

# 2022

## Approved Budget

February 17, 2022



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**UPPER THAMES RIVER**  
CONSERVATION AUTHORITY

# UTRCA 2022 Approved Budget

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## Overview

The Upper Thames River Conservation Authority's (UTRCA) 2022 Approved Budget forecasts expenditures of \$19,154,354. This total includes operating (\$17,411,797) and capital expenses (\$1,742,557).

The Approved Budget was developed as we continue to navigate the pandemic that has impacted our service delivery levels and corresponding budgets. With pandemic wage subsidy programs out of reach, vacant staff positions were not filled and Environmental Targets work was postponed for 2020 and much of 2021. The 2022 Approved Budget foregoes implementation of the final phase of Environmental Targets funding, and represents an effort to regain service delivery levels, particularly in the areas of environmental planning and hazard mapping, while recognizing work required to achieve initial stages of compliance with the new provincial regulations.

Key influences on the 2022 Approved Budget include the following.

### 1. Changes to the Conservation Authorities Act and related regulations

The Province released the Phase 1 Regulations in October 2021. Significant administrative and technical staff effort will be required to undertake or update components of the regulations, which include:

- Watershed-Based Resource Management Strategy,
- Conservation Authority Land Strategy and Land Inventories,
- Natural Hazards Infrastructure Operational Management Plan, and
- Natural Hazards Infrastructure Asset Management Plan.

The full extent of these impacts has not been included in this Approved Budget. Preliminary review of the regulations indicates significant additional capacity may be required to fulfill the requirements over the next two years. Additional administrative effort will also be required to produce the required Inventory of Programs and Services, including funding sources and estimated annual costs, and to develop and negotiate MOUs/cost apportioning agreements for non-mandatory programs and services requiring levy.

### 2. Uncontrollable Expenses

An inflationary increase of 3.5% has been applied to the 2022 Approved Budget, where not otherwise known as higher.

Just the increased cost of insurance programs is an additional expense of approximately \$65,000.

### 3. Organization Modernization and Compensation Review

Modernization of the UTRCA's programs and services is underway. This reorganization is designed to incorporate the requirements of the new regulations, consider the retirement of many long-term staff, and increase the organization's effectiveness.

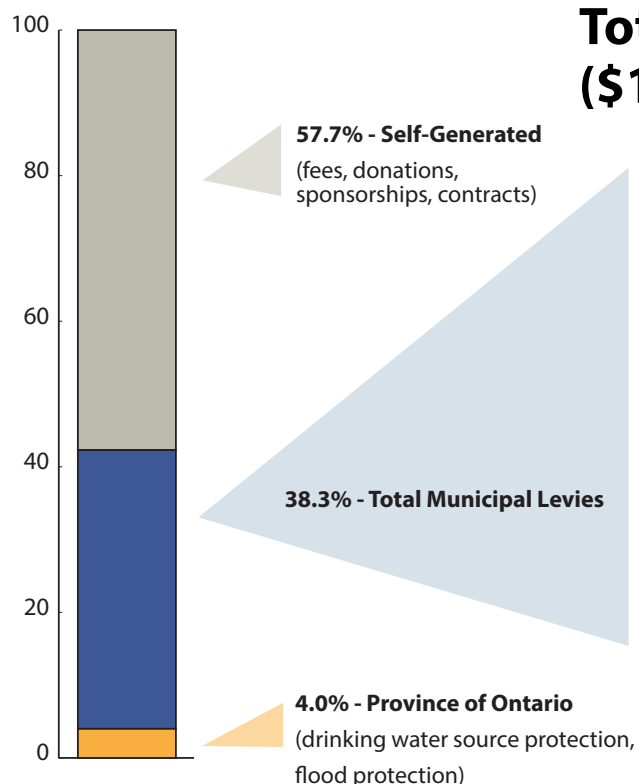
Staff retention is a key UTRCA management priority. Reduced staff turn-over benefits the organization through employment of experienced staff, return on investment in staff training, and fewer disruptions to work flow. The last formal salary review was completed in 2006 and, while the organizational structure has been tweaked over time, there are also structural barriers to staff growth and advancement. Both issues have been recognized during the past few years but have recently become a priority as staff retention is being affected.

A compensation review by ML Consulting is underway. An estimated 5% increase to the salary grid has been included in the Approved Budget as a first step to account for the costs of implementing the recommendations of this review. The review recommendations may have additional financial and organizational implications for the UTRCA.

In summary, the UTRCA is presenting a combined (operating and capital) Approved Budget with a projected deficit of \$834,435, more than half of which is planned to be absorbed by Flood Control reserves. This forecast includes a conservative estimate of "soft revenue," which is typical contract revenue that is expected during the year from programs that have not yet been announced. The municipal levy increase is 3.5% for operating purposes, of which 55% is driven by flood control needs with the remainder supporting general levy. Provincial funding remains inadequate for the mandatory responsibilities delegated to the UTRCA.

We remain proud of our staff's effort and commitment to leverage our member municipalities' investment and deliver programs that improve watershed health and contribute to building resilient communities in the face of a changing climate, through these challenging times.

## Approved Budget: Summary



## Total combined Budget Revenue (\$18,319,921)

Municipality	% of CVA for Part of Levy	Total 2022 Levy
County of Oxford	16.8428	\$1,046,256
City of London	64.2416	\$4,771,651
Township of Lucan Biddulph	0.3468	\$18,056
Municipality of Thames Centre	3.1857	\$171,162
Municipality of Middlesex Centre	2.3789	\$123,856
City of Stratford	7.2417	\$417,9454
Township of Perth East	1.4232	\$76,699
Municipality of West Perth	1.4873	\$145,153
Town of St. Marys	1.4482	\$143,332
Township of Perth South	1.2009	\$62,524
Municipality of South Huron	0.2028	\$10,557
Township of Zorra	0	\$15,000 *
Township of South-West Oxford	0	\$5,610 *
<b>TOTAL</b>	<b>100%</b>	<b>\$7,007,811</b>

\* The dam levy is applied directly as these municipalities are the sole beneficiaries of the structures.

The formula that determines each municipality's share (percentage) of the levy reflects, in part, the assessed value of each municipality's land within the watershed, as set out in the Conservation Authorities Act. The Province provides these assessed values (Current Value Assessment or CVA) annually.

The remainder of the levy reflects the specific benefiting percentage each municipality derives from the flood control structures. These percentages are identified in the table titled "Dam and Flood Control Levy - Details" (see last page of this budget). For example, the City of London benefits 100% from Fanshawe Dam and, therefore, is the only municipality levied for operating and maintaining that structure. Wildwood and Pittock Dams use unique benefiting formulas.

The municipal levy is the most important funding received by the Conservation Authority as this investment allows the UTRCA to obtain and retain staff expertise. Staff leverage the municipal share by applying for grants from foundations, generating funds from user fees, entering into contracts, and obtaining sponsorships from the private sector.

In the 2022 Approved Budget, the UTRCA leverages the 38.3% funded by municipalities into another 57.7% of funding to support a broad range of services for watershed residents, as directed by the Board of Directors.



# Approved Operating Budget

	Approved 2021 Budget	Approved 2022 Budget	% Change from Last Year	Notes
<b>REVENUES</b>				
<b>New Levy Funding</b>				
Municipal General Levy	4,154,463	4,245,898	2.20%	
Dam and Flood Control Levies	1,591,062	1,703,866	7.09%	
Operating Reserve Levy	34,014	34,692	1.99%	
	5,779,539	5,984,456	3.55%	Overall increase to member municipalities
<b>Amortized Levy from previous years</b>				
Municipal General Levy	560,214	410,932	-26.65%	Less funding deferred in 2021 than 2020 due to COVID
Flood Control Levies	119,786	201,386	68.12%	From previously funded capital projects
Capital Maintenance Levy	54,457	84,968	56.03%	From previously deferred maintenance levies
	734,457	697,286	-5.06%	
<b>MNRF Transfer Payment</b>	181,213	181,213	0.00%	
<b>Contracts and Grants</b>				
Municipal within Watershed	996,200	1,054,028	5.80%	
Municipal outside Watershed	132,176	157,402	19.09%	
Provincial	1,152,224	877,636	-23.83%	Grants expected to decline still
Federal	635,075	332,038	-47.72%	Grants expected to decline still
All Other	1,845,487	1,816,095	-1.59%	
	4,761,161	4,237,199	-11.00%	
<b>User Fees and Other Revenues</b>				
Conservation Areas	3,455,733	3,873,302	12.08%	
Planning and Permit Fees	355,000	580,000	63.38%	
Education Fees	55,000	95,000	72.73%	
Landowner tree sales, cost recoveries	229,193	228,943	-0.11%	
	4,094,926	4,777,245	16.66%	New fee schedules anticipated
<b>Other Revenues</b>				
From deferred revenues	538,297	684,873	27.23%	
Donations, interest and gains	77,206	391,520	407.11%	Expected recognition of investment gains \$300K
	615,503	1,076,393	74.88%	
<b>Funding required from Flood Reserves</b>	285,576	321,950	12.74%	
<b>TOTAL REVENUES</b>	<b>16,452,375</b>	<b>17,275,742</b>	<b>5.00%</b>	
<b>EXPENDITURES</b>				
<b>Mission Cost Centres</b>				
Community Partnerships	1,765,700	1,534,305	-13.11%	
Water and Information Management	3,000,802	3,240,256	7.98%	
Environmental Planning and Regulations	2,218,022	2,521,671	13.69%	
Conservation Services	1,914,209	1,915,209	0.05%	
Watershed Planning, Research and Monitoring	1,150,060	1,150,682	0.05%	
Conservation Areas	4,238,181	4,712,154	11.18%	
Lands and Facilities	1,724,133	1,870,499	8.49%	
<b>Service Cost Centres</b>	155,657	467,021	200.03%	Direct costs not allocated (covered primarily from investment gains)
<b>Program Operating Expenditures</b>	16,166,763	17,411,797	7.70%	
<b>Desired transfers to Flood Reserves</b>	254,014	28,400	-88.82%	Eliminated transfers for HR, WCC, and operating reserve
<b>TOTAL EXPENDITURES</b>	<b>16,420,777</b>	<b>17,440,197</b>	<b>6.21%</b>	
<b>NET SURPLUS (DEFICIT)</b>	31,598	(164,455)		
Depreciation Expense	1,148,343	1,162,263	1.21%	
<b>CASH SURPLUS (DEFICIT)</b>	<b>1,179,941</b>	<b>997,809</b>	<b>-15.44%</b>	

