwell
Chief Administrative Officer



Hamilton

City of Hamilton
 City Hall, 71 Main Street
 West, 1st Floor
 Hamilton, Ontario,
 Canada L8P 4Y5
 www.hamilton.ca

Acting General Manager, Finance and Corporate Services
 1st Floor, 71 Main Street West
 Phone: 905.540.6150
 Email: brian.mcmullen@hamilton.ca



September 21, 2018.

Ms. Sonja Radoja
 Manager of Corporate Services
 Grand River Conservation Authority
 400 Clyde Road, P.O. Box 739
 Cambridge, Ontario
 N1R5W6

Re: 2019 Budget Submission for the Grand River Conservation Authority

Dear Ms. Radoja:

This letter is to provide you with information with respect to the City of Hamilton's 2019 Budget Process.

As in past years, you are requested to submit a copy of your organization's 2019 budget along with the most recent audited financial statements, to the attention of Cyrus Patel, Financial Planning, Admin & Policy Division, 71 Main Street West, Hamilton, Ontario L8P 4Y5, by November 23rd 2018.

Consistent with the provisions of sections 25, 26 and 27 of the *Conservation Authorities Act*, R.S.O. 1990, c. C.27 ("the Act"), and the authority granted to the Conservation Authorities under section 21(1)(h) to determine the proportion of the total benefit afforded to all the participating municipalities, please also provide, as part of your budget submission, details of apportionment for any:

1. Project Capital Costs (for which notice has been or will be appropriately given under the Act) with details of planned projects, applicable implementation schedules and apportionment methodology applied by you under the Act based on benefit derived by Hamilton;
2. Maintenance Costs and apportionment methodology as applied by you under section 27(2) of the Act based on benefit derived by Hamilton; and,
3. Administration Costs and apportionment methodology as applied by you under section 27(3) of the Act.

As well, please be advised that at this time, there is no Council directive regarding the budget guidelines to be adopted in preparation of the 2019 budget; however, the City's Senior Leadership Team has set internal guidelines in keeping with Council's past practices targeting a 2019 budget increase of 1.5% over the 2018 budget. In addition, staff will be developing options to achieve 1.0%.

The General Issues Committee will be meeting on Tuesday, January 22, 2019 to consider your budget submission, at which time you are requested to provide a presentation to the Committee. Please email your presentation for that meeting by January 7th, 2019 to Stephanie.Paparella@hamilton.ca.

Respectfully,

Brian McMullen
 Acting General Manager
 Finance and Corporate Services



Administration Centre: 400 Clyde Road, P.O. Box 729 Cambridge, ON N1R 5W6

Phone: 519-621-2761 Toll free: 1-866-900-4722 Fax: 519-621-4844 www.grandriver.ca

December 5th, 2018

Rose Caterini
City Clerk
City of Hamilton
71 Main Street West
Hamilton, On
L8P 4Y5

Re: General Municipal Levy Apportionment, 2019

Dear Ms. Caterini,

As requested, this letter and attachment (draft general levy apportionment 2019) confirm the dollar allocations of the municipal levy to the various municipalities and the basis on which the percentage allocation has been determined.

The dollar amounts reflected in the attached represent draft amounts provided to the board at the October 26th, 2018 general meeting. The final amounts will be approved as part of the 2019 budget report at the February 22, 2019 general meeting.

The levy apportionment has been calculated as follows:

- Administration and Maintenance levy apportionment, calculated in accordance with the CVA formula using geographic area (per Regulation 670/00).
- Capital levy is also calculated using the aforementioned CVA formula using geographic area given that it primarily represents expenses incurred to maintain capital and/or the benefit has been determined to be watershed-wide. Also, to the extent that the capital levy is not fully utilized in a given budget year, the unspent portion is allocated to the designated reserve for water control structures or gauges, as applicable.

Sincerely,

A handwritten signature in blue ink, appearing to read "S. Radoja".

Sonja Radoja
Manager of Corporate Services

cc. Brian McMullen, Acting General Manager
Cyrus Patel, Financial Planning, Admin & Policy Division
Karen Armstrong, Secretary-Treasurer/Deputy CAO, GRCA

Grand River Conservation Authority
Summary of Municipal Levy - 2019 Budget

DRAFT-October 26, 2018

Watershed	% CVA In	2018 CVA	(Modified)	CVA in Watershed	Apportionment	2018 Budget		2019 Budget		2019 Budget	2019 Budget	Actual	% Change
						Matching & Maintenance Levy	Admin & Non Matching Admin Levy	Capital Levy	Total Levy				
Brant County	82.9%	5,955,826,066	4,937,379,809	2.75%	23,970	267,336	28,894	320,200	326,904	-2.1%			
Brantford C	100.0%	13,253,620,186	13,253,620,186	7.39%	64,343	717,622	77,561	859,526	820,175	4.8%			
Amaranth Twp	82.0%	692,356,801	567,732,577	0.32%	2,756	30,740	3,322	36,818	35,971	2.4%			
East Garafraxa Twp	80.0%	533,804,174	427,043,339	0.24%	2,073	23,122	2,499	27,694	26,838	3.2%			
Town of Grand Valley	100.0%	429,279,822	429,279,822	0.24%	2,084	23,244	2,512	27,840	26,727	4.2%			
Melancthon Twp	56.0%	507,262,719	284,067,123	0.16%	1,379	15,381	1,662	18,422	18,160	1.4%			
Southgate Twp	6.0%	883,428,392	53,005,703	0.03%	257	2,870	310	3,437	3,294	4.3%			
Haldimand County	41.0%	6,276,148,294	2,573,220,801	1.43%	12,492	139,328	15,059	166,879	162,607	2.6%			
Norfolk County	5.0%	8,618,652,073	430,932,604	0.24%	2,092	23,333	2,522	27,947	27,566	1.4%			
Haldimand Region	10.4%	39,536,197,403	4,121,457,995	2.30%	20,009	223,158	24,119	267,266	253,594	5.4%			
Hamilton City	26.7%	82,190,675,574	21,986,005,716	12.25%	106,736	1,190,440	128,664	1,425,840	1,389,640	2.6%			
Oxford County	37.3%	3,842,021,887	1,432,116,305	0.80%	6,953	77,542	8,381	92,876	90,099	3.1%			
North Perth Twp	2.0%	1,911,183,097	38,223,662	0.02%	186	2,070	224	2,480	2,385	4.0%			
Perth East Twp	40.0%	1,744,223,194	697,689,278	0.39%	3,387	37,777	4,083	45,247	43,127	4.9%			
Waterloo Region	100.0%	91,711,011,599	91,711,011,599	51.11%	445,232	4,965,722	536,699	5,947,653	5,816,764	2.3%			
Centre Wellington Twp	100.0%	4,490,977,731	4,490,977,731	2.50%	21,802	243,166	26,282	291,250	285,969	1.8%			
Erin Twp	49.0%	2,319,917,492	1,136,759,571	0.63%	5,519	61,550	6,652	73,721	73,360	0.5%			
Guelph C	100.0%	24,316,625,767	24,316,625,767	13.55%	118,051	1,316,632	142,303	1,576,986	1,537,580	2.6%			
Guelph Eramosa Twp	100.0%	2,527,154,919	2,527,154,919	1.41%	12,269	136,834	14,789	163,892	159,913	2.5%			
Mapleton Twp	95.0%	1,526,746,159	1,450,407,901	0.81%	7,041	78,533	8,488	94,062	90,132	4.4%			
Wellington North Twp	51.0%	1,516,305,544	773,315,828	0.43%	3,754	41,871	4,526	50,151	49,212	1.9%			
Puslinch Twp	75.0%	2,380,647,827	1,785,485,870	1.00%	8,668	96,676	10,449	115,793	111,983	3.4%			
Total		297,164,066,719	179,423,514,108	100.00%	871,053	9,714,947	1,050,000	11,636,000	11,352,000	2.5%			

Grand River Conservation Authority

Report number: GM-12-18-126
Date: December 14, 2018
To: Members of the Grand River Conservation Authority
Subject: Budget 2019 – Notification to Municipalities

Recommendation:

THAT a letter be sent to participating municipalities on January 21, 2019 advising them of the General Membership meeting to be held on February 22, 2019 to approve the 2019 Budget and the municipal levy;

AND THAT the GRCA 2019 Budget (draft #2), which will be presented at the General Membership meeting on January 25, 2019 be included with the letter.

Summary:

Not Applicable

Report:

Ontario Regulation 139/96, made under the Conservation Authorities Act, requires that Conservation Authorities provide 30 days' notice to participating municipalities of a meeting at which the Budget and Levy will be approved. The notice must include the amount of each municipality's levy and the financial information relied on in support of that levy. The financial information included is a normally the most recent draft of the budget.

Draft #2 of the 2019 Budget will be presented at the General Meeting on January 25, 2019, but the 30-day notification letter must be mailed before January 25th. Staff is seeking board approval to include the 2019 Budget (draft #2) with the notification letter.

Financial implications:

The 2019 General Levy in draft #2 is expected to be the same as draft #1, which was presented to the Board on September 28, 2018. The details and apportionment of the levy is included on the attached schedule.

Other department considerations:

Not applicable

Prepared by:

Sonja Radoja
Manager of Corporate Services

Approved by:

Karen Armstrong
Deputy CAO, Secretary-Treasurer

Grand River Conservation Authority Summary of Municipal Levy - 2019 Budget

DRAFT-October 26, 2018

	% CVA in Watershed	2018 CVA (Modified)	CVA in Watershed	CVA-Based Apportionment	2018 Budget Matching Admin & Maintenance Levy	2019 Budget Non Matching Admin & Maintenance Levy	2019 Budget Capital Levy	2019 Budget Total Levy	Actual 2018 Levy	% Change
Brant County	82.9%	5,955,826,066	4,937,379,809	2.75%	23,970	267,336	28,894	320,200	326,904	-2.1%
Brantford C	100.0%	13,253,620,186	13,253,620,186	7.39%	64,343	717,622	77,561	859,526	820,175	4.8%
Amaranth Twp	82.0%	692,356,801	567,732,577	0.32%	2,756	30,740	3,322	36,818	35,971	2.4%
East Garafraxa Twp	80.0%	533,804,174	427,043,339	0.24%	2,073	23,122	2,499	27,694	26,838	3.2%
Town of Grand Valley	100.0%	429,279,822	429,279,822	0.24%	2,084	23,244	2,512	27,840	26,727	4.2%
Melancthon Twp	56.0%	507,262,719	284,067,123	0.16%	1,379	15,381	1,662	18,422	18,160	1.4%
Southgate Twp	6.0%	883,428,392	53,005,703	0.03%	257	2,870	310	3,437	3,294	4.3%
Haldimand County	41.0%	6,276,148,294	2,573,220,801	1.43%	12,492	139,328	15,059	166,879	162,607	2.6%
Norfolk County	5.0%	8,618,652,073	430,932,604	0.24%	2,092	23,333	2,522	27,947	27,566	1.4%
Halton Region	10.4%	39,536,197,403	4,121,457,995	2.30%	20,009	223,158	24,119	267,286	253,594	5.4%
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Oxford County	37.3%	3,842,021,887	1,432,116,305	0.80%	6,953	77,542	8,381	92,876	90,099	3.1%
North Perth T	2.0%	1,911,183,097	38,223,662	0.02%	186	2,070	224	2,480	2,385	4.0%
Perth East Twp	40.0%	1,744,223,194	697,689,278	0.39%	3,387	37,777	4,083	45,247	43,127	4.9%
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Erin T	49.0%	2,319,917,492	1,136,759,571	0.63%	5,519	61,550	6,652	73,721	73,360	0.5%
Guelph C	100.0%	24,316,625,767	24,316,625,767	13.55%	118,051	1,316,632	142,303	1,576,986	1,537,580	2.6%
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Mapleton Twp	95.0%	1,526,746,159	1,450,407,901	0.81%	7,041	78,533	8,488	94,062	90,132	4.4%
Wellington North Twp	51.0%	1,516,305,544	773,315,828	0.43%	3,754	41,871	4,526	50,151	49,212	1.9%
Puslinch Twp	75.0%	2,380,647,827	1,785,485,870	1.00%	8,668	96,676	10,449	115,793	111,983	3.4%
Total		297,164,066,719	179,423,514,108	100.00%	871,053	9,714,947	1,050,000	11,636,000	11,352,000	2.5%

Grand River Conservation Authority

Report number: GM-12-18-123

Date: December 14, 2018

To: Members of the Grand River Conservation Authority

Subject: Cash and Investment Status – November 2018

Recommendation:

THAT Report Number GM-12-18-123 Cash and Investment Status – November 2018 be received as information.

