

LOWER THAMES VALLEY CONSERVATION AUTHORITY



BOARD OF DIRECTORS
MEETING
AGENDA

Administration Building
Chatham, Ontario
Thursday, October 22, 2015
2:00 P.M.

1. **Adoption of Agenda**
2. **Disclosure of Pecuniary Interest & General Nature Thereof**
3. **Minutes of the Last Meeting (Previously circulated)**
4. **Business Arising From the Minutes**

(a) Building Renovation – Update and Outlook

5. **Committee Meetings**

(a) Board of Directors Minutes, August 27, 2015

(b) Ska-Nah-Doht Committee Bus Tour, September 17, 2015 – Verbal Report

RECOMMENDATION: That the committee meeting agenda items 6 (a) through 6 (b) be received for information.

6. **Correspondence**

(a) Chatham-Kent correspondence to Minister of Natural Resources & Forestry – Provincial Endangered Species Act – Effects on Municipal Drains

(b) Municipality of West Elgin correspondence to Lower Thames Valley Conservation Authority – Proposed Budget Levy Increase

RECOMMENDATION: That correspondence item 6 (a) and 6 (b) be received for information.

7. **Business for Information**

(a) Water Related Issues, Initiatives & Activities – Staff Report

(b) Source Protection Plan Approved

- (c) Authority Regulations
 - i. Divisional Court Decision – Graham vs NVCA – Staff Analysis
 - ii. Applications for Permission under Ontario Regulation 152/06 (CA Act) – Staff Report
- (d) Conservation Services – Staff Report
- (e) Conservation Areas – Staff Report
- (f) Community Relations – Staff Report
- (g) Conservation Authority Education – Staff Report
- (h) Wheatley Two Creeks Association – Report
- (i) GM’s Report

RECOMMENDATION: That agenda items 7 (a) through to 7 (i) be received for information.

8. Business for Approval

- (a) Strategic Plan, Steve Sauder – Staff Report

RECOMMENDATION: That the Strategic Plan be adopted as a guide for the LTVCA program for the next five years.

- (b) Elgin County Shoreline Management Plan – Report

RECOMMENDATION: That the Elgin County Shoreline Management Final Report be adopted and incorporated as the Elgin County Shoreline Management Plan and sent to the County of Elgin for adoption; and further,

That the Elgin County Shoreline Management Plan be adopted as the Lower Thames Valley Conservation Authority’s Shoreline Management Plan for that portion of the Authority’s jurisdiction within Elgin County for the purposes of enacting Ontario Regulation 152/06; and finally,

That the TAC established for the purposes of the development of the Elgin County Shoreline Management Plan remain in place to collaboratively consider how the plan’s recommendations may be carried out.

- (c) 2016 Proposed Budget and Levy

RECOMMENDATION: That the 2015 preliminary budget and levy be adopted as presented.

LOWER THAMES VALLEY CONSERVATION AUTHORITY



BOARD OF DIRECTORS MEETING MINUTES

A meeting of the Conservation Authority's Board of Directors was held at the Longwoods Road Conservation Area beginning at 2:00 P.M. on Thursday, June 25, 2015. The following directors were in attendance:- L. McKinlay, H. MacDonald, D. McKillop, M. Smibert, S. Caveney, J. Kavelaars, R. Doane and G. Bogart. T. Thompson, L. LeClair and J. Wolfe sent regrets.

1. Adoption of Agenda

1. R. Doane – L. McKinlay

Moved that the agenda be adopted.

CARRIED

2. Disclosure of Pecuniary Interest and General Nature Thereof

Dan McKillop noted a conflict of interest regarding Items 4 & 5.

3. Minutes of the Last Meeting (Previously Circulated)

2. L. McKinlay – D. McKillop

Moved that the minutes of the meeting of April 23, 2015 be approved as circulated.

CARRIED

4. Business Arising From the Minutes

- (a) Administration Building Parking Lot Draft Plan

3. M. Smibert – G. Bogart

Moved that the report be received for information

CARRIED

5. Business for Approval

- (a) Contract for Parking Lot Design

4. M. Smibert – G. Bogart

Moved that Dillon Consulting be retained in accordance with the proposal to undertake the required design, approval, tendering and contract management for the proposed parking facility at 112 Thames Street, Chatham.

CARRIED

6. **Committee Meetings**

- (a) Joint Health & Safety Committee Minutes, April 27, 2015
- (b) Joint Health & Safety Committee Minutes, May 6, 2015

5. G. Bogart – S. Caveney

Moved that agenda items 6 (a) and 6 (b) be received for information.

CARRIED

7. **Correspondence**

None reported.

8. **Business for Information**

- (a) Water Related Issues, Initiatives & Activities
 - i. Flood event
 - ii. Low Water Monitoring
 - iii. Watershed monitoring
 - a. Benthic Sampling
 - iv. Watershed planning
 - a. Phosphorus Reduction - Environment Canada meeting notes
 - b. Thames Clearwater Revival
 - v. Communications
 - a. Flood Presentation to the Rotary Club, Chatham-Kent
- (b) Biannual Lake St. Clair Conference
- (c) Authority Regulations
 - a. Applications for Permission under Ontario Regulation 152/06 (CA Act)
- (d) Conservation Services
 - a. Grants
 - b. Prairie
 - c. Wetlands
 - d. Greenhouse
 - e. Natural Heritage Implementation Strategy
 - f. New Agricultural Specialist
 - g. Weather Station Installation at McLean property

- (e) Conservation Areas
- (f) Community Relations
- (g) Conservation Authority Education
- (h) Summer Student Positions
- (i) Wheatley Two Creeks Association
- (j) GM's Report

6. S. Caveney – M. Smibert

Moved that agenda items 8 (a) through to 8 (j) be received for information.

CARRIED

9. Business for Approval

- (a) CM Wilson Conservation Area, Barn Facilities

7. R. Doane – D. McKillop

Moved that staff continue to work with the Chatham-Kent Fire and Building Departments in an effort to come to an acceptable resolution of this matter.

CARRIED

- (b) Section 28 Regulations, additions to Policy Section

- (i) Lake Erie Bluff, Additional Allowance

8. M. Smibert – D. McKillop

Moved that staff be permitted to approve development proposed within the 15 metre additional allowance of a shoreline, subject to the applicant providing an OLS survey of the lot delineating the "Critically Regulated Area"; and
Further, that applications for development within the Critically Regulated Area continue to go before the Authority's Executive (Hearing) Committee for decision with all necessary studies/engineering reports in support of the application being received 30 days prior to the hearing date, it being noted that if new studies are introduced at the time of the hearing, the hearing will be adjourned to provide staff time to review the material; and
That these requirements be incorporated into the updated Policy and Procedures for Ontario Regulation 152/06.

CARRIED

(ii) Minor Changes to Applications on Existing Executive Hearing Committee Decisions

Jason Wintermute provided a brief description of an issue that recently arose when a proponent presented staff with a minor change to the location of the footprint of their proposed residential dwelling, which had been approved by the Authority's Executive Hearing Committee within the Critically Regulated Area. After receiving the Authority's approval for the development, the proponent learned that the setback from the front lot line would have to increase by one foot, with the result that the structure would have to be totally redesigned or shifted 0.3 metres (1 foot) closer to the hazard. Authority staff saw no issue with the proposal as it was very minor in nature, but because this application had been approved at the Executive level, staff could not approve the minor change. As no meeting of the Personnel & Finance/Executive Committee was planned, it was felt that calling a meeting of the Committee for such a minor item was inefficient.

9. S. Caveney – D. McKillop

Moved that staff be authorized to seek approval by email poll for minor amendments to Executive-approved applications if no Personnel & Finance/Executive Committee meeting is scheduled within a reasonable time period.