# Approved Capital Budget

	Approved 2021 Budget	Approved 2022 Budget	Notes
<b>FLOOD CONTROL</b>			
<b>Capital Funding</b>			
Flood Control Capital levy	1,844,248	730,000	
Federal Funding	1,028,976	160,000	
Provincial - Water and Erosion Control Infrastructure	81,371	277,500	
Funding Deferred	(6,687)	-	
<b>Total Current Year Funding</b>	<b>2,947,908</b>	<b>1,167,500</b>	
<b>Capital Projects</b>			
Fanshawe Dam	40,230	202,232	
Wildwood Dam	80,319	-	
Pittock Dam	52,091	105,562	
London Dykes	2,618,561	449,596	
RT Orr Dam	-	125,408	
Mitchell Dam	36,760	40,000	
Small Dams	64,267	79,396	
Erosion Control Structures	-	300,363	Includes City of London request
<b>Total Spending</b>	<b>2,892,228</b>	<b>1,302,557</b>	Dependent on WECl approvals
<b>Surplus (Deficit) from Flood Control Capital</b>	<b>55,680</b>	<b>(135,057)</b>	
<b>Funding Required from Reserves</b>	<b>(54,666)</b>	<b>137,000</b>	From Flood Control reserve
<b>Balance Surplus (Deficit) Capital Flood Activities</b>	<b>1,014</b>	<b>1,943</b>	
<b>OTHER CAPITAL NEEDS</b>			
<b>Capital Funding</b>			
Current Capital Maintenance Levy	178,626	183,627	
Land Grant	-	15,000	Applied for grant
<b>Capital Expenditures</b>			
Land	-	25,000	
Infrastructure	194,000	150,000	Electrical Infrastructure Improvement Project
Vehicles and Equipment	-	195,000	3 pickup trucks, tire changer
Technology Equipment	-	70,000	Computers, electrofisher
<b>Total Spending</b>	<b>194,000</b>	<b>440,000</b>	
<b>Surplus (Deficit) from other Organizational Capital</b>	<b>(15,374)</b>	<b>(241,373)</b>	
<b>Funding Required from Reserves</b>	<b>-</b>	<b>150,000</b>	From Conservation Area reserve
<b>Balance Surplus (Deficit) other Organizational Capital</b>	<b>(15,374)</b>	<b>(91,373)</b>	
<b>Total Capital Budgets Surplus (Deficit)</b>	<b>(14,360)</b>	<b>(89,430)</b>	

## List of Acronyms

WCC - Watershed Conservation Centre

WECl - Water and Erosion Control Infrastructure

## Approved Budget: All Units, All Activities

	Approved 2021 Budget	Approved 2022 Budget	% Change from Last Year	Notes (see page 4 for list of acronyms)
<b>Funding</b>				
Municipal Levies	4,154,463	4,245,898	2.2%	
Dam and Flood Control Levy	1,591,062	1,703,866	7.1%	
Operating Reserve Levy	34,014	34,692	2.0%	
Flood Control Capital Levy	1,868,892	839,726	-55.1%	Project list subject to WECl funding
Capital Maintenance Reserve Levy	178,626	183,627	2.8%	
Government Transfer Payments	181,213	181,213	0.0%	
Contracts	5,789,508	4,599,699	-20.6%	Reflects Flood Control capital spending plans
User Fees	4,176,926	4,867,245	16.5%	
All other incl. Deferred Revenues	1,318,629	1,663,953	26.2%	Increase to investment gains included
<b>Total Funding</b>	<b>19,293,333</b>	<b>18,319,919</b>	<b>-5.0%</b>	
<b>Expenditures</b>				
Wages, Benefits, Per Diems	10,130,400	11,373,834	12.3%	Staffing and grid adjustments
Training, PPE, Travel Reimbursements	199,710	194,110	-2.8%	
Legal, Audit, Insurance, Banking	433,874	506,969	16.8%	Insurance expected to rise 22%
Advertising and Promotion	54,255	52,350	-3.5%	
Consulting and Services	1,094,304	1,322,419	20.8%	Primarily consulting design for West London Dyke project
Computers and Communications	364,156	309,655	-15.0%	
Property, Utilities, Security	1,240,493	1,379,211	11.2%	
Contracted Services, incl. Flood Control	2,977,102	1,035,412	-65.2%	
Supplies	1,279,696	1,171,482	-8.5%	
Flow Through Expenses	136,650	204,650	49.8%	
Depreciation Expense	1,148,343	1,162,263	1.2%	
Unallocated Costs	7	1,999	28457.1%	
Mission Centre Capital Costs	395,000	440,000	11.4%	Electrical Infrastructure Improvement Project, trucks, computers, electrofisher
<b>Total Expenditures</b>	<b>19,453,990</b>	<b>19,154,354</b>	<b>-1.5%</b>	
<b>Surplus (Deficit) from these budgets</b>	<b>(160,657)</b>	<b>(834,435)</b>		Expected deficit to apply to all reserves

## Approved Flood Control Capital Levy



The UTRCA operates and manages a number of water and erosion control structures on behalf of its member municipalities. The operation and maintenance costs for these structures are apportioned to municipalities on a beneficiary pays basis. The UTRCA also maintains and operates a number of recreation dams on behalf of member municipalities. The benefiting municipality for these recreational structures is the municipality within which they are located. Capital maintenance of all of these structures is funded in the same proportions as operating, as shown in the table below.

The UTRCA Board of Directors has approved a 20 Year Capital Maintenance Plan for Water and Erosion Control Structures. This long term plan has been developed to coordinate the timing and financing of major capital repairs to the water and erosion control structures. The plan is reviewed and updated annually, to maintain a rolling 20 year estimate for planning and financing purposes.

With the plan in place, the UTRCA is able to leverage the municipal contributions to pursue senior government funding support for specific projects. The long term cost projections are also used to lobby senior levels of government to continue providing major capital repair grant programs, such as Ontario's Water and Erosion Control Infrastructure (WECI) program.

The UTRCA continues to receive funding from the federal Disaster Mitigation and Adaptation Fund for the West London Dyke Reconstruction Project, which is in place until March 2028. Funding from WECI is not generally confirmed until May/June.

The amounts for the annual fixed contributions from the affected municipalities are calculated based on long term flood control capital repair estimates. The 20 Year Capital Maintenance Plan includes provisions for reviews and for adjusting the municipal contributions, depending on updated studies and cost estimates. The 2022 Approved Flood Control Capital Levy is described in the following table.

### Flood Control Capital Levy Summary

Municipality	Structure	Apportionment	2022 FC Capital Levy Total
Oxford County	Wildwood Dam	1.01%	\$29,879
	Pittock Dam	62.11%	
	Ingersoll Channel	100.00%	
City of London	Fanshawe Dam	100.00%	\$733,348
	Wildwood Dam	83.85%	
	Pittock Dam	36.75%	
	London Dykes and Erosion Control Structures	100.00%	
	Springbank Dam	100.00%	
Town of St. Marys	St. Marys Floodwall	100.00%	\$45,000
	Wildwood Dam	14.09%	
City of Stratford	RT Orr Dam and Channel	100.00%	--
Municipality of West Perth	Fullarton Dam	100.00%	\$5,000
	Mitchell Dam	100.00%	\$20,000
Township of Zorra	Embro Dam	100.00%	\$1,500
	Harrington Dam	100.00%	\$5,000
<b>Total Flood Control Capital Levy</b>			<b>\$839,727</b>

# 2022 Approved Flood Control Capital Levy

# Protecting People and Property, and Supporting Sustainable Development

## Mission Cost Centre Budgets Water and Information Management

### What We Do

- Reduce the risk of property damage and loss of lives due to flooding by providing watershed municipalities with flood forecasting and warning services and low water response.
- Operate and maintain water control structures (dams, dykes, channels, floodwalls), constructed in partnership with municipalities, to control flood flows and augment stream flow during dry periods.
- Operate and maintain recreational water control structures on behalf of municipalities.
- Comply with legislative requirements and guidelines at the local level.

