



Final 2020 Budget

February 19, 2020

Mississippi Valley Conservation Authority
2019 Budget Control (up to December 31, 2019 UNAUDITED) and 2020 Budget
Operating Program

Expenditures	2019 Budget	Year-To-Date as at: December 31 2019 UNAUDITED	2020 Budget
Corporate Services			
Administration	\$654,536	\$657,567	\$520,470
Communications	\$94,698	\$93,197	\$106,756
Operations	\$34,780	\$24,188	(\$20,757)
Sub-total	\$784,014	\$774,952	\$606,469
Watershed Management			
Information Management	\$209,346	\$262,828	\$226,395
Watershed Planning	\$351,473	\$298,503	\$334,814
Watershed Monitoring	\$294,580	\$222,313	\$209,651
Studies	\$137,352	\$134,391	\$131,655
Plan Review	\$230,728	\$216,024	\$205,862
Section 28 Regulations	\$326,983	\$395,004	\$376,754
Sub-total	\$1,550,462	\$1,529,063	\$1,485,131
Flood and Erosion Control			
Flood Forecasting & Warning	\$233,873	\$224,597	\$252,304
O&M Flood Control Structures	\$330,921	\$292,460	\$313,939
Prev. Maintenance of FCS	\$137,457	\$127,500	\$139,336
Sub-total	\$702,251	\$644,557	\$705,579
Conservation Services			
Stewardship Services	\$237,043	\$94,241	\$258,935
Property Management	\$313,260	\$307,189	\$335,083
Conservation Education	\$110,708	\$105,419	\$116,621
Visitor Services	\$147,983	\$131,877	\$138,623
Sub-total	\$808,994	\$638,727	\$849,262
Total Operating	\$3,845,721	\$3,587,299	\$3,646,441
Revenues	2019 Budget	Year-To-Date as at: December 31 2019 UNAUDITED	2020 Budget
Municipal Levy			
- General benefiting	\$2,500,845	\$2,302,112	\$2,588,714
- Special benefiting	\$66,228	\$55,961	\$61,500
Sub-total	\$2,567,073	\$2,358,073	\$2,650,214
Provincial Transfer Payment	\$248,792	\$128,438	\$128,438
Special Grants	\$28,909	\$25,161	\$25,161
User Fees & Contract Revenue	\$416,000	\$513,617	\$412,000
Special Reserves	\$136,228	\$118,229	\$115,368
Other	\$448,719	\$443,781	\$315,260
Total Revenues	\$3,845,721	\$3,587,299	\$3,646,441
Surplus/(Deficit)	\$0	\$0	\$0

Mississippi Valley Conservation Authority
 2019 Budget Control (up to December 31, 2019 UNAUDITED) and 2020 Budget
 Capital Program

Water & Erosion Control Infrastructure			
Expenditures	2019 Budget	Year-To-Date as at: December 31 2019 UNAUDITED	2020 Budget
Water & Erosion Control Infrast	\$330,643	\$183,146	\$858,340
Revenues	2019 Budget	Year-To-Date as at: December 31 2019 UNAUDITED	2020 Budget
WECI Grant	\$165,322	\$17,825	\$396,000
General Benefiting levy	\$165,322	\$165,321	\$26,340
Special Benefiting levy	\$0	\$0	\$0
Deferred Revenue - WECI	\$0	\$0	\$0
Water Control Structure Reserve	\$0	\$0	\$40,000
Special Reserves - Glen Cairn Provincial Share	\$0	\$0	\$396,000
Total Revenue	\$330,643	\$183,146	\$858,340

Administration Office			
Expenditures	2019 Budget	Year-To-Date as at: December 31 2019 UNAUDITED	2020 Budget
Administration Office	\$277,005	\$277,005	\$277,005
Revenues	2019 Budget	Year-To-Date as at: December 31 2019 UNAUDITED	2020 Budget
Provincial Transfer Payment	\$0	\$0	\$0
General Benefiting levy	\$277,005	\$277,005	\$277,005
Special Benefiting levy	\$0	\$0	\$0
Special Reserves	\$0	\$0	\$0
Other	\$0	\$0	\$0
Total Revenue	\$277,005	\$277,005	\$277,005

Other Capital			
Expenditures	2019 Budget	Year-To-Date as at: December 31 2019 UNAUDITED	2020 Budget
Other Capital	\$18,000	\$12,881	\$144,500
Revenues	2019 Budget	Year-To-Date as at: December 31 2019 UNAUDITED	2020 Budget
General Benefiting levy	\$13,000	\$9,378	\$125,500
Special Reserves	\$0	\$0	\$14,000
Other	\$5,000	\$3,503	\$5,000
Total Revenues	\$18,000	\$12,881	\$144,500

Mississippi Valley Conservation Authority

2020 Budget

Table 3a - 2020 Administration and Maintenance Levy (General Benefiting)

Municipality	2019 Apportionment %	2019 Levy	2020 Apportionment %	2020 Levy	Variance
North Frontenac Tp	0.9648	\$24,128	0.9541	\$24,699	\$571
Central Frontenac Tp	0.4447	\$11,121	0.4421	\$11,445	\$324
Tay Valley Tp	0.662	\$16,556	0.6555	\$16,969	\$413
Beckwith Tp	0.6476	\$16,195	0.6490	\$16,801	\$606
Carleton Place	2.3766	\$59,435	2.4197	\$62,639	\$3,204
Drummond/North Elm Tp	0.499	\$12,479	0.4961	\$12,843	\$364
Lanark Highlands Tp	1.1324	\$28,320	1.1393	\$29,493	\$1,173
Mississippi Mills	2.6379	\$65,970	2.6369	\$68,262	\$2,292
Addington Highlands Tp	0.1611	\$4,029	0.1611	\$4,170	\$141
Ottawa	90.438	\$2,261,714	90.4106	\$2,340,472	\$78,758
Greater Madawaska Tp	0.0359	\$898	0.03560	\$922	\$24
Total	100	\$2,500,845	100	\$2,588,714	\$87,869