CARRIED

(c) NDMP National Disaster Mitigation Plan

10. H. MacDonald – D. McKillop

Moved that the Board recognizes a unique funding opportunity for updating critical floodplain mapping and authorizes staff to discuss options with the member municipalities to obtain project-specific municipal funding within the 2016 budget.

CARRIED

11. H. MacDonald – S. Caveney

Moved that the meeting be adjourned.

CARRIED

John Kavelaars
Chair


Don Pearson
General Manager/Secretary-Treasurer



Date: Tuesday, August 18, 2015
Time: 11:00 am
Location: Marriott Gateway Hotel
Room: Niagara Room
Contact: Peter Rankin, peter.g.rankin@ontario.ca

**Briefing Note for
Minister Bill Mauro
Ministry of Natural Resources
and Forestry**

PROVINCIAL ENDANGERED SPECIES ACT - EFFECTS ON MUNICIPAL DRAINS

Background

1. Chatham-Kent is a primarily rural municipality housing some 4,200 municipal drains. These drains provide legal outlet for private tile systems that drain individual properties. The Gross Domestic Product (GDP) of the agri-food industry in Ontario is approximately \$33 billion annually with Chatham-Kent accounting for 10% of this amount or \$3 billion.
2. Municipal drains are constructed and maintained via bylaws established under the Drainage Act. Municipal drains are communal partnership projects financed through funding from benefiting property owners, the Ontario Ministry of Agriculture Food and Rural Affairs (OMAFRA) and the local municipality.
3. The Endangered Species Act (ESA), administered by the Ministry of Natural Resources and Forestry (MNR) imposes certain requirements on municipalities before any work can proceed on municipal drains (currently a passive system). The current MNR "agreement" process established with municipalities is set to expire June 30, 2015.
4. After July 1, 2015 a "self-regulation" type process will be imposed, downloading huge responsibilities (and costs) on municipalities and subsequently benefiting landowners.
5. The self-regulation process is primarily biological and ecological, both skillsets not readily available within current municipal staff. Due to the specialized nature of the discipline as well as the workload, municipalities will be forced to either hire consultants or new staff thereby increasing drainage project costs. It is estimated that approximately four full time equivalents (F.T.E.) would be required at an annual cost of \$500,000 to manage application and reporting requirements.

continued ... 2

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6. The requirements of the ESA clearly conflicts with the timing and liability placed upon municipalities for the construction and maintenance of municipal drains within their jurisdiction under the Drainage Act legislation.
7. In addition to the cost of specialized staff or consultants, timing restriction bans drive up constructor pricing on tenders for drainage work. Inconsistent working seasons due to species-specific timing restrictions also affect contractors in retaining competent staff who are forced to seek alternative employment elsewhere. This jeopardizes the viability of the drainage contractors' businesses.
8. Annual monitoring and reporting is another requirement of the new process. With Chatham-Kent completing in excess of 550 drainage projects annually, it will be impossible to comply with this requirement. It is unclear whether the reporting requirement will be perpetual or for just the following year. If it is cumulative, the workload grows exponentially considering Chatham-Kent's annual volume of projects.

Recommendations

- Municipal drains have been constructed and maintained by the assessed landowners. Nurturing habitat would not exist if it weren't for this investment. Identified species should not be punitive to the very community that hosts them.
- ESA species need to be supported by everyone in the Province, not just the affected areas. MNRF needs to provide financial and human resources to support this initiative. If they are not funded adequately, simply downloading the cost and responsibility onto the local municipalities needs to stop. Adequate human and financial resources must accompany the legislation.
- MNRF needs to recognize that drainage infrastructure provides environmental benefits to a diverse ecosystem and properly maintained drains will only continue to enhance this premise.
- Subject experts and adequate funding should be made available to support MNRF initiatives and approvals process. Chatham-Kent and the local Federation of Agriculture have been meeting with MNRF officials for over a year requesting a 30 day approval process for municipal drains with no measurable progress.

Expected Results

Municipal drains are constructed and maintained by the local municipality and funded via the benefitting watershed. Beyond best construction practises, they should be exempted from any approval or regulation process. After all, the existing habitat would not even be there if it weren't for these drains.

Ultimately, any changes to the ESA requirements should provide timely construction and maintenance with zero added cost or time delays to benefitting landowners. MNRF review processes, if any, need to be streamlined recognizing the need to support the agricultural and construction sectors.

Prepared by:

**Thomas Kelly, General Manager
Infrastructure and Engineering
thomask@chatham-kent.ca**

For further information, please contact:

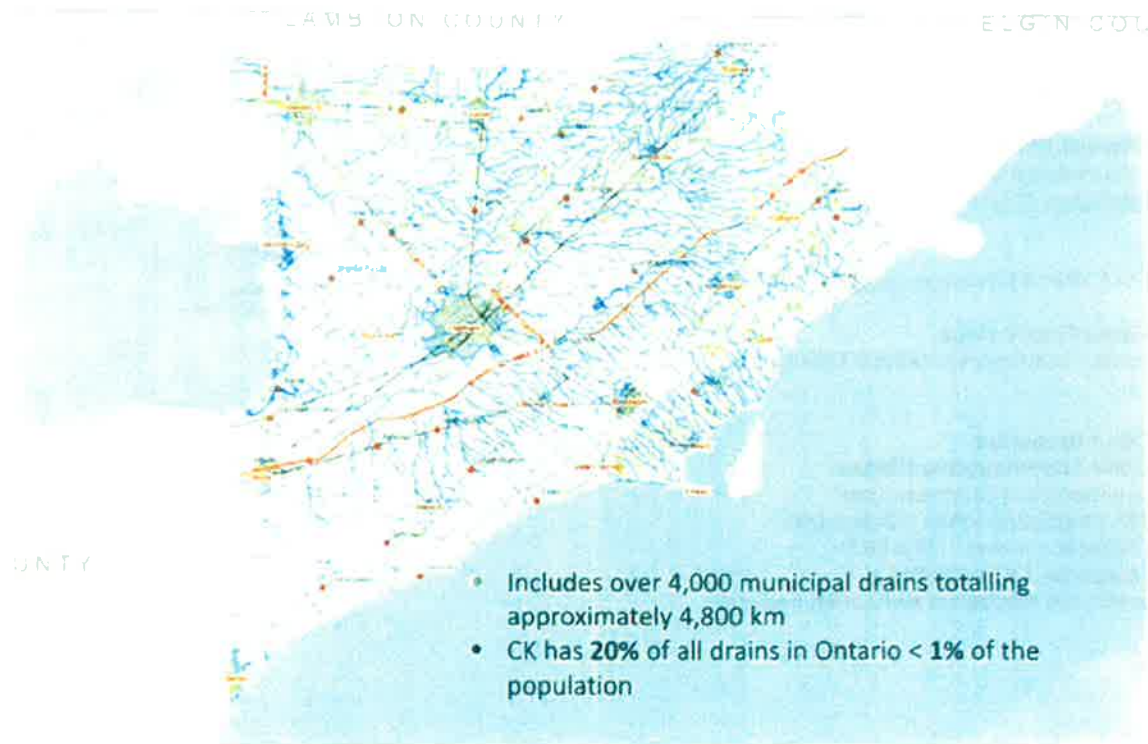
Mayor Randy Hope
email randyhope@chatham-kent.ca

The following representatives from Chatham-Kent plan to attend the AMO conference:

Mayor Hope
Councillor Karen Herman
Councillor Brock McGregor
Councillor Carmen McGregor
Don Shropshire, Chief Administrative Officer
John Norton, Chief Legal Officer
Thomas Kelly, General Manager, Infrastructure and Engineering Services
April Riedyk, General Manager, Health and Family Services
Ken Stuebing, Fire and Emergency Services Fire Paramedic Chief
Cathy Holtman, Director, HRDD/Customer Service

Don Shropshire
Chief Administrative Officer
Municipality of Chatham-Kent
315 King Street West, PO Box 640
Chatham Ontario N7M 5K8
Telephone 519-436-3219
email don.shropshire@chatham-kent.ca

Municipality of Chatham-Kent – Drainage System



Section 79 (1) Drainage Act

*Upon 45 days notice in writing served by any person affected by the condition of a drainage works, upon the head or clerk of the local municipality whose duty it is to maintain and repair the drainage works, **the municipality is compelled by an order of the Referee** to exercise the powers and to perform the duties conferred or imposed on it by this Act as to maintenance and repair or such of the powers and duties as to the referee appears proper, and the municipality is liable in damages to the owner whose property is so injuriously affected.*

**Ontario Regulation 242/08 - Under Endangered Species Act, 2007
Self-Regulation Responsibility Shift**

BEFORE JULY 1, 2015

MNR

- Oversight, planning, regulating, enforcing and laying fines.
1. Consult and confirm a mitigation plan
 2. Identify species listed in Columns 3 & 4 that will likely be affected
 3. Confirm reasonable steps taken to minimize adverse effects on species
 4. Ensure actions planned to support species at location of construction are completed within 1 year
 5. Monitor effectiveness of mitigation for a period of 5 years
 6. Complete Natural Heritage Information Centre Rare Species Reporting Form for any observed species at risk
 7. Manage and follow up on sustainability of rare species
 8. Lay fines if mitigation in violation

AFTER JULY 1, 2015

MNR

- Enforcing and laying fines.
1. Enforcing and follow-up on rare species reports
 2. Lay fines if in violation

Municipality of Chatham-Kent

Planning and implementing with support from MNR

1. If a species at risk is identified, consult with MNR on appropriate mitigation
2. Carry out mitigation as requested by MNR

Municipality of Chatham-Kent

Oversight, planning and regulating

1. Consult and confirm a mitigation plan
2. Identify species listed in Columns 3 & 4 that will likely be affected
3. Confirm reasonable steps taken to minimize adverse effects on species
4. Ensure actions planned to support species at location of construction are completed within 1 year
5. Monitor effectiveness of mitigation for a period of 5 years
6. Complete Natural Heritage Information Centre Rare Species Reporting Form for any observed species at risk

Impact:

- Inspect 12 worksites per day; requires 4 additional personnel to manage (\$500k annually)
- Carry increased responsibility and liability
- Must determine the priority of "ESA" vs "The Drainage Act" while being subject to penalties from each



The Municipality of West Elgin

September 30, 2015

Lower Thames Valley Conservation Authority
c/o Mr. Don Pearson
General Manager/Secretary-Treasurer
100 Thames Street
Chatham, ON N7L 2Y8

RECEIVED

OCT 01 2015

LOWER THAMES VALLEY
CONSERVATION AUTHORITY

Dear LTVCA Board of Directors:

RE: PROPOSED BUDGET LEVY INCREASE

Please be advised that the Council of the Municipality of West Elgin passed the following resolution at their meeting held on September 24, 2015:

DULY MOVED AND SECONDED

RESOLVED that the Report - Lower Thames Conservation Authority Levy increase dated September 24, 2015 from the Clerk be received;

AND THAT Council does not support the proposed increased levy of \$60,924 (increased from \$38,072 for West Elgin).

DISPOSITION: Carried

Should you have any questions please contact the undersigned.

Yours truly,

Handwritten signature of Norma I. Bryant in cursive.

Norma I. Bryant, HonBA AMCT
Clerk

22413 Hoskins Line, Box 490, Rodney, Ontario N0L 2C0 Tel: (519) 785-0560 Fax: (519) 785-0644



Municipality of Chatham-Kent

Chief Administrative Office

315 King Street West, P.O. Box 640

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ITEM 6(c)

October 9, 2015

RECEIVED

OCT 16 2015

**LOWER THAMES VALLEY
CONSERVATION AUTHORITY**

Lower Thames Valley Conservation Authority
100 Thames Street
Chatham, ON N7L 2Y8

Attention: John Kavelaars, Chair

Dear Mr. Kavelaars:

On Monday, June 22, 2015 Council directed all municipal departments and requisitioning bodies to prepare draft 2016 budgets for Council's consideration with:

- A starting position of a net tax impact not to exceed the Bank of Canada target inflation rate of 2.0%

In order to achieve Council's direction, we are asking your organization to include the following information in your 2016 budget requests:

- a) The minimum resources required to deliver the same base level of services that were delivered in 2015.
- b) If a) above is greater than 2015's requirement, please provide descriptions and costings of service level adjustments (in increments of 0.5% of your 2016 request) that Council can consider implementing in order to achieve its budget target of 2.0%
- c) For any new levels of service or special projects being proposed for 2016, please provide the following:
 - a. A detailed description and costing of the proposed service/project
 - b. Options to offset the additional resources needed by reducing an existing service(s) that is not already included in b) above.

Please be assured that Council is keenly aware of the operating pressures your organization continues to be faced with as you delivery services to our citizens. Today's economic climate is once again forcing Council to ensure it has all the information required to allocate scarce resources to a myriad of municipal service challenges.

In order to meet our 2016 budget time line, we require your 2016 budget proposal, complete with the options described above, by Friday, November 6, 2015.

Thank you for your continued support. If you have any questions or concerns, please don't hesitate to contact me or applicable staff.

Sincerely,

A handwritten signature in cursive script that reads "Shropshire".

Don Shropshire
Chief Administrative Officer
Municipality of Chatham-Kent
email don.shropshire@chatham-kent.ca

mk/mm

C Mike Turner, Chief Financial Officer & Treasurer
Mary Lou McLeod, Director, Budget & Performance Services

Re: Water Related Issues, Initiatives & Activities

i. FLOOD EVENTS

Since the last Board of Directors meeting there have been no Flooding nor Low Water events of significance in the jurisdiction of the LTVCA. There were a couple of instances of localized flooding due to high lake levels and strong winds from the east noted over the weekend of October 2nd through the 4th. Crashing waves on the Erieau pier caused flooding of an adjacent parking area. On the 3rd, a sand blockage occurred at the outlet of the Beaver Creek Drain at the end of the Bisnett Line near Erieau. The blockage trapped the water being pushed into the outlet by wave action and eventually overtopped into a low lying area of the adjacent campground. The municipal drainage superintendent noticed this shortly before LTVCA staff and had the sand excavated away relieving the flooding. During this same event, there was flooding again along the shoreline west of Wheatley in ERCA's jurisdiction.

Item #7 (b)

Re: Source Protection Plan Approved

Under the Clean Water Act, Conservation Authorities have also been designated as Source Protection Authorities. Under the Act, the Source Protection Authority Board must meet to conduct certain business. Since providing general information to the membership is not something that necessarily needs to be conducted at a meeting of the Source Protection Authority, often the information is presented to the Conservation Authority Board through its regular meetings.

Last November, the Lower Thames Valley Source Protection Authority passed a motion directing staff to submit the Thames-Sydenham and Region Source Protection Plan (TSR SPP) to the Ministry of Environment and Climate Change (MOECC) for approval once completed. Revisions were made to the TSR SPP based on a final round of public consultation last January and the Plan was submitted to MOECC on March 15, 2015. A review by the MOECC staff resulted in some minor changes and the report was then resubmitted for final approval on September 11, 2015.

