



Board of Directors Meeting

A G E N D A

December 13, 2018

2:00 p.m.

Administration Building

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13. Adjournment

We will begin by acknowledging that the land on which we gather is the traditional territory of First Nations people who have longstanding relationships to the land, water and region of southwestern Ontario. We also acknowledge the local lower Thames River watershed communities of this area which include Chippewa's of the Thames First Nation, Oneida Nation of the Thames, Munsee Delaware Nation and Delaware Nation at Moraviantown. We value the significant historical and contemporary contributions of local and regional First Nations and all of the Original peoples of Turtle Island (North America). We are thankful for the opportunity to live, learn and share with mutual respect and appreciation.

5. Approval of Previous Meeting Minutes

5.1) Board of Directors Meeting Minutes – October 18, 2018



Board of Directors Meeting

MINUTES

A meeting of the Lower Thames Valley Conservation Authority's Board of Directors was held at the LTVCA Administration Building in Chatham at 2:00 P.M. on Thursday, October 18, 2018. The following directors were in attendance: L. McKinlay, H. MacDonald, D. McKillop, G. Bogart, M. Bodnar, T. Thompson, J. Kavelaars, R. Doane and S. Caveney. M. Smibert and L. Leclair sent their regrets. S. Pinsonneault was absent.

1. First Nations Acknowledgement
2. Call to Order
3. Adoption of Agenda

1. H. MacDonald – J. Kavelaars

Moved that the agenda be adopted as amended, with two additional items to be added under Section 12. Other Business: 12.1) 6th Street Dam repairs noted by T. Thomson; and, 12.2) implications of legalization of marijuana in our conservation areas noted by D. McKillop.

CARRIED

4. Disclosures of Conflicts of Interest

None noted.

5. Approval of Previous Meeting Minutes (Previously circulated)

2. G. Bogart – M. Bodnar

Moved that the minutes of the meeting of August 23, 2018 be approved, as amended.

CARRIED

6. Business Arising From the Minutes

None declared.

7. Presentations

7.1) Jason Wintermute provided a Power Point Presentation to the Board of Directors on the Ingress / Egress Issues & Mitigation project at Lighthouse Cove and how CA staff were working with the Municipality to come up with solutions.

7.2) Bonnie Carey provided the Board of Directors with a Power Point Presentation on the CA Tent at the International Plowing Match.

3. D. McKillop – M. Bodnar

Moved that the presentations provided by J. Wintermute and B. Carey be receive for information.

CARRIED

8. Business for Approval

8.1) Administrative By-law, Code of Conduct, Conflict of Interest Guidelines and Procedure for Election of Officers

The third and final reading of the LTVCA's Administrative By-law, Code of Conduct, Conflict of Interest Guidelines and Procedure for Election of Officers was reviewed at the meeting and subsequently passed by the Board of Directors on October 18th, 2018 and will be known as By-law number 2018-01.

4. R. Doane – H. MacDonald

Moved that By-law 2018-01 as amended and dated October 2018 be read for a third time; and that all previous policies and by-laws referring to items found within this by-law are hereby repealed; and that By-law 2018-01, dated October 2018 be approved, By-law number 2018-01 shall come into force on the 18th day of October, 2018.

CARRIED

5. S. Caveney – G. Bogart

Moved that, the Code of Conduct, dated October 18, 2018, the Conflict of Interest Guidelines, dated October 18, 2018, and the Procedure for Election of Officers, dated October 18, 2018 be approved.

CARRIED

8.2) Budget vs Revenue and Expenditures for the period ending August 31st, 2018

T. Casier presented the budget vs revenue and expenditures for the period ending on August 31st, 2018 to the Board of Directors.

6. R. Doane – S. Caveney

Moved that the Board of Directors receives the Budget vs Revenue and Expenditures report for the period ended August 31st, 2018.

CARRIED

8.3) 2019 Preliminary Budget

T. Casier presented the 2019 preliminary budget guidelines to the Board of Directors. Errors in the staff report were noted and the report will be amended for the official record.

7. R. Doane – S. Caveney

Moved that the 2019 preliminary budget totalling \$3,205,524 be adopted, and that the member municipalities be advised of the budget and their share of the proposed levy as calculated; it being noted that the Authority is required to provide 30 days' notice of its intention to adopt a final budget and levy.

CARRIED

8.4) Risk Management Plan

Mark Peacock gave a presentation to the Board of Directors on the Risk Management Plan for the LTVCA. The goal will be to help keep costs down with our insurance provider and providing the Authority with a valuable risk management tool. D McKillop asked if a copy will be made available on-line. A copy will be available via the Authority's webpage.

8. G. Bogart – M. Bodnar

Moved that the Lower Thames Valley Conservation Authority Risk Management Plan be approved and used as a tool for planning and budgeting purposes.

CARRIED

8.5) 2019 Fee Schedule

9. D. McKillop – G. Bogart

Moved that the LTVCA Board of Directors approve the 2019 Conservation Areas Fee Schedule; and that Board of Directors approves the 2019 Regulation and Planning Fee Schedule increases.

CARRIED

9. Business for Information

- 9.1) Water Management
- 9.2) Regulations and Planning
- 9.3) Conservation Areas
- 9.4) Conservation Services
- 9.5) Community Relations
- 9.6) Conservation Authority Education
- 9.7) Ska-Nah-Doht Advisory Committee Minutes
- 9.8) Joint Health & Safety Committee Meeting Minutes
- 9.9) Wheatley Two Creeks Association Minutes
- 9.10) GM's Report

10. H. MacDonald – S. Caveney

Moved that report items 9.1) through to 9.10) be received for information.

CARRIED

10. Correspondence

10.1) Special Audit of the Niagara Peninsula Conservation Authority, Auditor General's Report

10.2) New method to remove phosphorus from wastewater

11. R. Doane – S. Caveney

Moved that correspondence items 10.1) through to 10.2) be received for information.

CARRIED

11. Events Calendar

12. J. Kavelaars – G. Bogart

Moved that the Events Calendar items be received for information.

CARRIED

12. Other Business

12.1) 6th Street Dam Repairs

T. Thomson asked what was being done around the issues at the 6th Street Dam. J. Wintermute and M. Peacock filled the Board in on discussions that have occurred with CK's Municipal Drainage Department as well as the former site supervisor for the project. There is a water seepage issue on the south side of the structure behind the sheet steel pile wall. After the February 2018 flood event passed, the ground around the area where seepage was noted resulted in a subsidence of the ground. An investigation is needed to see what is happening to ensure the structural integrity of the dam and future operations.

13. T. Thompson – S. Caveney

Moved that staff move forward with the investigation process and potential repairs to the 6th Street Dam, with assistance from the Chatham-Kent Drainage Department, and that a budget of \$30,000.00 be endorsed subject to staff review of proposed works and approval by the CAO/Secretary-Treasurer.

CARRIED

12.2) Legalization of Marijuana and Conservation Areas

D. McKillop inquired as to the status of the Authority's policies around use of cannabis, particularly within the conservation areas. M. Peacock is reviewing our current policy for Drug and Alcohol use as it relates to personnel and will be reviewing other CA's policies on how to deal with it within the conservation areas. The government has noted that cannabis can be utilized anywhere cigarettes are, but there is the concern that cannabis has affects similar to alcohol (i.e. impairment). Each conservation area will be reviewed against what each municipality is doing within their jurisdiction so that conflicts do not arise.


13. Adjournment

14. R. Doane – J. Kaveiaars

Moved that the meeting be adjourned.

CARRIED

Linda McKinlay
Chair



Mark Peacock
General Manager/Secretary-Treasurer

7. Presentations

7.1) Strategic Plan Update

Mark Peacock will be providing a power point presentation with the following report and attached table to the agenda package on the progress of the LTVCA's Strategic Plan.

Date: December 13, 2018
Memo to: LTVCA Board of Directors
Subject: Progress Report – LTVCA Strategic Plan
From: Mark Peacock, P. Eng., C.A.O. / Secretary Treasurer

Strategy Purpose: The Purpose of the LTVCA Strategic Plan was to create a 5 year plan that provides clear direction for staff, board and watershed residents for the years 2016-2021. The Plan identified 12 Objectives and further initiatives to address those objectives. The Objectives are as follows:

Strategic Objectives: The following strategic objectives were developed to meet the LTVCA strategic themes. Each of these Objectives have a number of measurable deliverables.

Customer/Stakeholder Objectives

- 1) Strengthen and Increase Collaboration with Community Stakeholders
- 2) Increase Awareness of the Value of Good Watershed Stewardship
- 3) Strengthen Brand Recognition

Financial Objectives

- 4) Improve Transparency and Understanding of Financial Statements
- 5) Improve Capital Asset Management
- 6) Strengthen Staff Stability (financial stability, attraction & retention)

Internal Processes Objectives

- 7) Improve Internal Communications
- 8) Improve Internal Understanding of Roles & Responsibilities
- 9) Improve Conservation Areas Operations

Capacity Building Objectives

- 10) Improve Human Resources
- 11) Improve Training Opportunities for Staff
- 12) Strengthen Program Review Policy(s)

The attached tables detail how progress is being made on all initiatives recommended in the plan. The LTVCA is on track to complete all recommendations by the end of 2020.

Recommendation:

The LTVCA Strategic Plan Progress Report be received for information.

Respectfully Submitted
Mark Peacock, P. Eng.
C.A.O. / Secretary Treasurer

7.2) Seasonal Ice Management Update

Jason Wintermute will be providing the Board of Directors a power point presentation on the seasonal ice potential at the mouth of the Thames River.

7.3) Public Safety Review: LTVCA Dams

Mark Peacock will be providing a power point presentation with the report following in the Business for Approval section on the public safety review of the LTVCA's dam structures.

8. Business for Approval

8.1) Public Safety Review: LTVCA Dams

Date: December 13, 2018

Memo to: LTVCA Board of Directors

Subject: Public Safety Around LTVCA Dams

From: Mark Peacock, P. Eng. C.A.O. / Secretary Treasurer

Public Safety around LTVCA Dams

The Ministry of Natural Resources and Forestry has prepared a best management practices guideline to provide dam owners with guidance on the identification of public safety hazards associated with a dam, and the measures that can be taken by the owner to either eliminate or mitigate these hazards.

Addressing public safety around dams requires addressing both the physical structure and the dam's operation, particularly as it relates to discharging water. This includes associated upstream and downstream hazardous conditions resulting from the discharge of water.

Public safety measures implemented to eliminate or mitigate the public's exposure to hazards include physical barriers, operating controls, warning systems, signage as well as initiatives designed to raise public awareness and understanding of the potential hazards.