Table 3b - 2020 Capital Project Levy (General Benefiting)

Municipality	2019 Apportionment %	2019 Levy	2020 Apportionment %	2020 Levy	Variance
North Frontenac Tp	0.9648	\$5,085	0.9541	\$5,187	\$102
Central Frontenac Tp	0.4447	\$2,344	0.4421	\$2,403	\$59
Tay Valley Tp	0.662	\$3,489	0.6555	\$3,563	\$74
Beckwith Tp	0.6476	\$3,413	0.6490	\$3,528	\$115
Carleton Place	2.3766	\$12,525	2.4197	\$13,154	\$629
Drummond/North Elm Tp	0.499	\$2,630	0.4961	\$2,697	\$67
Lanark Highlands Tp	1.1324	\$5,968	1.1393	\$6,193	\$225
Mississippi Mills	2.6379	\$13,902	2.6369	\$14,334	\$432
Addington Highlands Tp	0.1611	\$849	0.1611	\$876	\$27
Ottawa	90.438	\$476,613	90.4106	\$491,477	\$14,864
Greater Madawaska Tp	0.0359	\$189	0.03560	\$194	\$5
Total	100	\$527,005	100	\$543,606	\$16,599

Table 3c - 2020 Total Municipal Levy (General Benefiting)

Municipality	2019 Apportionment %	2019 Levy	2020 Apportionment %	2020 Levy	Variance
North Frontenac Tp	0.9648	\$29,213	0.9541	\$29,885	\$672
Central Frontenac Tp	0.4447	\$13,465	0.4421	\$13,848	\$383
Tay Valley Tp	0.662	\$20,044	0.6555	\$20,532	\$488
Beckwith Tp	0.6476	\$19,608	0.6490	\$20,329	\$721
Carleton Place	2.3766	\$71,960	2.4197	\$75,793	\$3,833
Drummond/North Elm Tp	0.499	\$15,109	0.4961	\$15,539	\$430
Lanark Highlands Tp	1.1324	\$34,287	1.1393	\$35,687	\$1,400
Mississippi Mills	2.6379	\$79,872	2.6369	\$82,596	\$2,724
Addington Highlands Tp	0.1611	\$4,878	0.1611	\$5,046	\$168
Ottawa	90.438	\$2,738,327	90.4106	\$2,831,949	\$93,622
Greater Madawaska Tp	0.0359	\$1,087	0.03560	\$1,115	\$28
Total	100	\$3,027,850	100	\$3,132,320	\$104,470

**Mississippi Valley Conservation Authority
2019 Budget Control (up to December 31, 2019 UNAUDITED) and 2020 Budget**

Administration

Objectives:

- provide financial management and accounting of MVCA expenditures and revenues
- manage MVC human resources to achieve MVCA resource management objectives
- maintain relationships with government, Conservation Authorities and other partners
- provide cost effective administrative support and office accommodations
- maintain support and dialogue with the Board of Directors and committees

Strategic Priorities:

- continue to improve backup support capabilities in critical administrative functions
- improve integration of budget, accounting and cost control systems

Budget Highlights:

- continue to provide administrative and financial support for all program areas
- continue to provide support for Board of Directors
- Complete Asset Management training in cooperation with eastern Ontario Conservation Authorities (commenced 2019)
- OH&S expense included staff time in previous years. 2020 staff time included in wages

Expenditures	2018 Actual	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	326,063	415,142	413,809	348,670
Staff Mileage/Expenses/Prof Development	8,486	8,500	13,518	8,500
Member Expenses & Allowances	36,895	42,000	31,148	42,000
Mat/Sup/Equip/GenExp/BankChg/Postage/Courier	36,919	35,000	37,031	35,000
Insurance/Telephone	30,617	32,000	29,474	31,000
Audit/Legal Fees	10,320	12,000	22,308	12,000
Conservation Ontario Levy	25,757	26,000	29,484	27,000
OH&S-Wages/Ben/Exp/Other Costs (.1 FTE included above)	12,635	13,000	12,075	4,500
Consulting Fees/Human Resources	24,886	10,000	9,585	10,000
Consulting Fees/Asset Management Plan/FCM AM	0	79,094	77,336	20,000
Administrative Charges OMFCS	(18,200)	(18,200)	(18,200)	(18,200)
Vacation Exp/Retiree Ben Exp	1,826	0	0	0
Total	496,204	654,536	657,567	520,470
Revenues	2018 Actual	2019 Budget	2019 Actual	2020 Budget
Provincial Grant	0	0	0	
Municipal Levy	459,722	553,242	524,944	470,470
Special Levy	0	0	0	
Other - Interest	33,305	20,000	48,609	28,000
Other - Rental Income	125	0	325	0
Other - FCM AM Project/Participants	0	79,094	77,330	20,000
Other - Miscellaneous	3,052	2,200	6,359	2,000
Total	496,204	654,536	657,567	520,470

**Mississippi Valley Conservation Authority
2019 Budget Control (up to December 31, 2019 UNAUDITED) and 2020 Budget**

Communications

Objectives:

- promote a positive image of MVCA
- enhance communication and collaboration among Municipalities, partners, public and media to foster partnerships, and to engage people and organizations
- increase communications, including information on events, MVCA activities and available services
- produce high-quality communication materials