Summary:

The cash position included Notes Receivable of the Grand River Conservation Authority as at November 30, 2018 was \$31,147,842 with outstanding cheques written in the amount of \$186,013.

Report:

Attached.

Financial implications:

Interest rates, etc. are shown on the report.

Other department considerations:

Not applicable.

Prepared by:

Carol Anne Johnston
Senior Accountant

Sonja Radoja
Manager of Corporate Services

Approved by:

Karen Armstrong
Deputy CAO/Secretary Treasurer

**Grand River Conservation Authority
Cash and Investments Status Report
November 30, 2018**

BANK ACCOUNTS	Location	Type	Amount	Interest Rate
	CIBC	Current Account	3,225,869	2.15%
	RBC	Current Account	199,833	nil
	Wood Gundy	Current Account	36,539	0.20%
	CIBC - SPP Holding	Current Account	252,273	2.15%
	TOTAL CASH - CURRENT ACCOUNT		3,714,514	

INVESTMENTS	Date Invested	Location	Type	Amount	Face Value Interest Rate	Yield Rate	Date of Maturity	2018 Total Interest Earned/ Accrued
	September 9, 2009	CIBC Renaissance	High Interest Savings Account	1,728,048	1.60%	1.60%	not applicable	33,406
	October 1, 2014	CIBC Trust Savings	High Interest Savings Account	2,233,077	1.35%	1.35%	not applicable	26,332
	July 15, 2016	One Investment Savings	High Interest Savings Account	4,138,157	2.225%	2.225%	not applicable	83,639
	December 8, 2014	Laurentian Bank	Bond	1,578,000	2.81%	2.364%	June 13, 2019	37,697
	January 28, 2015	CIBC	Step up bond	726,046	1.80%	1.80%	May 15, 2019	13,545
	September 3, 2015	CIBC	Step up bond	2,000,000	2.25%	2.25%	September 3, 2025	45,326
	October 14, 2015	Laurentian Bank	Bond	1,996,000	2.50%	2.62%	January 23, 2020	51,814
	March 1, 2016	CIBC	Bond	1,300,000	1.70%	1.80%	March 1, 2023	23,293
	September 16, 2016	CIBC	Bond	1,184,000	1.30%	1.30%	March 13, 2020	15,868
	August 24, 2017	Bank of Montreal	Bond	1,550,000	1.61%	2.01%	October 28, 2021	30,781
	March 15, 2018	Bank of Nova Scotia	Bond	2,000,000	3.036%	2.20%	October 18, 2019	36,266
	July 16, 2018	Bank of Nova Scotia	Bond	1,000,000	2.27%	2.23%	January 13, 2020	10,178
	October 11, 2018	National	Bond	2,000,000	2.404%	2.326%	October 28, 2019	10,266
	October 11, 2018	RBC	Bond	2,000,000	2.35%	2.34%	December 9, 2019	10,328
	October 11, 2018	Bank of Nova Scotia	Bond	2,000,000	2.27%	2.399%	January 13, 2020	10,445
	TOTAL INVESTMENTS			27,433,328				\$439,183

TOTAL CASH AND INVESTMENTS	\$31,147,842
* Reserve Balance at December 31st, 2017	21,774,572

Investment By Institution

	<u>% of Total Portfolio</u>
C.I.B.C.	33%
Bank of Nova Scotia	18%
Bank of Montreal	6%
Royal Bank	7%
National	7%
Laurentian	13%
One Investment Program	15%
	<u>100%</u>

* Reserve balances are reviewed annually by the Board in November.

Grand River Conservation Authority

Report number: GM-12-18-121

Date: December 14, 2018

To: Members of the Grand River Conservation Authority

Subject: Financial Summary for the Period Ending November 30, 2018

Recommendation:

THAT the Financial Summary for the period ending November 30, 2018 be approved.

Summary:

The Financial Summary includes the 2018 *actual* year-to-date income and expenditures. The budget approved at the February 23, 2018 General Meeting is included in the *Budget* column. The *Current Forecast* column indicates an estimate of income and expenditures for the whole year. At this time a surplus of \$323,000 at year-end is anticipated.

Report:

The Financial Summary is attached.

A. Total Revenue increased by \$315,000

- Government funding increased by \$50,000.
 - Provincial funding (WECI) increased by \$50,000 for funding for summer students grants at the Nature Centres.
- Self-Generated revenue increased by \$265,000.
 - Conservation Area fee revenue increased by \$200,000 due to higher attendance. All conservation area are exceeding budgeted revenue with the exception of Elora Gorge which is expected to come in slightly under budget due to certain camping areas not being available for occupancy.
 - Property Rental income increased by \$15,000 due to higher revenue with the Cottage Lot Program and Agricultural leases offset slightly by decrease to miscellaneous rental income.
 - Hydro Generation revenue increased by \$50,000 due to increased production.

B. Total Expenditures increased by \$65,000.

- Operating Expenses increased by \$25,000.
 - Water resources planning travel and conference expenses decreased by \$20,000 due to fewer claims.
 - Resources Planning compensation and benefit expense decreased by \$50,000 due to staff vacancies.

- Communications program consulting expenses decreased by \$50,000. Funding was allocated to implement consultant recommendations. Projects have been deferred to 2019.
- Nature Centre Operating expenses increased by \$50,000 to reflect increased costs of \$25,000 for compensation and benefits due to wage increases and \$25,000 for increases in other various operating expenses.
- Corporate Services expenses decreased by \$70,000 due to \$10,000 reduction in board administrative expense (mileage and conferences), \$30,000 reduction in compensation and benefits, and \$30,000 reduction in consulting expenses (file management project deferred to 2019).
- Property Rental expenses increased by \$65,000. Cottage Lot hazard tree management (EAB) expenses increased by \$100,000 and Cottage Lot road maintenance expenses decreased by \$35,000.
- Conservation Area operating expenses increased by \$100,000 due to increased volume of customers. Expenses that were higher due to volume include grounds and roads maintenance, water charges, security, firewood, software fee charge and bank charges.
- Special Project Expenses increased by \$40,000.
 - Land Sale disposal expenses increased by \$40,000 which relate to the residential rental properties that are being sold.

C. NET Funding to Reserves increased by \$60,000.

- Transfer to the Conservation Area reserve increased by \$100,000 due to surplus forecast for Conservation Area operations.
- Transfer to the Land Sale Proceeds reserve increased by \$50,000 due to transfer of increased hydro generating revenue. Hydro revenue surplus transferred to this reserve to repay hydro loan from this reserve.
- Transfer from the Land Sale Proceeds reserve increased by \$40,000 to fund land sale expenses.
- Transfer from the Cottage Lot reserve increased by \$50,000 to fund hazard tree management.

Financial implications:

The activity summarized will result in a \$323,000 surplus at December 31, 2018.

Other department considerations:

The management committee and appropriate supervisory staff receive monthly financial reports and advise the finance department of applicable forecast adjustments.

Prepared by:

Sonja Radoja
Manager Corporate Services

Approved by:

Karen Armstrong
Secretary-Treasurer/Deputy CAO

**GRAND RIVER CONSERVATION AUTHORITY
FINANCIAL SUMMARY - FORECAST**

General Membership December 14, 2018

FORECAST - OCTOBER 31, 2018 - NET RESULT \$133,000

CHANGES - November 2018

Sch 2	Water Resource Planning & Environment	\$20,000	Water Resources Planning Travel Expenses decreased	\$20,000
Sch 4	Resource Planning	\$50,000	Compensation & Benefit Expenses decreased	\$50,000
Sch 7	Communications	\$50,000	Consulting Expenses decreased (defer to 2019)	\$50,000
Sch 8	Environmental Education	\$50,000	Provincial Funding increased	\$0
		(\$25,000)	Compensation & Benefit Expenses increased	
		(\$25,000)	Other Expenses increased	
Sch 9	Corporate Services	\$10,000	Board Administrative Expenses (from \$31,500 to \$21,500)	\$70,000
		\$30,000	Corporate Services Wages and Benefit Expenses decreased	
		\$30,000	Consulting Expenses decreased (defer file management project to 2019)	
Sch 10	Conservation Lands Management	(\$40,000)	Land Sale Disposal Expenses increased	\$0
		\$40,000	Funding from Land Sales Proceeds Reserve increased	
Sch 11	Property Rentals	(\$100,000)	Cottage Lot Program-Hazard Tree (EAB) Management Expenses increased	\$0
		\$15,000	Cottage Lot Program-Revenue increased	
		\$35,000	Cottage Lot Program-Roads Maintenance Expenses decreased	
		\$50,000	Funding from Cottage Lot Reserve	
		\$15,000	Agricultural Leases Revenue Increased	
		(\$15,000)	Misc Rental Revenue decreased	
Sch 12	Hydro Production	\$50,000	Hydro Revenue Increased	\$0
		(\$50,000)	Funding to Land Sale Proceeds Reserve increased	
Sch 13	Conservation Areas	\$200,000	Revenue Increased	\$0
		(\$100,000)	Operating Expenses Increased	
		(\$100,000)	Funding to Conservation Area Reserve increased	

FORECAST - NOVEMBER 30, 2018 - NET RESULT \$323,000

**GRAND RIVER CONSERVATION AUTHORITY
STATEMENT OF OPERATIONS
FOR THE PERIOD ENDING November 30, 2018**

SCHEDULE		Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
REVENUE							
Municipal							
General Municipal Levy (Operating)	various	10,025,000	10,302,000	10,302,000	10,302,000	10,302,000	0
General Municipal Levy (Capital)	various	1,050,000	1,050,000	1,050,000	1,050,000	1,050,000	0
Special Municipal Levy	various	0	150,000	99,411	150,000	150,000	0
Other	various	1,132,936	830,000	2,015,234	830,000	830,000	0
		12,207,936	12,332,000	13,466,645	12,332,000	12,332,000	0
Government Grants							
MNRF Transfer Payments	various	871,073	871,073	871,073	871,073	871,073	0
Source Protection Program-Provincial	various	1,570,408	1,575,000	1,205,057	1,435,000	1,435,000	0
Other Provincial	various	933,723	1,432,500	1,078,841	1,632,500	1,682,500	50,000
Federal	various	433,700	70,000	337,232	205,000	205,000	0
		3,808,904	3,948,573	3,492,203	4,143,573	4,193,573	50,000
Self Generated							
User Fees and Sales							
<i>Enquiries and Permits</i>	4	515,729	491,400	448,075	491,400	491,400	0
<i>Plan Input and Review</i>	4	457,368	410,000	437,333	410,000	410,000	0
<i>Nursery and Woodlot Management</i>	5	460,894	465,000	459,331	475,000	475,000	0
<i>Consulting</i>	4	0	0	3,726	0	0	0
<i>Conservation Lands Income</i>	10	53,610	71,000	56,424	71,000	71,000	0
<i>Conservation Areas User Fees</i>	13	8,480,836	8,000,000	9,121,392	8,950,000	9,150,000	200,000
<i>Nature Centres and Camps</i>	8	928,125	942,000	863,471	972,000	972,000	0
<i>Merchandising and Sales</i>	8	473	0	955	0	0	0
Property Rentals	11	2,937,919	2,900,700	2,802,007	2,870,700	2,885,700	15,000
Hydro Generation	12	572,154	470,000	472,112	470,000	520,000	50,000
Land Sales	10	0	0	1,166,343	1,168,000	1,168,000	0
Grand River Conservation Foundation	various	698,380	399,000	322,564	399,000	399,000	0
Donations	various	72,602	314,000	349,763	314,000	314,000	0
Landowner Contributions	5	200,118	200,000	199,269	200,000	200,000	0
Investment Income	14	442,984	450,000	356,080	450,000	450,000	0
Miscellaneous Income	various	98,391	48,000	17,850	58,000	58,000	0
Total Self-Generated Revenue		15,919,583	15,161,100	17,076,695	17,299,100	17,564,100	265,000
TOTAL REVENUE		31,936,423	31,441,673	34,035,543	33,774,673	34,089,673	315,000