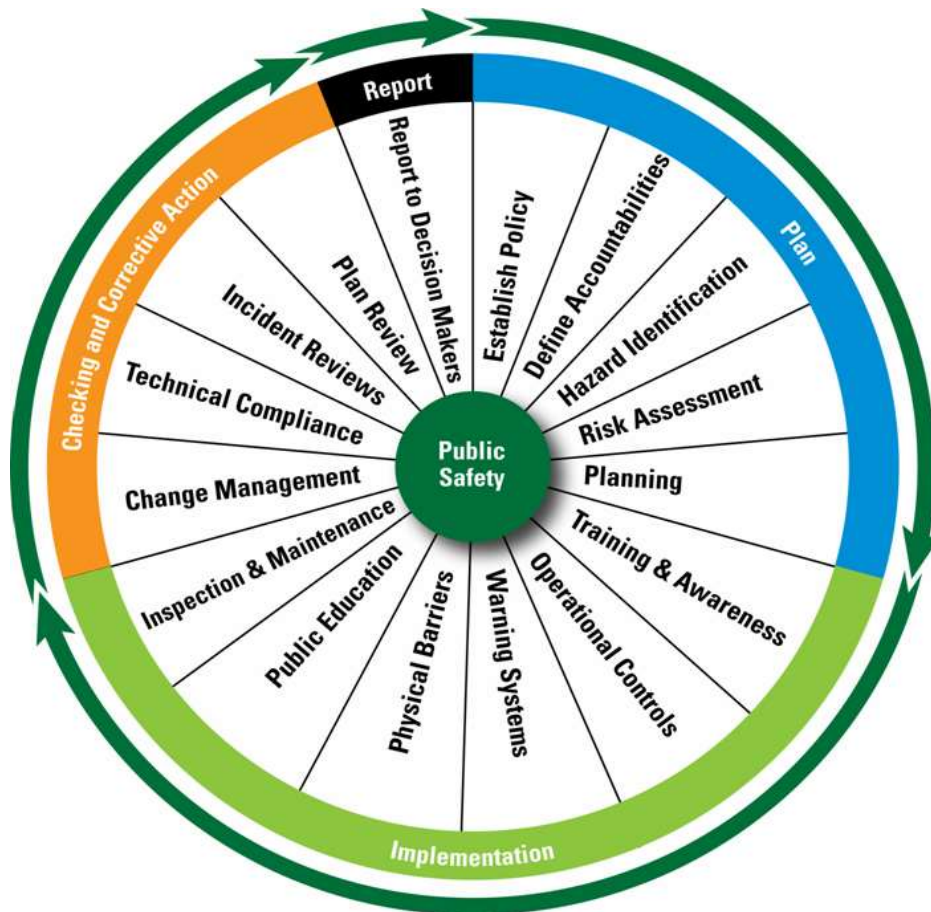
Dam safety has traditionally been associated with protecting the public from catastrophic failure resulting from unusual loading conditions and extreme events. However, an important aspect in meeting the principles regarding the safe management of dams throughout their life cycle is to guard the public from hazards associated with the dam and its operations.

Dam owners and operators should be aware of both known and potentially significant public safety hazards associated with these structures, their operation and how it impacts the surrounding area. Once these hazards have been identified, public safety measures, commensurate with the potential hazard, should be taken to either eliminate or mitigate the hazard.

The Dam owner (the LTVCA) is responsible for the safe operation and maintenance of LTVCA dams. Part of safe operation and maintenance is a responsibility to implement appropriate public safety measures to address potential exposure to hazards created by the dam and its operation.

The Public Safety Wheel

The LTVCA has adopted a managed system approach to address the potential hazards to the public that are associated with dams and their operations. The 'Public Safety Wheel' (Canadian Dam Association - Dam Safety Guidelines: Public Safety Around Dams Technical Bulletin), Figure 1 illustrates the elements of public safety management that involves planning, implementing, checking, revising and reporting. In adopting such an approach, the LTVCA has built into its management systems a cyclical process that insures follow up to any public safety issues. As part of the process, the LTVCA will undertake a routine review of the hazards and the measures taken to safe guard the public. This review is entitled the Public Safety Assessment.



Public Safety Assessment

The Lower Thames Valley Conservation Authority has undertaken a formal Public Safety Assessment (PSA) of the Sixth street Dam, The Sharon Creek Dam and the Rivard's Diversion Dam and their appurtenant facilities. Only minor public safety issues were found at the Sixth Street and Rivard's Diversion Dam. There were a few more significant issues found at the Sharon Creek Dam.

Results of Public Safety Assessments:

Rivard / Diversion Channel Dam – one minor hazard defined

Hazard #1

- No warning signage to the public at the dam's entrance gate and at safety railings

Action/ safety measure:

- Warning signage must be installed at the entrance gate and at railings

Assessment Recommendations

Based on field observations, it is concluded that there is no need for a Public Safety Plan to be prepared for the Rivard's Dam as there is limited public activity there and limited hazards.

Sixth Street Dam – five minor hazards defined

Hazard #1

- Fall hazard from dam walkway

Action/ safety measure:

- Proper guard railing is in place which is in compliance with Ontario Building Code – O. Reg. 332/12 9.8.8.5. Hence, no action is required

Hazard #2

- Fall hazard from stream banks

Action/ safety measure:

- Signage to warn public of the potential risk

Hazard #3

- Danger to boats and swimmers at dam inlets during pumping

Action/ safety measure:

- Signage at dam

Hazard #4

- Raised water upstream during a flood-event

Action/ safety measure:

- Signage at dam

Hazard #5

- Swift currents during pumping

Action/ safety measure:

- Signage at dam

Assessment Recommendations:

Since the safety measures required at the Sixth Street Dam for public safety are minor, it is recommended that there is no need for a Public Safety Plan to be prepared for the Sixth Street dam in order to address the identified hazards.

Sharon Dam – five hazards defined

The hazards associated with the design of the Sharon Creek Dam are:

Hazard #1

- Vertical fall (more than 3 meters) from the culvert of the emergency spillway

Action/ safety measure:

- Replace inadequate railings at emergency spillway – in 2019 budget

Hazard #2

- Vertical fall (more than 3 meters) from the wing walls at the stilling basin

Action/ safety measure:

- Replace inadequate railings at stilling basin – in 2019 budget

Hazard #3

- Vertical fall through the Morning Glory spillway

Action/ safety measure:

- Replace inadequate hazard signage with Canadian Dam Safety Association Approved Signage – completed in 2018

Hazard # 4

- Swift currents at the stilling basin may cause hydraulic jump during periods of high flow

Action/ safety measure:

- Replace inadequate railings at stilling basin – in 2019 budget

Assessment Recommendations

Due to the major hazards identified, a Public Safety Plan was recommended and prepared for the Sharon Creek dam in order to address the identified hazards, the results of which are shown above.

I would like to acknowledge the work of volunteer Engineer in Training Sarbjit (Tony) Singh in completing these Public Safety Reviews.

Recommendation:

That the LTVCA Board of Directors approve the Public Safety Assessments for the Rivard/Diversion Dam, Sixth Street Dam and Sharon Creek Dam. And additionally;

That the LTVCA Board approve the Sharon Creek Dam Public Safety Plan.

8.2) Budget vs Revenue and Expenditures for the period ending October 31st, 2018

Background:

Review the 2018 Budget to the Revenue and Expenditures for the 11 months ended November 30th, 2018.

Current Situation and Discussion:

REVENUE	2018 BUDGET	2018 BUDGET NOV PROJECTED		2018 ACTUAL TO NOV 30	\$ VARIANCE TO PROJECTED
GRANTS	893,663	819,191	*	1,226,041	406,850
GENERAL LEVY	1,405,668	1,405,668	^	1,405,668	0
DIRECT SPECIAL BENEFIT	205,000	205,000	^	205,000	0
GENERAL REVENUES	656,902	602,160	*	638,883	36,723
FOUNDATION GRANTS & REVENUES	7,000	6,417	*	0	(6,417)
RESERVES	11,204	10,270	*	0	(10,270)
CASH FUNDING	3,179,437	3,048,706		3,475,592	426,886
OTHER	0	0		147,375	147,375
TOTAL FUNDING	3,179,437	3,048,706		3,622,967	574,261

*-based on a 11 of 12 month proration of the budget

^-based on cash received to date

Grant income is greater than budget due to the reversal of deferred revenue for on-going programs, the timing of grants invoiced, including several large grants for Wetland projects and several new and increased grants like an increase in the Source Water Protection grant and an Environment & Climate Change Canada and Rondeau Bay Student Conference grant not included in the budget.

Note: Grant income is based on funds received/invoiced and not matched to expenses, meaning there may be expenses outstanding and not recognized in the attached expense statement. At year-end, each grant is reviewed individually and unspent funds are reduced from grant income and deferred for future expenditures.

Levy revenue is shown on a cash basis. All municipalities are paid in full.

General Revenue is above budget due to the following factors:

- Planning and Regulations fees is above budget due to increased demand; and Conservation Services and the Chatham Kent Greening Project are above budget as tree sales have been completed and the income received.

Foundation Grants and Revenues are below budget as there is normally a settlement for the memorial tree programs at the end of the year.

Reserves are zero as this account is used to balance the accounts at year-end if expenses are greater than revenues.

The 'Other' revenue item is due to the donation of a parcel of land.

EXPENSES	2018 BUDGET	2018 BUDGET NOV PROJECTED	2018 ACTUAL TO NOV 30	\$ VARIANCE TO PROJECTED
WATER MANAGEMENT				
FLOOD CONTROL STRUCTURES	190,674	174,785	127,809	(46,976)
EROSION CONTROL STRUCTURES	0	0	2,297	2,297
FLOOD FORECASTING AND WARNING	156,754	143,690	192,522	48,832
TECHNICAL STUDIES	72,120	66,110	8,538	(57,572)
PLANNING & REGULATIONS	225,526	206,732	174,191	(32,541)
WATERSHED MONITORING (PGMN)	102,760	94,197	89,704	(4,493)
SOURCE PROTECTION	24,664	22,609	29,974	7,365
THAMES MOUTH DEBRIS REMOVAL	1,204	1,104	1,234	130
Water Management Subtotal	773,702	709,227	626,269	(82,958)
CONSERVATION & RECREATION PROPERTIES				
CONSERVATION AREAS	638,084	584,910	653,548	68,638
COMMUNITY RELATIONS AND EDUCATION				
COMMUNITY RELATIONS	172,730	158,336	161,321	2,985
CONSERVATION EDUCATION	114,257	104,736	113,917	9,181
SKA-NAH-DOHT VILLAGE	229,094	210,003	172,931	(37,072)
Community Relations & Education Subtotal	516,081	473,075	448,169	(24,906)
CONSERVATION SERVICES/STEWARDSHIP				
CONSERVATION SERVICES (FORESTRY)	161,243	147,806	95,894	(51,912)
CHATHAM-KENT GREENING PROJECT	673,159	617,062	345,241	(271,821)
PHOSPHORUS REDUCTION	323,678	296,705	403,191	106,486
SPECIES AT RISK	93,490	85,699	99,250	13,551
Conservation Services/Stewardship Subtotal	1,251,570	1,147,272	943,576	(203,696)
CAPITAL/MISCELLANEOUS				
ADMINISTRATION BUILDING	0	0	0	0
REPAIRS/UPGRADES	0	0	0	0
UNION GAS CENTENNIAL PROJECT	0	0	0	0
EMPLOYMENT PROGRAMS (FED/PROV)	0	0	0	0
Capital/Miscellaneous Subtotal	0	0	0	0
TOTAL EXPENDITURES	3,179,437	2,914,484	2,671,562	(242,922)

Water Management

Flood Control Structures are below budget mostly due to the human resources required in Flood Forecasting for the February Flood, some large projects not having taken place and is slightly offset due to the increase electricity expenses incurred from the February flood.

Flood Forecasting and Warning expenses are above budget due to the costs and human resources required for the February flood.

Technical Studies and Planning and Regulations are below budget due to the February flood event and not having a GIS co-op student for most of the year.

Watershed Monitoring is below budget due to a water quality grant not being renewed as anticipated and reduced costs associated with that grant.

Source Protection is above budget due to the increased funding after the budget was completed.

Conservation Areas

Conservation area expenses are above budget due to the costs of opening and operation of the campgrounds, plus increased one time expenditures on signs for the conservation areas and increased expenditures at Sharon Creek to increase 2018 annual day use sales.