Strategic Priorities:

- promote MVCA programs, services and projects to member Municipalities, residents, partner organizations, and other stakeholders
- ensure consistent use of corporate branding and identity in MVCA communication products
- develops and distributes MVCA media and communications products, maintains MVCA's website and social media outlets, promotes MVCA at local fairs and events and supports funding applications
- provides support to all MVCA departments

Budget Highlights:

- training and services for communications/ professional development
- contracted services such as graphic design and translation
- supplies and materials such as business cards, name plates and MVCA promotional items for staff and board members
- continue to share administrative assistant position with Administration for event organization, website updates, to seek funding and assist with communications initiatives

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	74,198	71,739	73,256
Mileage/Expenses/Professional Development	7,000	872	7,000
Printing	5,000	939	5,000
Materials/Supplies/Equipment/Gen Expenses	6,500	6,821	6,500
Advertising/Publicity	2,000	2,268	2,000
Eko-Trekr App Development	0	7,086	0
Eko-Trekr App Annual Fee	0	0	3,000
Website Updates	0	3,473	0
Signs - Roy Brown Park	0	0	10,000
Total	94,698	93,197	106,756
Revenues	2019 Budget	2019 Actual	2020 Budget
Provincial Grant	0	0	
Municipal Levy	94,698	86,111	98,756
Special Levy	0	0	
MVCF	0	7,086	3,000
Special Grant - Enbridge	0	0	5,000
Total	94,698	93,197	106,756

Mississippi Valley Conservation Authority
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Operations

Objectives:

- manage MVCA vehicle and field equipment resources
- maintain all vehicles and equipment in safe and sound condition
- secure and disperse equipment and supplies to staff
- operate workshop facilities
- recover operating and maintenance costs through usage charges

Budget Highlights:

- replace vehicles and equipment as part of regular fleet maintenance

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	10,780	10,759	11,043
Mileage/Expenses/Prof Development	3,600	1,969	3,600
Vehicle/Equipment Purchase	3,000	0	3,000
Vehicles/Equipment Lease	0	0	0
Materials/Supplies/Fuel/Maintenance	50,000	45,697	50,000
Insurance/Licensing	10,300	8,982	10,000
General Expenses	1,600	2,710	1,600
Vehicle/Equipment Charges	(100,000)	(104,429)	(100,000)
Capital Assets:			
Vehicles (see Other Capital details page)	35,500	0	0
Equipment (see Other Capital details page)	20,000	0	0
Transfer to Vehicle Equip. Reserve		58,500	
Total	34,780	24,188	(20,757)
Revenues	2019 Budget	2019 Actual	2020 Budget
Provincial Grant	0	0	
Municipal Levy	16,780	23,533	(20,757)
Special Levy	0	0	0
Other - Trail Counter	0	655	0
Special Reserves - Vehicles & Equipment	18,000	0	0
Total	34,780	24,188	(20,757)

**Mississippi Valley Conservation Authority
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Information Management

Objectives:

- maintain network systems
- delivery of the enterprise Geographical Information System (GIS)
- provide IT support to all staff

Strategic Priorities:

- Development of GIS/IM strategic plan (2018-2023)
- ensure the reliability of existing investments and procedures in Information Management
- build on existing infrastructure: network, GIS, procedures and personnel skills
- add value to existing corporate strategic and operational decision making
- build the capacity to improve critical datasets that support and advance key business functions
- Implement open data strategy of MVCA owned spatial assets

Budget Highlights:

- DRAPE 2019 ortho-imagery (to be completed in 2020)
- move email database to MS Exchange 365
- maintain computer and network assets
- support flood risk mapping update project and generic regulation geotechnical line updates
- advance document management system (CADIMS) into other departments
- long-term investing in data acquisition

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	126,046	126,831	130,395
Mileage/Expenses/Professional Development	3,000	2,667	3,000
Materials/Supplies/Gen Expenses	3,600	5,780	3,600
Equipment Purchase, Repair & Mtce	4,000	1,265	4,000
Software/Maintenance/IT Support	36,500	33,394	36,500
High Speed Internet Access	3,200	3,521	3,200
Data Acquisition - General /Transfer to Reserve	8,000	8,000	15,700
Electronic Document Management (CADIMS)	10,000	10,000	10,000
Cyber Security Support	0	65,940	0
Data Management Automation	0	0	20,000
Capital Assets:			
Computer Hardware	15,000	5,431	0
Total	209,346	262,828	226,395
Revenues	2019 Budget	2019 Actual	2020 Budget
Provincial Grant	0	0	
Municipal Levy	209,346	201,681	210,695
Special Levy	0	0	0
Special Reserves - IT Reserve	0	0	15,700
Insurance Claim - Cyber Support	0	61,146	0
Other - CA Maps Program/Tech Fee for Info Products	0	0	0
Total	209,346	262,828	226,395

**Mississippi Valley Conservation Authority
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Watershed Planning

Objectives:

- undertake watershed level planning studies and policy development to conserve watershed resources
- develop program implementation plans to direct conservation efforts
- provide advice and guidance to public and municipalities on environmental issues
- produce Watershed Report Card 2018
- implement objectives of monitoring strategy

Strategic Priorities:

- develop comprehensive watershed information database
- develop watershed management strategy to meet watershed planning objectives
- develop Watershed Plan and Characterization Reports

Budget Highlights:

- continue work with Mississippi River Watershed Plan
- complete Nutrient Modelling on Mississippi Lake
- assist in implementation of Lake Management Plans for Mississippi Lake, Kashwakamak Lake and Malcolm/Ardoch
- participate in municipal Official Plan/comprehensive Zoning reviews
- coordinate public forums to address environmental concerns
- work with partners such as City of Ottawa and lake associations to implement steward initiatives
- continue stream morphology study of the Carp River in collaboration with the University of Ottawa

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	298,473	275,682	294,314
Mileage/Expenses/Professional Development	9,000	4,897	9,000
Materials/Supplies/Gen Expenses	3,000	1,629	3,000
Carp Action Plan (0.4 FT)	0	0	0
Mississippi River Watershed Plan	13,000	1,031	20,000
Carp River Geomorphology Assessment	28,000	15,263	8,500
Total	351,473	298,503	334,814
Revenues	2019 Budget	2019 Actual	2020 Budget
Provincial Grant	0	0	
Municipal Levy	287,973	249,003	304,814
Special Levy	0	0	0
Special Reserves - Glen Cairn Provincial Share	49,500	49,500	20,000
Other - Carp River Donations (DR)	0	0	0
Other - Mississippi Lake Association	0	0	0
Other - Mitacs (C.R. Geom. Assessment & Ottawa Univ.)	14,000	0	0
Other - Queens	0	0	0
Operating Reserve			10,000
Total	351,473	298,503	334,814

**Mississippi Valley Conservation Authority
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Watershed Monitoring

Objectives:

- to implement a comprehensive, integrated and coordinated monitoring program that fulfills the watershed monitoring and reporting needs of MVCA while furthering the interests of municipal, provincial and federal partners
- raise awareness of lake/watercourse sensitivity to nutrient enrichment and encourage stewardship efforts
- implement objectives of monitoring strategy
- support enhanced monitoring on Mississippi Lake

Strategic Priorities:

- assess monitoring data to provide information to support the Plan Advisory and Regulations Programs, to track changes in the watershed due to the cumulative impact of development, climatic changes etc. and to enable reporting on watershed conditions
- continued conversion of sampling data to digital format for use in GIS and web access and work in coordination with eastern conservation authorities.

Budget Highlights:

- Continue water quality monitoring on lakes through the Watershed Watch program
- Continue partnership with Lake Stewards
- Conduct benthic and fish community sampling in subwatersheds
- Continue utilizing WISKI for storage of water chemistry data
- Use WISKI for storage of biological monitoring data
- Continue collecting stream temperature data on cold water streams
- Continue monitoring surface water and ground water quality monitoring stations under the Provincial Monitoring Network
- Produce Integrated Monitoring Report for 2019 season
- Sample 13 City of Ottawa Baseline sites

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	218,270	174,460	153,931
Mileage/Expenses/Professional Development	18,000	17,326	18,000
Materials/Supplies/Equip/Gen Expenses	4,000	3,374	4,000
Lab Analysis (throughout watershed)	6,000	4,070	6,000
Carp River Planting KWOOG	0	0	0
City of Ottawa Baseline Monitoring (incl. mileage and lab fees)	27,720	13,972	27,720
Poole Creek Subwatershed Study	20,590	9,110	0
Capital Assets:			
Equipment	0	0	
Total	294,580	222,313	209,651
Revenues	2019 Budget	2019 Actual	2020 Budget
Provincial Grant	0	0	
Municipal Levy	170,762	120,762	148,151
Special Levy (Baseline Monitoring City of Ottawa)	0	55,961	61,500
Other - Carp River Planting KWOOG	0	0	0
Other - MOECC - Ground Water Monitoring Project	0	0	0
Other - City of Ottawa - Baseline Monitoring	66,228	0	0
Other - Poole Creek Subwatershed Study	57,590	45,590	0
Total	294,580	222,313	209,651

**Mississippi Valley Conservation Authority
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Studies

Objectives:

- complete surveys and studies required to fulfil MVC watershed management objectives

Budget Highlights:

- continue the program to update Floodplain Mapping in the City of Ottawa
- complete update to floodplain maps for the lower Mississippi River watershed
- complete flood depth maps and lower return period floodline maps
- conduct Carp River Floodplain mapping study

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	128,352	125,618	122,655
Mileage/Expenses/Professional Development	0	0	0
Ottawa Floodplain Mapping Update	3,000	5,447	1,000
Harwood Creek Floodplain Mapping Study	3,000	663	0
Lower Mississippi River Floodplain Mapping Study	3,000	2,664	0
Carp River - Floodplain Mapping Study	0	0	8,000
Total	137,352	134,391	131,655
Revenues	2019 Budget	2019 Actual	2020 Budget
Provincial Grant	0	0	
Municipal Levy	48,567	41,085	82,870
Special Levy	0	0	0
Other - City of Ottawa Contribution	48,785	48,785	48,785
Other - National Disaster Mitigation Program	40,000	44,521	0
Total	137,352	134,391	131,655

**Mississippi Valley Conservation Authority
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Plan Review

Objectives:

- achieve MVCA watershed management objectives through the provision of advice to municipal planning authorities on land use and infrastructure planning matters
- fulfil obligations for delegated responsibilities under the Planning Act to address natural hazards issues
- provide advice to municipal planning authorities on natural heritage issues regarding site-specific applications through cost recovery
- provide advice to federal/provincial approval authorities for large scale infrastructure projects
- review and provide input for comprehensive municipal planning documents (Official Plan Reviews)
- review and provide advice to municipalities in regard to Technical reviews (stormwater, hydrogeology, environmental impacts)

Budget Highlights:

- continue providing a streamlined service for commenting and advice on development applications and review projects subject to Ontario Regulation 153/06 - continue responding to public inquiries regarding potential development impacts and beneficial management practices
- provide public access to information regarding natural hazard and natural heritage issues through the MVCA web-site

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	219,228	208,008	194,362
Mileage/Expenses/Professional Development	9,000	7,330	9,000
Materials/Supplies/Gen Expenses	2,500	686	2,500
Total	230,728	216,024	205,862
Revenues	2019 Budget	2019 Actual	2020 Budget
Provincial Grant	0	0	
Municipal Levy	85,728	54,466	70,862
Special Levy	0	0	0
User Fees - Plan Review	145,000	161,558	135,000
Total	230,728	216,024	205,862

**Mississippi Valley Conservation Authority
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Regulations

Objectives:

- minimize the risk to life, property damage and social disruption due to flooding, erosion and slope failure
- prevent pollution/degradation of aquifers, rivers and other water bodies
- ensure the wise use of regulated land
- ensure compliance monitoring and enforcement

Strategic Priorities:

- continue compliance monitoring and enforcement capabilities
- integrate review of applications for permission with site specific planning application reviews

Budget Highlights:

- develop priorities for updating existing flood plain mapping studies and completing new flood plain mapping studies
- continue delivery of the Tay Valley Septic Inspection/Re-inspection program in partnership with the Ottawa Septic System Office (RVCA)
- continue delivery of the North Frontenac and Central Frontenac, Rideau Lakes and Tay Valley Septic Re-Inspection programs in partnership with the Ottawa Septic System Office (RVCA)
- continue to update Regulation policies

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	224,983	243,212	246,754
Mileage/Expenses/Professional Development	10,000	11,687	10,000
Materials/Supplies/Gen Expenses	2,000	1,181	2,000
Legal Fees	15,000	27,582	17,000
Mississippi/Rideau Septic Program	75,000	111,342	75,000
Advisory Services	0	0	26,000
Total	326,983	395,004	376,754
Revenues	2019 Budget	2019 Actual	2020 Budget
Provincial Grant	0	0	
Municipal Levy	176,983	175,944	211,754
Special Levy	0	0	
User Fees - Permit Processing Fees - Permits/PropClear	75,000	102,783	80,000
User Fees - Permit Processing Fees - Carp River	0	0	0
User Fees - Mississippi/Rideau Septic Program	75,000	110,963	75,000
Other - Order for Legal Costs	0	0	0
MVCF - Wetland Protection Fund	0	0	10,000
PLT Wage Subsidy		5,315	0
Operating Reserve -			
Total	326,983	395,004	376,754

**Mississippi Valley Conservation Authority
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Flood Forecasting and Warning

Objectives:

- provide early warning of significant flood events to watershed municipalities
- advise operators/owners of significant dams on watershed conditions and forecasts
- monitor watershed conditions and assess flood potential
- operate emergency communications centre during Class 3 flood events
- assist municipalities in emergency response preparedness planning
- provide direction and information for the Low Water Response Team for drought monitoring and awareness

Strategic Priorities:

- update watershed modelling capabilities
- develop water budget analysis
- improve meteorological data access
- assess MVCA's forecasting and warning capabilities to meet provincial objectives and develop a plan to meet and maintain those objectives

Budget Highlights:

- continue to utilize WISKI-SODA in retrieving and disseminating real-time data on water levels and flows
- annual maintenance fees on software being used to improve timely access to remote data
- maintain the automated gauge network for all MVCA owned and operated dams
- install and maintain additional gauges within the City of Ottawa at Galetta and Huntley Creek (currently on hold due to bridge construction)
- professional development - additional training for WISKI usage
- support and maintenance costs for additional modules for WISKI for website development, field data entry, water quality and fisheries data management
- continue contract with OPG to undertake snow course on their behalf
- adding new automated gauges at Malcolm & Pine Lakes and on the Mississippi River, Silver Lake, Summitt Lake and Mosque Lake
- purchase the radar module of WISKI with Quinte and Rideau Valley CA's

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	166,973	170,872	183,404
Standby/On Call Pay	1,500	1,875	1,500
Mileage/Expenses/Professional Development	22,000	20,699	22,000
Equip Software Rent Pur Repair & Mtce	17,000	1,595	17,000
Utilities - Telephone & Hydro	11,000	8,520	13,000
Communications - Radios & Pagers	4,700	4,689	4,700
Materials/Supplies/General Expenses	5,000	1,180	3,500
Low Water Response	0	0	0
2019 Flood Response	0	10,375	0
WISKI-Soda License and Maintenance Fees	5,700	4,794	5,700
Stream Gauges	0	0	1,500
Capital Assets:			
Equipment - Stream Gauge Equipment	0	0	0
Total	233,873	224,597	252,304
Revenues	2019 Budget	2019 Actual	2020 Budget
Provincial Grant (Prov. TP Grant - Section 39)	116,937	60,368	60,368
Municipal Levy	116,936	131,370	176,936
Special Levy	0	0	0
Other - Low Water Grant	0	0	0
CSJ - Wage Subsidy	0	8,859	0
Career Launcher Funding (WISKI)	0	0	15,000
Other - Shared Contribution (WISKI)	0	24,000	0
Total	233,873	224,597	252,304

**Mississippi Valley Conservation Authority
2019 Budget Control (up to December 31, 2019 UNAUDITED) and 2020 Budget**

Operation/Maintenance of Flood Control Structures

Objectives:

- operate MVCA flood and erosion control structures in accordance with established operating policies and procedures
- update operating policies and procedures as required
- provide an integrated approach to stream flow regulation and reservoir management in cooperation with other watershed dam operators
- undertake routine maintenance of MVCA structures to provide a safe and efficient operation