### Examples

- Provide and maintain flood situation emergency plans and a flood warning system
- Continually monitor stream flow, reservoirs, and watershed conditions at 31 surface water monitoring stations, 23 precipitation stations, and 13 snow survey stations
- Forecast floods, issue flood bulletins, and collect and maintain flood damage information and historical flooding data
- Maintain and expand stream gauge network in order to improve stream flow, climatic and water quality monitoring
- Improve and calibrate flood forecasting models
- Coordinate, maintain, and improve stream flow through flow augmentation reservoirs
- Coordinate the upper Thames River watershed Low Water Response Team, which plans for drought response to meet the needs of watershed residents and business while protecting natural systems and human health
- Operate, inspect, and maintain flood control dams, dyke systems, channels, and erosion control structures, as well as medium sized municipal recreation dams and Conservation Area dams
- Undertake major maintenance projects on water and erosion control structures, and assess municipal erosion control works
- Secure capital maintenance funding for water and erosion control infrastructure, as well as senior government funding support for flood hazard mitigation
- Undertake dam safety studies and improve public safety around dams
- Update operation and maintenance manuals
- Provide technical expertise to identify natural hazards (such as flood plains and steep slopes) with the goal of protecting people and property from these natural hazards
- Host annual meeting with municipal flood coordinators
- Map and model flood plains and update hazard modelling and mapping in support of UTRCA Environmental Planning and Regulations unit

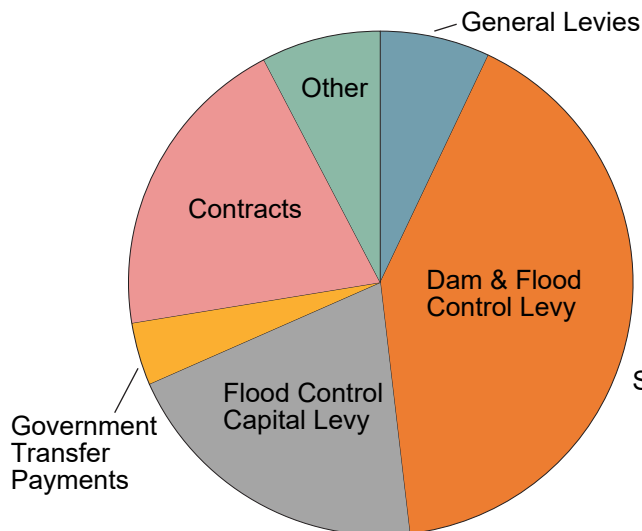


# 2022 Approved Budget

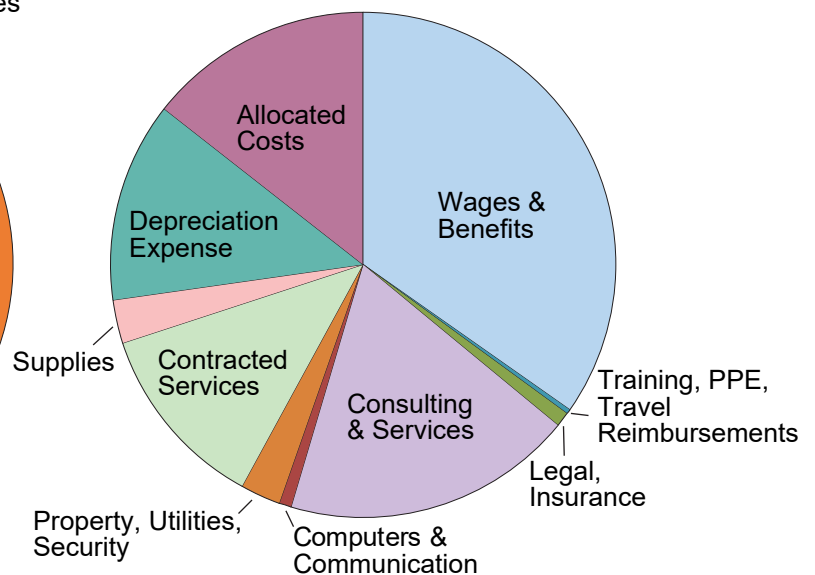
## Approved Budget Water and Information Management

	Approved 2021 Budget	Approved 2022 Budget	% Change from Last Year	Notes (see page 4 for list of acronyms)
<b>Funding</b>				
General Levies	287,037	292,491	1.9%	
Dam and Flood Control Levy	1,591,062	1,703,866	7.1%	
Flood Control Capital Levy	1,868,892	839,726	-55.1%	Dependent on approved WECL projects
Government Transfer Payments	166,270	166,270	0.0%	
Contracts	1,648,596	824,174	-50.0%	WECL approvals estimated
User Fees	-	-	0.0%	
All other incl. Deferred Revenues	293,403	318,311	8.5%	
<b>Total Funding</b>	<b>5,855,260</b>	<b>4,144,838</b>	<b>-29.2%</b>	
<b>Expenditures</b>				
Wages and Benefits	1,356,140	1,577,368	16.3%	
Training, PPE, Travel Reimbursements	13,600	13,400	-1.5%	
Legal, Audit, Insurance, Banking	34,300	43,806	27.7%	
Consulting and Services	465,095	847,000	82.1%	Primarily consulting design for West London Dyke project
Computers and Communications	36,950	34,750	-6.0%	
Property, Utilities, Security	102,125	115,700	13.3%	
Contracted Services, incl. Flood Control	2,502,825	548,000	-78.1%	
Supplies	111,250	125,250	12.6%	
Depreciation Expense	588,903	582,871	-1.0%	
Allocated Costs	681,841	654,668	-4.0%	
<b>Total Expenditures</b>	<b>5,893,029</b>	<b>4,542,813</b>	<b>-22.9%</b>	
<b>Surplus (Deficit) from these budgets</b>	<b>(37,769)</b>	<b>(397,975)</b>		

### FUNDING



### EXPENDITURES



# Protecting People and Property, and Supporting Sustainable Development

## Environmental Planning and Regulations

### What We Do

- Reduce the risk to life and property from natural hazards such as flooding and unstable slopes, and support safe development.
- Promote the maintenance and enhancement of natural heritage features and areas such as woodlands, wetlands, and threatened species, and protect groundwater resources and promote their wise use.
- Comply with legislative requirements under the Conservation Authorities Act.
- Assist municipalities with fulfilling their Planning Act responsibilities by identifying natural hazard areas and natural heritage features, and providing policy support.

### Examples

- Review construction and approve projects in and around watercourses, flood plains, valley slopes, and wetlands to ensure development is safe for individuals and the community
- Provide land use planning advisory services to identify planning concerns related to natural hazards, natural heritage, development servicing, water quality, and natural resources
- Provide comments to assist municipalities with processing Official Plan and zoning by-law amendments, severances, variances and plans of subdivision
- Provide municipalities with access to policy and technical experts in various disciplines, including hydrology, hydrogeology, ecology, fisheries, engineering, bioengineering, stream morphology, and land use planning.
- Answer questions from the public regarding environmental aspects of land use planning
- Respond to property inquiries and mapping requests (legal, real estate, and general information)
- Administer approvals and investigate violations related to regulations made pursuant to Section 28 of the Conservation Authorities Act
- Increase implementation of green infrastructure (Low Impact Development) through pilot projects and professional development opportunities



# Protecting People and Property, and Supporting Sustainable Development

## Source Protection Planning

(Included in Environmental Planning and Regulations Budget)

### What We Do

- Deliver programs and services related to the conservation authority's duties, functions and responsibilities as a source protection authority under the Clean Water Act, 2006.
- Maintain local governance and capacity to facilitate and coordinate source protection initiatives for the Thames-Sydenham and Region.
- Engage local and regional stakeholders, provide source protection expertise, and coordinate local activities that support the implementation and updating of the Thames-Sydenham and Region Source Protection Plan.
- Monitor and report on Source Protection Plan implementation progress within the Thames-Sydenham and Region in accordance with requirements set out in the Act.
- Provide maintenance and operation of an informed and engaged local, multi-stakeholder Source Protection Committee for the Thames-Sydenham and Region to guide the local planning process.

### Examples

- Undertake work to update the Assessment Reports and Source Protection Plan (SPP) to protect human health and municipal drinking water sources (quality and quantity) by addressing implementation challenges, adding new scientific or technical information, or when a new drinking water system is added or changed.
- Receive and maintain information related to the monitoring policy summaries from municipalities and other implementing bodies, including analyzing and interpreting the information received to report on implementation progress to local stakeholders and the Province.
- Issue confirmation notices to municipal drinking water system owners, as required under the Act, for new and changing municipal residential drinking water systems.
- Provide advice to stakeholders on the review of local applications, planning proposals, or decisions in vulnerable areas to ensure SPP policies are considered.
- Provide Risk Management Services to assist participating municipalities in implementing the SPP through risk management, prohibition, and restricted land use policies. Education and outreach are key policy priorities to deliver an effective program.
- Collaborate with municipalities and conservation authorities to develop and operate the Local Source Water Information Management System to assist municipalities in meeting their obligations under the Clean Water Act and Source Protection Plans.

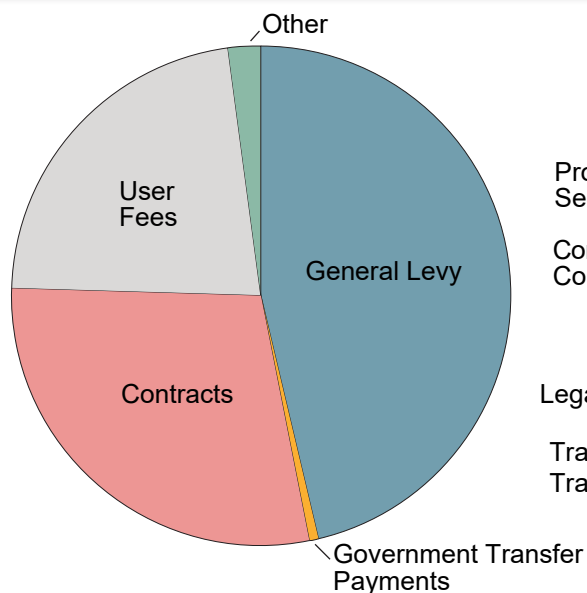


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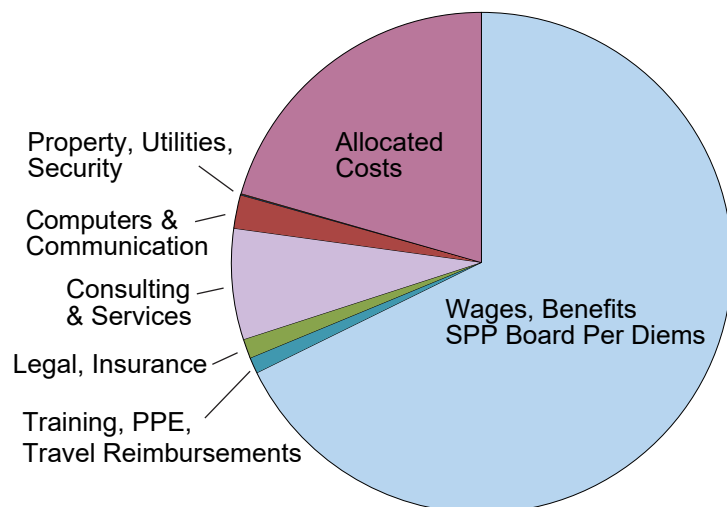
## Approved Budget Environmental Planning and Regulations