Note: There are \$19,000 of costs related to the donation of a conservation property that will be capitalized with the property and \$9,000 of capital asset expenditures that will be capitalized and amortized over the useful life of the assets.

Community Relations and Education

Community Relations is comparable to budget. Conservation Education is above budget mostly due to the Rondeau Bay Student Conference hosted by LTVCA. SKA-NAH-DOHT Museum and Village is below budget due to less staff time and large costs for the rebuild being incurred in the prior year with less expenditures required in the current year.

Conservation Services/Stewardship

Conservation Services (Forestry) and Chatham-Kent Greening expenses are below budget due to less large tree planting projects and less Rondeau Bay and Wetland projects. Rondeau Bay and Wetland projects and expenses will increase until all projects are complete, work can no longer be performed or all funds have been expended depending on the year.

Phosphorous Reduction is above budget due to several large purchases to fully utilize funds for programs ended Mar 31 and the costs related to the Environment & Climate Change Canada Grant not included in the budget.

Note: There are \$41,000 of capital asset expenditures for the GLASI program not included in this amount. They will be capitalized and amortized over the useful life of the assets.

Species at Risk is above budget due to several large purchases to fully utilize funds for programs ended Mar 31 and increased grants for summer student wages.

Administration

Administration building is comparable to budget.

Summary:

OPERATING SUMMARY

	2018 BUDGET	2018 BUDGET NOV PROJECTED	2018 ACTUAL TO NOV 30	\$ VARIANCE TO PROJECTED
TOTAL CASH FUNDING	3,179,437	3,048,706	3,475,592	426,886
TOTAL EXPENDITURES	3,179,437	2,914,484	2,671,562	(242,922)
OPERATING SURPLUS (DEFICIT)	0	134,222	804,030	669,808
LESS: ACQUISITION OF CAPITAL ASSET	0	0	(257,047)	(257,047)
NET CASH FUNDING SURPLUS (DEFICIT)	0	134,222	546,983	412,761

Note: The difference between the projected budget funding and projected budget expenditures is due to the recognition of the full General Levy and Special Levy versus all other income and expenses are prorated for the period.

At November 30th, 2018, LTVCA's operating surplus is quite favourable; however, there are several things to consider. A significant portion of the income for the year has been accounted for, there is potential for

outstanding expenses and deferred revenue in the grant income and there is still one month of wages and benefits and regular operating expenses until the end of the year.

Recommendation:

That the Board of Directors receives the Budget vs Revenue and Expenditures report for the period ended November 30th, 2018.

**8.3) A proposed or pending acquisition or disposal of land by the Authority,
In Camera Session**

9. Business for Information

9.1) Acknowledging Departing Staff Members

Karen Mattila and Randall Van Wagner will be providing a brief verbal acknowledgement of our departing staff members, Rose Nichols and Dan Brinkman.

9.2) Water Management

9.2.1) Flood Forecasting and Operations

There have been thirteen Watershed Condition Statements issued since the last Board of Directors Agenda was drafted. Eight of these messages were Safety Bulletins for the Lake Erie shoreline. Three of these were Flood Outlooks for the Lake Erie shoreline. The final two messages were Flood Outlooks for high water on local watercourses and the potential for having to operate the Indian-McGregor Creek Diversion Channel.

The Watershed Condition Statements for the shoreline were all targeted at Erie Shore Drive in Chatham-Kent, but areas all along the shoreline were also at risk from wave damage and erosion. Generally speaking, this year has not seen as severe flooding along Erie Shore Drive as last year. Although many messages are going out, the events seem to affect few properties. In some cases, it appears that measures private landowners have taken are helping with the flooding issue. There have also been increased concerns around the Rose Beach Line area in Chatham-Kent. In this area, the road has been closed due to shoreline erosion adjacent to the roadway. There have also been issues with sand being pushed up into the drains, blocking them and causing backup flooding. However, such issues are not limited to Rose Beach Line.

The messages issued for potential flooding on local watercourses including Indian and McGregor Creeks were issued on November 1st and December 1st. For the first event, the dam at the inlet of the Indian-McGregor Creek Diversion Channel was operated on the evening of November 1st until the morning of November 4th. Water levels at the gauge on Indian Creek at Hwy 40 reached around 85 cm above the threshold when the Diversion is to be operated. In the case of the December event, the weather forecasts were very off on their rainfall predictions, with the watershed only receiving 5-10 of the 30-35 mm predicted and as a result the Diversion Channel was not operated.

9.2.2) Flood Control Structures

The crucial water level gauge at 300 Grand Ave E. has now been replaced by Water Survey of Canada with assistance from staff at the LTVCA. The work was completed on November 27th. Installation of the associated rain gauge across the street at 315 Grand Ave. E. is still pending.

LTVCA staff have confirmed with the Ministry of Natural Resources and Forestry that an approval will be required under the Lakes and River Improvement Act for the repairs to be undertaken

around the 6th Street Backwater Dam. Fulfilling this requirement will delay the repairs until the new year. However, it is still anticipated that the work can be completed before the spring melt.

9.2.3) Low Water Response Program

During the spring, summer and autumn, brief reports outlining the watershed conditions as they relate to the Low Water Response Program are created by LTVCA staff. During the winter, as demand for water across the watershed is significantly less, these reports are not created. However, the Ministry of Natural Resources and Forestry does broad screening throughout the province all year long for the program. Based on that screening, the Lower Thames watershed was not in any type of low water condition.

9.2.4) Watershed Monitoring

Surface water quality monitoring continues at 22 sites throughout the watershed. The automated water quality monitoring station at McGregor Creek and Hwy 40 that was recently completed is also now being used for agricultural stewardship and phosphorous reduction projects. Now that the provincial budget and Ontario's Environment Plan have been released, provincial granting agencies are starting to look at program funding. Hopefully the LTVCA will hear back soon with regards to some of the Canada-Ontario Agreement (COA) on Great Lakes Water Quality and Ecosystem Health grant programs.

Sampling as part of the Provincial Groundwater Monitoring Network (PGMN) program is nearly complete. There had been a delay in sampling the last few wells due to weather and the requirements for other programs. However, it is anticipated that all of this year's sampling for the program should be completed in the second week of December.

9.3) Regulations and Planning

9.3.1) Section 28 Regulations /Permitting

Planning

From the first of October through to the end of November, there have been 54 planning submissions reviewed by staff with respect to Section 28 of the Conservation Authorities Act and Ontario Regulation 152/06.

Planning Numbers	2017 totals	2018 year to date totals	2018 Oct-Nov totals
Chatham-Kent	227	158	25
Elgin	86	73	13
Essex	29	42	6
Middlesex	57	45	10
Total Numbers	399	318	54

Permitting

Since the last board update on 18 October 2018 and up to and including 30 November 2018, staff have received an additional 58 permit applications with respect to Section 28 of the Conservation Authorities Act and Ontario Regulation 152/06. This year between 01 January 2018 and 30 November 2018, we have received a total of 267 permit applications. Of the 267 permit applications, all but one has been approved by staff. The table below summarizes the municipality of origin for Section 28 permit applications over the last four years:

Municipality	2015	2016	2017	2018 (up to Nov 30 th)
Chatham-Kent	128	160	179	175
Dutton Dunwich	15	27	8	15
Lakeshore	16	40	45	30
Leamington	3	3	6	6
London	0	0	0	0
Middlesex Centre	0	4	7	2
Southwest Middlesex	10	7	6	12
Southwold	10	6	5	7
Strathroy-Caradoc	3	3	3	2
West Elgin	9	18	12	18
Totals	194	268	271	267

Following two consecutive record breaking years, the number of permit applications for 2018 will, again, be a new record come the end of December. Due to the increasing number of permit application being received by the LTVCA, supplemental revenue from permit application fees is increasing – it is already higher than it has been in the past with one more month left in the year. The table below summarizes fees collected from Section 28 permit applications over the last eight years:

Year	Total Permit Fees Collected	Difference from 2018 (up to Nov 30 th)
2010	\$20,810	- \$37,390
2011	\$21,765	- \$36,435
2012	\$20,330	- \$37,870
2013	\$27,770	- \$30,430
2014	\$43,200	- \$15,000
2015	\$41,875	- \$16,325
2016	\$48,400	- \$9,800
2017	\$57,375	- \$825
2018	\$58,200	\$0

Below are some Section 28 Permitting statistics for 2018 up to and including 30 November 2018:

- 15 habitat/stewardship applications have been received and approved with their fees waived;
- 61 properties were surveyed for permit and official plan flood proofing requirements;
- 66% of all applications have been within Chatham-Kent and 11% have been within Lakeshore;
- 54% of the applications have been for private property owners for construction, shoreline protection repairs, and/or bank alterations;
- 36% of applications have been for municipal projects (drainage or infrastructure); and,
- Total of permit application fees = \$58,200.00 (average of \$217.98 per permit).

Property Inquiries

1,202 property inquiries (regulations technician's numbers only) have been received and responded to. Some of the reasons that staff receive property inquiries include:

- Realtors looking to sell a property and wanting to know any potential restrictions for future buyers.
- People purchasing property who want to know more about the site-specific hazards and regulations.
- Landowners wanting to learn about best management practices specific to their property.
- Landowners wanting specific information on what is permitted in regulated areas.
- Insurance companies looking for floodplain information.
- Municipal staff or utility companies planning future projects.

9.3.2) Section 28 Enforcement

35 additional Section 28 enforcement related complaints/violations have been received so far in 2018. They are considered "additional" as there are multiple on-going investigations and enforcement related work stemming back to 2014. Eight of the 35 complaints/violations arose in October and November. Of the 35 complaints/violations received so far in 2018, 26 are in Chatham-Kent, two are in Lakeshore, two are in Southwold, two are in West Elgin, one is in Southwest Middlesex, one is in Strathroy-Caradoc, and one is in Dutton Dunwich.

Staffing resources continue to be a problem when it comes to dealing with complaints and violations in a quick and effective manner as many enforcement files remain open. Where applicable, staff work with other municipal, provincial, and federal partners on joint investigations (where complaints or violations cover multiple laws or bylaws). Whenever another agency can handle the investigation on their own (better resources and better equipped), staff internally close the file as it relates to the Conservation Authorities Act violation.