Strategic Priorities:

- maintain a Dam Safety Program and associated policies for MVCA owned and operated structures
- maintain backup support for operations planning

Budget Highlights:

- operator safety equipment upgrades
- provide additional technical support to ensure consistent level of service year round
- update annual Emergency Preparedness and Response Plans for all MVCA owned and operated structures
- obtain new safety equipment for dam operators and field staff
- joint task team with Cataraqui and Quinte to develop dam database in WISKI
- develop fall retrieval plans for all MVCA owned or operated dams to meet OH&SA requirements
- continue 3 year contract with MNR/Bancroft for \$6,900 in 2019 and negotiate new 3 year contract increasing 3% for next 3 years and additional contract costs estimated at \$3,000/year for preventative maintenance to be established each year
- continue last year of current OPG contract and negotiate new 3 year contract increasing annually by 3%
- convert dam operation data/budget files from Lotus to Excel

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	251,221	217,347	234,239
Mileage/Expenses/Professional Development	15,000	14,351	15,000
Administrative Charges	18,200	18,200	18,200
Taxes/Insurance	38,000	35,734	38,000
Materials/Supplies/Equipment/General Exp	4,500	3,658	4,500
Health & Safety Expenses	4,000	3,171	4,000
Total	330,921	292,460	313,939
Revenues	2019 Budget	2019 Actual	2020 Budget
Provincial Grant (Prov. TP Grant - Section 39)	131,855	68,070	68,070
Municipal Levy	153,166	167,882	197,744
Special Levy	0	0	0
User Fees - OPG Contract	39,000	48,402	41,000
Other - MNR Bancroft & Kemptonville	6,900	8,106	7,125
WCS Reserve - Glen Cairn Prov Share	0	0	0
Total	330,921	292,460	313,939

**Mississippi Valley Conservation Authority
2019 Budget Control (up to December 31, 2019 UNAUDITED) and 2020 Budget**

Preventative Maintenance of Flood Control Structures

Objectives:

- perform annual inspections of all MVCA owned and operated structures to document maintenance issues
- undertake minor maintenance of MVCA flood and erosion control structures to maintain long term integrity and ensure continued safe operation of facilities

Strategic Priorities:

- complete digital drawings of all MVCA water control structures
- prepare dam safety reviews of MVCA water control structures
- update capital rehabilitation of MVCA structures

Budget Highlights:

- complete annual inspections of MVCA structures
- continue annual stoplog/signage replacement program
- undertake minor maintenance identified through inspections to dams to ensure safe operation of staff to meet health & safety requirements
- undertake minor maintenance of MNRF dams operated by MVCA on a cost recovery basis

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	120,957	116,364	122,836
Mileage/Expenses/Professional Development	5,000	2,381	5,000
Materials/Supplies/Equipment	5,500	2,426	5,500
Stoplog Replacement	6,000	6,329	6,000
Total	137,457	127,500	139,336
Revenues	2019 Budget	2019 Actual	2020 Budget
Provincial Grant	0	0	
Municipal Levy	68,729	58,771	69,668
Special Levy	0	0	
WCS Reserve - Glen Cairn Prov Share	68,729	68,729	69,668
Total	137,457	127,500	139,336

**Mississippi Valley Conservation Authority
2019 Budget Control (up to December 31, 2019 UNAUDITED) and 2020 Budget**

Stewardship Services

Objectives:

- to promote implementation of best management practices on private lands

Strategic Priorities:

- continuation of MVCA involvement in the Ottawa Clean Water Program
- continuation of MVCA involvement in delivery of the Ottawa Green Acres & Trees Ontario reforestation program
- continue to deliver a watershed wide private land stewardship program

Budget Highlights:

- provide forest management services to the County of Lanark
- implement prescriptions as per Lanark County 20 year Forest Management Plan
- promote and implement the Green Acres and Trees Ontario Program
- continue program for naturalizing shorelines throughout watershed in partnership with Lake Associations and private corporations and landowners
- complete Carp Erosion Control Project
- complete restoraton work on Upper Poole Creek

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	56,043	58,379	73,735
Mileage/Expenses/Prof Development	2,000	2,454	2,000
Mat&Sup/Equip/GExp/Promotion/Bat Boxes	1,000	381	1,000
Ottawa Clean Water Prog - Mil/Exp/Grants/Comm Exp	3,500	86	3,500
County of Lanark Program	6,000	5,106	6,000
Shoreline Naturalization	3,000	4,678	3,000
Carp Erosion Control	160,000	18,068	164,200
Tree Planting/Stewardship Projects (RVCA Partnership)	5,500	5,088	5,500
Total	237,043	94,241	258,935
Revenues	2019 Budget	2019 Actual	2020 Budget
Provincial Grant	0	0	
Municipal Levy	57,043	43,322	85,735
Special Levy	0	0	0
User Fees - City of Ottawa RCWP	6,000	3,100	3,000
User Fees - Lanark County	6,000	11,470	6,000
Other - City of Ottawa - Carp Erosion Control	163,000	31,693	164,200
Other - OWF Grant - Fish Habitat Wolf Grove Creek	0	2,000	0
Other - Trees/TD Planting Program Grant	5,000	2,655	0
Total	237,043	94,241	258,935

**Mississippi Valley Conservation Authority
2019 Budget Control (up to December 31, 2019 UNAUDITED) and 2020 Budget**

Property Management

Objectives:

- manage and maintain MVCA properties and facilities
- fixed costs for buildings and services
- maintain facilities and building systems
- commence asset management planning
- continue risk management, property liability inspections