On September 16th, updated Assessment Reports for the Thames-Sydenham and Region Source Protection Region (TSR SPR) were approved by the Director, the designate of the MOECC as provided for under the Act. The following day, September 17th, the Source Protection Plan for the TSR SPR was approved by the Minister for the MOECC.

A four paragraph report seems a little anticlimactic after nearly a decade's worth of work leading up to the approval of the TSR SPP. However, this is certainly not the end of the program. As the majority of the work has now been completed, there will be some restructuring of staff resources to meet the new reality of the workload moving forward. In the near future, Source Water Protection program staff will be offering workshops designed to assist the municipalities in implementation. Staff will also have a continuing role in implementation and progress reporting. In addition, as part of the approval of the TSR SPP, the Minister has ordered that a work plan be submitted which will determine review and update timelines for the TSR SPP.

Re: Divisional Court Decision – Gilmore vs. NVCA

On September 9th, 2015, the Superior Court of Justice Divisional Court released a decision on the case of Gilmore et al. v. Nottawasaga Valley and The Township of Amaranth. This case was an appeal of a Conservation Authority Regulation permission denial from the Nottawasaga Valley Conservation Authority to the Mining and Lands Commission which was then appealed to the Divisional Court. The judge in this case decided that the "Correctness" standard could be applied to the ruling. In essence, this means that the judge is not ruling on whether the CA acted appropriately in the administration of its legislation based on precedence, but rather goes straight back to the legislation to determine whether the legislation was applicable and applied properly. In doing this, the judge interprets the legislation itself, not just how it has been administered in the past, and that interpretation goes into the ruling.

In interpreting the Conservation Authorities Act in his ruling, the judge made several assertions on how the legislation is to be applied that differs substantially from how the Ministries and Conservation Authorities have been interpreting and administering the CA Act for years. The judge stated that the Conservation Authority and Mining and Lands Commission "erred in finding that the legislator's primary intention was clearly to prohibit development in certain areas" (i.e. Regulated Areas) and "that there is no statutory foundation for a presumed general prohibition on development". Furthermore, the judge stated that "it is only development that affects the control of flooding that may be prohibited, regulated, or subject to a requirement for prior permission." (This case was a floodplain case, but the interpretation would be applicable to any regulated area.). The ruling states that the "right to review, grant or withhold permission to develop ... only arises in cases where a proposed development is first found to have an effect on flood control or one of the other criteria listed .."

The problem for the Conservation Authorities with this ruling is that if there is no general prohibition, the entire body of CA legislation is turned on its head. The legislation as written does not specify that someone looking to conduct development in a Regulated Area needs to come see the CA for review and permission for the development. In fact, the legislation requires the general prohibition to force a proponent to come in to the CA for a review and to seek the permission of the Authority on penalty of being found in violation of the general prohibition.

By saying that the "right to review, grant or withhold permission to develop ... only arises in cases where a proposed development is first found to have an effect on flood control or one of the other criteria listed ..", the judge is requiring proof of an affect in advance for the CA to have any jurisdiction. As stated this includes the right to review a development proposal. This could be a very difficult standard to meet as CAs can't possibly enumerate in advance all the possible development alternatives that may trigger an affect. It would place a heavy burden on our Policies to act as some kind of proof. It could also mean that if policies don't exactly cover their type of development, proponents would not need to seek permission. Most importantly, without a right to review, the CA's hands are largely tied. It is difficult to understand how the CA can have a right to withhold permission if it has no right to review a development and has to wait for the development to actually occur and produce an effect to be able to exert its right to withhold permission for which it is already too late.

If the judge's interpretation stands, it will also have an impact on enforcement. All CAs now interpret the legislation as saying that because development was undertaken without permission, therefore, the proponent is in violation of the Regulation, regardless of any affect. With this judge's ruling every case will require proof of affect. This will substantially increase the cost of all enforcement activities for CAs. There are also a series of assertions in the judge's ruling stating that the Conservation Authority is not allowed to prohibit development based on safety issues alone. Safety could only be taken into

consideration together with one of the CA's five test (Flooding, Erosion, Dynamic Beaches, Pollution, Conservation of Land). The example from the case was that a proposal for a floodproofed home in a regulated area which didn't affect flooding on any other properties, could not be denied on the basis that the residents would be trapped in the house without access to municipal emergency services under a flood situation.

The Nottawasaga Valley Conservation Authority is seeking leave to appeal the Divisional Court decision. It is also hoped that one of the relevant ministries such as the MNR will support the appeal, if granted, or consider amendments to the legislation and regulation should leave to appeal not be granted. Until such a time as directed by a higher authority, the LTVCA will continue to enforce its regulation in accordance with current policy.

ii. Applications for Permission under Ontario Regulation 152/06 (CA Act)

Staff Report		LTVCA Regulation Log Book 2015		ITEM #7 (c)ii		B.D. 10/22/15	
APP#	APPLICANT	LOT	CON/PLAN	TOWN/CITY	MUNICIPALITY	APPLICATION TYPE	DECISION
2015 Files							
48-2015	Emerald Acres Inc. c/o John R. Sloan	7	7	Zone	Chatham-Kent	Construction	Granted: September 14, 2015
85-2015	Spales, John	170	TRWN	Tilbury East	Chatham-Kent	Construction	Granted: October 7, 2015
89-2015	Port Glasgow Yacht Club c/o Ron Fox	6	14	Aldborough	West Elgin	Alteration	Granted: August 21, 2015
111-2015	Municipality of Southwest Middlesex c/o Elizabeth Jeffery	12 to 22	1 to 4	Elfrid	Southwest Middlesex	Alteration	Granted: August 17, 2015
112-2015	Municipality of Chatham-Kent c/o Mike Demers	20	1	Harwich	Chatham-Kent	Alteration	Granted: August 18, 2015
113-2015	Municipality of Chatham-Kent c/o Mike Demers	20	1	Harwich	Chatham-Kent	Alteration	Granted: August 18, 2015
114-2015	Flynn, Madeline	57	359	Harwich	Chatham-Kent	Construction	Granted: September 14, 2015
115-2015	Atkinson, Carl & Maureen	7	1048	Lighthouse Cove	Lakeshore	Construction	Granted: August 18, 2015
116-2015	Municipality of Chatham-Kent c/o Blaise Chevalier	14	1	Howard	Chatham-Kent	Alteration	Granted: August 17, 2015
117-2015	Municipality of Chatham-Kent c/o Dawn Antheunis	7 to 9	6	Raleigh	Chatham-Kent	Alteration	Granted: August 10, 2015
118-2015	Municipality of Chatham-Kent c/o Blaise Chevalier	5	9	Howard	Chatham-Kent	Alteration	Granted: August 21, 2015
119-2015	Municipality of Chatham-Kent c/o Blaise Chevalier	10	1	Howard	Chatham-Kent	Alteration	Granted: August 21, 2015
120-2015	Municipality of Leamington c/o Lu-Ann Barreil-Lindsay Dean	7	8	Mersea	Leamington	Alteration	Granted: September 2, 2015
121-2015	Dawson, Paul	44-45, 130, 130	359	Harwich	Chatham-Kent	Construction	Granted: September 3, 2015
123-2015	Municipality of Chatham-Kent c/o Dawn Antheunis	10	2	Tilbury East	Chatham-Kent	Construction	Granted: September 24, 2015
124-2015	Keller, Fred	13	SENETR	Southwold	Southwold	Construction	Granted: September 22, 2015
125-2015	Baute, Brian & Jeannine	10	2	Tilbury East	Chatham-Kent	Construction	Granted: September 24, 2015
126-2015	Spencer, Andrew & Michelle Penney	32	386	Harwich	Chatham-Kent	Construction	Granted: October 5, 2015
127-2015	Blais, Sylvie & Randy Horvath	80	824	RBE	Chatham-Kent	Alteration	Granted: September 25, 2015
128-2015	Municipality of Southwest Middlesex c/o Elizabeth Jeffery	3	R2S	Elfrid	Southwest Middlesex	Alteration	Granted: September 10, 2015
129-2015	Municipality of Southwest Middlesex c/o Elizabeth Jeffery	7	1	Mosa	Southwest Middlesex	Alteration	Granted: September 10, 2015
130-2015	Municipality of Southwest Middlesex c/o Elizabeth Jeffery	1	R1N	Mosa	Southwest Middlesex	Alteration	Granted: September 10, 2015