**GRAND RIVER CONSERVATION AUTHORITY
STATEMENT OF OPERATIONS
FOR THE PERIOD ENDING November 30, 2018**

SCHEDULE	Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change	
EXPENSES							
OPERATING							
Water Resources Planning & Environment	1	1,994,193	2,221,800	1,813,181	2,200,300	2,180,300	(20,000)
Flood Forecasting and Warning	2	700,905	800,400	676,083	800,400	800,400	0
Water Control Structures	3	1,550,381	1,725,700	1,522,692	1,725,700	1,725,700	0
Resource Planning	4	1,872,317	1,977,900	1,707,792	2,017,900	1,967,900	(50,000)
Forestry & Conservation Land Property Taxes	5	1,339,953	1,376,500	1,257,725	1,416,500	1,416,500	0
Conservation Services	6	764,450	861,000	731,582	861,000	861,000	0
Communications & Foundation	7	595,594	714,900	568,519	714,900	664,900	(50,000)
Environmental Education	8	1,326,109	1,316,400	1,284,279	1,346,900	1,396,900	50,000
Corporate Services	9	2,917,332	3,399,987	2,609,682	3,148,487	3,078,487	(70,000)
Conservation Lands	10	1,758,357	1,947,000	1,726,924	1,931,500	1,931,500	0
Property Rentals	11	2,178,441	1,595,400	1,517,657	1,690,400	1,755,400	65,000
Hydro Production	12	177,078	130,000	108,157	150,000	150,000	0
Conservation Areas	13	6,903,045	7,110,000	7,276,244	7,560,000	7,660,000	100,000
Miscellaneous	14	109,038	70,000	52,362	70,000	70,000	0
Information Systems	16	1,100,195	1,136,000	1,043,892	1,136,000	1,136,000	0
Motor Pool	16	789,383	898,000	797,312	898,000	898,000	0
Less: Internal Charges (IS & MP)	16	(1,889,578)	(2,034,000)	(1,841,204)	(2,034,000)	(2,034,000)	0
Total OPERATING Expenses		24,187,193	25,246,987	22,852,879	25,633,987	25,658,987	25,000
CAPITAL							
Water Resources Planning & Environment	1	73,117	110,000	73,396	110,000	110,000	0
Flood Forecasting and Warning	2	204,172	190,000	153,440	190,000	190,000	0
Water Control Structures	3	1,112,074	1,500,000	590,921	1,900,000	1,900,000	0
Nature Centres	8	0	0	0	0	0	0
Conservation Areas	13	859,691	1,820,000	1,426,715	1,820,000	1,820,000	0
Corporate Services	9	0	0	0	0	0	0
Information Systems	16	227,780	200,000	225,929	250,000	250,000	0
Motor Pool	16	170,756	500,000	348,246	500,000	500,000	0
Less: Internal Charges (IS & MP)	16	(461,383)	(410,000)	(553,232)	(440,000)	(440,000)	0
Total Capital Expenses		2,186,207	3,910,000	2,265,415	4,330,000	4,330,000	0
SPECIAL							
Water Resources Planning & Environment	1	279,571	285,000	263,714	335,000	335,000	0
Flood Forecasting and Warning	2	132,927	850,000	107,422	910,000	910,000	0
Forestry	5	185,284	270,000	164,505	270,000	270,000	0
Conservation Services	6	1,281,536	936,000	858,680	961,000	961,000	0
Communications	7	0	0	0	0	0	0
Environmental Education	8	260,266	0	0	0	0	0
Conservation Land Purchases	10	139,401	0	138,024	95,000	135,000	40,000
Conservation Lands	10	553,129	420,000	206,642	420,000	420,000	0
Property Development	11	0	50,000	0	50,000	50,000	0
Hydro Generation	12	112,472	300,000	70,921	0	0	0
Miscellaneous	14	28,890	35,000	28,236	35,000	35,000	0
Source Protection Program	15	1,570,408	1,575,000	1,205,057	1,435,000	1,435,000	0
Total SPECIAL PROJECTS Expenses		4,543,884	4,721,000	3,043,201	4,511,000	4,551,000	40,000
Total Expenses		30,917,284	33,877,987	28,161,495	34,474,987	34,539,987	65,000
Gross Surplus		1,019,139	(2,436,314)	5,874,048	(700,314)	(450,314)	250,000
Prior Year Surplus Carryforward		315,832	412,314	315,832	412,314	412,314	0
Total Funding FROM Reserves (Funding)		3,683,068	5,218,000	0	5,443,000	5,533,000	90,000
Total Funding TO Reserves		(4,605,725)	(3,194,000)	(304)	(5,022,000)	(5,172,000)	(150,000)
Net Funding FROM/(TO) Reserves		(922,657)	2,024,000	(304)	421,000	361,000	(60,000)
NET SURPLUS		412,314	0	6,189,576	133,000	323,000	190,000

GRAND RIVER CONSERVATION AUTHORITY
Schedule 1 - Water Resources - Planning and Environment
FOR THE PERIOD ENDING November 30, 2018

	Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
How much does it cost, and who pays for it?						
Expenditures and Funding to Reserves						
Compensation and Benefits	1,469,253	1,587,900	1,332,200	1,572,900	1,572,900	
Administration Expenses	256,974	313,000	245,716	313,000	293,000	(20,000)
Insurance Expenses	115,267	110,000	103,297	103,500	103,500	
Other Operating Expenses	152,699	210,900	131,968	210,900	210,900	
Total OPERATING Expenditures	1,994,193	2,221,800	1,813,181	2,200,300	2,180,300	(20,000)
Instrumentation	30,973	60,000	32,346	60,000	60,000	
Water Quality Monitoring Equipment	42,144	50,000	41,050	50,000	50,000	
Total CAPITAL Expenditures	73,117	110,000	73,396	110,000	110,000	
Grand River Water Management Plan	33,840	20,000	71,828	70,000	70,000	
Dundas Valley Groundwater	0	0	0	0	0	
Upper Blair Drainage	107,653	100,000	63,100	100,000	100,000	
Large Cover Placement Project	0	0	0	0	0	
Natural Heritage Study-Wellington	28,313	30,000	19,263	30,000	30,000	
Species at Risk -SARA	0	0	0	0	0	
Waste Water Optimization Program	109,765	135,000	108,401	135,000	135,000	
Total SPECIAL PROJECT Expenditures	279,571	285,000	263,714	335,000	335,000	
Grand River Watershed Management Plan	0	0	0	0	0	
Planning Enforcement	0	0	0	0	0	
Total FUNDING to RESERVES	0	0	0	0	0	
TOTAL EXPENDITURES AND FUNDING TO RESERVES	2,346,881	2,616,800	2,150,291	2,645,300	2,625,300	-20,000
Funding						
Municipal						
General Municipal Levy (Operating)	2,030,600	2,071,100	2,071,100	2,071,100	2,071,100	
General Municipal Levy (Capital)	60,000.00	60,000	60,000	60,000	60,000	
Special Levies	0	150,000	13,331	150,000	150,000	
Municipal Other	127,748	30,000	0	30,000	30,000	
Government Grants						
MNRF Transfer Payments	33,200	33,200	33,200	33,200	33,200	
Other Provincial	190,870	192,500	339,016	192,500	192,500	
Federal	19,618	0	96,204	50,000	50,000	
Self Generated						
Donations Other	0	3,000	0	3,000	3,000	
Funding From Reserves						
Grand River Watershed Management Plan	0	27,000	0	27,000	27,000	
Gauges	0	50,000	0	50,000	50,000	
TOTAL FUNDING	2,462,036	2,616,800	2,612,851	2,666,800	2,666,800	0
Net Surplus/(Deficit)	115,155	0	462,560	21,500	41,500	20,000

GRAND RIVER CONSERVATION AUTHORITY
Schedule 2 - Flood Forecasting and Warning
FOR THE PERIOD ENDING November 30, 2018

	Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
How much does it cost, and who pays for it?						
<u>Expenditures and Funding to Reserves</u>						
Compensation and Benefits	373,875	463,200	383,605	463,200	463,200	
Administration Expenses	255,233	260,800	241,413	260,800	260,800	
Other Operating Expenses	71,797	76,400	51,065	76,400	76,400	
Total OPERATING Expenditures	700,905	800,400	676,083	800,400	800,400	
Hardware	75,164	88,000	127,316	88,000	88,000	
Stream Gauges	129,008	102,000	26,124	102,000	102,000	
Total CAPITAL Expenditures	204,172	190,000	153,440	190,000	190,000	
Floodplain Mapping Projects	132,927	850,000	107,422	910,000	910,000	
Total SPECIAL PROJECT Expenditures	132,927	850,000	107,422	910,000	910,000	
Total FUNDING to RESERVES	65,000	0	-	0	0	
TOTAL EXPENDITURES AND FUNDING TO RESERVES	1,103,004	1,840,400	936,945	1,900,400	1,900,400	0
<u>Funding</u>						
Municipal						
General Municipal Levy (Operating)	527,345	547,445	547,445	547,445	547,445	
General Municipal Levy (Capital)	190,000	190,000	190,000	190,000	190,000	
Municipal Other						
Government Grants						
MNRF Transfer Payments	252,955	252,955	252,955	252,955	252,955	
Other Provincial	134,187	510,000	391,781	510,000	510,000	
Federal	0	0	0	60,000	60,000	
Funding From Reserves						
Floodplain Mapping Projects	0	340,000	0	340,000	340,000	
TOTAL REVENUE	1,104,487	1,840,400	1,382,181	1,900,400	1,900,400	0
Net Surplus/(Deficit)	1,483	0	445,236	0	0	0

GRAND RIVER CONSERVATION AUTHORITY
 Schedule 3 - Water Control Structures
 FOR THE PERIOD ENDING November 30, 2018

	Actual YTD	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
How much does it cost, and who pays for it?						
<u>Expenditures and Funding to Reserves</u>						
Compensation and Benefits	1,103,590	1,170,100	1,015,868	1,170,100	1,170,100	
Administration Expenses	14,271	28,600	13,225	28,600	28,600	
Property Taxes	163,892	189,000	162,927	189,000	189,000	
Other Operating Expenses	268,628	338,000	330,672	338,000	338,000	
Total OPERATING Expenditures	1,550,381	1,725,700	1,522,692	1,725,700	1,725,700	
Total CAPITAL Expenditures	1,112,074	1,500,000	590,921	1,900,000	1,900,000	
Total FUNDING to RESERVES	302,000	0	-	0	0	
TOTAL EXPENDITURES AND FUNDING TO RESERVES	2,964,455	3,225,700	2,113,613	3,625,700	3,625,700	0
<u>Funding</u>						
Municipal						
General Municipal Levy (Operating)	1,278,550	1,325,350	1,325,350	1,325,350	1,325,350	
General Municipal Levy (Capital)	800,000	800,000	800,000	800,000	800,000	
Government Grants						
MNRF Transfer Payments	400,350	400,350	400,350	400,350	400,350	
Provincial	486,489	700,000	201,844	900,000	900,000	
Self Generated						
Miscellaneous	0	0	0	0	0	
Funding From Reserves						
Water Control Structures	0	0	0	200,000	200,000	
TOTAL REVENUE AND FUNDING FROM RESERVES	2,965,389	3,225,700	2,727,544	3,625,700	3,625,700	0
Net Surplus/(Deficit)	934	0	613,931	0	0	0

GRAND RIVER CONSERVATION AUTHORITY
 Schedule 4 - Resource Planning
 FOR THE PERIOD ENDING November 30, 2018

	Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
How much does it cost, and who pays for it?						
Expenditures and Funding to Reserves						
Compensation and Benefits	1,594,807	1,706,200	1,413,324	1,706,200	1,656,200	(50,000)
Administration Expenses	193,435	218,100	201,737	218,100	218,100	
Other Operating Expenses	84,075	53,600	92,731	93,600	93,600	
Total OPERATING Expenditures	1,872,317	1,977,900	1,707,792	2,017,900	1,967,900	(50,000)
TOTAL EXPENDITURES AND FUNDING TO RESERVES	1,872,317	1,977,900	1,707,792	2,017,900	1,967,900	-50,000
Funding						
Municipal						
General Municipal Levy (Operating)	981,832	961,932	961,932	961,932	961,932	
Government Grants						
MNRF Transfer Payments	114,568	114,568	114,568	114,568	114,568	
Other Provincial	6,831	0	3,134	0	0	
Self Generated						
Solicitor Enquiry Fees	60,010	52,000	55,120	52,000	52,000	
Permit Fees	455,719	439,400	392,955	439,400	439,400	
Plan Review Fees	457,368	410,000	437,333	410,000	410,000	
Consulting	0	0	3,726	0	0	
Funding from Reserves						
Planning Enforcement				40,000	40,000	
TOTAL REVENUE	2,076,328	1,977,900	1,968,768	2,017,900	2,017,900	0
Net Surplus/(Deficit)	204,011	0	260,976	0	50,000	50,000

GRAND RIVER CONSERVATION AUTHORITY
Schedule 5 - Forestry & Conservation Lands Property Taxes
FOR THE PERIOD ENDING November 30, 2018

	Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
How much does it cost, and who pays for it?						
<u>Expenditures and Funding to Reserves</u>						
Compensation and Benefits	587,194	539,900	541,541	539,900	539,900	
Administration Expenses	56,118	43,400	59,654	43,400	43,400	
Property Taxes	168,606	177,800	49,883	177,800	177,800	
Other Operating Expenses	528,035	615,400	606,647	655,400	655,400	
Total OPERATING Expenditures	1,339,953	1,376,500	1,257,725	1,416,500	1,416,500	
Ecological Restoration	185,284	270,000	164,505	270,000	270,000	
Total SPECIAL PROJECT Expenditures	185,284	270,000	164,505	270,000	270,000	
TOTAL EXPENDITURES AND FUNDING TO RESERVES	1,525,237	1,646,500	1,422,230	1,686,500	1,686,500	0
<u>Funding</u>						
Municipal						
General Municipal Levy (Operating)	632,700	669,500	669,500	669,500	669,500	
Municipal Other	0	0	424,200	0	0	
Government Grants						
Provincial	11,279	0	22,731	0	0	
Federal	72,427	0	1,135	0	0	
Self Generated						
Nursery	423,470	450,000	442,081	450,000	450,000	
Landowner Contributions (Tree Planting)	200,118	200,000	199,269	200,000	200,000	
Donations - Foundation	48,216	57,000	43,612	57,000	57,000	
Donations - Other	58,451	270,000	277,273	270,000	270,000	
Funding From Reserves						
Conservation Area Reserve (EAB)	16,205	0	0	0	0	
TOTAL REVENUE	1,462,866	1,646,500	2,079,801	1,646,500	1,646,500	0
Net Surplus/(Deficit)	-62,371	0	657,571	-40,000	(40,000)	

GRAND RIVER CONSERVATION AUTHORITY
Schedule 6 - Conservation Services
FOR THE PERIOD ENDING November 30, 2018

How much does it cost, and who pays for it?

Expenditures and Funding to Reserves

	Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
Compensation and Benefits	651,189	693,100	622,533	693,100	693,100	
Administration Expenses	94,505	110,000	97,516	110,000	110,000	
Other Operating Expenses	18,756	57,900	11,533	57,900	57,900	
Total OPERATING Expenditures	764,450	861,000	731,582	861,000	861,000	
RWQP Grants	1,011,358	800,000	746,043	800,000	800,000	
Brant/Brantford Childrens Water Festival	25,544	26,000	21,171	26,000	26,000	
Haldimand Childrens Water Festival	42,303	40,000	27,980	40,000	40,000	
Species at Risk	78,678	70,000	32,206	70,000	70,000	
AGGP-UofG Research-Buffers	20,812	0	23,761	25,000	25,000	
Great Lakes SHSM Event	6,076	0	3,004	0	0	
Great Lakes Agricultural Stewardship Initiative	96,765	0	4,515	0	0	
Total SPECIAL PROJECT Expenditures	1,281,536	936,000	858,680	961,000	961,000	
TOTAL EXPENDITURES AND FUNDING TO RESERVES	2,045,986	1,797,000	1,590,262	1,822,000	1,822,000	0

Funding

Municipal

General Municipal Levy (Operating)	689,500	713,000	713,000	713,000	713,000	
Municipal Other	1,005,188	800,000	1,677,114	800,000	800,000	

Government Grants

Other Provincial	100,992	30,000	48,724	30,000	30,000	
Federal	100,148	70,000	233,990	95,000	95,000	

Self Generated

Donations - Foundation	147,970	127,000	102,312	127,000	127,000	
Donations - Other	14,151	26,000	38,490	26,000	26,000	
Miscellaneous	12,357	0	2,457	0	0	

Funding From Reserves

Cambridge Desiltation Pond	742	1,000	0	1,000	1,000	
Upper Grand Restoration	0	30,000	0	30,000	30,000	

TOTAL REVENUE	2,071,048	1,797,000	2,816,087	1,822,000	1,822,000	0
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Net Surplus/(Deficit)	25,062	0	1,225,825	0	0	0
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GRAND RIVER CONSERVATION AUTHORITY
Schedule 8 - Environmental Education
FOR THE PERIOD ENDING November 30, 2018

How much does it cost, and who pays for it?

Expenditures and Funding to Reserves

	Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
Compensation and Benefits	930,588	942,400	925,288	972,400	997,400	25,000
Administration Expenses	92,419	74,300	87,024	74,300	74,300	
Insurance Expense	10,447	10,000	10,637	10,500	10,500	
Property Taxes	11,440	19,400	12,135	19,400	19,400	
Other Operating Expenses	281,215	270,300	249,195	270,300	295,300	25,000
Total OPERATING Expenditures	1,326,109	1,316,400	1,284,279	1,346,900	1,396,900	50,000
Major Repairs & Maintenance Projects	0	0	0	0	0	
Total CAPITAL Expenditures	0	0	0	0	0	
Apps' Mill Nature Centre Renovations	260,266	0	0	0	0	
Total SPECIAL PROJECT Expenditures	260,266	0	0	0	0	
Guelph Nature Centre	70,000	30,000	0	30,000	30,000	
Total FUNDING to RESERVES	70,000	30,000	0	30,000	30,000	

TOTAL EXPENDITURES AND FUNDING TO RESERVES	1,656,375	1,346,400	1,284,279	1,376,900	1,426,900	50,000
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Funding

Municipal

General Municipal Levy (Operating)	319,300	354,400	354,400	354,400	354,400	
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Government Grants

Provincial	3,075	0	58,505	0	50,000	50,000
Federal	48,957	0	0	0	0	

Self Generated

Donations - Foundation	243,580	50,000	37,988	50,000	50,000	
Donations - Other	0	0	0	0	0	
Nature Centre Revenue - Schools	565,127	578,000	466,352	578,000	578,000	
Nature Centre Revenue - Community	45,051	33,000	37,348	33,000	33,000	
Nature Centre Revenue - Day Camp	317,947	331,000	359,771	361,000	361,000	
Merchandise Revenue	473	0	955	0	0	

Funding from Reserves

Laurel Creek & Taquanyah Nature Centre	9,300	0	0	0	0	
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TOTAL REVENUE	1,552,810	1,346,400	1,315,319	1,376,400	1,426,400	50,000
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Net Surplus/(Deficit)	(103,565)	0	31,040	(500)	(500)	0
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GRAND RIVER CONSERVATION AUTHORITY
Schedule 9 - Corporate Services
FOR THE PERIOD ENDING November 30, 2018

	Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
How much does it cost, and who pays for it?						
Expenditures and Funding to Reserves						
Compensation and Benefits	1,848,424	1,990,000	1,672,380	1,940,000	1,910,000	(30,000)
Administration Expenses	297,506	337,300	308,732	337,300	327,300	(10,000)
Insurance	56,897	55,000	53,378	53,500	53,500	-
Other Operating Expenses	779,367	1,087,687	622,149	887,687	857,687	(30,000)
LESS: Recovery of Corporate Services Expenses	(64,862)	(70,000)	(46,957)	(70,000)	(70,000)	
Total OPERATING Expenditures	2,917,332	3,399,987	2,609,682	3,148,487	3,078,487	(70,000)
Building	155,000	0	304	150,000	150,000	
Personnel	15,000	0	0	0	0	
Total FUNDING to RESERVES	170,000	0	304	150,000	150,000	
TOTAL EXPENDITURES AND FUNDING TO RESERVES	3,087,332	3,399,987	2,609,986	3,298,487	3,228,487	(70,000)
Funding						
Municipal						
General Municipal Levy (Operating)	2,888,273	2,944,373	2,944,373	2,944,373	2,944,373	
Government Grants						
MNRF Transfer Payments	70,000	70,000	70,000	70,000	70,000	
Provincial						
Self Generated						
Donations - Foundation	0	0	0	0	0	
Donations - Other		0	0	0	0	
Miscellaneous	25,000	0	9,049	10,000	10,000	
Funding From Reserves						
Personnel	0	15,000	0	15,000	15,000	
TOTAL REVENUE	2,983,273	3,029,373	3,023,422	3,039,373	3,039,373	0
Net Surplus/(Deficit)	(104,059)	(370,614)	413,436	(259,114)	(189,114)	70,000

GRAND RIVER CONSERVATION AUTHORITY
Schedule 10 - Conservation Lands
FOR THE PERIOD ENDING November 30, 2018

	Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
How much does it cost, and who pays for it?						
Expenditures and Funding to Reserves						
Compensation and Benefits	1,014,057	1,042,500	998,118	1,042,500	1,042,500	
Administration Expenses	92,798	156,500	124,200	156,500	156,500	
Insurance	148,276	143,000	136,906	137,500	137,500	
Other Operating Expenses	503,226	605,000	467,700	595,000	595,000	
Total OPERATING Expenditures	1,758,357	1,947,000	1,726,924	1,931,500	1,931,500	
Land Purchases/Land Sale Expenses	139,401	0	138,024	95,000	135,000	40,000
Emerald Ash Borer	314,172	400,000	190,963	400,000	400,000	
Trees for Guelph	0	0	0	0	0	
Trails - Capital Maintenance	238,957	20,000	15,679	20,000	20,000	
Total SPECIAL PROJECT Expenditures	692,530	420,000	344,666	515,000	555,000	40,000
Forestry	117,424	0	0	0	0	
Land Sale Proceeds	0	0	0	1,168,000	1,168,000	
Total FUNDING to RESERVES	117,424	0	0	1,168,000	1,168,000	
TOTAL EXPENDITURES AND FUNDING TO RESERVES	2,568,311	2,367,000	2,071,590	3,614,500	3,654,500	40,000
Funding						
Municipal						
Municipal Other	0	0	0	0	0	
Government Grants						
Federal	89,300	0	4,303	0	0	
Self Generated						
Luther Misc Income	31,564	46,000	34,329	46,000	46,000	
Other Areas Income	22,046	25,000	22,095	25,000	25,000	
Timber Sales	37,424	15,000	17,250	25,000	25,000	
Land Sale Proceeds	0	0	1,166,343	1,168,000	1,168,000	
Donations - Foundation	183,325	50,000	75,817	50,000	50,000	
Donations - Other	0	15,000	34,000	15,000	15,000	
Miscellaneous Other	2,854	0	0	0	0	
Funding From Reserves						
Land	139,401	400,000	0	495,000	535,000	40,000
Conservation Area Reserve (Dickson Trail funding)	56,157	20,000	0	20,000	20,000	
Forestry (EAB)/Ice Storm/Legal	314,172	0	0	0	0	
Gravel	0	1,000	0	1,000	1,000	
TOTAL REVENUE	876,243	572,000	1,354,137	1,845,000	1,885,000	40,000
Net Surplus/(Deficit)	(1,692,068)	(1,795,000)	(717,453)	(1,769,500)	(1,769,500)	0

GRAND RIVER CONSERVATION AUTHORITY
Schedule 11 - Property Rentals
FOR THE PERIOD ENDING November 30, 2018

How much does it cost, and who pays for it?