Budget Highlights: Budget Highlights:

Enhance maintenance to MVCA facilities and Conservation Areas

- Continue grounds maintenance
- Maintenance trails and bridges
- Initiate interpretive signage
- Maintenance internal roadways (snow plow and grade)
- Start (multiyear) replacement of Purdon Conservation Area boardwalk

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	84,060	85,022	105,883
Mileage/Expenses/Professional Development	3,500	556	3,500
Insurance/General Expenses	30,500	20,784	30,500
New Admin Office	100,000	98,817	100,000
Mill of Kintail Conservation Area	63,000	59,408	63,000
Palmerston/Canonto Conservation Area	3,000	843	3,000
Morris Island Conservation Area	16,000	10,401	16,000
Purdon Conservation Area	4,000	2,288	4,000
K & P Trail Conservation Area	8,000	28,092	8,000
Cedardale Properties	1,200	978	1,200
Total	313,260	307,189	335,083
Revenues	2019 Budget	2019 Actual	2020 Budget
Provincial Grant	0	0	
Municipal Levy	311,610	297,680	333,433
Special Levy	0	0	0
PLT & CPRA Wage Subsidy	0	8,050	0
Other - K&P - Bucci Order \$30,000	0	0	0
Other - Bell Canada - Annual Easement - K&P	1,650	1,460	1,650
Total	313,260	307,189	335,083

**Mississippi Valley Conservation Authority
2019 Budget Control (up to December 31, 2019 UNAUDITED) and 2020 Budget**

Education

Objectives:

- to provide an environmental stewardship ethic through conservation based education programs and community outreach initiatives

Strategic Priorities:

- deliver Ontario curriculum based outdoor education program
- provide conservation based summer day camps
- carry out MVCA flood safety mandate with Spring Water Awareness Program (SWAP)
- promote Ontario curriculum based in-school environmental education opportunities
- create additional outdoor education opportunities for significant sites within the watershed
- increase communications with educators and public through social media presence

Budget Highlights:

- increased participation in environmental education professional development
- creation of new outdoor education opportunities and community initiatives
- provision of busing grants (MVCF) to bolster outdoor education bookings in winter
- maintain delivery of SWAP
- support Enviro-Thon (*event cancelled by School Board for 2019*)

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	99,708	100,905	105,621
Mileage/Expenses/Professional Development	3,000	952	3,000
Materials/Supplies/Equipment/General Exp	2,000	1,279	2,000
Publicity	1,000	333	1,000
Busing Program (winter)	2,000	1,950	2,000
Enviro-Thon	1,500	0	1,500
Childrens Water Festival	1,500	0	1,500
Total	110,708	105,419	116,621
Revenues	2019 Budget	2019 Actual	2020 Budget
Provincial Grant	0	0	
Municipal Levy	68,008	64,542	72,121
Special Levy	0	0	0
User Fees - Education Program	38,000	38,927	40,000
Other - MVCF - Busing	2,000	1,950	2,000
Other - OPG SWAP Grant	2,500	0	2,500
Other - Envirothon	200	0	0
Total	110,708	105,419	116,621

**Mississippi Valley Conservation Authority
2019 Budget Control (up to December 31, 2019 UNAUDITED) and 2020 Budget**

Visitor Services

Objectives:

- to foster an appreciation for the natural environment in the general public through the provision of day use Conservation Areas
- promote the values and life of R. Tait McKenzie and James Naismith through the operation and maintenance of the Mill of Kintail Museum and McKenzie artifacts, as well as the Brothers of the Wind Archival Centre

Strategic Priorities:

- promotion of all conservation areas as natural/recreation destinations
- increase visitorship via marketing and promotion
- promote multi-use trail use at sites through mapping, promotion and activities
- generate user fees through Gatehouse Conference Centre rentals and Cloister rentals

Budget Highlights:

- create new interpretive signage for trails
- Naismith & McKenzie promotional items including new joint logo design
- MVCA history storyboard

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	117,019	117,349	122,623
Mileage/Expenses/Professional Development	1,000	210	1,000
Utilities - Telephone	5,000	3,679	5,000
Publicity	1,000	541	1,000
Signage	0	0	1,000
Admin/BankChrgs/Equip/GShop/M&S/SpEvExp/Sculpture	6,000	5,658	6,000
Interior Maintenance	2,000	190	2,000
Mississippi Mills Annual Grant Expense	15,464	4,250	0
Morris Island CA	0	0	0
Night Sky Program (discontinued program)	500	0	0
Capital Assets:			
Equipment	0	0	0
Furniture & Fixtures	0	0	0
Total	147,983	131,877	138,623
Revenues	2019 Budget	2019 Actual	2020 Budget
Special Grant - Provincial Grant	13,445	13,445	13,445
Municipal Levy	81,074	61,017	75,462
Special Levy	0	0	0
User Fees - Conservation Areas	32,000	36,414	32,000
Donations Received	0	1,281	0
Special Grant - Miss Mills Grant - MOK & Naismith	15,464	11,716	11,716
Other - Parking Meter - Morris Island CA	6,000	5,454	6,000
Other -Tait McKenzie Sculpture Donations	0	2,550	0
Total	147,983	131,877	138,623

**Mississippi Valley Conservation Authority
2019 Budget Control (up to December 31, 2019 UNAUDITED) and 2020 Budget**

Water & Erosion Control Infrastructure

Objectives:

- undertake maintenance of MVCA flood and erosion control structures to maintain long term integrity and ensure continued safe operation of facilities

Budget Highlights:

- Shabomeka Lake Dam rehabilitation
- Farm Lake Dam Safety Assessment

Expenditures	2019 Budget	2019 Actual	2020 Budget
Wages/Benefits	27,993	27,701	26,340
Dam Operation Guidelines and OMS Manuals	5,000	0	
Mazinaw Lake Dam Gate	5,000	221	
Widow Lake Dam Retrofit Design	0	0	
Farm Lake Dam - Safety Assessment	0	0	40,000
Capital Assets:			
Shab Lake Dam Design Study	0	0	
Mazinaw Lake Dam Gantry	0	0	
Shab Lake Dam Final Design	60,000	6,316	
Shab Lake Dam Construction	0	0	692,000
Widow Lake Dam Repairs	112,650	15,263	
Kash Lake Dam Repair	120,000	145	100,000
Contributions to WCS Reserve	0	133,500	
Total	330,643	183,146	858,340
Revenues	2019 Budget	2019 Actual	2020 Budget
WECI Grant	165,322	17,825	396,000
Municipal Levy - General	165,322	165,321	26,340
Deferred Revenue (WECI)	0	0	
WCS Reserve	0	0	40,000
Special Reserves - Glen Cairn Provincial Share	0	0	396,000
Total	330,643	183,146	858,340

Administration Office

Objectives:

- facilitate construction of new Administration Office

Budget Highlights:

- continue with annual financing plan

Expenditures	Approved Budget	Spent 2011-2018	2019 Budget	2019 Actual	2020 Budget
Capital Assets:					
Member Costs	18,000	16,551	0	0	
Advertising	0	2,653	0	0	
Borrowing Costs	55,000	263,950	0	0	
Official Opening Charges	0	2,567	0	0	
Professional Consulting Fees & Disb	310,000	344,091	0	0	
Project Management	75,000	99,088	0		
Permits/Approvals/Other	106,000	94,836	0	0	
Furniture & Equipment Allowance	461,000	498,052	0	0	
Moving Expenses	10,000	7,877	0	0	
Land Costs	137,000	133,870	0	0	
Construction Cost	5,213,712	4,852,791	0	0	
Sub-Total	6,385,712	6,316,326	0	0	0
Annual Financing Charge	290,000	277,005	277,005	277,005	277,005
Grand Total			277,005	277,005	277,005
Revenues	Approved Budget	Received 2011-2018	2019 Actual	2019 Actual	2020 Budget
Provincial Grant	0	0	0	0	0
Municipal Levy - General benefit	6,385,712	287,593	277,005	277,005	277,005
Municipal Contributions 2009-2013	0	1,482,000	0	0	0
Loan	0	4,000,000	0	0	0
Other	0	416,818	0	0	0
Other - Deposit Returned	0	2,000	0	0	0
Other - Turn Lane Cont C.Place/Southwell	0	127,915	0	0	0
Grand Total	6,385,712	6,316,326	277,005	277,005	277,005

**Mississippi Valley Conservation Authority
2019 Budget Control (up to December 31, 2019 UNAUDITED) and 2020 Budget**

Other Capital

Objectives:

- Undertake capital improvements and upgrades to the Mill of Kintail Conservation Area

Budget Highlights:

- K&P - railing replacement
- Phase 3 - Roy Brown Park - develop lookout deck
- replace eavestrough on MOK Museum
- boardwalk replacement at Purdon Conservation Area (multiple years to complete)
- Vehicles & Equipment replacements (previous year's replacements see Operations)
- Computer Hardware replacements (previous year's replacements see Information Management)
- MOK - workshop building roof

Expenditures	2019 Budget	2019 Actual	2020 Budget
Conservation Area Signs (directional)	4,000	541	
Morris Island Bridge Decking	4,000	5,335	
CP Trail - Phase 1	10,000	7,006	
CP Trail - Phase 3	0	0	10,000
K&P (railing replacement)	0	0	40,000
Purdon Boardwalk	0	0	2,000
Vehicles	0	0	35,500
Equipment	0	0	34,000
Computer Hardware	0	0	15,000
MOK - Workshop Building	0	0	8,000
MOK Playstructure	0	0	
Total	18,000	12,881	144,500
Revenues	2019 Budget	2019 Actual	2020 Budget
Provincial Grant	0	0	
Municipal Levy - General	13,000	9,378	125,500
Other - Town of CP - Roy Brown Contr.	5,000	3,503	5,000
Special Reserves - Vehicles & Equipment			14,000
Total	18,000	12,881	144,500

Reserve Investments

Expenditures	Dec 31 2018 Balance	2019 Allocations From Reserve	2019 Allocations to Reserve	Dec 31 2019 Balance	2020 Budget Allocations FROM Reserves	2020 Budget Allocations TO Reserves	Projected Dec 31 2020 Balance
Building Reserve	298,701	0	40,000	338,701	0		338,701
Information Technology Reserve	24,000	0	8,000	32,000	15,700		16,300
Museum Building & Art Reserve	2,868	0	1,530	4,398	0		4,398
Sick Leave Reserve	73,843	0	0	73,843	0		73,843
Vehicles & Equipment Reserve	36,903	0	58,500	95,403	0		95,403
Water Control Structure Reserve - MVCA	75,385	0	133,500	208,885	40,000	89,761	258,646
Water Control Structure Reserve - Glen Cairn - Prov	697,000	118,229	0	578,771	485,668		93,103
Conservation Areas Reserve	0	0	17,000	17,000	0	25,000	42,000
Operating Reserve	719,411		199,558	918,969	10,000		908,969
Total	1,928,111	118,229	458,088	2,267,970	551,368	114,761	1,831,363