131-2015	Municipality of Chatham-Kent c/o Blaise Chevalier	17	Range TL	Howard	Chatham-Kent	Alteration	Granted: September 16, 2015
132-2015	Municipality of Dutton/Dunwich c/o Laurie Spence Bannerman	8,9	3	Dutton	Dutton/Dunwich	Alteration	Granted: September 24, 2015
133-2015	Municipality of Southwest Middlesex c/o Elizabeth Jeffery	16	2	Mesa	Southwest Middlesex	Alteration	Granted: September 24, 2015
134-2015	Vanthuyne, Marc & Cheryl	11	24	Chatham	Chatham-Kent	Alteration	Granted: September 23, 2015
135-2015	Municipality of Chatham-Kent c/o Blaise Chevalier	25	Range TL	Howard	Chatham-Kent	Alteration	Granted: September 17, 2015
136-2015	Spencer, Murray & Gail	33	398	Harwich	Chatham-Kent	Alteration	Granted: October 5, 2015
137-2015	Ogden, Melissa	430 to 431	421	Harwich	Chatham-Kent	Alteration	Granted: October 5, 2015
138-2015	Municipality of Chatham-Kent c/o Eric Westenberg	13	6	Dover	Chatham-Kent	Alteration	Granted: October 5, 2015
139-2015	Township of Southwold c/o Brent Clutterbu	4,5	3	Fingal	Southwold	Alteration	Granted: September 24, 2015
140-2015	Ducedre, John	36	755	Eneau	Chatham-Kent	Construction	Granted: October 2, 2015
141-2015	Municipality of West Elgin c/o Pete MacMill	12	6	Aldborough	West Elgin	Alteration	Granted: September 23, 2015
142-2015	Municipality of West Elgin c/o Pete MacMill	20	8	Aldborough	West Elgin	Alteration	Granted: September 23, 2015
143-2015	Municipality of West Elgin c/o Pete MacMill	18	4	Aldborough	West Elgin	Alteration	Granted: September 23, 2015
144-2015	Municipality of West Elgin c/o Pete MacMill	2	1	Aldborough	West Elgin	Alteration	Granted: September 23, 2015
145-2015	Municipality of Chatham-Kent c/o Dhana N	24	1	Harwich	Chatham-Kent	Alteration	Granted: October 7, 2015
146-2015	Humphrey, John & Jean	426 to 427	421	Harwich	Chatham-Kent	Alteration	Granted: October 5, 2015
147-2015	Dietrich, Mary & Marilyn Bray	426 to 427	421	Harwich	Chatham-Kent	Alteration	Granted: October 5, 2015
148-2015	Trotschaud, Dave	430	421	Harwich	Chatham-Kent	Alteration	Granted: October 5, 2015
149-2015	Schieman, Tim	22	108	Shrewsbury	Chatham-Kent	Construction	Granted: October 8, 2015
152-2015	Abreu, Paul & Jaimie	23	3	Chatham	Chatham-Kent	Construction	Granted: October 8, 2015

Recommendation: That applications: 49-2015, 65-2015, 89-2015, 111-2015 to 121-2015, 123-2015 to 149-2015, 152-2015 be ratified.

Re: Conservation Services

GREENING PARTNERSHIP

i. Grants

Staff applied to the *Great Lakes Agricultural Stewardship Initiative* GLASI program and were successful in acquiring **\$750,000** from the Ontario Soil and Crop Association. Funds will go to the Jeanette's Creek sub watershed area, which will consist of water quality equipment, the hiring of a Water Quality Technician, and financial assistance to landowners in the study area to implement cover crops into their rotation.

Staff have been working with MNRF and have acquired over \$150,000 in funds from the Canada-Ontario Agreement (COA). Money will be used for Land Stewardship activities in Rondeau Bay, and Jeanette's Creek watersheds.

ii. Prairie

15 acres of Tall Grass Prairie were broadcast seeded at the 100 acre Myslik restoration site on Campbell line in Harwich township, Chatham, Kent. Seed was supplied by Ontario Nativescape, with Greening Partnership staff supplying the equipment and labour.

iii. Wetlands

Excavations on private lands continue, with 3 new projects since our last meeting. The 140 acre Enbridge restoration project at Clear Creek has started this week, which will entail 3 main ponds going in this fall.

iv. Greenhouse

Greening Partnership staff continue to utilize this facility for large stock tree plantings. This fall 300 potted stock were ordered in from Winkelmolens Nursery. Trees will be planted out at schools, CK Parks, Cemeteries and some private lands.

v. Natural Heritage Implementation Strategy (NHIS)

In 2014 CK Council directed LTVCA staff to implement 30 recommendations that would guide the program toward success. One such recommendation was the involvement of council members, private landowners and partners on an annual bus tour of projects. On Oct.23 staff hosted a "Phosphorous Reduction Tour" of Rondeau Bay, with over 50 people in attendance.

vi. OMAFRA Research Project Update, McLean Conservation Lands

On August 14th Colin Little (LTVCA), Richard Brunke (OMAFRA), and Stephen Clarke (SCRCA) surveyed the topography around the pump house at the McLean Conservation Lands to determine the most effective way to install the ISCO auto-sampler. Additionally, the pump house was assessed and it has been deemed that upgrades must be made to improve the structural integrity of the pump house in order for

the ISCO to be safely and effectively installed. This includes reconstructing the flooring so it is safe for employees, as well as improving the electrical capacity of the structure to ensure the ISCO can remotely sample when the pump is running. The upgrades will be completed this fall. Once the pump house renovations are complete, the ISCO auto-sampler will be installed and ready to begin collecting water quality samples for the spring of 2016.

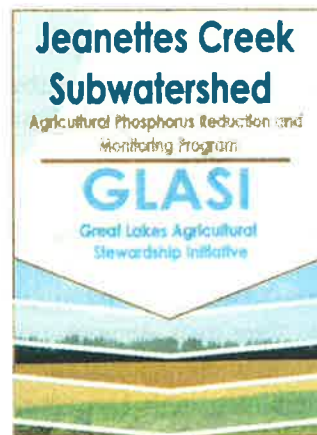
vii. Agricultural Specialist – Great Lakes Agricultural Stewardship Initiative (GLASI) - Priority Subwatershed Project Approval

The LTVCA and the Agricultural Specialist were successful at obtaining funding for a new program for the Jeannettes Creek Subwatershed. The Agricultural Phosphorus Reduction and Monitoring Program will occur from 2015-2018 and will evaluate the effectiveness of a focused stewardship approach at achieving measurable improvements in soil health and water quality. The program will focus on providing farmers with cost-shares to implement the following agricultural best management practices over the 3 year period:

- Cover Crops
- Alternative Phosphorus Application Practices
- Crop & Field Nutrient Management Plans

Additionally, the program has been designed to rigorously monitor reductions in the edge-of-field losses of soil sediment and nutrients, with a particular focus on phosphorus.