9.3.3) O.Reg. 152/06 Permit Applications

Staff Report

O.Reg. 152/06 Permit Applications (2018)

B.D. 12/13/18

APP#	LOCATION	COMMUNITY/ TOWNSHIP	MUNICIPALITY	APP'N TYPE	DECISION
145-2018	6608 Talbot Trail	Raleigh	Chatham-Kent	Construction	Granted: Nov 21, 2018
211-2018	21 Renaissance Place	Chatham	Chatham-Kent	Construction	Granted: Oct 05, 2018
212-2018	22 Renaissance Place	Chatham	Chatham-Kent	Construction	Granted: Oct 05, 2018
213-2018	49 Tuscany Trail	Chatham	Chatham-Kent	Construction	Granted: Oct 05, 2018
214-2018	13580 Talbot Trail	Howard	Chatham-Kent	Alteration	Granted: Oct 10, 2018
215-2018	6570 Thompson Drive	Ekfrid	Southwest Middlesex	Construction	Granted: Oct 10, 2018
216-2018	Simcoe Lane	Chatham	Chatham-Kent	Construction	Granted: Oct 10, 2018
217-2018	8373 Middle Line	Raleigh	Chatham-Kent	Alteration	Granted: Oct 10, 2018
218-2018	35 Detroit Drive	Chatham	Chatham-Kent	Construction	Granted: Oct 10, 2018
219-2018	48 Albert Street	Shrewsbury	Chatham-Kent	Construction	Granted: Oct 11, 2018
220-2018	11535 Lagonda Way	Rondeau Bay Estates	Chatham-Kent	Construction	Granted: Oct 11, 2018
221-2018	32 William Street	Shrewsbury	Chatham-Kent	Construction	Granted: Oct 12, 2018
222-2018	4341 Tecumseh Line	Tilbury East	Chatham-Kent	Construction	Granted: Oct 12, 2018
223-2018	23186 Dillon Road	Raleigh	Chatham-Kent	Construction	Granted: Oct 19, 2018
224-2018	McKenzie Drain TW	Tilbury West	Lakeshore	Alteration	Granted: Oct 24, 2018
225-2018	5th Concession Road Drain Extension TN	Tilbury North	Lakeshore	Alteration	Granted: Oct 24, 2018
226-2018	Bert Pulley Drain	Mersea	Leamington	Alteration	Granted: Oct 12, 2018
227-2018	Stevenson Drain	Mersea	Leamington	Alteration	Granted: Oct 12, 2018
228-2018	Gardiner Drain	Ekfrid	Leamington	Alteration	Granted: Oct 16, 2018
229-2018	Hunt Drain	Southwold	Southwold	Alteration	Granted: Oct 23, 2018
230-2018	70 Albert Street	Shrewsbury	Chatham-Kent	Construction	Granted: Oct 30, 2018
231-2018	19015 Haven Avenue	Lighthouse Cove	Lakeshore	Construction	Granted: Oct 25, 2018
232-2018	3514 Talbot Trail	Romney	Chatham-Kent	Construction	Granted: Oct 30, 2018
233-2018	Charing Cross Road by Highway 401	Raleigh	Chatham-Kent	Construction	Granted: Oct 26, 2018
234-2018	138 Peel Street	Shrewsbury	Chatham-Kent	Construction	Granted: Oct 30, 2018
235-2018	5425 Tecumseh Line	Tilbury East	Chatham-Kent	Alteration	Granted: Oct 30, 2018
236-2018	Currie Drain	Ekfrid	Southwest Middlesex	Alteration	Granted: Oct 30, 2018
237-2018	Mahon Drain	Aldborough	West Elgin	Alteration	Granted: Oct 30, 2018
238-2018	Craford Drain	Raleigh	Chatham-Kent	Alteration	Granted: Oct 30, 2018
239-2018	Fojtik Drain & Pump Station	Raleigh	Chatham-Kent	Alteration	Granted: Oct 30, 2018
240-2018	25222 Graham Road	Aldborough	West Elgin	Alteration	Granted: Oct 31, 2018
241-2018	11461 Rondeau Drive	Rondeau Bay Estates	Chatham-Kent	Alteration	Granted: Oct 31, 2018
242-2018	Yauch Drain	Aldborough	West Elgin	Alteration	Granted: Oct 31, 2018
243-2018	Drake Road / 14th Line at Eltervoog Drain	Raleigh	Chatham-Kent	Alteration	Granted: Oct 31, 2018
244-2018	Bragg Drain	Chatham	Chatham-Kent	Alteration	Granted: Nov 01, 2018
245-2018	12991 Longwods Road	Camden	Chatham-Kent	Construction	Granted: Nov 07, 2018
246-2018	Admiral Drive	Lighthouse Cove	Lakeshore	Construction	Granted: Nov 08, 2018
247-2018	Balmer Routledge Drain	Howard	Chatham-Kent	Alteration	Granted: Nov 21, 2018
248-2018	Robertson Cornell Drain	Howard	Chatham-Kent	Alteration	Granted: Nov 21, 2018
249-2018	Reeder Drain	Howard	Chatham-Kent	Alteration	Granted: Nov 21, 2018
250-2018	Galbraith Drain	Harwich	Chatham-Kent	Alteration	Granted: Nov 23, 2018
251-2018	Martin Drain	Chatham and Dover	Chatham-Kent	Alteration	Granted: Nov 13, 2018
252-2018	Bisnett Drain	Harwich	Chatham-Kent	Alteration	Granted: Nov 13, 2018
253-2018	Internal Drain	Harwich	Chatham-Kent	Alteration	Granted: Nov 13, 2018

APP#	LOCATION	COMMUNITY/ TOWNSHIP	MUNICIPALITY	APP'N TYPE	DECISION
254-2018	Ramsdale Drain	Raleigh	Chatham-Kent	Alteration	Granted: Nov 22, 2018
255-2018	North Cadotte Pumping Works	Dover	Chatham-Kent	Alteration	Granted: Nov 26, 2018
256-2018	Mull Drain Branch	Harwich	Chatham-Kent	Alteration	Granted: Nov 07, 2018
257-2018	Campbell Drain	Harwich	Chatham-Kent	Alteration	Granted: Nov 22, 2018
258-2018	Kelly Drain	Harwich	Chatham-Kent	Alteration	Granted: Nov 23, 2018
259-2018	2436 Talbot Trail	Romney	Chatham-Kent	Construction	Granted: Nov 08, 2018
260-2018	41 Tuscany Trail	Chatham	Chatham-Kent	Construction	Granted: Nov 08, 2018
261-2018	Homestead Road over Talbot Creek	Dunwich	Dutton Dunwich	Alteration	Granted: Nov 23, 2018
263-2018	30 Tuscany Trail	Chatham	Chatham-Kent	Construction	Granted: Nov 23, 2018
264-2018	38 Tuscany Trail	Chatham	Chatham-Kent	Construction	Granted: Nov 23, 2018
265-2018	24793 Pioneer Line	West Lorne	West Elgin	Construction	Granted: Nov 28, 2018
266-2018	Wheatley Road over Campbell Sideroad	Romney	Chatham-Kent	Alteration	Granted: Nov 28, 2018
267-2018	Labadie Drain	Zone	Chatham-Kent	Alteration	Granted: Nov 29, 2018

Recommendation:

That permit applications #145-2018, #211-2018 to #261-2018, and #263-2018 to #267-2018 be received for information.

9.4) Conservation Areas

9.4.1) *October 1 – November 30 Visitation / Camping Stats*

Longwoods Road Conservation Area – 6,554 people (6,642 in 2017) (Includes 2 people per pay & display permit (transaction) Pay and Display Permits - 406 vehicles (414 in 2017)

E.M. Warwick Conservation Area – 320 people (370 in 2017)

Big Bend Conservation Area – 528 people (466 in 2017)

C.M. Wilson Conservation Area – 1,420 people (3,168 in 2017) (Includes 2 people per pay & display permit (transaction) Pay and Display Permits – 91 vehicles (131 in 2017)

Sharon Creek Conservation Area – 84 people

Season's Day Use Permits:

2018 SUMMARY

- 36 Staff/company vehicles
Directors, Village
- 18 Committee
- 58 sold MACKAY
- 19 sold at Admin
2nd vehicle permit for
5 above
- 48 sold at Longwoods
2nd vehicle permit for
1 above
- 43 Wilson Seasonal
- 0 Big Bend Seasonal
- 3 tenants - wilson/longwoods
- 13 Donated/Free/Giveaways

244 PERMITS Sold in 2018
(49 PERMITS Sold in 2017)

9.4.2) Conservation Areas

2019 Day Use Permits now available - photo taken by local professional photographer: Chad Barry

EM Warwick CA- new steel has been purchased to install on the Community Hall and the cabins. Hydro One has supplied wood chips for the trail. All new signage is complete throughout the Conservation Area.

Big Bend CA- hosted well over 100 hunters this fall which helped generate some dollars; staff delineated campsites with new numbered posts, campground map created for “Let’s Camp” software to allow for a more streamlined reservation system.

Ward CA- property successfully donated to LTVCA. Memorial boulder to be placed on site acknowledging the donation of land.

Longwoods Road CA- staff are working on installing an automated gate that will use the current pay and display machine as a means of controlling the entrance into the property.

CM Wilson CA- hydro upgrades to the campground are continuing, which will allow for more seasonal campers. Old trail safety hazards removed and trail redesigned, graded and signed. Campground washroom floors painted.

Signage- Middlesex County to install 8 new signs along Longwoods Road, for Big Bend, Sharon Creek and Longwoods Road CA’s. 2 new road signs for Two Creeks in Wheatley will for the most part complete the road sign upgrades.

9.4.3) Conservation Area Events

“Season’s Greetings” at Longwoods Road Conservation Area

We had a good turn out of over 140 visitors to the Season’s Greetings event at Longwoods on Sunday, November 25, our last event for 2018. The event went from noon until 4 p.m. We have 8 volunteers helping us out. As well there were 8 craft vendors in the Resource Centre, the Mount Brydges Lions Club sold hot food from the pavilion, the “Imagine That” a cappella quartet sang throughout the park, Bar H Ranch from Melbourne supplied the horse drawn wagon ride, nature hikes were led and birdfeeder station information was available throughout the day, crafts for kids took place in the Resource Centre, and a ‘trim trees for the birds’ workshop was held in the cabin. Here are some pictures from the event:





9.4.4) Enforcement – Section 29

Municipal Enforcement Unit (MEU)- patrolled Big Bend CA to ensure that the hunting groups were following our regulations. Social media assisted with the identification of an ATV violation at Skunk's Misery; warnings were issued.

9.5) Conservation Services

9.5.1) Conservation Services

1. Recent Wetland Restorations:

Buis Beef

LTVCA leading wetland project funded by LEADS (Ontario Soil and Crop) and the Great Lakes Protection Initiative (GLPI); 2 acre cattle pasture near sensitive and marginal land. The area was flooded most the year and did not produce an efficient crop therefore it was transformed into wetland and grassland. The cattle will be fenced off from the wetland.



2. Tree projects

- The 2019 tree order form is now available and will be on the website shortly.
- Tree orders are already coming in and approximately 10 projects are already set for next year.

3. Recent Grant Opportunities

a. Eco Action

Objective is to create wetland habitat in marginal and sensitive areas.

b. HSP- Terrestrial

Objective is for funds to help support a grassland habitat program for Monarchs, Bobolinks and Eastern Meadowlarks.

c. WWF- Go Wild Community Grant

Objective is to help fund a tree giveaway in partnership with Tilbury District High School that would educate citizens about urban forest and backyard conservation.

4. Alternative Land Use Service (ALUS)

- The First ALUS Chatham-Kent PAC meeting was held on November 15, 2018, there were 10 PAC members present and LTVCA and ALUS Canada representatives.
- The Second meeting will be held on January 8, 2019 at 7:00 pm at the LTVCA office and ALUS Chatham-Kent is looking for a municipal councillor to sit on the committee.



- c. The PAC consist of over 50% farmers and the remaining members are active in the agriculture industry.
- d. A Launch event is being planned for late February or early March.
- E. Expressions of interest are now being accepted from landowners.

5. First Nations Partnerships

- a. Staff presented on Phragmites Australis to the Oneida, Muncey-Delaware and Chippewa of the Thames at the Environmental Committee Meeting.

6. Educational events

- a. Presentation was made to the Wheatley Horticultural Society at their monthly meeting.
- b. Presentation to the Sydenham Field Naturalist was made on December 5, 2018.
- c. Outdoor classroom was created by LTVCA staff at Harwich Raleigh Public School.
- d. Video series that was funded through Environment Canada is now complete, finished product will be available in early 2019.