Expenditures and Funding to Reserves

	Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
Compensation and Benefits	571,683	574,000	494,572	559,000	559,000	
Administration Expenses	63,033	73,000	62,046	73,000	73,000	
Insurance Expense	14,787	15,500	15,106	15,500	15,500	
Property Taxes	106,621	98,000	107,623	98,000	98,000	
Other Operating Expenses	1,422,317	834,900	838,310	944,900	1,009,900	65,000
Total OPERATING Expenditures	2,178,441	1,595,400	1,517,657	1,690,400	1,755,400	65,000
Property Development	-	50,000	-	50,000	50,000	
Total SPECIAL PROJECT Expenditures	0	50,000	0	50,000	50,000	
Cottage Lot Program-Belwood	41,000	0	-	0	0	
Cottage Lot Program-Conestogo	70,000	0	-	0	0	
Demolitions/R&M Savings	122,000	0	-	0	0	
Total FUNDING to RESERVES	233,000	0	0	0	0	
TOTAL EXPENDITURES AND FUNDING TO RESERVES	2,411,441	1,645,400	1,517,657	1,740,400	1,805,400	65,000
Funding						
Self Generated						
Belwood	951,224	957,000	966,945	957,000	965,000	8,000
Conestogo	1,138,839	1,151,000	1,160,545	1,151,000	1,158,000	7,000
Agricultural	233,309	230,000	245,279	230,000	245,000	15,000
Residential	313,140	250,000	198,795	220,000	220,000	
Miscellaneous	301,407	312,700	230,443	312,700	297,700	(15,000)
Funding FROM Reserves						
Property Development	0	50,000	0	50,000	50,000	
Cottage Lot Program (Ice Storm)/Contaminated Site	488,115	0	0	140,000	190,000	50,000
Wells/Septic/Demolitions	280,300	100,000	0	100,000	100,000	
TOTAL REVENUE	3,706,334	3,050,700	2,802,007	3,160,700	3,225,700	65,000
Net Surplus/(Deficit)	1,294,893	1,405,300	1,284,350	1,420,300	1,420,300	0

GRAND RIVER CONSERVATION AUTHORITY
Schedule 12 - Hydro Production
FOR THE PERIOD ENDING November 30, 2018

	Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
How much does it cost, and who pays for it?						
Expenditures and Funding to Reserves						
Compensation and Benefits	56,537	42,000	54,044	42,000	42,000	
Administration Expenses	538	0	538	0	0	
Other Operating Expenses	120,003	88,000	53,575	108,000	108,000	
Total OPERATING Expenditures	177,078	130,000	108,157	150,000	150,000	
Parkhill Hydro Turbine Project	112,472	300,000	70,921	0	0	
Total SPECIAL PROJECT Expenditures	112,472	300,000	70,921	0	0	
Land Sale Proceeds	125,000	70,000	0	50,000	100,000	50,000
Total FUNDING to RESERVES	125,000	70,000	0	50,000	100,000	50,000
TOTAL EXPENDITURES AND FUNDING TO RESERVES	414,550	500,000	179,078	200,000	250,000	50,000
Revenue						
Self Generated						
Hydro Production-Belwood	337,542	240,000	286,833	240,000	290,000	50,000
Hydro Production-Conestogo	234,612	230,000	185,279	230,000	230,000	
Funding from Reserves						
Land Sale Proceeds	112,472	300,000	0	0	0	
TOTAL REVENUE	684,626	770,000	472,112	470,000	520,000	50,000
Net Surplus/(Deficit)	270,076	270,000	293,034	270,000	270,000	0

GRAND RIVER CONSERVATION AUTHORITY
Schedule 13 - Conservation Areas
FOR THE PERIOD ENDING November 30, 2018

How much does it cost, and who pays for it?

Expenditures and Funding to Reserves

	Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
Compensation and Benefits	3,833,510	4,177,000	4,114,404	4,277,000	4,277,000	
Administration Expenses	173,930	173,000	156,286	203,000	203,000	
Property Tax	57,784	60,000	56,334	60,000	60,000	
Other Operating Expenses	2,837,821	2,700,000	2,949,220	3,020,000	3,120,000	100,000
Total OPERATING Expenditures	6,903,045	7,110,000	7,276,244	7,560,000	7,660,000	100,000
Total CAPITAL Expenditures	859,691	1,820,000	1,426,715	1,820,000	1,820,000	
Pools & Water Treatment Equipment, Stabilization	842,000	300,000	0	800,000	900,000	100,000
Total FUNDING to RESERVES	842,000	300,000	0	800,000	900,000	100,000
TOTAL EXPENDITURES AND FUNDING TO RESERVES	8,604,736	9,230,000	8,702,959	10,180,000	10,380,000	200,000

Funding

Government Grants

Federal	83,250	0	1,600	0	0	
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Self Generated

Brant	1,101,738	1,000,000	1,144,018	1,120,000	1,145,000	25,000
Byng Island	1,041,858	1,000,000	1,076,929	1,055,000	1,080,000	25,000
Belwood Lake	342,862	330,000	365,368	345,000	360,000	15,000
Conestogo Lake	490,070	480,000	544,909	530,000	545,000	15,000
Elora Gorge	1,633,807	1,700,000	1,621,382	1,650,000	1,630,000	(20,000)
Elora Quarry	251,010	220,000	412,083	415,000	415,000	0
Guelph Lake	976,925	940,000	1,089,105	1,070,000	1,080,000	10,000
Laurel Creek	471,676	410,000	490,098	470,000	490,000	20,000
Pinehurst Lake	843,688	770,000	884,474	870,000	890,000	20,000
Rockwood	1,103,129	950,000	1,205,516	1,145,000	1,215,000	70,000
Shade's Mills	224,073	200,000	287,510	280,000	300,000	20,000
Total Fee Revenue	8,480,836	8,000,000	9,121,392	8,950,000	9,150,000	200,000

Donations-Foundation	41,335	80,000	34,599	80,000	80,000	
Donations - Other						

Funding From Reserves

Conservation Areas	0	1,150,000	0	1,150,000	1,150,000	
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TOTAL REVENUE	8,605,421	9,230,000	9,157,591	10,180,000	10,380,000	200,000
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Net Surplus/(Deficit)	685	0	454,632	0	0	0
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GRAND RIVER CONSERVATION AUTHORITY
Schedule 14 - Miscellaneous
FOR THE PERIOD ENDING November 30, 2018

How much does it cost, and who pays for it?

Expenditures and Funding to Reserves

	Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
Other Miscellaneous	109,038	70,000	52,362	70,000	70,000	
Total OPERATING Expenditures	109,038	70,000	52,362	70,000	70,000	
Total CAPITAL Expenditures						
Mill Creek Rangers	28,890	35,000	28,236	35,000	35,000	
Total SPECIAL PROJECT Expenditures	28,890	35,000	28,236	35,000	35,000	
Interest Income	330,340	350,000	0	350,000	350,000	
PST Refund/Insurance Proceeds	0	0	0	0	0	
Total FUNDING to RESERVES	330,340	350,000	0	350,000	350,000	
TOTAL EXPENDITURES AND FUNDING TO RESERVES	468,268	455,000	80,598	455,000	455,000	0

Funding

Government Grants

Provincial	0	0	13,106	0	0	
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Self Generated

Interest Income-Operating	0	100,000	0	100,000	100,000	
Interest Income-Reserves	442,984	350,000	356,080	350,000	350,000	
Commodity Tax Refunds	0	0	0	0	0	
Miscellaneous	56,270	48,000	155	48,000	48,000	
Grand River Conservation Foundation	33,954	35,000	28,236	35,000	35,000	

TOTAL REVENUE	533,208	533,000	397,577	533,000	533,000	0
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Net Surplus/(Deficit)	64,940	78,000	316,979	78,000	78,000	0
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GRAND RIVER CONSERVATION AUTHORITY
 Schedule 15 - Source Protection Program
 FOR THE PERIOD ENDING November 30, 2018

	Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
How much does it cost, and who pays for it?						
Expenditures						
Compensation and Benefits	484,096	570,000	471,630	570,000	570,000	
Administration Expenses	50,210	65,000	57,861	65,000	65,000	
Other Operating Expenses	160,163	120,000	93,757	120,000	120,000	
Water Budget - Technical Studies	719,805	680,000	466,861	540,000	540,000	
Water Quality - Technical Studies	156,134	140,000	114,948	140,000	140,000	
TOTAL EXPENDITURES	1,570,408	1,575,000	1,205,057	1,435,000	1,435,000	0
Funding						
Government Grants						
Provincial	1,570,408	1,575,000	1,205,057	1,435,000	1,435,000	
TOTAL FUNDING	1,570,408	1,575,000	1,205,057	1,435,000	1,435,000	0
Net Surplus/(Deficit)	0	0	0	0	0	0

GRAND RIVER CONSERVATION AUTHORITY
Schedule 16 - Information Systems and Motor Pool
FOR THE PERIOD ENDING November 30, 2018

	Actual 2017	Budget 2018	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
How much does it cost, and who pays for it?						
Expenditures						
Information Systems						
Compensation and Benefits	876,256	910,000	827,402	910,000	910,000	
Administrative Expenses	30,035	25,000	28,838	25,000	25,000	
Software and Hardware Maintenance	142,362	150,000	144,525	150,000	150,000	
Supplies and Services	51,542	51,000	43,127	51,000	51,000	
Total OPERATING Expenditures	1,100,195	1,136,000	1,043,892	1,136,000	1,136,000	
Capital Expenses	227,780	200,000	225,929	250,000	250,000	
LESS Internal Charges	(1,238,965)	(1,270,000)	(1,270,961)	(1,300,000)	(1,300,000)	
NET Unallocated Expenses	89,010	66,000	(1,140)	86,000	86,000	
Motor Pool						
Compensation and Benefits	266,463	292,000	244,579	292,000	292,000	
Administrative Expenses	17,919	25,500	18,325	25,500	25,500	
Insurance	37,114	38,800	40,159	38,800	38,800	
Motor Pool Building and Grounds Maintenance	23,161	10,000	7,127	10,000	10,000	
Equipment, Repairs and Supplies	243,956	277,700	273,420	277,700	277,700	
Fuel	200,770	254,000	213,702	254,000	254,000	
Total OPERATING Expenditures	789,383	898,000	797,312	898,000	898,000	
Capital Expenses	170,756	500,000	348,246	500,000	500,000	
LESS Internal Charges	(1,111,996)	(1,174,000)	(1,123,475)	(1,174,000)	(1,174,000)	
NET Unallocated Expenses	(151,857)	224,000	22,083	224,000	224,000	
TOTAL EXPENDITURES	(62,847)	290,000	20,943	310,000	310,000	0
Funding						
Government Grants						
Federal	20,000	0	0	0	0	
Self Generated						
Miscellaneous	1,910	0	6,189	0	0	
TOTAL REVENUE	21,910	0	6,189	0	0	
Gross Surplus (Deficit)	84,757	(290,000)	(14,754)	(310,000)	(310,000)	
Funding From Reserves	2,266,204	2,734,000	0	2,784,000	2,784,000	0
Funding to Reserves	(2,350,961)	(2,444,000)	0	(2,474,000)	(2,474,000)	0
Net Surplus/(Deficit)	0	0	-14,754	0	0	0

Grand River Conservation Authority – Report

Report number: GM-12-18-120
Date: December 14, 2018
To: Members of the Grand River Conservation Authority
Subject: Environmental Assessments

Recommendation:

THAT Report Number GM-12-18-120 Environmental Assessments be received as information.

Summary:

To provide the General Membership of the Grand River Conservation Authority with information on Environmental Assessments being reviewed, a summary report is presented below. The report has been prepared as directed through Motion No. P44-99 (May 18/99) adopted through General Membership Res. No. 55-99 (May 28, 1999).

Report:

Report on Environmental Assessments for December 14, 2018

A. New Environmental Assessments Received

New: Environmental Assessments received by the Grand River Conservation Authority and currently under review.