	Approved 2021 Budget	Approved 2022 Budget	% Change from Last Year	Notes
<b>Funding</b>				
General Levies	1,049,114	1,202,260	14.6%	
Government Transfer Payments	14,943	14,943	0.0%	
Contracts	720,439	743,530	3.2%	
User Fees	345,000	580,000	68.1%	Anticipated fee changes included
All other incl. Deferred Revenues	31,324	55,646	77.6%	
<b>Total Funding</b>	<b>2,160,820</b>	<b>2,596,379</b>	<b>20.2%</b>	
<b>Expenditures</b>				
Wages, Benefits, Per Diems	1,401,467	1,708,042	21.9%	Additional staffing required
Training, PPE, Travel Reimbursements	25,900	25,900	0.0%	
Legal, Audit, Insurance, Banking	31,800	32,228	1.3%	
Advertising and Promotion	-	-	0.0%	
Consulting and Services	189,560	180,519	-4.8%	
Computers and Communications	54,350	54,350	0.0%	
Property, Utilities, Security	1,700	1,700	0.0%	
Supplies	900	900	0.0%	
Allocated Costs	512,345	518,032	1.1%	
<b>Total Expenditures</b>	<b>2,218,022</b>	<b>2,521,671</b>	<b>13.7%</b>	
<b>Surplus (Deficit) from these budgets</b>	<b>(57,202)</b>	<b>74,708</b>		

### FUNDING



### EXPENDITURES



# Making Science-Based Decisions

## Watershed Planning, Research and Monitoring

### What We Do

- Undertake environmental monitoring including collecting, analyzing, and reporting on data for surface water and groundwater quality, stream health, fisheries, habitat, and species at risk.
- Compile and maintain a comprehensive environmental monitoring database that is integrated and available to watershed partners, and is commonly accessed by development proponents in watershed municipalities when undertaking technical studies or assessments associated with land development activities.
- Produce concise state of the environment reporting every 5 years in a Watershed Report Card document, to understand current local (subwatershed) health and emerging trends as a basis for setting environmental management priorities and inspiring local environmental action.
- Develop and maintain watershed, subwatershed, and property specific management plans in cooperation with government agencies, municipalities, and community groups.
- Implement research studies to fill resource information gaps and develop innovative methods of protecting and enhancing watershed resources, including natural heritage systems studies, water quality assessments, and management plans.



### Examples

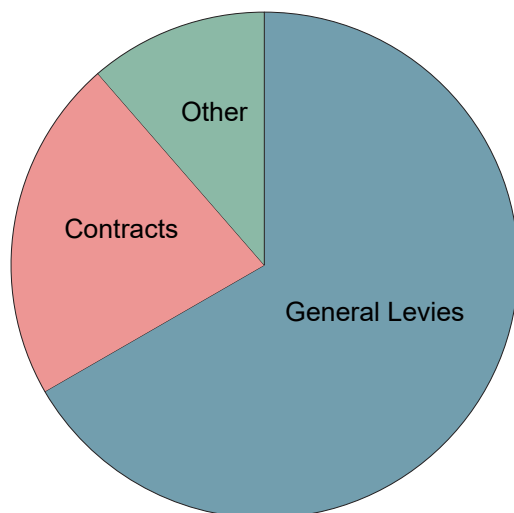
- Monitor groundwater at 24 sites as part of the Provincial Groundwater Monitoring Information System in partnership with the Ministry of the Environment, Conservation and Parks (MECP)
- Collect and analyze surface water samples at 24 sites as part of the Provincial Water Quality Monitoring Network in partnership with the MECP and local Health Units
- Undertake expanded water quality and stream health monitoring, in support of efforts identified in the UTRCA Strategic Plan and in partnership with member municipalities
- Monitor aquatic community health including benthic invertebrates, fisheries, and species at risk to identify priority areas for implementation of best management practices and stewardship
- Participate in senior government working groups related to development of a Domestic Action Plan to reduce phosphorus loads to Lake Erie
- Develop and maintain Geographic Information System (GIS) databases, performing spatial analysis and producing mapping and GIS tools to support watershed planning initiatives, assist in property management, and support regulatory activities
- Develop land management plans for UTRCA properties, such as the Cade Tract, Dorchester Swamp, and conservation area lands, in partnership with the Conservation Areas and Lands and Facilities units
- Provide technical support and review for applications related to planning advisory services
- Study species at risk and their habitat requirements that are indicators of watershed health
- Develop natural heritage system studies to determine significance, spatially quantify gains and losses, and identify areas of concern as well as areas with potential for enhancement.
- Work with a broad range of stakeholders, including municipalities, First Nations and senior government, in the Thames River Clear Water Revival collaborative, to implement *The Thames River (Deshkan Zibi) Shared Waters Approach to Water Quality and Quantity*, which focuses shared water management objectives and supports efforts to address local and Great Lake water quality and quantity issues.
- Gather long term data and create information to measure outcomes related to the UTRCA Environmental Targets Strategic Plan and to guide work to improve environmental health
- Develop strategies for clean water and natural heritage feature protection and restoration in the watershed, as identified in UTRCA Environmental Targets

# 2022 Approved Budget

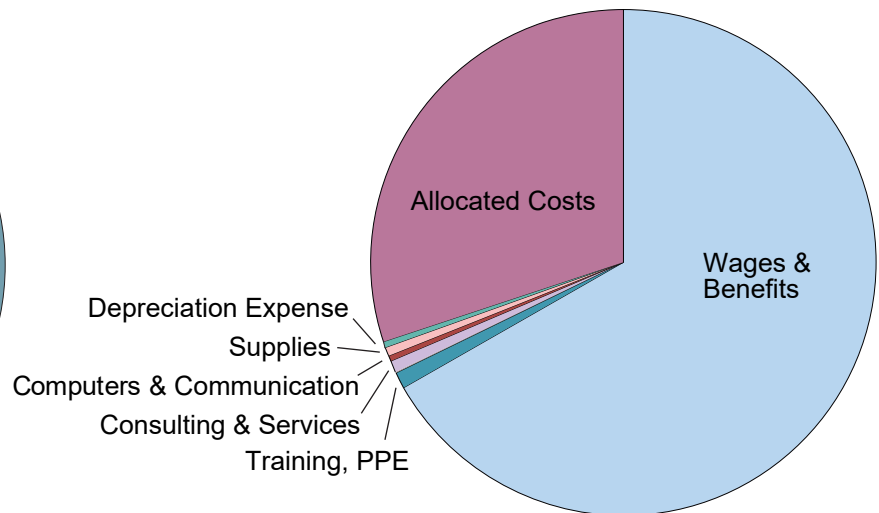
## Approved Budget Watershed Planning, Research and Monitoring

	Approved 2021 Budget	Approved 2022 Budget	% Change from Last Year	Notes
<b>Funding</b>				
General Levies	629,064	592,618	-5.8%	
Contracts	239,150	195,000	-18.5%	Reduced contracts available
User Fees	10,000	-	0.0%	
All other incl. Deferred Revenues	111,107	101,340	-8.8%	
<b>Total Funding</b>	<b>989,321</b>	<b>888,958</b>	<b>-10.1%</b>	
<b>Expenditures</b>				
Wages and Benefits	697,543	768,365	10.2%	
Training, PPE, Travel Reimbursements	10,450	12,200	16.7%	
Advertising and Promotion	100	100	0.0%	
Consulting and Services	65,000	9,000	-86.2%	
Computers and Communications	3,662	4,200	14.7%	
Contracted Services	5,525	-	0.0%	
Supplies	11,000	6,500	-40.9%	
Depreciation Expense	1,442	4,299	198.1%	Adding electrofisher equipment
Allocated Costs	355,338	346,018	-2.6%	
<b>Total Expenditures</b>	<b>1,150,060</b>	<b>1,150,682</b>	<b>0.1%</b>	
<b>Surplus (Deficit) from these budgets</b>	<b>(160,739)</b>	<b>(261,724)</b>		

### FUNDING



### EXPENDITURES



# Fostering Landowner Stewardship

## Conservation Services

### What We Do

- Address soil and water quality concerns by providing comprehensive face-to-face in-field and in-stream conservation planning services, technical services, and engineering planning and design.
- Address locally identified water quality and wildlife habitat impairment issues.
- Improve water quality and habitat for fish and wildlife, and reestablish natural aquatic linkages.
- Offer a range of tree planting and woodlot management services, and increase natural cover to improve water quality, provide wildlife and pollinator habitat, and build climate change resiliency.
- Deliver the Clean Water Program (CWP), which provides a one-window service for rural landowners to access technical assistance and financial incentives for implementing best management practices (BMPs) that improve surface water and groundwater quality and soil health, and contribute to sustainable agricultural operations. The CWP is funded by the Counties of Oxford, Middlesex and Perth, Town of St. Marys, and Cities of Stratford and London, with additional funding leveraged from industry, government, foundations, and donations.