9.5.2) Aquatic Species at Risk (SAR)

1. *Aquatic Species at Risk (SAR)*

Facebook postings have begun to introduce readers to the fish and mussel species at risk in the Lower Thames Valley Conservation Authority. The posts identify threats to the species and encourage readers to take specific steps to help conserve and recover species at risk in our area. Watch for “Mussel Mondays” and “Fish Friday” from now until March. Final reporting for the Drain Classification Project has been submitted to Fisheries and Oceans Canada. Funding is currently being sought to continue the aquatic SAR program into future years.

9.5.3) Phosphorus Reduction Initiatives

Phosphorus Reduction Updates

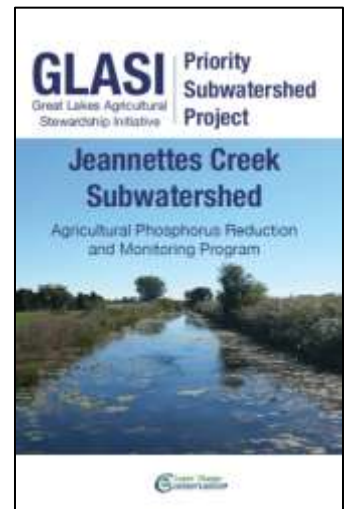
1. **AAC and ECCC: McGregor and Jeannette’s Creek Phosphorus Reduction Program**

The LTVCA application to the Agricultural Adaptation Council (AAC) Canadian Agricultural Partnership (CAP) Program for the proposed McGregor and Jeannette’s Creek Phosphorus Reduction was approved. Through the “Soil Health and Water Quality – Innovation Pilots and Applied Research” program category, the LTVCA is eligible to receive \$284,962.00 to cover project monitoring expenses over the duration of October 3rd of 2018 to November 30th of 2020. This is in addition to the \$600,000.00 the LTVCA has been approved for from Environment and Climate Change Canada’s (ECCC) Great Lakes Protection Initiative.

The approved grant funding from ECCC and AAC will be used to extend the monitoring and research activities that began through the GLASI Jeannette’s Creek Priority Subwatershed Project from 2015-2018. The new project will be geographically expanded and will offer financial contributions to agricultural producers within the entire catchment areas of McGregor and Jeannette’s Creek to implement Best Management Practices (BMPs). Some additional monitoring activities will also occur within McGregor Creek over the duration of the project. The main goal of the project is to improve soil health and reduce the amount of agriculturally sourced phosphorus entering the Thames River, Lake St. Clair and ultimately the Western Basin of Lake Erie. The LTVCA intends to launch the Jeannette’s and McGregor Creek BMP incentive program during January or February of 2019.

The combination of the two funding agreements will provide the LTVCA with the capacity to create a new Soil & Water Quality Technician position. The hiring and interview process for the 23 month contract position began in November. Interviews will be complete by December 7th and the successful applicant will be selected thereafter. The new LTVCA Soil & Water Quality Technician will begin their employment during January of 2019.

The LTVCA Agricultural Program Coordinator and Water Quality specialist have continued to maintain the Jeannette’s Creek study



area monitoring network and BMP verification sites during this time period. The LTVCA has observed and collected water quality data during flow events at the Jeannette's Creek pump stations during the months of October and November. Multiple significant flow events have been observed at the subwatershed and edge of field monitoring sites during this time period. Staff are actively preparing LTVCA monitoring resources for the Winter, and Spring, when the vast majority of agricultural runoff will occur.

2. Phosphorus Reduction Initiative – Research Reports

1. Soil and Water Assessment Tool (SWAT) Model – Jeannettes Creek Study Area

- All data collected from the Jeannettes Creek study area during the GLASI-Priority Subwatershed Project has been submitted to the University of Guelph Water Resources Engineering team. The data is being used to calibrate the SWAT model that is being developed for the Jeannettes Creek study area. The SWAT model will simulate base nutrient loads from the study area pump schemes and will quantify nutrient reductions that resulted from the implementation of agricultural BMPs. The report should be complete during the Winter of 2019.

2. BMP Verification Sites – Preliminary Results Report

- Dr. Merrin MacRae and Dr. Janina Plach from the University of Waterloo have received all of the LTVCA collected data from the Merlin BMP edge of field verification research sites. A preliminary results report is being drafted to assess the effectiveness of the two different cropping systems at retaining nutrients on the two Brookston Clay fields. The Initial report will be complete by January 19th of 2019. We do not expect to have conclusive findings at this time, however the report will provide an update on preliminary research findings from the sites.



9.6) Community Relations

9.6.1) Media releases

Media releases are written as needed to focus attention on Conservation Authority programs and services. They are emailed to local print and radio media, watershed politicians, LTVCA and LTVCF Directors, member municipalities of the LTVCA (Clerks, Councils, CAO's), Ska-Nah-Doht Village Advisory Committee, LTVCA staff, neighbouring Conservation Authorities, watershed First Nations communities and Conservation Ontario. They are also emailed to over 200 individuals (day use permit holders, people requesting LTVCA information).

Five media releases were written / distributed in October and November, 2018.

1. (October 16) "Union Gas Supports an Interactive Computer generated Learning Experience! \$2,000 Donation Towards a Virtual Reality 3-D Sandbox"
2. (November 6 – through Foundation) "Feasibility Study Will Examine Broadening Investment in Longwoods Road Conservation Area - \$72,000 Ontario Trillium Foundation 'Seed' Grant Awarded to Lower Thames Valley Conservation Foundation."
3. (November 7) "Enjoy An Afternoon Full of Family Activities that will Leave You in the Winter Spirit! 'Season's Greetings' from Longwoods Road Conservation Area and Ska-Nah-Doht Village and Museum!"
4. (November 15) "Now Available! – LTVCA 2019 Day Use Permits on Sale! Gift Certificates Available!"
5. (November 30) "New Provincial Environment Plan Commits to Working with CA"

All Directors are emailed a copy of the above media releases and as well, they are posted on our website, Facebook and Twitter accounts. Local watershed media contacts (daily and weekly print, television and radio stations) database update is ongoing.

9.6.2) Displays and Exhibits

Displays and Exhibits are created to update programs and information for the public.

At the Longwoods Road Resource Centre, a donation of taxidermy wildlife (juvenile black bear, deer etc.) valued at over \$11,000 prompted a redesign of the main floor exhibit area. Jerry and Karen have been working on the finished product over the past several months. Here is a glimpse of the final product as it comes together.



9.6.3) Presentations

Presentations are provided to community groups upon request. Support is offered to staff for official openings, funder recognition ceremonies and community events.

9.6.4) Committees and Meetings

Staff attended the Carolinian Canada Workshop held at the Chippewa's of the Thames First Nation on November 27. The theme of the workshop was Rising Together: Collaborating to Protect Nature in the Carolinian Zone – Big Picture Protected Areas Initiative – Workshop 1.

Topics included:

- Shared values, vision, goals for nature protection
 - o Indigenous perspectives on land protection and healthy landscapes
 - o Global, national, provincial and local protected area approaches
 - o The Big Picture: Reversing the trend of habitat loss in the Carolinian Zone
- Appropriate conservation targets for a healthy Carolinian Zone: What do we need to conserve and enhance?
- Opportunities and challenges for a Protected Areas strategy
- Case study: Assessing a candidate protected area
- Inclusive and transparent process for moving forward in the spirit and practice of reconciliation.

9.6.5) LTVCA Website and Social Media (YouTube, Twitter and Facebook)

The LTVCA's website and social media (YouTube, Twitter and Facebook) are updated several times daily with current/relevant Conservation Authority information and events. The website address is www.ltvca.ca. We encourage you to check in with us daily and share with your friends! Updates highlighting LTVCA projects, events and current conservation activities relating to the watershed are posted. Photos and video clips of programs and projects are taken regularly.

The LTVCA's Twitter account currently has 818 followers. LTVCA's Facebook page has 1,344 followers and the Ska-Nah-Doht Village Facebook page has 1,024 followers. All continue to grow in numbers of followers!

9.6.6) Lower Thames Valley Conservation Foundation

With regards to the Trillium Steering Committee (comprised of Foundation Directors, LTVCA Directors and LTVCA staff), a teleconference was held on October 12th and a Committee meeting was held on October 24th. The last meeting of this Committee was held on November 21st immediately prior to the Foundation's Directors meeting.

Reminder of Roles and Responsibilities:

LTVCA Authority

Support the project

Lower Thames Valley Conservation Foundation

Administer and account for funds

Meet grant requirements

Report to funder

Trillium Grant Steering Committee

Hold meetings with minutes

Approve payments
Appoint the consultant
Appoint project manager

The Lower Thames Valley Conservation Foundation has received \$64,800 of the \$72,000 Trillium grant to be used for the Longwoods Feasibility Study in 2018-2019. Sheila Simpson has been contracted as Project Manager for the Study on a short term contract through the Conservation Authority (funded through the Trillium grant budget). She has produced a work plan that will commence in the new year. The next meeting of the Foundation Directors will be set following the establishment of the next Trillium Steering Committee Meeting.

9.6.7) Publications

Community Relations staff assist Conservation Authority staff with publications as needed. Publications are posted on our website for downloading. The 2019 Longwoods Event Card is being printed. As well, work has begun on a new LTVCA Directors' Handbook.

9.6.8) Applications

Community Relations staff apply for project funding as grants become available.

9.6.9) Volunteers

Our volunteers continue to play a huge role with the LTVCA. From helping with special events to trail work, we are very grateful for their support.

Our volunteers continue to play a huge role with the LTVCA. From helping with special events to trail work, we are very grateful for their support.

December 14 is the deadline to receive nominations for the LTVCA's Volunteer Heroes Award. So far 4 LTVCA watershed individuals have been nominated. Successful nominees will receive a pin and certificate and special recognition at the LTVCA's Annual General Meeting in February 2019. Volunteer activities may include work with:

- environmental education
- special events
- Board and Committee work

Information about this award and nomination form may be found on the LTVCA website at this link or under the About Us tab: <https://www.lowerthames-conservation.on.ca/wp-content/uploads/2018/10/About-and-Nomination-Form-LTVCA-Awards-for-Volunteer-Heroes-final.pdf>

A Big thanks to our many volunteers that helped out at the "Season's Greetings" event at Ska-Nah-Doht and Longwoods on November 25, highlighted in pictures under our Events section of the agenda. A record is kept of all volunteers, their number of hours, projects in which they were involved over the year. In 2017, the 700 dedicated volunteers gave 4,000 hours of their time towards LTVCA projects and services!

9.7) Conservation Authority Education

9.7.1) Conservation Youth Group Workshops

Workshops are held at Longwoods Road Conservation Area and LTVCA outreach locations to youth and their leaders. Youth groups work towards badges for various outdoor activities. There were 15 participants from Sept 1 – November 30. (0 in 2017)

9.7.2) Conservation Field Trips for Students and More!

School program statistics for October and November - 489 students in 2018 . (585 in 2017)

October was a busy month with many visiting students learning about habitat and human impacts on ecosystems while playing the Predator Prey game. High school groups experienced hands on the current climate change, nutrient loading and invasive species threats facing our aquatic ecosystems. Longwoods provides such a great learning space with its natural features and accessibility. So much can be internalized and taken away from a single visit, and there's always the hope that some of these students may hold great answers to the problems of today.