1. First Notice – Paris Water, Wastewater and Stormwater Master Servicing Plan, County of Brant

The County of Brant has initiated a Master Plan approach for the Town of Paris for a Water, Wastewater and Stormwater Master Servicing Plan.

There are multiple GRCA resource features in and around the Town of Paris, many of the proposed upgrades will be within existing infrastructure areas, with potential for additional new services in proposed growth areas.

GRCA staff has responded to the Notice of Commencement indicating an interest in the Class EA.

2. First Notice – Southeast Woodstock Settlement Expansion Justification, Secondary Plan and Servicing Strategy, including Transportation, Water, Wastewater and Stormwater Management Master Plans, City of Woodstock

The City of Woodstock has initiated a Master Plan Approach for the City of Woodstock for a Settlement Expansion and Secondary Plan.

There are no GRCA resource features on site but wetland is identified adjacent to the study limit.

GRCA staff has responded to the Notice of Commencement indicating an interest in the Class EA study as it relates to Stormwater Management.

B. Classification of Reviewed Environmental Assessments

Minor: Minimal potential resource impacts that can be mitigated using conventional construction methods.

Major: Significant impacts on identified resource features. Alternatives and proposed mitigation will be outlined in detail.

Minor Impacts –

1. Final Notice – Erb Street Tower Relocation Project, City of Waterloo

Hydro One has initiated a Class Environmental Assessment to remove and relocate three hydro towers on an existing line along Erb Street West in the City of Waterloo. The works are required to accommodate a road widening and corridor improvements.

The relocated towers will be outside areas of interest to the GRCA.

2. Final Notice –Silver Lake and Laurel Creek Rehabilitation in Waterloo Park, City of Waterloo, Municipal Class Environmental Assessment

The City of Waterloo has completed a study to identify and evaluate alternatives to rehabilitate Silver Lake and Laurel Creek in Waterloo Park. Following the Municipal Class Environmental Assessment process, the study identified the preferred solution to dredge and reconfigure Silver Lake.

This alternative would see the sediments in the lake dredged (and properly managed) with additional measures taken to improve circulation and water quality within the lake.

Measures may include:

- Reconfiguring the footprint/shoreline of the lake; and/or,
- Changing the depth of the lake; and/or,
- Implementing sediment management and water quality improvement components such as a forebay up or downstream of the Light Rail Trail.

Additional measures include spot repairs along Laurel Creek in the west study area, such as debris removal, pedestrian bridge improvements, weir removal, gabion replacement, or bank stabilization, all using natural channel design principles. A GRCA permit will be required for implementation of these works.

3. Final Notice – Drumbo Wastewater Treatment Plant Capacity Expansion, Oxford County, Municipal Class Environmental Assessment (Class EA Study)

Oxford County has completed a study to consider alternatives for the upgrade and capacity expansion of the Drumbo Wastewater Treatment Plant (WWTP). The study was undertaken as a Schedule C project in accordance with the Municipal Class EA process.

The purpose of the study was to determine the most cost-effective, environmentally sound and socially sustainable approach to upgrade and expand the Drumbo WWTP in order to service growth for the next 20 years. An Environmental Study Report has been completed and was accepted by Oxford County Council on June 13, 2018.

Five servicing alternatives were considered for the Drumbo WWTP. The recommended servicing plan for Drumbo is to upgrade the existing WWTP to be retrofitted and upgraded to a membrane bioreactor (MBR) facility with an increase WWTP capacity of 450 m³/d on the existing site.

The Drumbo WWTP is located outside areas of interest to the GRCA.

Major Impacts – None for this report

Financial implications: Not Applicable

Other department considerations: Not Applicable

Prepared by:

Beth Brown
Supervisor of Resource Planning

Approved by:

Nancy Davy
Director of Resource Management

Grand River Conservation Authority

Report number: GM-12-18-122

Date: December 14, 2018

To: Members of the Grand River Conservation Authority

Subject: Living Snow Fences

Recommendation:

THAT Report Number GM-12-18-122 – Living Snow Fences be received as information.

Summary:

NA

Report:

Conservation Services staff deliver GRCA's private land tree planting program. Forestry Specialists develop planting plans, assist with access to funding programs and facilitate planting through contracted tree planters. In the 60 year history of the program more than 15 million trees have been planted. The native trees are sourced from GRCA's nursery in Burford and supplemented from other sources.

Each year GRCA Forestry Specialists create planting plans for approximately 120 rural landowners. On average 150,000 native trees and shrubs are planted on private land annually. Traditional projects include the establishment of riparian buffers, field windbreaks and the planting of marginal land retired from agricultural production. More recently living snow fence projects are being established, with more than 32 km planted since 2010.

A living snow fence is a row of trees strategically planted along the windward side of a road designed to trap blowing snow. By holding the snow in fields, living snow fences can improve winter driving safety and reduce snow removal costs, salt use and road closures. Once established, living snow fences can perform for up to 80 years making them a cost effective alternative to installing traditional snow fence.

A properly designed living snow fence is planted 30 to 60 meters back from the road, trapping blowing snow between the trees and the road. This large setback places living snow fences primarily on private property. To encourage landowners to establish living snow fences, financial incentives are offered in Dufferin, Wellington, Brant and Haldimand counties for priority sites identified by municipal Roads Departments. In these areas trees and planting costs are fully funded and in some municipalities additional compensation is offered for land taken out of production. GRCA delivers this funding on behalf of participating municipalities. Elsewhere in the watershed living snow fence projects may receive windbreak cost share funding offered through existing programs such as the Rural Water Quality Program.

Since 2013 GRCA has delivered a living snow fence program on behalf of Dufferin County. In 2018, Conservation Services staff worked with Dufferin County to create a video to promote living snow fences. The video is available through [GRCA's YouTube channel](#).

Financial implications:

None

Other department considerations:

Not applicable

Prepared by:

Louise Heyming
Supervisor of Conservation Outreach

Approved by:

Nancy Davy
Director of Resource Management

Tracey Ryan
Manager, Environmental Education and Restoration

Grand River Conservation Authority

Report number: GM-12-18-125

Date: December 14, 2018

To: Members of the Grand River Conservation Authority

Subject: Guelph Lake Plantation Restoration Project

Recommendation:

THAT Report Number GM-12-18-125 – Guelph Lake Plantation Restoration Project be received as information.

Summary:

N/A

Report:

The Grand River Conservation Authority (GRCA) is undertaking a forest restoration project on its property southwest of Guelph Lake near Victoria Road. The project involves thinning approximately 50 hectares (ha) of conifer plantations followed by selective under planting of seedlings to quickly increase tree and shrub diversity. The long term goal is the conversion of these relatively uniform forests to healthier and more resilient forests with a diversity of tree and shrub species of a variety of ages and sizes.

The GRCA owns approximately 11,500 ha of forest. Over 40% (4940 ha) of this forest consists of forest plantations established through planting programs. A major activity identified in GRCA's Forest Management Plan 2018-2027 is the ongoing restoration of these plantations. This primarily involves periodic thinnings. These begin when plantations are around 30 years old and are repeated every 10 to 15 years until a mixed forest is achieved. Thinning involves the removal of a proportion of the overstory trees. This both provides more room for the remaining overstory trees to grow and more sunlight and space for young trees and shrubs to establish. Conifer thinning provides a sustainable source of local timber products and a modest source of revenue.

Recreational use is quite high on the properties near Guelph Lake where this project will take place. This primarily involves walkers and cyclists including members of the Guelph Off-Road Bicycling Association (GORBA) who have constructed and maintain a set of trails on these lands under an agreement with the GRCA.

Phased closures of the properties will occur while forest thinning operations are active. Operations are planned for the late fall and winter months in part to minimize the disruption of recreational use. Active operations are weather dependent and are expected to require a total of 10 – 14 weeks over the period of December 2018 to March 2019 and November 2019 to March 2020.

A variety of communication methods have been used to inform the public of the objectives of the project and the temporary impacts on recreational use. This included a public meeting which was held in Guelph on November 27th. Approximately 25 – 30 members of the public attended this meeting.

Financial implications:

Material harvested during thinning operations is sold through a Sale of Standing Timber agreement. Revenues are based on actual volumes of material harvested. Based on tree marking estimates anticipated net revenues for the project are \$15,000 to \$20,000.

Other department considerations:

Several GRCA programs are involved in this project including the Operations Division (Standing timber sale, contract management, Guelph Lake Conservation Area staff), Property and Communications.

Prepared by:

Ron Wu-Winter
Watershed Forester

Approved by:

Nancy Davy
Director of Resource Management

Grand River Conservation Authority

Report number: GM-12-18-124

Date: December 14, 2018

To: Members of the Grand River Conservation Authority

Subject: Current Watershed Conditions as of December 5, 2018

Recommendation:

THAT Report Number GM-12-18-124 – Current Watershed Conditions as of December 5, 2018 be received as information.

Report:

Precipitation

Precipitation in November was well above the long term average. The first week of November was especially wet with many of the climate stations reporting over 50mm of rain. Precipitation was highest at the Guelph Lake climate station with a total of 124.7mm, while the Shades Mill climate station was also high with 121.4mm. About a third of the precipitation in November was recorded as snow and the rest was rain or mixed precipitation. To date in December between 10 and 20mm of precipitation has been recorded.

Table 1 includes monthly and recent precipitation trends for select watershed climate stations. Monthly precipitation at the Shand, Shades and Brantford climate stations from 2014 to 2018 is shown in **Figure 1**.

Table 1: Precipitation Averages at Watershed Climate Stations

Station	Monthly Precipitation		Percentage of Long Term Average					
	30-Nov (mm)	Long Term Average (mm)	Current Month	Last 3 Month	Last 6 Months	Last 12 Months	Last 15 Months	Last 18 Months
Shand	98.4	84.9	116%	88%	83%	92%	92%	96%
Conestogo	89.8	95.1	94%	79%	83%	94%	95%	101%
Guelph	124.7	80.4	155%	104%	98%	102%	100%	100%
Luther	98.7	92.5	107%	87%	103%	104%	103%	111%
Woolwich	111.6	69.7	160%	121%	103%	108%	106%	106%
Laurel	146.0	83.5	175%	121%	113%	103%	112%	114%
Shades	121.4	77.7	156%	109%	117%	114%	106%	109%
Brantford	88.3	73.6	120%	95%	108%	107%	102%	100%

Year to date precipitation is very close to the long term average. Many climate stations have exceeded their yearly long term average already and the rest are approaching it. The driest month in 2018 was March with an average of 30mm of precipitation, while April was the wettest month with an average of 120mm. The early part of summer (May, June and July) were dry which resulted in the use of the reservoirs to augment downstream flows through the summer.

Air Temperatures

Temperatures in November were below the long term average across the watershed. The average monthly temperature at the Shand Dam climate station was 2.75 degrees below the long term average. December to date has had above average temperatures, but temperatures are expected to decrease over the course of the month.

The yearly average temperature was slightly above the long term average for most of the watershed. April had an average temperature about 3.5 degrees below the long term average. Cold temperatures in April were followed by a very warm May with average temperatures about 4.0 degrees above the long term average. July and August were the warmest months of the year, while January was the coldest month.

Figure 2 presents recent mean monthly air temperature departures from the long term average recorded at Shand Dam. Long term average temperatures were updated in January 2018 and cover the period of 1986 to 2016.

Lake Erie Conditions

The level of Lake Erie continues to be above the long term average. The average lake elevation in November was 174.63m, which is approximately 0.63m above the long term average. Forecast water levels into early 2019, from the Canadian Hydrographic Service, indicate that lake levels will likely recede over the next few months, but stay well above the long term average.

A high lake level conditions statement was issued on October 12 warning of an increased risk of shoreline flooding and erosion due to the high static lake level. This conditions statement is in effect for the fall of 2018 through to the summer of 2019.

Figure 3 presents current and forecast Lake Erie level from the Canadian Hydrographic Service.

Reservoir Conditions

Wet conditions in October and November resulted in higher inflows to the large reservoirs. Shand, Conestogo and Luther reservoirs are all above normal operating levels and are being brought down over the next couple of weeks. The Guelph reservoir water level has recovered and is at its normal operating level.