### Examples

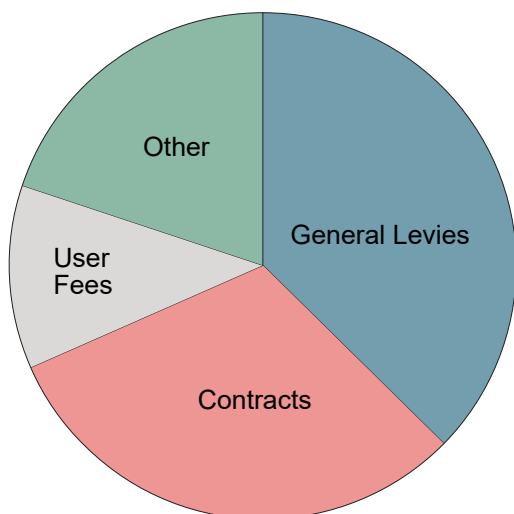
- Deliver a wide range of BMPs through the CWP, which provides more than \$240,000 in grants to an average of 150 projects annually, approved by the local CWP committee. The CWP has completed over 46500 projects since 2001, including 33700 projects cost shared (over \$11 million in capital project value plus landowner inputs of \$54.6 million).
- Deliver Medway Creek watershed phosphorus reduction research and demonstration projects partnering with Environment and Climate Change Canada (ECCC) and the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA)
- Lead cutting-edge research and demonstration projects focused on agricultural stewardship efforts to reduce nutrients in the Thames River and improve the health of Lakes St. Clair and Erie. Projects bring additional investment into the watershed and offset costs to municipalities (e.g., \$300,000/3 years from ECCC; \$280,000/3 years from Agriculture and Agri-Food Canada (AAFC)).
- Lead information sharing and coordinate innovation through research, demonstration projects, workshops, and field tours, in partnership with landowners, agencies, academia, and private sector. Examples include Living Labs, ONFARM, controlled drainage, engineered vegetated filter strips, saturated buffers, constructed wetlands, on-farm stormwater management, slag filters to remove phosphorus from barnyard and silage leachate runoff and from tile drainage systems, edge-of-field research to monitor phosphorus movement on cropland, and biofilters. Project partners include University of Waterloo, University of Guelph, Western University, Great Lakes and St. Lawrence Cities Initiative on the Thames River Phosphorus Reduction Collaborative, OMAFRA, AAFC, OSCIA and others.
- Recently created a UTRCA Demonstration Farm to showcase progressive agricultural BMPs to area landowners, extension staff and the private sector. Several industry partners along with ECCC and OMAFRA contributed to its creation.
- Partner with ECCC to establish and monitor water quality from agriculture-based subwatersheds
- Provide forestry services such as tree planting plans, woodlot management, invasive species control, planning and auditing for the Managed Forest Tax Incentive Program, and help source alternate funding to offset tree planting costs for landowners
- Implement naturalization projects through the Communities for Nature program, which gives 5,000 students and community members each year a hands-on educational experience and creates opportunity for private sector (e.g., TD, DANCOR, 3M Canada, Dillon Consulting, DANCOR, Home Hardware, Columbia Sportswear), service clubs, and donors to provide lands and/or financial support
- Coordinate Memorial Forest programs, in partnership with local funeral homes
- Plant over 2,800,000 trees across the watershed since 1990 (approximately 2000 hectares)
- Partner with London Hydro to offer "Tree Power" program that sells 600 trees to London homeowners each year, as well as launching similar programs in 2021 in Stratford (Festival Hydro) and in Perth South
- Participate in forest health research partnership with Canadian Forestry Service and Ministry of Northern Development, Mines, Natural Resources and Forestry (e.g., Emerald Ash Borer, Oak Wilt Disease, Beech Leaf Disease), and work with partners to preserve the genetics of native butternut trees

# 2022 Approved Budget

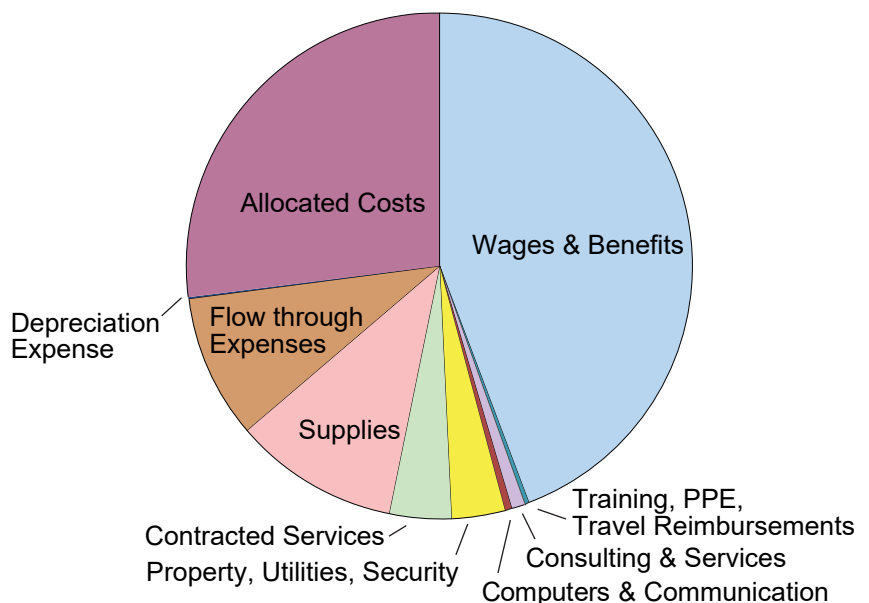
## Approved Budget Conservation Services

	Approved 2021 Budget	Approved 2022 Budget	% Change from Last Year	Notes
<b>Funding</b>				
General Levies	602,564	725,337	20.4%	
Contracts	978,764	603,250	-38.4%	
User Fees	227,443	227,443	0.0%	
All other incl. Deferred Revenues	144,520	385,986	167.1%	Plan to clear deferrals from earlier years
<b>Total Funding</b>	<b>1,953,291</b>	<b>1,942,016</b>	<b>-0.6%</b>	
<b>Expenditures</b>				
Wages and Benefits	750,685	847,615	12.9%	
Training, PPE, Travel Reimbursements	5,250	5,400	2.9%	
Legal, Audit, Insurance, Banking	-	324	100.0%	
Advertising and Promotion	-	-	0.0%	
Consulting and Services	16,700	16,700	0.0%	
Computers and Communications	4,705	7,905	68.0%	
Property, Utilities, Security	25,350	65,350	157.8%	
Contracted Services	151,000	76,000	-49.7%	
Supplies	331,014	201,700	-39.1%	
Flow through Expenses	127,550	175,550	37.6%	Grants anticipated higher in 2022
Depreciation Expense	2,403	2,402	-0.0%	
Allocated Costs	499,552	516,263	3.3%	
<b>Total Expenditures</b>	<b>1,914,209</b>	<b>1,915,209</b>	<b>0.1%</b>	
<b>Surplus (Deficit) from these budgets</b>	<b>39,082</b>	<b>26,807</b>		

### FUNDING



### EXPENDITURES



# Providing Natural Spaces and Recreational Opportunities

## Lands and Facilities

### What We Do

- Create value for the environment by providing safe access to UTRCA-owned/managed lands and permitted outdoor recreational opportunities.
- Work in partnership with the community to ensure the long-term protection of natural areas, such as woodlands and wetlands. Hazard lands and wetlands were acquired for flood risk reduction and recreation, and contribute to natural heritage conservation and water quality protection (surface water and groundwater).
- Lease structures and properties to clubs, community groups, individuals, and municipalities for activities that complement the UTRCA's programs and services.
- Negotiate land management agreements with municipalities to permit free access to day use facilities.
- Land acquisition and disposition.

### Examples

- Own 1900 hectares of rural properties to ensure the long-term protection of natural areas, such as woodlands and wetlands, and provide a variety of passive recreational opportunities.
- Manage 12 Environmentally Significant Areas (ESAs) covering 778.3 hectares, under in an agreement with the City of London
- Work with the local community to implement ESA Conservation Master Plans, in partnership with the City of London
- Initiate asset management plan as per the UTRCA Strategic Plan
- Initiate or assist with capital development projects
- Manage UTRCA fleet vehicles and equipment system
- Manage/maintain Watershed Conservation Centre (LEED Platinum designation)
- Work with the local community to implement the Ellice and Gads Hill Swamps Management Strategy
- Perform comprehensive risk management and safety inspections on UTRCA-owned properties
- Assess hunting opportunities on UTRCA-owned properties and, where appropriate, implement a controlled hunting program
- Respond to infringement and encroachment related issues on UTRCA-owned properties
- Maintain a range of lease agreements for properties and structures, including:
  - o 7 community-based groups that manage and maintain our rural conservation areas
  - o More than 20 clubs that engage in recreational activities at Fanshawe, Wildwood, and Pittock Conservation Areas
  - o 80 cottages at two locations
- When acquiring lands for development of the reservoirs, the UTRCA was obliged to purchase entire holdings (farms); some of these lands are not needed to support the UTRCA's flood management and recreational programs, and are leased by community members, including:
  - o 24 UTRCA-owned agricultural properties totalling approximately 475 hectares
  - o Manage/maintain 7 storage buildings located throughout the watershed
- Partner with municipalities to control invasive species