November allowed some catch-up (as opposed to ketchup) time, for public presentations regarding watershed reptile Species At Risk and flood awareness. Last February's flooding of Thamesville prompted Lambton Kent District School Board staff to request a presentation that the LTVCA could deliver to Thamesville Area Central Public School. This presentation will explain and reassure elementary students of all ages should another flood event occur, and will be available for any schools requesting a flood presentation.

The education staff is also busy tweaking school and public programming in order to combine a strong environmental focus with First Nations historic and current regard for nature. These themes go hand-in-hand and have proven to be a great combination for teachers who have experienced our new Balance and Biodiversity program.

9.7.3) Chatham-Kent & Lambton Children's Water Festival

Volunteer Coordinator Don Hector is busy already with outreach and education for the water festival, beginning with a membership drive to revitalize the planning committee. A special celebration during National Volunteer Week (April 7-13) is being planned as part of the water festival's gearing up to its 10th Anniversary in the fall of 2019.

9.7.4) Ska-Nah-Doht Village and Museum Field Trips for Students

School program statistics for October and November – 1,137 students . (1,135 in 2017)

On October 16, 2018 we received confirmation on the success of our 2018-19 CMOG application. The amount is \$22,992 which includes museum pay equity funding in the amount of \$240.

The process has begun to fill the new Community Educator position at Longwoods. The response was overwhelming. Over 100 applications were received from across Canada including all 4 First Nations communities in the watershed but also the world – 1 from Africa, 1 from UK. We chose 5 candidates to interview and hope to have the position filled before the end of the year.

Bookings have been steady for the start of this school year. It is shaping up to be a busy 2018-19. Teachers are happy with the choices of programs combining both First Nations Studies with

Environmental issues. We are currently reviewing all existing programs as a transition to the next school year (2019-20).

On a sad note, Ron Watts passed away October 22. He was one of the founding members responsible for creating the village. A condolence message and flowers were sent on behalf of the LTVCA and the Village Advisory Committee. His contributions will be recognized in 2019 as part of the Recognition Program currently being developed by the Advisory Committee.

The Turtle Gift Shop has been on the road to UWO Pow Wow and many seasonal events. Our original stained glass designs of “The Creation Legend” and feathers continue to be popular sellers especially at this time of the year. We have also made connection with staff at the university and locally who are buying them as corporate gifts. This is an opportunity that we will try to pursue in 2019.





Rose and Karen attend the UWO Pow Wow in November.

9.7.5) Ska-Nah-Doht Village and Museum Group Workshops and Group Self-guided Tours

Workshops are performed at Ska-Nah-Doht and LTVCA outreach locations for youth and their leaders. Youth groups work towards badges for various outdoor activities.

A total of 30 participants and their leaders took part in Ska-Nah-Doht Village tours and workshops during October and November. (0 in 2017)

9.8) Ska-Nah-Doht Advisory Committee Minutes: September & November



Ska-Nah-Doht Advisory Committee MINUTES

A meeting of the Ska-Nah-Doht Advisory Committee was held at the Resource Centre in Longwoods Road Conservation area at 6:00 P.M. on Thursday, September 20, 2018. The following members were in attendance: Don Fairbairn, Bill Bruinink, Darcy Fallon, Gayle Bogart, Stan Caveney, Ron Doane and Mark Peacock. Also in attendance: Karen Mattila and Agnes Vriendts.

1. Minutes of the Last Meeting

1. S. Caveney - G. Bogart

Moved that the amended minutes of the April 12, 2018 meeting be approved.

CARRIED

2. Business for Approval

2.1) 2018 Budget Recommendations
2017 Expenses were reviewed.

2.2) Policy Review
Policy Sub-Committee will make recommendations on all policies at the November meeting.

2.3) Village 3-5 Year Build Plan
Village Build Sub-Committee presented the Ska-Nah-Doht Build Plan 2018-2022.

2. D. Fallon - R. Doane

Moved that the Ska-Nah-Doht Build Plan 2018-2022 be adopted as presented.

CARRIED

2.4) Ska-Nah-Doht Fund - Review 2017 and Update 2018
Expenses and Revenue for the Canada 150 grant were reviewed. The fund currently stands at \$12,411.04. Payment of \$691.60 for 52 palisade poles purchased in August is not reflected in this total.

3. G. Bogart – S. Caveney

Moved that 2.1, 2.2 and 2.4 be received for information.

CARRIED

3. Business for Information

3.1) Education Programs

2017-2018 education program stats were reviewed. Outdoor Education Funding continues to help boost bookings but bussing costs continue to be an issue.

3.2) Summer Student Employment Review

A successful summer with two positions funded through Canada Summer Jobs – Mila Costello (London, Environmental Law) was the Cultural Outreach Assistant and Eddie Merks (Dutton, Environmental Studies) was the Environmental Outreach Assistant. Both positions were for 8 weeks.

3.3) Community Museum Operation Grant (CMOG) 2018/2019

A request for clarification on the CMOG application pertaining to the Ska-Nah-Doht Cataloguing System was answered in a phone conversation to the satisfaction of the Museum Advisor. The application is still under review.

3.4) Ska-Nah-Doht Recognition Program

The following are to be recognized for their contributions - Glenn Stott, Andy Chisholm, Ron Watts, Don Fairbairn and the Forest City Checkers.

4. D. Fallon - S. Caveney

Moved that 3.1 -3.4 be received for information.

CARRIED

3.5) New Job Posting Update

A job description needs to be written for the position that will be replacing the Village Education Technician. Staff will conduct job fairs in the First Nations communities within our watershed to find suitable candidates.

3.6) Upcoming 2018 Events

- 1) Spirit of the Harvest - Sunday, September 30 - 11 a.m. – 4 p.m.
- 2) Season's Greetings - Sunday, November 25 - noon – 4 p.m.

5. S. Caveney - G. Bogart

Moved that 3.5 -3.6 be received for information.

CARRIED

4. Other Business

4.1) Feasibility Study Update

The application submitted to Trillium by the Lower Thames Valley Conservation Foundation (LTVCF) in partnership with the LTVCA for funds to conduct a Feasibility Study for Longwoods/Ska-Nah-Doht was successful! The study will begin soon.

APTN will be filming in the Village on September 28.

There are still two seats available on the Committee for Community Members

5. Next Meeting Date – Thursday, November 22 at 2 p.m.

6. D. Fallon - R. Doane

Moved that 4 and 5 be received for information.

CARRIED

6. Adjournment

7. S. Caveney – D. Fallon

Moved that the meeting be adjourned.

CARRIED



Don Fairbairn
Chair

Ska-Nah-Doht Advisory Committee

MINUTES

A meeting of the Ska-Nah-Doht Advisory Committee was held at the Resource Centre in Longwoods Road Conservation Area at 2:00 P.M. on Thursday, November 22, 2018. The following members were in attendance: Don Fairbairn, Bill Bruinink, Darcy Fallon, Gayle Bogart, Ron Doane, Stanley Caveney and Mark Peacock. Also in attendance: K. Mattila, B. Carey and A. Vriends.

1. Minutes of the Last Meeting

1. D. Fallon - B. Bruinink

Moved that the minutes of the September 20, 2018 meeting be approved.

CARRIED

2. Business for Approval

2.1) Ska-Nah-Doht Fund

The total in the Ska-Nah-Doht Fund is \$12579.18.

2. G. Bogart - S. Caveney

Moved that the committee receive the report for information.

CARRIED

2.2) Annual Policy Review

The Ministry of Tourism, Culture and Sport has not yet indicated what will be tested in the 2019-20 application. The subcommittee will research and make recommendations on the existing policies and if necessary write a new policy or plan.

3. R. Doane - D. Fallon

Moved that the committee receive the report for information.

CARRIED

3. Business for Information

3.1) New Job Posting Update

Over 100 applications have been received for the Community Educator position. Staff will be conducting interviews next week.

3.2) Education Programs

Bookings have been steady this fall. Teachers are happy with the choices of programs combining both First Nations Studies with Environmental issues. We are currently reviewing all existing programs as a transition to the next school year (2019-20). We are hoping to offer fewer but more precise choices in our curriculum-based programming which will be adaptable to all ages and grades.

3.3) Community Museum Operation Grant (CMOG) 2018/2019

On October 16, 2018 we received confirmation on the success of our 2018-19 CMOG application. The amount is \$22,992 which includes museum pay equity funding in the amount of \$240.

3.4) Ska-Nah-Doht Recognition Program

There are now 4 ash benches located at the Recognition sitting area. A sign will be installed in the new year.

3.5) Nominations for Ontario Volunteer Awards Program

4. S. Caveney - G. Bogart

Moved that the following names be submitted for the 2019 Awards - Don Fairbairn (40 year), Darcy Fallon (5 year), Catherine Simmons (20 year), Mala Murty (10 year) and Doug Nixon (5 year).
--

CARRIED

3.6) Longwoods Feasibility Study Update

Sheila Simpson has been hired as project manager. A power point presentation was viewed which outlined the steps which will be taken to complete the study.

3.7) Upcoming 2018 Events

Season's Greetings - Sunday, November 25 - noon – 4 p.m

5. B. Bruinink - R. Doane

Moved that the committee receive 3.1 - 3.4 and 3.6, 3.7 for information.
--

CARRIED

4. Other Business

4.1) Virtual Tour Project - Oneida Nation

Ray John Jr., an elder from Oneida and employee of the London District Catholic School Board (LDCSB) is looking to organize a group to complete a virtual tour of their history. The working group would consist of members from Standing Stone School, LDCSB and the community. Staff has offered to host the meetings at Longwoods.

4.2) LTVCA Volunteer Heroes Award 2019

Up to four people can receive this award each year.

6. S. Caveney - R. Doane

Moved that an application be submitted nominating Ron Watts - posthumously, for this award.

CARRIED

4.3) LTVCA Preliminary Budget

Preliminary budget has not changed since it was reviewed at the September meeting. The Provincial Government is not announcing grants at this time; the impact on the budget is unknown.

7. G. Bogart - D. Fallon

Moved that the committee receive 4.1 and 4.3 for information.

CARRIED

5. 2019 Meeting Dates

The LTVCA AGM is being held on February 21, 2019. The next committee meeting will be after this date.

S. Caveney wished the Committee well - after 13 years as a LTVCA Director, this is his last meeting of the Ska-Nah-Doht Advisory Committee.

G. Bogart stated that she wishes to stay on the Ska-Nah-Doht Advisory Committee as a Community Member, now that she will no longer be an LTVCA Director.

6. Adjournment

8. D. Fallon

Moved that the meeting be adjourned.

CARRIED

Don Fairbairn
Chair

9.9) Joint Health & Safety Committee Minutes

LOWER THAMES VALLEY CONSERVATION AUTHORITY



JOINT HEALTH AND SAFETY COMMITTEE

MINUTES

WEDNESDAY, NOVEMBER 7, 2018

A meeting of the Lower Thames Valley Conservation Authority's (LTVCA) Joint Health and Safety Committee (JHSC) was held November 7, 2018. Present were: P. Kominek, A. Blain, V. Towsley and A. Vriends.

Review of supplies needed for all locations/machinery/vehicles. Winter kits should now be put into vehicles - replace water bottles with new ones.

Task Hazard Analysis for safety tours was reviewed.

To be reviewed at staff meeting

Supervisors at the beginning of a task are to review with employees:

- if you do not feel like you are well or after a period of time the job is too taxing or environmental conditions are extreme, speak up - safety starts with all staff, you have a voice. If warranted, employees may take more frequent breaks or can call off a task for that day.
- under Occupational Health and Safety it states, employees have an obligation to tell their supervisors if they do not feel safe, well, etc.
- make sure your employees are comfortable with speaking up
- Supervisors are to constantly check in with your employee on their condition, working conditions, etc.