The reservoirs were used over 2018 to both reduce peak flood flows and to augment flows during dry periods. During the February flood event the reservoirs were used to reduce peak flows between approximately 20% and 60%. During dry conditions in July, the reservoirs provided up to 80% of the flow through Kitchener and 40% of the flow through Brantford and the City of Guelph.

Reservoir levels are shown in **Figures 4** and **Figure 5** for the four large reservoirs.

Long Range Outlook

Environment Canada's seasonal forecasts are predicting near normal temperatures and above normal precipitation for the December 2018 to February 2019 period.

Operational forecasts from the Ministry of Natural Resources and Forestry are predicting near normal temperatures and precipitation through the winter months. There is a predicted active storm track below Lake Erie which could shift and bring more storms to Southern Ontario.

Flood Preparedness

Conditions are being monitored closely. Staff continues to hold weekly Senior Operator meetings as part of overall succession planning initiatives and flood emergency preparedness.

Staff participated in Water Day, which is a networking exercise with Water Survey Canada, Ministry of Natural Resources and Forestry and Conservation Authority staff. The day focused on collaboration and knowledge sharing within the hydrometric monitoring program in the Southwest portion of the Province of Ontario. The next Water Day will likely be held within the Grand River region in 2019.

GRCA Staff and community emergency management co-ordinators for Wellington County and Woolwich Township will be meeting with Emergency Management Ontario (EMO) on December 12th to discuss use of the Canadian Alert Ready system to warn the public of dam break or flash flood emergencies. This initial meeting will be to discuss what EMO requires to enable the Alert Ready System and how that system may have been used in response to the February 2018 ice jam release flood event.

A desktop exercise to test the Conestogo Dam Emergency Preparedness plan is being organized with multiple municipalities for 2019. EMO's participation in that exercise will be discussed at the December 12th meeting.

Financial implications:

Not applicable

Other department considerations:

Not applicable

Prepared by:

Stephanie Shifflett
Water Resources Engineer

Approved by:

Dwight Boyd
Director of Engineering

Figure 1: Precipitation at Shand Dam, Shades Mill Dam and Brantford 2014 to present

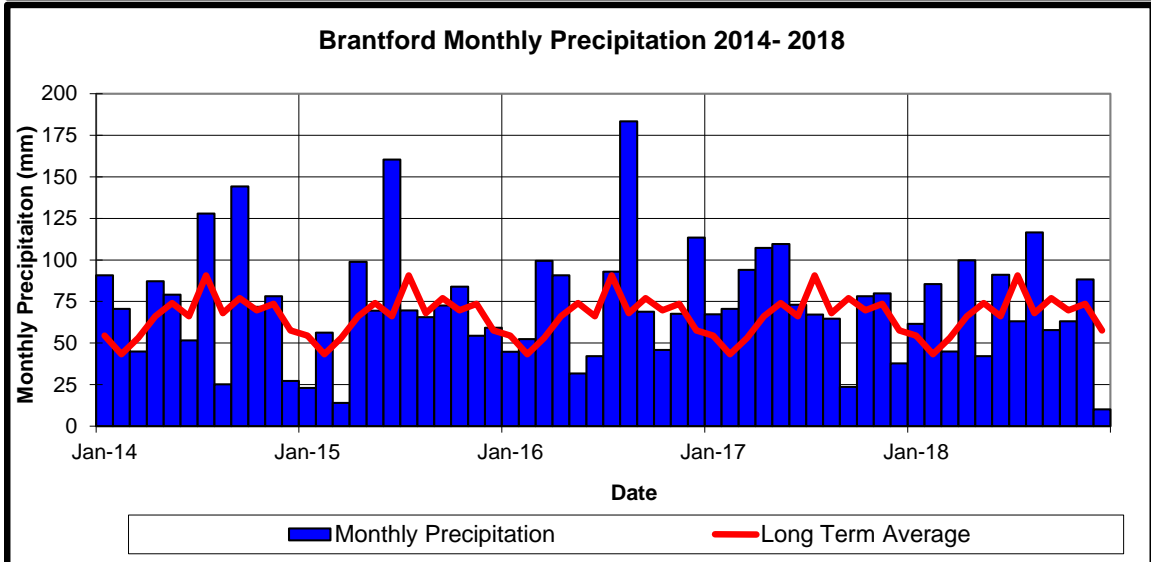
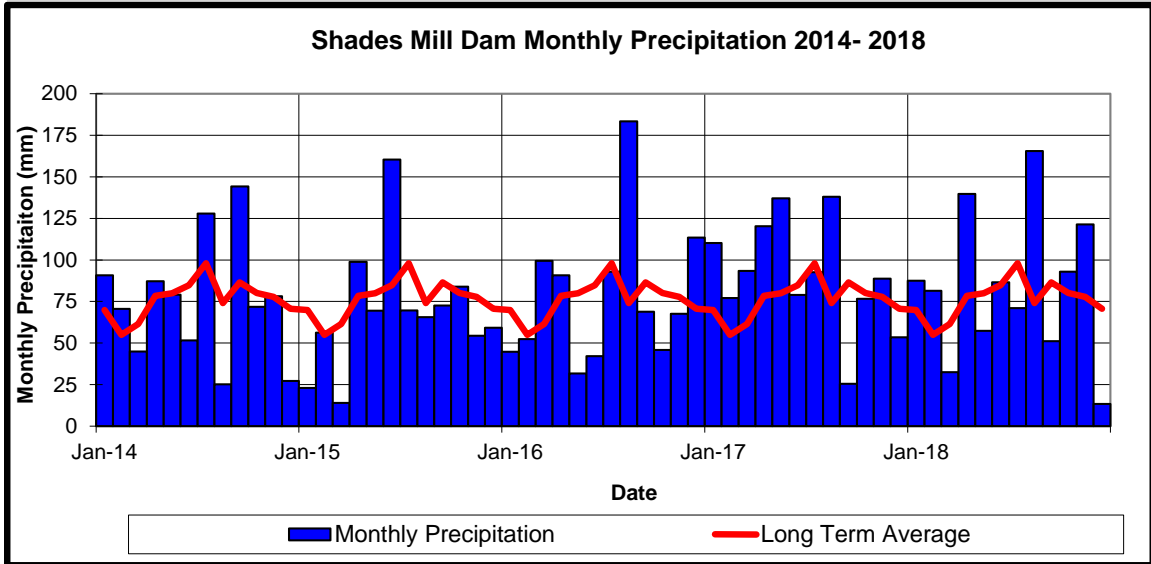
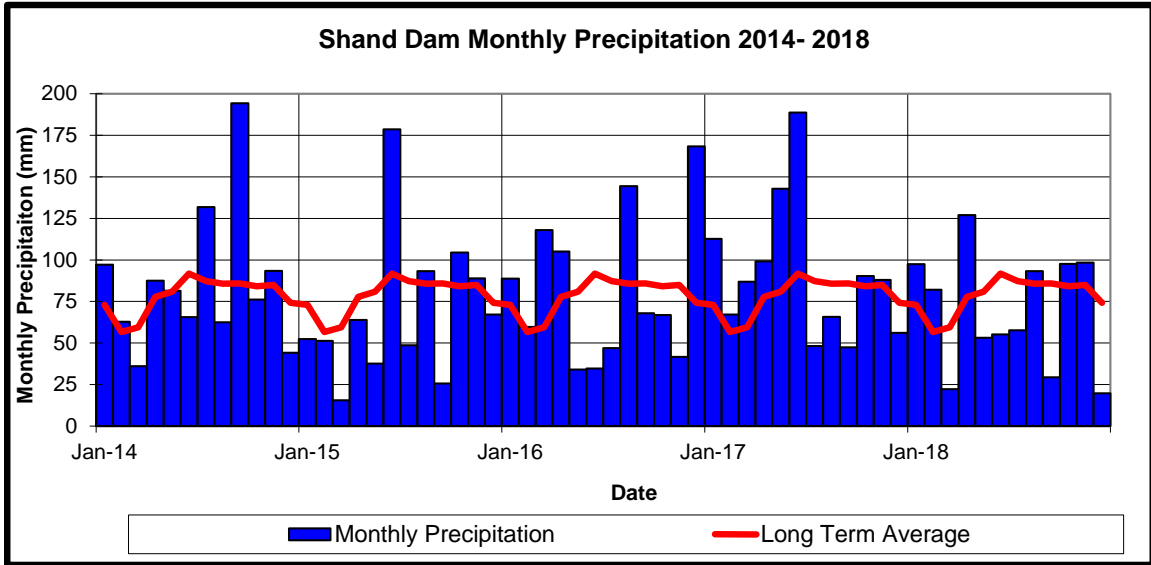