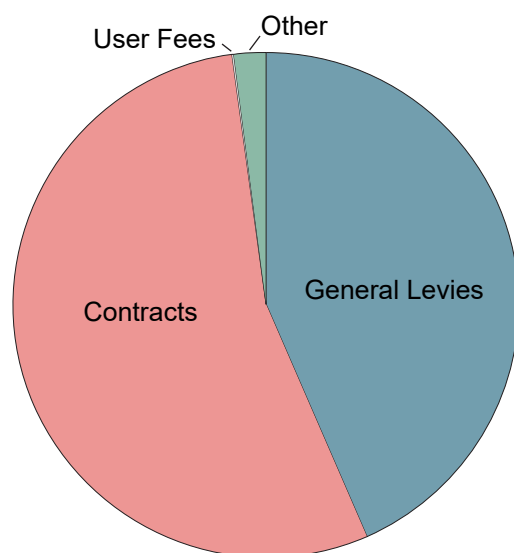


# 2022 Approved Budget

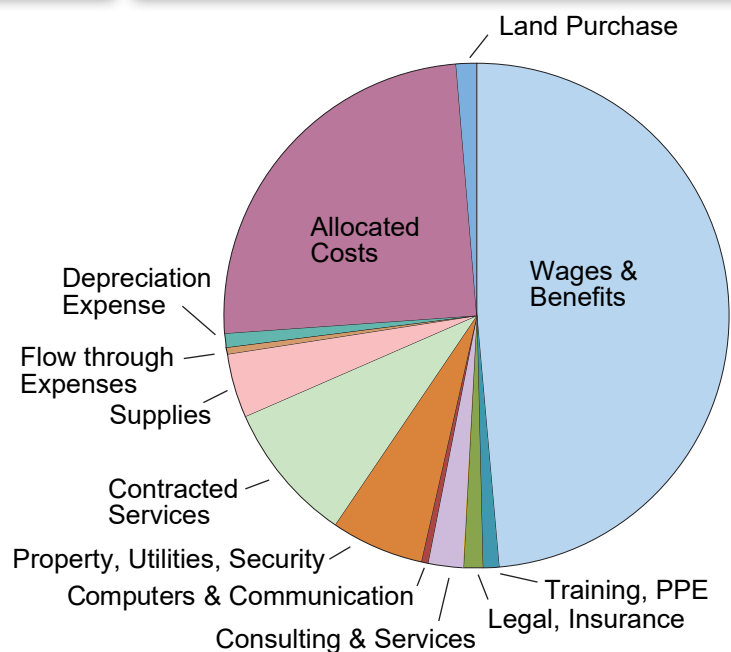
## Approved Budget Lands and Facilities

	Approved 2021 Budget	Approved 2022 Budget	% Change from Last Year	Notes
<b>Funding</b>				
General Levies	739,238	804,831	8.9%	
Contracts	872,157	1,006,400	15.4%	
User Fees	2,000	2,000	0.0%	
All other incl. Deferred Revenues	44,639	37,911	-15.1%	
<b>Total Funding</b>	<b>1,658,034</b>	<b>1,851,142</b>	<b>11.6%</b>	
<b>Expenditures</b>				
Wages and Benefits	875,458	921,360	5.2%	
Training, PPE, Travel Reimbursements	19,200	19,200	0.0%	
Legal, Audit, Insurance, Banking	19,825	23,090	16.5%	
Advertising and Promotion	1,350	1,350	0.0%	
Consulting and Services	42,000	42,000	0.0%	
Computers and Communications	7,800	7,800	0.0%	
Property, Utilities, Security	112,600	112,600	0.0%	
Contracted Services	70,000	170,000	142.9%	Includes lands assesement costs
Supplies	77,600	77,600	0.0%	
Flow through Expenses	8,000	8,000	0.0%	
Depreciation Expense	17,572	17,572	0.0%	
Allocated Costs	472,728	469,927	-0.6%	
Land Purchase	-	25,000	100.0%	Dorchester area parcel
<b>Total Expenditures</b>	<b>1,724,133</b>	<b>1,895,499</b>	<b>9.9%</b>	
<b>Surplus (Deficit) from these budgets</b>	<b>(66,099)</b>	<b>(44,357)</b>		

### FUNDING



### EXPENDITURES



# Providing Natural Spaces and Recreational Opportunities

## Conservation Areas

### What We Do

- Create value for the environment by providing recreational opportunities and facilities on 3200 hectares of conservation lands at Fanshawe, Wildwood and Pittock Conservation Areas for 650,000 visitors annually. These lands were acquired for the development of flood control reservoirs and also serve as multi-purpose recreational facilities.
- Provide safe access to UTRCA-owned lands and permitted activities, and improved access to facilities such as docks, boat launches, and trails.
- Participate in local job fairs and employ 60 seasonal staff annually to operate the recreational areas.



### Examples

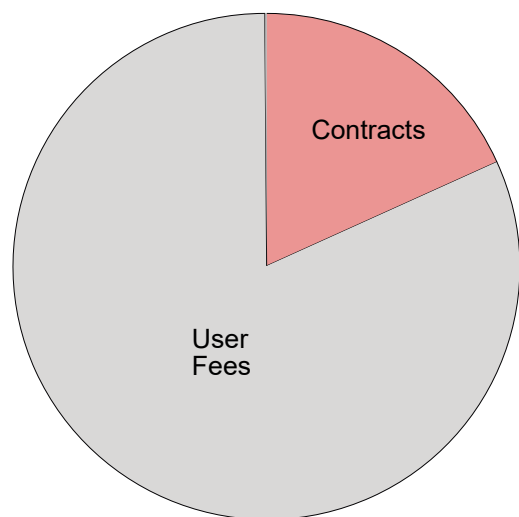
- Provide more than 1300 seasonal and nightly camping sites, including back country camp sites
- Maintain more than 50 km of trail systems for biking, hiking and nature appreciation
- Provide water-based recreational opportunities including rental equipment
- Offer a variety of special events and environmental programs in partnership with local organizations
- Day use opportunities including picnic areas, playgrounds and pavilion rentals, disc golf, geocaching, sand volleyball, yoga classes
- Oversee and administer lease agreements for properties and structures, including:
  - o More than 20 clubs that engage in recreational activities at Fanshawe, Wildwood, and Pittock Conservation Areas
  - o 80 cottages at two locations
- Assistance with the delivering of the recreational hunting program with Lands and Facilities Unit
- Assist with a range of other UTRCA activities and programs, including:
  - o Flood control operations and snow course readings
  - o Providing and maintaining land base for Community Education programs
  - o Grounds maintenance and snow removal for the Watershed Conservation Centre
  - o Tree storage and pick up locations for tree planting programs
  - o Memorial forests and dedication services
- Land Management Agreement with the City of Woodstock for portions of the north shore and the entire south shore of Pittock Reservoir as well as the walkway across Pittock Dam
- Use our conservation areas as demonstration sites for other programs and services offered by the UTRCA (e.g., green infrastructure rain garden, fish habitat creation, shoreline erosion solutions)
- Ensure conservation area lands comply with applicable legislation
- Set annual goals and implement strategies to continue improving and expanding services and opportunities

# 2022 Approved Budget

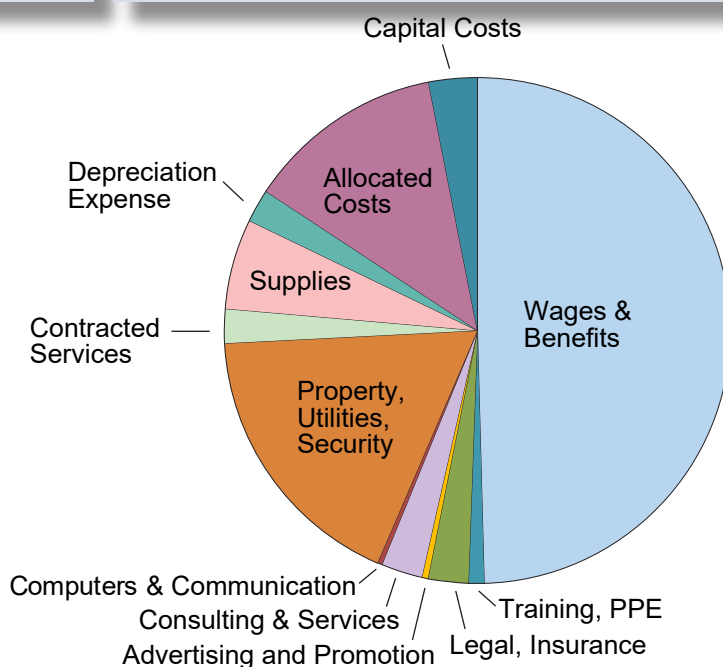
## Approved Budget Conservation Areas

	Approved 2021 Budget	Approved 2022 Budget	% Change from Last Year	Notes
<b>Funding</b>				
Contracts	806,148	863,845	7.2%	
User Fees	3,453,733	3,871,302	12.1%	Fees increase included
All other incl. Deferred Revenues	-	5,840	100.0%	
<b>Total Funding</b>	<b>4,259,881</b>	<b>4,740,987</b>	<b>11.3%</b>	
<b>Expenditures</b>				
Wages and Benefits	2,053,172	2,408,916	17.3%	Planned staffing to return to pre-COVID levels
Training, PPE, Travel Reimbursements	46,200	49,700	7.6%	
Legal, Audit, Insurance, Banking	100,100	124,379	24.3%	Legal and insurance expected higher in 2022
Advertising and Promotion	24,809	18,700	-24.6%	
Consulting and Services	131,000	130,000	-0.8%	
Computers and Communications	15,289	14,900	-2.5%	
Property, Utilities, Security	787,822	860,265	9.2%	
Contracted Services	105,000	107,000	1.9%	
Supplies	264,300	280,300	6.1%	
Depreciation Expense	85,601	102,815	20.1%	Reflects replacement vehicles
Allocated Costs	624,888	615,179	-1.6%	
Mission Centre Capital Costs	194,000	150,000	-22.7%	Electrical Infrastructure Improvement Project
<b>Total Expenditures</b>	<b>4,432,181</b>	<b>4,862,154</b>	<b>9.7%</b>	
<b>Surplus (Deficit) from these budgets</b>	<b>(172,300)</b>	<b>(121,167)</b>		

### FUNDING



### EXPENDITURES



# Empowering Communities and Youth

## Community Partnerships

### What We Do

- Create value for a healthy environment by providing opportunities to experience and learn about conservation.
- Motivate watershed residents to adopt stewardship actions that protect and restore the environment, by facilitating access to environmental and conservation information, and involvement in stewardship activities.
- Build capacity in local communities by providing hands-on learning opportunities to address local environmental concerns.