To be referred to HR:

- Electrofishing during the summer if employees have allergies (plant pollen) and take i.e. Benadryl, etc. their reflexes are slower and may result in a delayed reaction time to operate the kill switch
- Can questions be asked of potential applicants?
 - 'do you take med's that may reduce their reaction time'
 - 'Is there anything cognitatively that may prohibit you from being able to fulfill assigned duties'
 - 'is there anything that would prevent you from having a rapid response time'

Working in Hot Weather Task Procedure to be reviewed ensuring it is up to date.

Tick Spray for clothing available in the US - lasts up to 3 months.

Site inspections of the Administration Building, Dam and Pumping Station, Colborne, Miller and the Diversion Channel, were conducted. See completed Workplace Inspection Records for details.

ITEMS NOTED IN RED and BOLD are considered to need immediate attention.

LTVCA Joint Health and Safety Committee
Workplace Inspection Record

Inspection Location: see below

Date/Time of Inspection: November 7, 2018

Item; location	Hazards Observed	Recommended Action	GM Response		Action Taken/ Required to Repair	Completed By (Date/initials)
			Complete by (date)	Alternative Action		
LOCATION	Administration Building - none noted	9 a.m.				
LOCATION - old office chair - first aid kit - emergency light - railing north side of walkway - pump chamber	Dam & Pumping Station - 4 legs not 5 - there isn't one - not working - missing spindle has sharp cutting edges at the top - blocks are missing mortar	10 a.m. - dispose of chair - put one in - fix - remove completely or cut flush until replaced - repoint				
LOCATION - all over property	Colborne - trees down - garbage	10:17 a.m. - clean-up site				
LOCATION	Miller - none noted	10:30 a.m.				

LTVCA Joint Health and Safety Committee
Workplace Inspection Record

Inspection Location: see below

Date/Time of Inspection: November 7, 2018

Item; location	Hazards Observed	Recommended Action	GM Response		Action Taken/ Required to Repair	Completed By (Date/initials)
			Complete by (date)	Alternative Action		
LOCATION NE side	DC Colborne Street - 4 posts rotted - gate down - neighbour disposing yard waste along bank of river and diversion channel	- replace posts - send a letter requesting that they stop this practice				
NW side	- north end of gate, posts rotted	- replace posts				
LOCATION NE side	DC Park Street - erosion around 2 road pipe outlets	11 a.m. - contact municipality to repair erosion/install splash pads and/or adjust pipe outlets				
LOCATION	Disposal Site - none noted	11:27 a.m.				
LOCATION NW side	DC Indian Creek Rd - gate posts rotted	- replace posts				
LOCATION NW side	<u>Rivards</u> - 2 rotted posts	- replace posts				

9.10) Wheatley Two Creeks Association Minutes

WHEATLEY TWO CREEKS ASSOCIATION

Minutes of regular meeting held **October 4th 2018** at the Wheatley Legion

Attendance: Mark Peacock, Randall Van Wagner, Gerry Soulliere, Joe Pinsonneault, Lorna Bell, Mike Diesbourg, Linda & Lee Pearce, Pauline Sample, Bruce & Marj Jackson, Don Haggith.

Minutes: With the amendment that 3 trees instead of 4 were removed from in front of the stage I moved the minutes, Joe sec. that the minutes be accepted as read. (Carried)

Agenda: Moved by Linda, sec. by Lorna agenda be accepted as outlined, (Carried)

Memorial Groves: 6 trees have been dedicated as well as 4 plaques installed. 3 plaques need to be installed as well as 1 post. It was decided that native trees can be planted near the creek. The Groves needs to be cut once more, Gerry will contact Kevin Getty.

Prop. & Equip.: Mark said that the new signs for the road have been ordered. They will also replace the signs on the Small Pavillion as well as providing an aerial photo showing all the trails. It would be preferable to replace the North bridge with steel, possibly used I beams or an old flat bed truck. The Stage roof needs to be replaced as soon as possible with the same steel matching the other buildings. We have a used auger but it needs some repair work. The dealer will deliver the Bushhog back to us , Bruce suggested that because of the age of the mower that it would be too costly to continue with repairing it, decision pending.

Concerts: There will be a meeting at Rick's in the near future to decide on the music for next year. It was decided to paint the edges of the platform's in the Large Pavillion for safety. 5 posts have been cemented in down the hill in front of the stage, a rope or chain will connect them all.

Financial Report: Since Ron was not present, the report will be deferred till the next meeting.

Correspondence: None

Old Business: None

New Business: Linda proposed supplying a table or tables adapted for wheelchairs in the Pavillion. They could be made without seats or existing ones adapted so that there would just be the tabletop. Randall stated that he could get the specs. for them.

Adjournment: Joe motioned for adjournment at 8:15pm

Phil Humphries, Secretary

WHEATLEY TWO CREEKS ASSOCIATION

Minutes of regular meeting held on **November 1st 2018** at the Wheatley Legion

Attendance: Rick & Forest Taves, Bruce & Marjorie Jackson, Gerry Soulliere, Mike Diesbourg, Lorna Bell, Joe & Ginette Pinsonneault, Pauline Sample, Ron Haley, Lee & Linda Pearce.

Minutes: Moved by Phil sec. by Mike the minutes be accepted as read (Carried).

Agenda: Moved by Lorna sec. by Phil agenda be accepted as outlined (Carried).

Memorial Groves: Kevin Getty will be asked to cut the Groves for the last time this year. All the posts and plaques have been installed.

Property & Equip. : Rick suggested that we could possibly sink 2 posts into the west bank of the North bridge and also construct a cradle on top of them to make that end more stable. Adam Stein wants to replace any rotten plywood on the Stage roof and then cover it with tarpaper before the winter. Joe is also waiting for a quote from Peter's Roofing. Up to \$2000.00 was allocated to spend on replacing the roof, Rick motioned, Linda seconded. It was decided to not fix the Bushhog but will try to sell it online as is. Joe will paint a barrel and then fill it with gravel to accept a post with a sign warning people not to drive up the hill. Instead of applying each year for the Grant Rick suggested we become a Line Item on the L.T.V.C.A budget. It was brought up that we could possibly construct some tables for the disabled made from steel left over from the Pearce bridge. Lee will check that the tractor is properly maintained. Linda will her daughter-in-law if she could paint the logo on the Dance Pad.

Concerts: 8 groups have been booked so far for next year- working on booking the remaining 6 weeks.

Financial Report: Ron presented the 2018 Budget, Rick moved, Phil sec. Linda moved, Mike sec. that the Budget be approved. The Account Balance as of August 31st 2018 was \$32,093.79. The Account Balance as of October 31st 2018 was \$32,144.64.

Correspondence: None.

Old Business: None.

New Business: It was decided to enter our float in this year's Xmas parade just as was last year.

It was decided to move the start time of our next meeting on Dec. 6th to 6:30 p.m.

Adjournment: Rick motioned for adjournment at 8:00 p.m.

Phil Humphries, Secretary

9.11) GMs Report

C.A.O. / Secretary Treasurer Report

Date: December 13, 2018

Memo to: LTVCA Board of Directors

Subject: C.A.O. / Secretary Treasurer's Report

From: Mark Peacock, P. Eng., C.A.O. / Secretary Treasurer

Performance Management Program

The performance management program is being implemented to address item 8 Improve Internal Understanding of Roles & Responsibilities of the strategic plan. Staff have been working to develop and implement the program over the last year. Steps to develop the Program have included:

1. Review of Corporate strategy and deliverables – mission, values, and strategic actions, include other plans such as the 2015 strategic plan, 2018 risk management plan
2. Define role of department in achieving that strategy – 2015 strategic plan – limited departmental directions statements available
3. Define role of individual in achieving that strategy – job description 2018 update
4. Define individual year work to achieve strategy – annual action plans – first in 2018
5. Define corporate expectations of organization regarding values sought in supervisors and employees - Nov 2018 staff meeting
6. Look Forward – Define departmental roles – Staff meeting December 2018 and January 2019
7. Conduct performance management review and plan performance
8. Conduct mid-year performance check-in
9. Evaluate system after first years implementation

In early 2019, the Lower Thames Valley Conservation Authority staff will be preparing new Performance Management Plans. These Plans primarily consists of each staff member reviewing the following with the supervisor/manager of their area on an annual basis (2018 year completed) and planning for the next year. The idea is for the employee and the supervisor to have a performance conversation. It is composed of:

- Employee information as well as position description
- Areas of strength and improvement
- Major Targets and action plans for the upcoming year
- Training, development and coaching needs, and
- Comments, conclusions and recommendations

This planning process consists of the following:

- (1) In February of each year, starting in 2019, supervisors/managers will request staff to enter into performance management discussions regarding the year's work performance.
- (2) Staff members will be requested to complete a performance appraisal form and return it to their supervisor/manager within a specific timeframe. At the same time the supervisor/manager will also fill out a performance appraisal form for the staff member.
- (3) The supervisor/manager will review the employee's performance management plan and their own comments and set a meeting date to discuss the performance management plan with the staff member. The supervisor and staff member will discuss the two reviews to determine if they have the same understanding regarding how things are going. As a result of this meeting, a final performance form will be completed and signed by the staff member, manager and

CAO/Secretary-Treasurer. Tools to support and improve performance will be developed working with the strengths and opportunities of individuals.

(4) Mid-year a follow up, less formal, meeting will be held to review items of the plan.

The plan is intended to be staff driven commencing with the completion of the performance management plan by the staff member. The ultimate result is to have a continuous and positive dialogue regarding the performance of both staff members and supervisors/managers to ensure overall Authority efficiency and informed, satisfied employees. Another objective of the Performance Management Plan is to ensure a positive and rewarding work environment for all staff members.

Providing Support to Municipalities with New Councils

Staff at the LTVCA have contacted a number of municipalities regarding council education programs. Two municipalities have asked LTVCA staff to present to new councils in the next few months. Additionally, staff met with City of London staff regarding council training and provided information for that process. Should members wish LTVCA staff to present to councils regarding Conservation Authority mandate and work please let us know.

Christmas Holidays

Upon consultation with the Chair the flowing Christmas office schedule is in effect for both the Administrative office and for Longwoods Road Resource Centre:

Monday, December 24, Christmas Eve Day – office closed, staff use holidays or lieu time to cover hours

Tuesday, December 25, Christmas - Stat holiday

Wednesday, December 26 Boxing Day – Stat holiday

Thursday, December 27 – office open

Friday December 28 – office open

Monday December 31, New Year's Eve – office closed, staff use holidays or lieu time to cover hours

Tuesday January 1, 2019, New Year's Day – Stat holiday

Wednesday January 2, 2019 – office open

Recommendation:

That the C.A.O. / Secretary Treasurer's Report be received for information.

Respectfully Submitted

Mark Peacock, P. Eng.

C.A.O. / Secretary Treasurer

Recommendation: That the above reports, 9.1) through to 9.11) be received for information.

10. Correspondence

10.1) New Provincial Environment Plan Commits to Working with Conservation Authorities: A Made-in-Ontario Environment Plan



FOR IMMEDIATE RELEASE

New Provincial Environment Plan Commits to Working With Conservation Authorities

NEWMARKET, ON - November 30, 2018 - Through its new '[Made in Ontario Environment Plan](#)', the Government of Ontario commits to continue to work with Conservation Authorities on many different initiatives in order to help ensure the health of our lakes, rivers and greenspaces.