Support for this project was provided by the OSCIA through the GLASI Priority Subwatershed Project funded by OMAFRA and Agri-Food Canada through Growing Forward 2. The grant will provide the LTVCA with \$750,000 over 3 years. The funding will be used to provide cost-shares to farmers to implement the identified BMPs, to establish an extensive soil and water quality monitoring network in Jeannettes Creek, and to provide funding to supplement the cost to hire a Water Quality Monitoring Technician. The program will be launched in late October, so we ask that you refrain from sharing this information for the time being.



viii. Species At Risk Job Posting

Position has been filed internally by Lindsay Bennett-which will work with CK Drainage Superintendents, MNRF and private landowners to implement grass buffers, promote best management practices and complete drain assessments.

Re: Conservation Areas

i. 2015 June 1 – September 30 Visitation / Camping Stats

Longwoods Road Conservation Area – 5,415 people (6,868 in 2014)
(includes 2 people per pay & display permit (transaction)
Pay and Display Permits - 785 vehicles (630 in 2014)

E.M. Warwick Conservation Area – 1,750 (932 in 2014)

Big Bend Conservation Area – 1,127 people (976 in 2014)

C.M. Wilson Conservation Area – 12,892 (11,230 in 2014)
(includes 2 people per pay & display permit (transaction)
Pay and Display Permits – 661 vehicles (164 in 2014)

WESTERN DISTRICT CA's

McGeachy's Pond

New signage was installed at McGeachy's Pond CA.

EASTERN DISTRICT CA's

Longwoods Road Conservation Area

Spraying of Longwoods wheelchair trails (Sept. 8th) and resurfacing of Carey Carolinian Arboretum and Trail with chip and dust (Sept. 22, 23, 25). (Wheelchair accessibility)

Resurfacing of Longdo Trail with chip and dust. (Sept. 10, 11 with the volunteer help of a London Montessori school group) (Wheelchair accessibility)

Cutting of dead ash trees.

Sharon Creek

Spraying of tallgrass prairie – September 8th

Re: Community Relations

- **Media releases** are written as needed for 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, Ska-Nah-Doht Village Advisory Committee, LTVCA staff, neighbouring Conservation Authorities and Conservation Ontario. They are also posted on the Conservation Authority's website and Facebook pages.

Since August 7, 2015 to the time of writing, three media releases have been written (attached)

- **"Fall experiential learning activities"**
Outdoor Education Programs at Longwoods Road Conservation Area!
September 16, 2015
- **Annual Chatham-Kent & Lambton Children's Water Festival Pulls Plug**
September 22, 2015
- **"Tastes of Fall" Event at Longwoods Road Conservatio Area to Feature "Sisters of All Nations Singers" Sunday, October 4, 2015**
September 30, 2015

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

In the works is a media release/article about the LTVCA's monitoring programs. It will overview our new Benthic program and discuss our current Provincial Water Quality Monitoring Network (PWQMN) for surface water and the Provincial Ground Water Monitoring Network (PGMN).

- **Displays and Exhibits** are created to update programs and information for the public. Interpretive signage for the outside of the kiosk is next to explain about the native gardens.
- **Advertisements** have been taken out in the tourist guides for Chatham-Kent, Middlesex and Elgin for C.M. Wilson and Longwoods Road Conservation Area.
- **Presentations** are given to community groups upon request. Support is provided to staff for official openings, funder recognition ceremonies and community events upon request.
- **Committees and Meetings:** Staff attended meetings of the Thames-Sydenham and Region Source Protection Region's communications team as they develop communication products for the Source Protection Plan development. As well, staff attended the Source Protection Committee meetings. Staff participate on planning committees which meet regularly for the Children's Water Festival – Chatham-Kent and Lambton.
- **The LTVCA's new website and social media (YouTube, Twitter and Facebook)** are updated daily with current/relevant Conservation Authority information and events. The website address is

Media Release
For Immediate Release
September 16, 2015



“Fall experiential learning activities”

Outdoor Education Programs at Longwoods Road Conservation Area!

Mount Brydges – Attention teachers! Book your class for a fall conservation or native studies outdoor program at Longwoods Road Conservation Area and the Ska-Nah-Doht Village and Museum. The park is buzzing with the autumn calls of the bluejays, the drumming of woodpeckers, the rustling of squirrels and chipmunks and the sounds of school children learning in the great outdoors! Offered year-round, our programming is very popular especially in the fall. Students arrive from as far away as Windsor, Woodstock, Stratford and Sarnia, and as nearby as Delaware and Mount Brydges. From Junior Kindergarten to Secondary School, College and University, and English as a Second Language – students of all ages enjoy the outdoor and museum studies at Longwoods Road Conservation Area. Introducing New Canadians to our heritage and the environment in a natural setting is an experience that cannot be duplicated in the classroom.

Learn about Native communities 1,000 years ago on a tour of a longhouse at Ska-Nah-Doht Village, search for creatures at the marsh, or experience a Carolinian forest - all programs are engaging, fun and directly linked to the Ontario Curriculum. Over 25 different Outdoor Education Programs and eight Native Studies Programs are taught by experienced, qualified Conservation Authority staff. We will even bring some programs to your classroom! Several environmental programs are offered in Chatham-Kent at the C.M. Wilson Conservation Area. Visit our website at www.ltvca.ca and check out our education programs online. Give us a call at 519-264-2420 or email us at info@ltvca.ca regarding booking a field trip. We'd be happy to offer suggestions and tailor programs especially designed for your class!

Owned and operated by the Lower Thames Valley Conservation Authority, Longwoods Road Conservation Area's 155 acres of Carolinian forest, wetlands and ravine systems provide a variety of natural habitats to learn about the environment in the outdoors. Facilities are wheelchair accessible, including the Resource Centre / Museum, Ska-Nah-Doht Village, woodland bridges and boardwalk systems. Two hundred year old heritage log cabins offer unique teaching classrooms and shelter during the lunch time. Many schools enjoy bringing a barbecue lunch to have at the pavilion as a treat for their students.

Don't delay as preferred dates booked quickly! Visit us soon at Longwoods Road Conservation Area and Ska-Nah-Doht Village and Museum. We are located in the Municipality of Strathroy-Caradoc, just 6.5 km west of Delaware (half hour west of London) or 10 km east of Melbourne (one hour east of Chatham) at 8348 Middlesex County 2 (Longwoods Road), just southwest of Mount Brydges. Hope to see you soon!

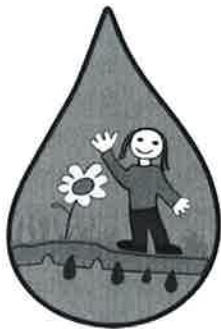
To Book a Field Trip Contact:

Lower Thames Valley Conservation Authority
519-264-2420
info@ltvca.ca www.ltvca.ca



**Media Release
For Immediate Release
September 22, 2015**

Annual Chatham-Kent & Lambton Children's Water Festival Pulls Plug



The 8th annual Chatham-Kent & Lambton Children's Water Festival has been cancelled for 2015 due to uncertainty around the ongoing Public Elementary Teachers' (ETFO) negotiations with the provincial government. As a result of the recent announcement by the ETFO regarding escalating job actions, the organizing committee for the event decided not to gamble on there being a sudden resolution to the dispute. The annual Festival, scheduled for September 29, September 30 and October 1 at the C.M. Wilson Conservation Area just south of Chatham, has been attended by over 10,000 elementary students from the Chatham-Kent & Lambton area since 2007.