### Examples

- Motivate watershed residents to adopt stewardship actions that mitigate the impacts of Climate Change by facilitating access to environmental and conservation information, and involvement in stewardship activities
- Facilitate watershed “Friends of” groups, NGOs, community and neighbourhood groups, and service clubs in addressing local environmental concerns, planning and implementing enhancement projects, and building resiliency. Ongoing partnerships in the Medway, Cedar, Ingersoll Corridor, Stoney, and Forks watersheds, as well as the Dorchester Mill Pond, create wetlands and trails, restore streams, and plant thousands of trees with hundreds of community volunteers each year.
- Help landowners, community groups, and municipalities access funding for environmental projects
- Facilitate involvement of the community, industry, and corporations in environmental clean ups and community events
- Provide a range of curriculum-based environmental education programs and hands-on resource management opportunities in local natural areas, in class, and virtually to over 20,000 students and community groups each year (e.g., stream health monitoring, stream rehabilitation, Watershed Report Card program, Nature School, Wetlands Education program)
- Partner with watershed school boards to develop and offer curriculum-based environmental education programs, including focus on flooding, storm water, and water safety programs, secondary school environmental program certifications, as well as installing Low Impact Development (LID) projects at local schools
- Partner with the private sector (e.g., Toyota, Start.ca, GM, Cargill Cares, Ontario Power Generation, service clubs) to offer programs such as GREEN Leaders Program, Watershed Report Card, Wetlands Education, and River Safety
- Build partnerships with First Nation communities and integrate Traditional Ecological Knowledge into programming
- Partner with service clubs and community funders to offer accessible programming, River Safety education programs, and Nature Nearby family hikes in local natural areas
- Assist communities in learning about and implementing low impact development (LID) for storm water projects, including hosting professional development and training and offering the Stream of Dreams storm water education program
- Partner with the City of Woodstock to re-naturalize Burgess Park and restore the Brick Ponds Wetland Complex
- As a member of the Oxford County Trails Council, assist with developing and promoting trails throughout Oxford County, while protecting and enhancing natural heritage within trail corridors
- Coordinate the 2021 Perth County and the 2022 Oxford County Children’s Water Festivals

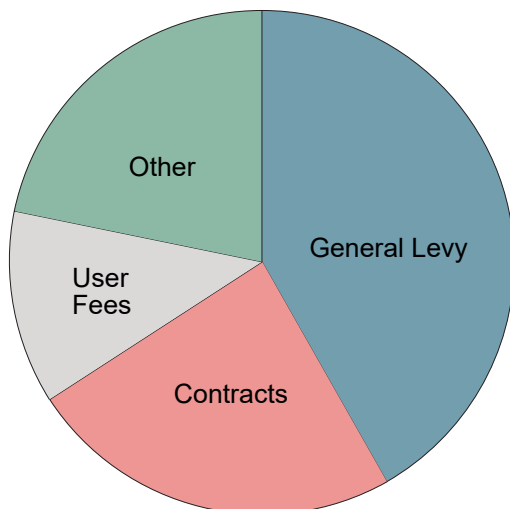


# 2022 Approved Budget

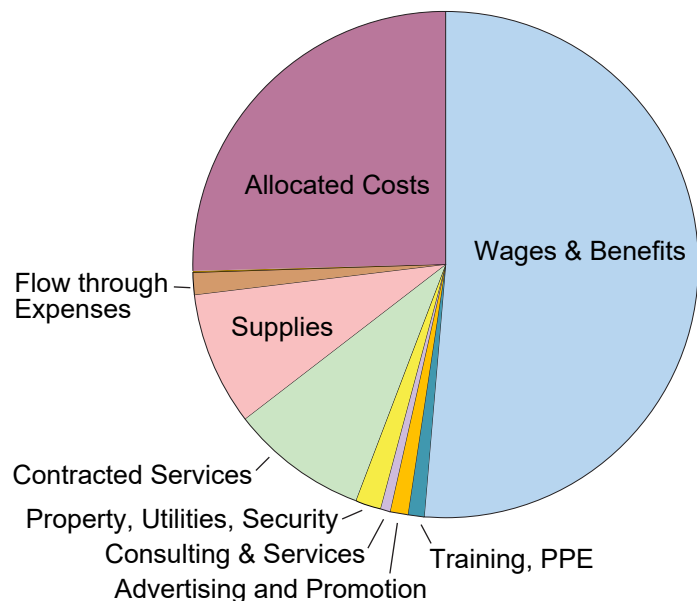
## Approved Budget Community Partnerships

	Approved 2021 Budget	Approved 2022 Budget	% Change from Last Year	Notes
<b>Funding</b>				
General Levies	847,446	628,361	-25.9%	
Contracts	523,754	363,000	-30.7%	
User Fees	138,750	186,500	34.4%	
All other incl. Deferred Revenues	518,479	327,091	-36.9%	Includes some Targets Levy
<b>Total Funding</b>	<b>2,028,429</b>	<b>1,504,952</b>	<b>-25.8%</b>	
<b>Expenditures</b>				
Wages and Benefits	835,809	788,033	-5.7%	
Training, PPE, Travel Reimbursements	35,500	15,900	-55.2%	
Advertising and Promotion	17,681	17,200	-2.7%	
Consulting and Services	76,950	10,200	-86.7%	
Computers and Communications	16,500	-	0.0%	
Property, Utilities, Security	25,500	24,900	-2.4%	
Contracted Services	142,752	134,412	-5.8%	
Supplies	156,100	131,300	-15.9%	
Flow through Expenses	1,100	21,100	1818.2%	
Depreciation Expense	1,442	1,442	0.0%	
Allocated Costs	456,366	389,818	-14.6%	
<b>Total Expenditures</b>	<b>1,765,700</b>	<b>1,534,305</b>	<b>-13.1%</b>	
<b>Surplus (Deficit) from these budgets</b>	<b>262,729</b>	<b>(29,353)</b>		

### FUNDING



### EXPENDITURES



# Providing Corporate and Communications Support to Programs, Staff and Directors

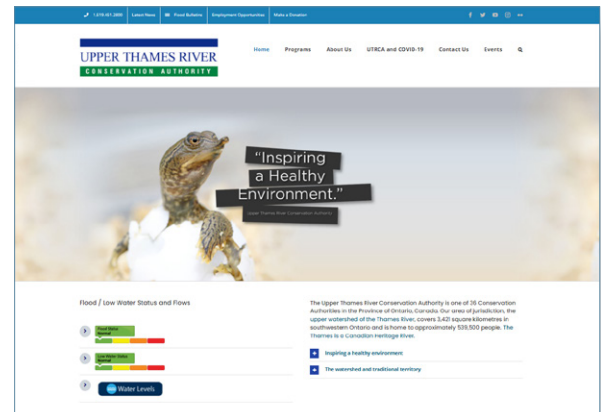
## Service Cost Centre Budget Corporate and Support Services

### What We Do

- Provide finance, human resources, administrative, and marketing, and communications support for the UTRCA's staff, Board of Directors, and programs. Corporate Services costs are allocated among the programs of the UTRCA.
- Ensure cost-effective programs and accountability to the community, partners, and municipal and senior governments.
- Inform staff, members, stakeholders, and the public of the UTRCA's programs and policies.
- Maintain competent, highly trained, safe, and motivated staff to implement the UTRCA's programs.
- Maintain efficient systems and equipment to support the organization.

### Examples

- Corporate and strategic planning, governance policy development, and implementation
- Financial control support including development of procedures, systems integration, and efficiency projects such as internal audit practices
- Human resources administration, benefits administration
- Payroll and health and safety initiatives
- Implementing recommendations from the Workplace Violence Risk Assessment
- Administrative, clerical, systems, communications, and graphic design support
- Engage communities of interest through interactive social media channels
- Assess community needs and opportunities through communications and marketing
- Provide information products including websites, GIS mapping, Geoportal, and printed materials to watershed residents, the Board of Directors, and staff
- Professional development opportunities
- Coordinate community volunteers

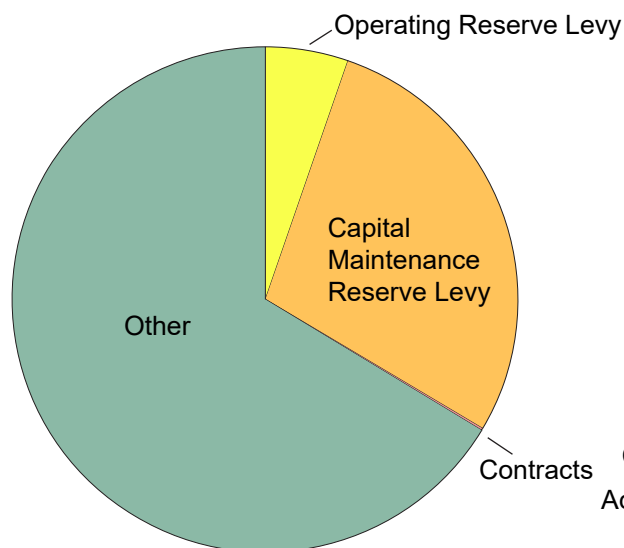


# 2022 Approved Budget

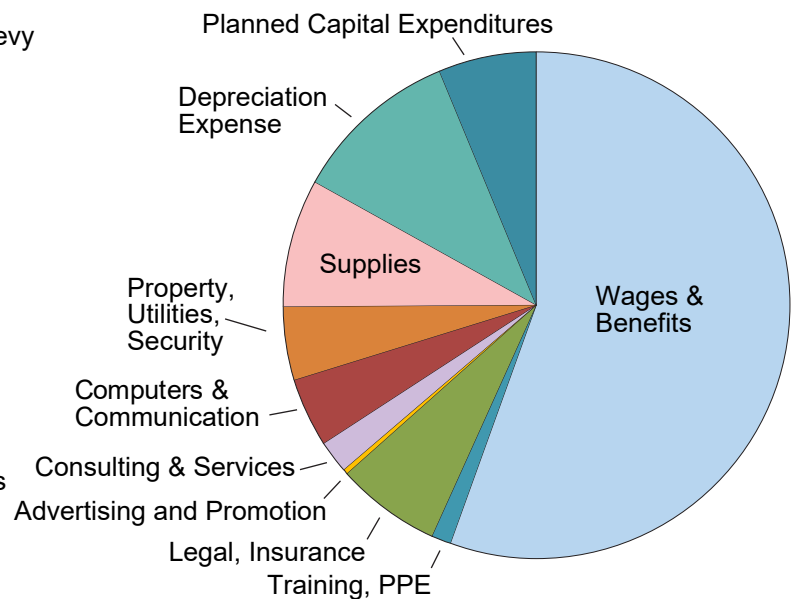
## Approved Budget Corporate and Support Services