The Plan praises the effective partnership between provincially supported source protection committees, municipalities and conservation authorities in protecting important sources of drinking water and also commits to continuing to implement the Lake Simcoe Protection Plan.

It recognizes and commits support for the important role of conservation authorities in protecting people and property from flooding and other natural hazards, and conserving natural resources. And, as part of their objective to promote parks and increase recreational opportunities, the plan outlines the need for many agencies, including conservation authorities, to share the responsibility of conserving Ontario's protected lands.

"Conservation Authorities are a cost effective foundation on which to address many of the issues identified in the new objectives of the Environmental Plan," said Kim Gavine, General Manager of Conservation Ontario, the organization that represents Ontario's 36 Conservation Authorities.

"We're pleased to see the Government will address climate change impacts and continue to work to restore and protect our Great lakes. Conservation Authorities are key partners, along with many other agencies, in planning and implementing many of these initiatives."

-30-

For more information:

Kim Gavine, General Manager, Conservation Ontario
kgavine@conservationontario.ca
905-895-0716 ext. 231

Jane Lewington, Marketing & Communications Specialist
jlewington@conservationontario.ca
905-895-0716 ext. 222

A Made-in-Ontario Environment Plan



10.2) Preserving and Protecting our Environment for Future Generations: A Made-in-Ontario Environment Plan



News Release

Ontario Releases Plan to Protect the Environment Includes a Balanced, Made-in-Ontario Climate Change Solution to Preserve and Protect the Environment for Future Generations

November 29, 2018 1:40 P.M. - [Ministry of the Environment, Conservation and Parks](#)

Today, Ontario's Government for the People released a new made-in-Ontario environment plan to protect our air, land and water and reduce litter and waste while lowering greenhouse gas emissions and helping communities protect themselves from climate change.

"This plan strikes the right balance between a healthy environment and a healthy economy," said Rod Phillips, Minister of the Environment, Conservation and Parks. "It contains solutions that will protect our air, land and water, reduce waste, address litter, increase our resilience to climate change and help us all do our part to reduce greenhouse gas emissions. Most importantly, it does all of this without imposing an ineffective, regressive carbon tax on hard-working Ontario families."

[Preserving and Protecting our Environment for Future Generations: A Made-in-Ontario Environment Plan](#) (https://ero.ontario.ca/notice/013-4208?_ga=2.50377577.1359906771.1543948940-1606870137.1457013389) will help protect the Ontario we know and love, ensuring its pristine beauty and strong communities can be enjoyed now and in the future. The new plan is posted on the Environmental Registry for public input for 60 days.

This government will hold polluters accountable with stronger enforcement and tougher penalties for breaking environmental laws. These made-in-Ontario emission standards will also consider factors such as trade-exposure, competitiveness and process-emissions and will include the authority to introduce exemptions for Ontario's auto sector and other exposed industries as needed.

The plan additionally includes robust transparency measures that will ensure the public has real-time information about monitoring, incidents and enforcement activities.

Ontario will also enable others to be environmental leaders and do their part in developing environmental solutions. This includes helping unleash the resourcefulness and creativity of the private sector while freeing them from burdensome taxes and red tape that make them less profitable and hinder their growth.

It will also encourage meaningful local environmental action through initiatives such as a new province-wide day of action to fight litter, alongside meaningful partnerships with organizations like Ducks Unlimited and the Ontario Federation of Anglers and Hunters to fight invasive species and encourage conservation.

"Our plan will encourage individuals, families, governments and businesses to take greater ownership of our shared environmental challenges through real actions, big and small," said Phillips. "We promised the people of Ontario we are serious about addressing environmental challenges of our day while respecting hard-working taxpayers - and we are keeping that promise."

Media Contacts

Andrew Brander

Minister's Office

416-314-6790

Gary Wheeler

Communications Branch, MECP

416-314-6666

Preserving and Protecting our Environment for Future Generations: A Made-in-Ontario Environment Plan

Description of policy

The people of Ontario have already made significant and meaningful investments in climate action. In 2001, the government of the day announced the closure of the Lakeview Generating Station, which started a phase out of coal-fired electricity that remains the largest greenhouse gas reduction in Canadian history. By moving to a combination of sustainable hydroelectric and nuclear generating capacity, Ontario has avoided up to 30 megatonnes of annual greenhouse gas emissions, equivalent to taking seven million vehicles off our roads. Today, our electricity is virtually emissions-free.

Measured against the same base year of Canada's target under the Paris Agreement (2005), the province's total greenhouse gas emissions have dropped by 22%— even while the rest of Canada saw emissions increase by 3% during that same time.

But doing Canada's heavy lifting on greenhouse gas emission reductions has come at a substantial cost to Ontario families.

We will continue to do our share to address climate change and protect our environment. We will do so in a way that protects our economy and respects the people.

Ontario's proposed Made-in-Ontario Environment Plan presents new directions for addressing the pressing challenges we face to protect our air, land and water, reduce litter and waste, build resiliency and reduce our greenhouse gas emissions. The plan will help people and businesses across Ontario take environmental action in ways that will also save them money, enhance their communities, create new jobs and grow the economy.

Actions in the plan are measured against the following guiding principles to ensure we address environmental challenges in the most responsible, effective, measurable and balanced way.

- **Clear rules - strong enforcement:** We will ensure that polluters are held accountable with tougher penalties, while reducing regulatory burden for responsible businesses
- **Trust and transparency:** We will provide Ontarians with the information and tools required – with a particular focus on real-time monitoring – to understand the current environmental challenges we face and how these challenges impact individuals, businesses and communities across the province
- **Resilient communities and local solutions:** We recognize that environmental impacts faced by communities across Ontario may be very different. We will work with these communities and use best scientific practices and other evidence-based methods to develop unique solutions to their challenges

The proposed Environment Plan will ensure that polluters are held accountable with stronger enforcement and tougher penalties for breaking environmental laws. We will do this in a transparent way, making real-time information about monitoring, incidents and enforcement available to the public.

The plan will also enable others to be environmental leaders and do their part in developing environmental solutions. This includes tapping into the resourcefulness and creativity of our diverse and thriving private sector by helping them invest in and develop clean solutions to today's environmental challenges.

It offers integrated, tangible environmental solutions that save people and businesses money, address local priorities, and support our communities in doing their part for the environment.

Purpose of policy

The proposed Environment Plan aims to address four key environmental challenges facing Ontario:

1. Protecting our air, lakes and rivers

Ontario's water and air are life support systems for nature and people. Pollution in our air and water increases healthcare costs, reduces enjoyment of the great outdoors and contributes to lost economic opportunity. We will protect these critical systems by using water more sustainably and keeping our water and air clean while growing our economy. We will also improve municipal wastewater and stormwater management and work with municipalities to increase reporting to protect the public and our lakes and rivers.

2. Addressing climate change

The climate is changing. Severe rain, ice and wind storms, prolonged heat waves and milder winters are much more common. Forests, waters and wildlife across the province are and will continue to be significantly impacted by these changes. People across the province – especially Northern communities – and all sectors of the economy are feeling the impacts of climate change and paying more and more for the costs associated with those impacts.

The *Cap and Trade Cancellation Act, 2018* requires the establishment of targets for reducing the amount of greenhouse gas emissions in Ontario and the preparation of a climate change plan and progress reports in respect of the plan. This chapter of the proposed Environment Plan addresses the government's legislative obligations.

3. Reducing litter and waste in our communities and keeping our land and soil clean

Ontario needs to reduce the amount of waste we generate and divert more waste from landfill through proven methods like Ontario's curbside Blue Box Program, existing and emerging municipal Green Bin programs and other waste recovery options. Existing and emerging technologies are increasingly allowing us to recover and recycle materials back into our economy rather than sending them to landfills. This is helping us to better protect our communities and keep our air, land and water clean and healthy.

To keep our land and water clean, we will also take strong enforcement action to ensure waste, including hazardous waste, is properly stored, transported, recycled, recovered or disposed.

We are looking at proposed ways to:

- reduce the amount of waste going to landfills or becoming litter
- increase opportunities for Ontarians to participate in efforts to reduce waste
- manage excess soil and hauled sewage
- increase opportunities to use technologies, such as thermal treatment, to recover valuable resources in waste
- redevelop brownfield sites to better protect human health and the environment.

4. Conserving land and greenspace

People travel from around the world to experience the natural wonders that we often take for granted in the Province of Ontario. The natural spaces across Ontario, such as forests, wetlands and parks purify our air and water, protect biodiversity and natural heritage, provide recreational opportunities and support Indigenous traditional practices.

We as Ontarians have a long history of putting a strong focus on expanding Ontario's parks and protected areas. In 1999, Ontario's Living Legacy Land Use Strategy was announced. A clear and major goal of this plan was to complete Ontario's system of parks and protected areas. Our government remains dedicated to maintaining the natural beauty of our province.

We know that climate change poses a serious threat to Ontario's natural areas and that conservation of these areas can play an important role in mitigating and adapting to climate change. We will protect and enhance our natural areas, support conservation efforts, continue to conserve species at risk, develop adaptation strategies, and promote the importance of healthy natural spaces for future generations to use and enjoy.

Other public consultation opportunities

Ontario's proposed Environment Plan integrates both new actions and continued actions across government to address pressing environmental issues. Comments received on proposed new actions will be considered during the finalization and implementation of the plan. Comments received on continued actions will be incorporated into future program reviews. Prior to release of this plan, the ministry met with more than 200 stakeholders from across the province, and we have received more than 8,000 ideas through Ontario.ca public portal.

Throughout the proposed Environment Plan, we have identified areas of potential action where we are engaging with the public, stakeholders, Indigenous communities, municipalities and our partners to develop new approaches that support our common goals for environmental and climate leadership.

Our consultations and engagement with various stakeholders, Indigenous organizations and communities and the public will help refine our environment and climate change initiatives, incorporating valuable insights to ensure the actions we adopt reflect the needs of Ontarians.

11.Events Calendar

Dec 24, 2018	Christmas Eve – LTVCA office & Resource Centre are closed
Dec 25, 2018	Christmas Day – LTVCA office & Resource Centre are closed
Dec 26, 2018	Boxing Day – LTVCA office & Resource Centre are closed
Dec 27-28, 2018	LTVCA office & Resource Centre are open
Dec 31, 2019	New Year's Eve – LTVCA office & Resource Centre are closed
Jan 1, 2019	New Year's Day – LTVCA office & Resource Centre are closed
Jan 2 – 4, 2019	Southwest Agricultural Conference University of Guelph Ridgetown Campus (LTVCA booth)
Jan 23 – 24, 2019	Chatham-Kent Farm Show, Chatham (LTVCA booth)
Feb 18, 2019	Family Day Snowshoe – Longwoods Road Conservation Area noon – 4
Feb 21, 2019	LTVCA AGM
Feb 23, 2019	Pre-register for Moonlight Winter Family Hike – Longwoods Road Conservation Area (519) 264-2420

Ongoing Events

First Thursday of month
7:30 pm

Wheatley Two Creeks Association Meetings
Royal Canadian Legion, Erie Street N., Wheatley

7 days a week
9:00 am – 4:30 pm

Ska-Nah-Doht Village & Museum
Longwoods Road Conservation Area

For more information contact:
LTVCA Administration Office: 519-354-7310
Longwoods Road Conservation Area: 519-264-2420
C.M. Wilson Conservation Area: 519-354-8184
www.ltvca.ca

12.Other Business