The Festival is planned for elementary school attendance of over 1800 students - 600 participants each day of the 3 day event. As of Friday, Sept 18, only 110 students were registered for day 2 of the Festival. Historically, public elementary students have contributed to up to 75% of the annual attendance figures of this popular outdoor educational event. Without their participation, the set-up and running of the Festival, which involves 350 volunteers, sponsors, suppliers and other contracted services, and has been in the planning stages for the past 9 months, is just not feasible.

Cancellations of a number of other Children's Water Festivals across the Province have occurred over the past several weeks. Children's Water Festivals are part of a provincial network – the Children's Water Education Council (CWEC).

The Chatham-Kent & Lambton Children's Water Festival Committee would like to extend their thanks and appreciation to the large number of community groups and individuals for their support and sponsorship, and looks forward to being able to provide this unique educational experience in 2016.

**For more information please contact:
Don Hector –Festival Coordinator
Chatham-Kent & Lambton Children's Water Festival
226-881-2453**



Updated Media Release
For Immediate Release – September 30, 2015

**“Tastes of Fall” Event at Longwoods Road Conservation Area to
Feature “Sisters of All Nations Singers” Sunday, October 4, 2015**

The Lower Thames Valley Conservation Authority is privileged to present **“Sisters of All Nations Singers”** at Tastes of Fall on Sunday, October 4. They will be sharing their stories through songs that are inspired by traditional teachings and experiences at Longwoods Road Conservation Area.



The *Sisters of All Nations Singers* are a womens drum group based out of London Ontario and Western University. The group formed after taking a Cayuga music class taught by Sadie Buck of Six Nations. After learning about Haudenosaunee music and culture, a group of ladies from the class decided to perform the songs they learned at Kings University College. Ever since that event the group has been together, singing, performing as well as learning. All of the singers in the group are students at Western and also from different nations and communities. It is because of the

diversity of the group that the name Sisters of All Nations Singers came about. They have performed at many Western University events and throughout the community.

Also providing entertainment throughout the afternoon is folk rock duo *Jerry and Chris*, local favourites back by popular demand. This is a family friendly event with food sampling, wagon rides, local crafts and artisans. The event runs from Noon to 4:00 p.m. Longwoods Road Conservation Area is located at 8348 Longwoods Road, southwest of Mount Brydges, 6.5 km west of Delaware or 10 km east of Melbourne. Admissions are \$8.00 for adults, \$4.00 for youth and FREE for those under 6 or pay the Family Rate \$20.00 (2 adults and 2 or more children).

For more information contact:
Karen Mattila – Curator Ska-Nah-Doht Village and Museum
519-264-2420
www.ltvca.ca/SpecialEvents.htm

info@ltvca.ca www.ltvca.ca



To download a Guide to Conservation Areas in Ontario please visit <http://www.ontarioconservationareas.ca/>.

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.

- **Soft Launch of new Conservation Authority logo:** Introducing the new Conservation Authority logo continues.
- **Lower Thames Valley Conservation Foundation Directors' Meeting** September 8, 2015 postponed to later date.
- **Events** in conservation areas include:
 - **Night Hikes and Night Legends** at Longwoods Road / Ska-Nah-Doht (8 Tuesday evenings July and August) – 129 attended
 - **Jazzing Up the Park** – September 12, 1:30 – 4 (Longwoods/Ska-Nah-Doht) 14 attended
 - **McKinlay Memorial Forest Dedication Service** - September 13 (C.M. Wilson) 1,000+ attended
 - **Badder Memorial Forest Dedication Service** – September 20 (Mosa/Bothwell Forest)(Skunks Misery) 300+ attended
 - **Invitational Cross-Country Running Meet** at Longwoods (Thames Valley District School Board) – Sept.24 – 650 kids, 840 spectators (\$1,156 at gate)
 - **Tilbury Northside Park Memorial Forest Dedication Service** – September 27 (Tilbury Northside Park) 30+ attended
 - **Chatham-Kent and Lambton Children's Water Festival** – September 29 – October 1 (C.M. Wilson) – cancelled due to uncertainty around the ongoing Public Elementary Teachers' negotiations with the province.
 - **Tastes of Fall at Ska-Nah-Doht** – October 4, noon-4 (Longwoods/Ska-Nah-Doht) 37 attended
 - **Southwest Regional Cross-Country Running Meet** at Longwoods (Thames Valley District School Board) – October 6 – stats and gate receipts not available at time of writing

 - **Season's Greetings at Longwoods** – November 29, noon-4 (Longwoods Road Conservation Area)
- **Publications:** Community Relations staff assist Conservation Authority staff with publications as needed.
- **Courses/Certification:** Staff keep current by attending appropriate courses as needed. Attending the Conservation Ontario – Latornell Conservation Symposium November 17-19, 2015
- **Applications**

An application to the TD Friends of the Environment Foundation for funds to produce new trail signage and/or complete trail repairs at Longwoods Road Conservation Area was submitted in July. We were successful and receive \$3,220.00.

As well, Longwoods Road Conservation Area and Ska-Nah-Doht Village and Museum have been selected by the Ivey School of Business to be used as a case study by their students. This study will be started in the fall and will benefit us in that the outcomes will help steer future marketing for the park.

Re: Conservation Authority Education

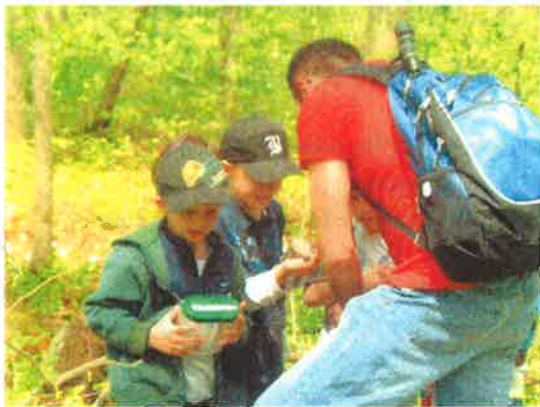
Conservation Youth Group Workshops

Workshops are performed at Longwoods Road Conservation Area and LTVCA outreach locations to youth and their leaders. Youth groups work towards badges for various outdoor activities.

Total number from June 1 – September 30, 2015 - 67 (74 in 2014)

Conservation Field Trips for Students

Total number from June 1 – September 30, 2015, 415 students and 87 adult supervisors participated in field trips to Longwoods Road Conservation Area. (428 students and 102 adults in 2014)



Conservation Classroom Programs and Outreach

There were 0 in-class programs conducted from June 1 – September 30, 2015 (26 students and 1 adult in 2014)

Chatham-Kent and Lambton Children's Water Festival

What was to be the 8th annual Chatham-Kent & Lambton Children's Water Festival was cancelled due to uncertainty around the ongoing Public Elementary Teachers' (ETFO) negotiations with the provincial government. (see attached media release for details).

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

Total number from June 1 – September 30, 2015, 923 students and 183 adult supervisors participated in field trips to Ska-Nah-Doht. (967 students and 207 adults in 2014)

Public Village Workshops and Tours

Workshops are performed at Ska-Nah-Doht Village for youth and their leaders. Youth groups work towards badges for various native study activities.

Public Tours from June 1 – September 30, 2015 – 17 (160 in 2014)

Workshops from June 1 – September 30, 2015 – 43 (0 in 2014)

Re: Wheatley Two Creeks Association

Minutes of Regular meeting held on **August 6th 2015** – Wheatley Legion

ATTENDANCE: Rick & Forest Taves, Linda Pearce, Pauline Sample, Mike Diesbourg, Gerry Soulliere, Phil Humphries, Ron Haley, Lorna Bell, Larry McDonald, Mariette Preyde, Craig Willett, Bruce & Marj Jackson

MINUTES: Moved by Marj, sec by Craig minutes be accepted as printed (Carried)

REPORTS:

MEMORIAL GROVES: Linda reported there are two benches and seven trees to date for dedication. Water Tank has been placed in grove.