Figure 2: Departures from Average Air Temperatures

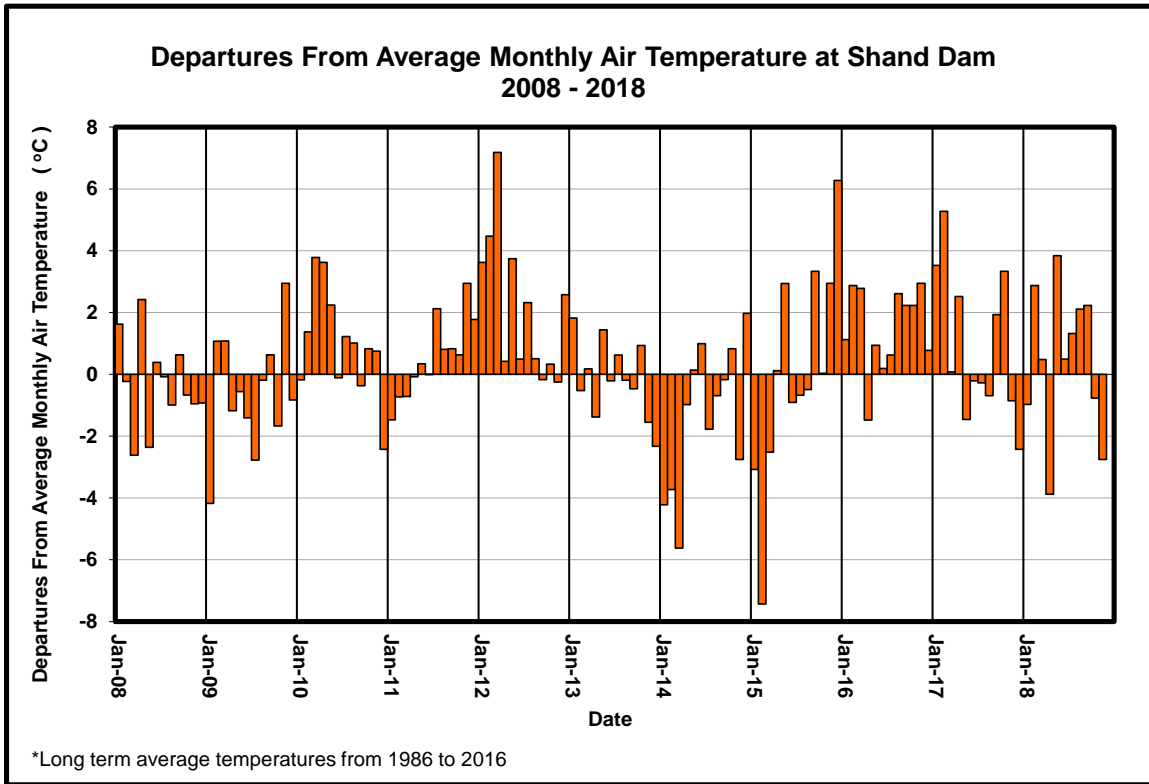


Figure 3: Forecasted Lake Erie Levels

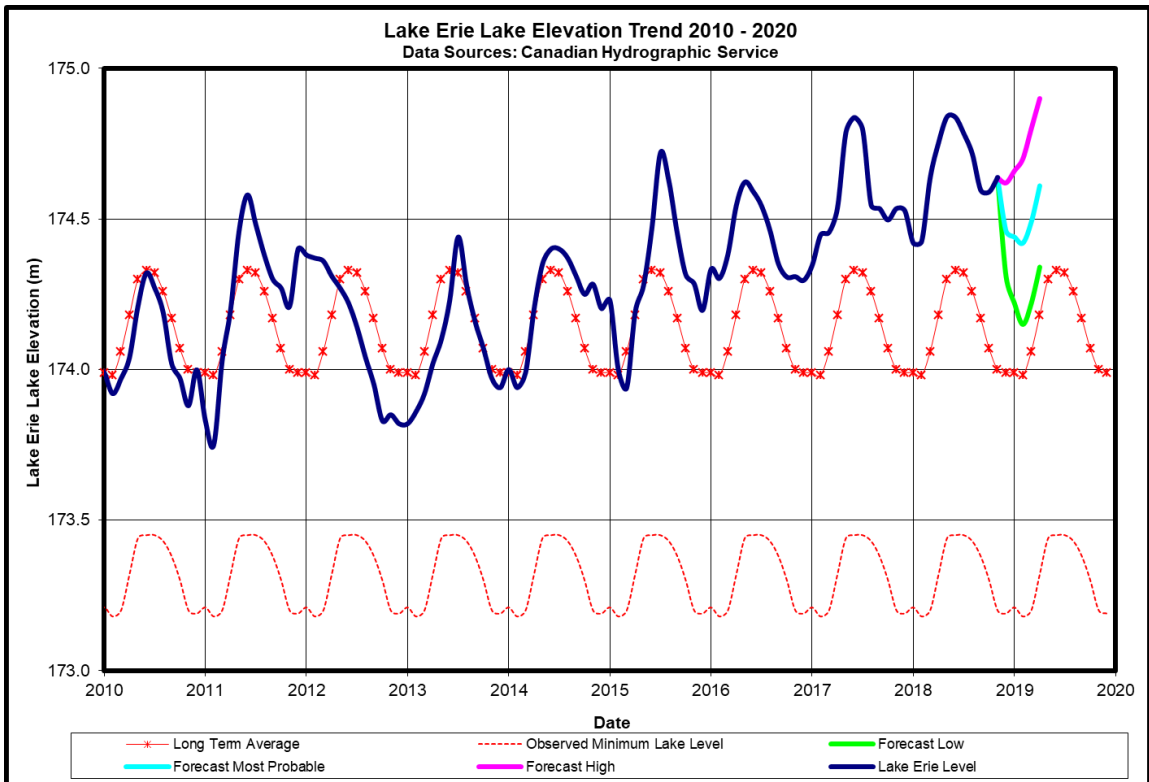


Figure 4: Shand and Conestogo Reservoir Elevation Plots

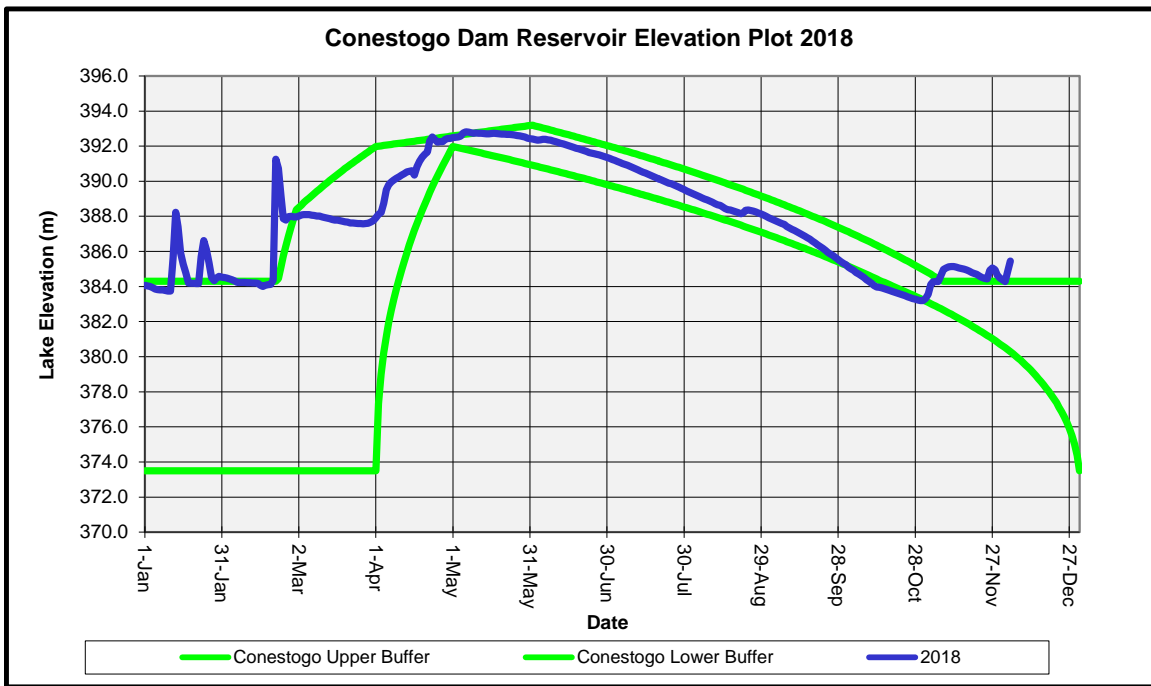
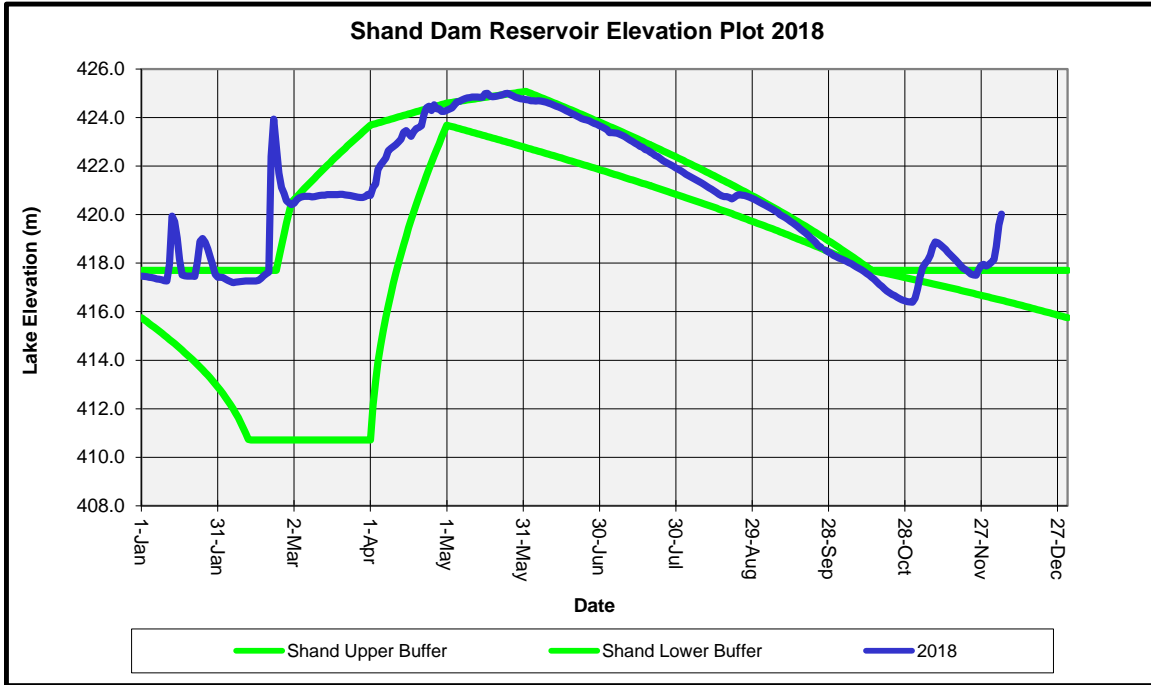
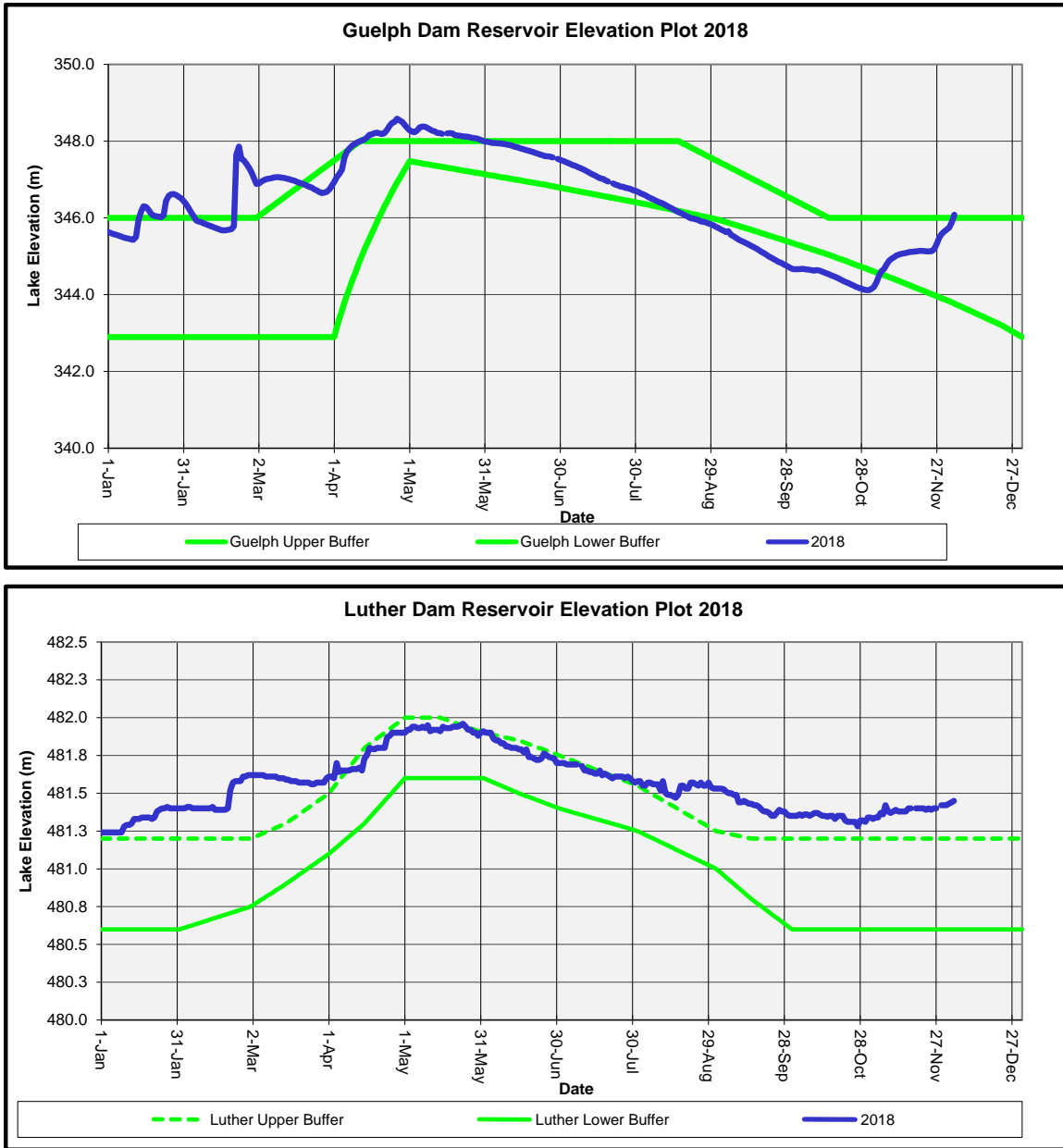


Figure 5: Guelph and Luther Reservoir Elevation Plots



Luther Dam Operating Curves

Luther Dam primarily provides a flow augmentation function to the upper Grand River and to Shand Dam. While it does provide some benefits from a flood control perspective, these benefits are limited due to the small drainage area regulated by Luther Dam.

The buffers between March 1st and September 30th define the operating range to meet downstream low flow targets. The lower buffer defines the lowest operating range for flow augmentation before reducing downstream flow augmentation targets. The earlier winter (January 1st to March 1st) and late fall (October 1st to December 31st) upper buffer curve is defined from ecologic considerations from the Luther Marsh Master Plan.