	Approved 2021 Budget	Approved 2022 Budget	% Change from Last Year	Notes
<b>Funding</b>				
General Levies	-	-	0.0%	
Operating Reserve Levy	34,014	34,692	2.0%	
Capital Maintenance Reserve Levy	178,626	183,627	2.8%	
Contracts	500	500	0.0%	
All other incl. Deferred Revenues	175,157	431,828	146.5%	Includes \$300K investment gains
<b>Total Funding</b>	<b>388,297</b>	<b>650,647</b>	<b>67.6%</b>	
<b>Expenditures</b>				
Wages, Benefits, Per Diems	2,160,126	2,354,135	9.0%	Some FTE transferred from Lands and Facilities
Training, PPE, Travel Reimbursements	43,610	52,410	20.2%	
Legal, Audit, Insurance, Banking	247,849	283,142	14.2%	Includes 22% insurance increase
Advertising and Promotion	10,315	15,000	45.4%	
Consulting and Services	108,000	87,000	-19.4%	
Computers and Communications	224,900	185,750	-17.4%	
Property, Utilities, Security	185,396	198,696	7.2%	
Supplies	327,532	347,932	6.2%	
Depreciation Expense	450,980	450,862	-0.0%	
Allocated Costs	(3,603,051)	(3,507,906)	0.0%	
Planned Capital Expenditures	201,000	265,000	31.8%	Vehicles, computers, electrofisher
<b>Total Expenditures</b>	<b>356,657</b>	<b>732,021</b>	<b>105.2%</b>	
<b>Surplus (Deficit) from these budgets</b>	<b>31,640</b>	<b>(81,374)</b>		

### FUNDING



### EXPENDITURES



## Approved Municipal Levy

			Current Year Operations											
			General Levy		Operating Reserve Levy		Dam and Flood Control Levy		Specific Project Funding		Total Municipal Operational Funding		Year over Year Increase	
Municipality	2021 CVA	2022 CVA	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	\$	%
Oxford County	16.7232	16.8428	677,025	696,731	5,688	5,843	260,785	282,875			943,498	985,449	41,951	4.4%
London	64.2139	64.2416	2,599,644	2,657,463	21,842	22,288	1,060,981	1,131,355	106,050	109,232	3,788,517	3,920,337	131,820	3.5%
Lucan Biddulph	0.3434	0.3468	13,902	14,346	117	120	2,587	2,953			16,606	17,419	813	4.9%
Thames Centre	3.2227	3.1857	130,468	131,782	1,096	1,105	29,576	32,425			161,140	165,312	4,172	2.6%
Middlesex Centre	2.3789	2.3789	96,308	98,407	809	825	17,919	20,256			115,036	119,488	4,452	3.9%
Stratford	7.2867	7.2417	294,996	299,565	2,478	2,512	94,456	102,579			391,930	404,656	12,726	3.2%
Perth East	1.4489	1.4232	58,658	58,873	493	494	13,514	14,719			72,665	74,086	1,421	2.0%
West Perth	1.4898	1.4873	60,313	61,525	507	516	52,583	55,381			113,403	117,422	4,019	3.5%
St. Marys	1.458	1.4482	59,026	59,907	496	502	33,744	35,264			93,266	95,673	2,407	2.6%
Perth South	1.2295	1.2009	49,775	49,677	418	417	9,261	10,225			59,454	60,319	865	1.5%
South Huron	0.205	0.2028	8,299	8,389	70	70	1,544	1,726			9,913	10,185	272	2.7%
Zorra	0	0	-	-	-	-	8,500	8,500			8,500	8,500	-	0.0%
South-West Oxford	0	0	-	-	-	-	5,610	5,610			5,610	5,610	-	0.0%
TOTAL	100	100	4,048,414	4,136,665	34,014	34,692	1,591,060	1,703,868	106,050	109,232	5,779,538	5,984,457	204,919	3.5%
Contribution to increase				43%		-		55%		2%				

Capital Investments								
Capital Maintenance		Flood Control Capital Levy			Total Municipal Capital Funding		Year over Year Increase	
2021	2022	Structure	2021	2022	2021	2022	\$	%
29,872	30,928	Pittock Dam, Ingersoll Channel	100,000	29,879	129,872	60,807	(69,065)	-53.2%
114,704	117,966	Total Structures <sup>1</sup>	381,156	733,348	495,860	851,314	355,454	71.7%
613	637				613	637	24	3.9%
5,757	5,850				5,757	5,850	93	1.6%
4,249	4,368				4,249	4,368	119	2.8%
13,016	13,298	RT Orr Dam		-	13,016	13,298	282	2.2%
2,588	2,613				2,588	2,613	25	1.0%
2,661	2,731	Mitchell \$20K Fullarton \$5K	19,500	25,000	22,161	27,731	5,570	25.1%
2,604	2,659	Wildwood Dam	30,723	45,000	33,327	47,659	14,332	43.0%
2,196	2,205				2,196	2,205	9	0.4%
366	372				366	372	6	1.6%
		- Harrington \$5K Embro \$1.5K	6,500	6,500	6,500	6,500	-	0.0%
		-			-	-	-	
178,626	183,627		537,879	839,727	716,505	1,023,354	306,849	42.8%

Total Municipal Funding for Operations and Capital		Year over Year Increase	
2021	2022	\$	%
1,073,370	1,046,256	(27,114)	-2.5%
4,284,377	4,771,651	487,274	11.4%
17,219	18,056	837	4.9%
166,897	171,162	4,265	2.6%
119,285	123,856	4,571	3.8%
404,946	417,954	13,008	3.2%
75,253	76,699	1,446	1.9%
135,564	145,153	9,589	7.1%
126,593	143,332	16,739	13.2%
61,650	62,524	874	1.4%
10,279	10,557	278	2.7%
15,000	15,000	-	0.0%
5,610	5,610	-	0.0%
6,496,043	7,007,811	511,768	7.9%

### <sup>1</sup>Total Structures - City of London:

Structure	\$ 2021	\$ 2022
Fanshawe Dam	25,000	87,500
Wildwood & Pittock Dams	100,000	80,848
Erosion Control	-	300,000
London Dykes	256,156	265,000
Total London Structures	381,156	733,348

## Approved Dam and Flood Control Levy: Details

Municipality	CVA Rates						Special Benefitting Rates										Total Dam and Flood Control Levy	
			Forecasting, Planning & Technical Studies		Small Holdings		Wildwood Dam			Pittock Dam			100% Structures and Projects					
	2021	2022	2021	2022	2021	2022	%	2021	2022	%	2021	2022		2021	2022	2021	2022	
Oxford County	16.7232	16.8428	121,574	138,866	1,146	1,194	1.01	1,416	1,439	62.11	113,649	117,641	Ingersoll Channel	23,000	23,735	260,785	282,875	
London	64.2139	64.2416	466,822	529,660	4,399	4,555	83.85	118,362	119,385	36.75	67,258	69,615	Total Structures <sup>2</sup>	404,140	408,140	1,060,981	1,131,355	
Lucan Biddulph	0.3434	0.3468	2,496	2,859	24	25	0.02	29	30	0.02	38	39				2,587	2,953	
Thames Centre	3.2227	3.1857	23,428	26,265	221	226	0.19	273	272	0.19	354	362	Dorchester Mill Pond and CA Dams (\$2,650 ea)	5,300	5,300	29,576	32,425	
Middlesex Centre	2.3789	2.3789	17,294	19,614	163	169	0.14	201	203	0.14	261	270				17,919	20,256	
Stratford	7.2867	7.2417	52,973	59,706	499	514	0.43	617	619	0.43	800	823	RT Orr Dam (\$37,329) and Channel (\$2,588)	39,567	40,917	94,456	102,579	
Perth East	1.4489	1.4232	10,533	11,734	99	101	0.09	123	122	0.09	159	162	Shakespeare Dam	2,600	2,600	13,514	14,719	
West Perth	1.4898	1.4873	10,831	12,263	102	105	0.09	126	127	0.09	164	169	Mitchell Dam (\$40,117), Fullarton Dam (\$2600)	41,360	42,717	52,583	55,381	
St. Marys	1.458	1.4482	10,599	11,940	100	103	14.09	19,885	20,056	0.09	160	165	St. Marys Floodwall	3,000	3,000	33,744	35,264	
Perth South	1.2295	1.2009	8,938	9,901	84	85	0.07	104	103	0.07	135	136				9,261	10,225	
South Huron	0.205	0.2028	1,490	1,672	14	14	0.01	17	17	0.01	23	23				1,544	1,726	
Zorra				-		-			-			-	Harrington & Embro Dams	8,500	8,500	8,500	8,500	
South-West Oxford				-		-			-			-	Centreville Dam	5,610	5,610	5,610	5,610	
TOTAL	100	100	726,978	824,480	6,851	7,091	100	141,153	142,373	100	183,001	189,405		533,077	540,519	1,591,060	1,703,868	

### <sup>2</sup>Total Structures - City of London:

Structure	\$ 2021	\$ 2022
Fanshawe Dam	356,140	356,140
Springbank Dam	10,000	10,000
London Dykes/ Erosion Control	38,000	42,000
Total London	404,140	408,140

**2022**  
**Approved Budget**  
**February 17, 2022**