PROPERTY & EQUIP: 1) Bush Hog Mower has been repaired (again).....seems to be an on going thing. Sent a Thank You note to Wayne Wright for his help in getting it operational again. Discussion on 'What to do' Buy another used or buy new? 2) Lee Penfold has installed another hydro outlet at the Weil's Stage. 3) Phil and Rick have been trimming some trees off trails. 4) In next week to have a walk through and flag low lying areas on trails requiring a culvert or tile along with some stone. 4) Hummingbird Bridge and Walnut Bridge require immediate attention. Rick will schedule a site visit to determine what needs to be done. Mike offered some input on obtaining material for bridges. 5) Survival rate on trees planted in Spring is good.

CONCERTS: Ron summarized Concert status to date. Due to weather etc crowds have been somewhat smaller therefore hat collections have taken a hit. However with factoring in the \$4000. Chatham Kent Concert Grant we should come out in the black. Perhaps on our next year's flyer re concerts we should change the wording from 'Free but the hat is passed' to 'The hat is passed to help pay for the musicians.

ENVIRONMENTAL AWARENESS: Mike took care of disposing of 133 pounds of batteries. (Thanks Mike)

FINANCIAL: Ron presented his monthly Financial Report. Moved by Larry, sec by Linda report be accepted as presented. (Carried) Ron also presented a "draft" budget February 1 2015 to January 31, 2016. Discussion followed.

CORRESPONDENCE: Request to reserve Pavilion for Sept 5, 2015

OLD BUSINESS: None

NEW BUSINESS: Rick & Forest will host a get-to-gather for all Board members at their place on Saturday August 15th. Forest will be sending out an E-mail re 'What to Bring'
Craig moved for adjournment at 8:35 p.m.

Marj Jackson
Secretary

Wheatley Two Creeks Association - **October 1, 2015** - Wheatley Legion

Attendance: Rick & Forest Taves, Dave Derbyshire, Dave & Sharon Light, Gerry Soulliere, Mike Diesbourg, Joe & Ginette Pinsonneault, Craig Willett, Larry Mc Donald, Ron Haley, Phil Humphries, Pauline Sample. Linda Pearce, Lorna Bell

Linda Pearce acting as recording secretary in absence of Marj Jackson.

AGENDA: Motioned by Pauline, seconded by Larry : that the agenda be accepted as outlined. CARRIED

MINUTES : Motioned by Linda, seconded by Phil : minutes be accepted as written. CARRIED

REPORTS:

MEMORIAL GROVES: Memorial service well attended. Derek Perry conducted the service and Andrew Taves performed.

Four trees and a bench to be dedicated for 2016 –1 tree for A.M. Marnoch, 2 trees by The Lights, 1 tree for Linda Armstrong, 1 bench by Trudy Brown

PROPERTY & EQUIPEMENT: Joe has made handrails for the bridges. Gravel has arrived and needs to be spread. A work bee is scheduled for Sat. Oct. 3 @ 9A.M.

An order has been placed for tractor repairs -2 wheels & 1 tire.

Bridge work continues on Marsh, North and Flood Plains. Treads were laid on North Bridge. Marsh Bridge was lifted. Phil replaced the sign there also. Flood Plains Bridge bounces and needs to be stabilized. Walnut Bridge needs work.

Discussed dead wood removal and / or possible wood chips and / or leaving it to rot. Trees need to be ordered soon for Spring arrival. Still no bill presented by LTVA for 2015 planting.

Bruce has been watering the trees.

CONCERTS: Ron presented financials on 2015 concert season. (PAGE INCLUDED WITH MINUTES)

Successful year considering the slow wet start to the season Soon need to apply for C-K Grant. Still trying to get Two Creeks to be part of C-K budget.

Concert flyer for 2016 has been reorganized and posters to be printed on heavier stock approved by Sheila Morans. Approval of flyer and heavier stock for posters motioned by Lorna, seconded by Joe. CARRIED.

Two Creeks will continue to sell buttons in 2016 using brighter colours ie yellows, oranges, lime greens for better visuals for people passing the hat motioned by Lorna, seconded by Gerry. CARRIED.

Environmental Awareness to be taken off the agenda to become part of Property & Equipement report motioned by Joe, seconded by Gerry. CARRIED

Finance: Ron presented monthly financial report. (PAGE INCLUDED WITH MINUTES) Motioned by Larry, seconded by Phil that the report be received. CARRIED

GIC for Perpetual Care was renewed for October.

CORRESPONDENCE: Scouts to hold Jamboree in early November. Their concerns were will the water be left on?, and would like to use fire rings. We decided the water question would be reliant on the weather.

Fire rings to be used on the gravel lanes only and cleanup to follow after their use. Motioned by Phil, seconded by Mike. CARRIED

Rick to inform the Scouting group.

NEW BUSINESS: Musical entertainment group consisting of Rick, Ron, David, Dave & Sharon, Mike, Joe, Pauline, Lorna, Gerry, Dale and Mariette to meet later this month to discuss musical performers for 2016 Concert season.

Work party for bridges at Two Creeks Saturday Oct. 3, 2015 @ 9 a.m.

ADJOURNMENT: Linda moved @ 8:10 p.m.

Acting Recording Secretary,
Linda Pearce

Re: GM's Report

As indicated in the meeting notice, the Board's focus for the October meeting will be on several key initiatives that have been underway over the past year or so, beginning with the Elgin Shoreline Management Plan. This document will set the stage for a solid working relationship between the municipalities within Elgin County and the four Conservation Authorities, enabling a consistent approach to accommodating development/redevelopment while protecting these investments from the inevitable shoreline erosion that has been well documented over nearly a century.

The second important initiative is the LTVCA Strategic Plan. The Board will be provided with a presentation to supplement the written report, which will hopefully enable the members to support the directions set forth in the plan. Staff are excited to put the details into place in the form of work plans for the coming years, and the 2016 budget anticipates a significant investment necessary for success.

As indicated, the 2016 preliminary budget incorporates a significant levy increase to allow the addition of three critical positions – water management, conservation areas, and natural heritage/stewardship. These positions are necessary to enable the Authority to effectively meet its watershed mandate, re-establishing capacity in watershed management; conservation areas operations, and support of municipal planning and private land stewardship.

Finally, the Board will be asked to support completion of the renovation of the Administration Office, including finishing details inside the building – paint, flooring and work stations; coupled with the development of the newly designed parking lot. The transformation when finished will be remarkable, and will provide for the accommodation of future staffing requirements. Working conditions in and around the Administration building have been challenging but the improvements are obvious and greatly appreciated by staff and visitors alike. It is planned to complete the interior portions of this project by year end; and hopefully have the parking lot ready for final paving and planting in the spring.

RECOMMENDATION: That agenda items 7 (a) through to 7 (i) be received for information.

Re: Strategic Plan – Steve Sauder

Please find attached the Strategic Summary Report for your review. Steve Sauder will be presenting an overview of the process and summary results.

RECOMMENDATION: That the Strategic Plan be adopted as a guide for the LTVCA program for the next five years.



Lower Thames Valley Conservation Authority

***Strategic Plan Summary
2016-2021***



September 20, 2015

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Introduction

The development of the Lower Thames Valley Conservation Authority's (LTVCA) Strategic Plan 2016-2021 included four phases. Below is a brief outline of the phases:

Phase 1: Situational Analysis

A situation analysis was conducted to provide background information relating to the context in which LTVCA operates (utilizing SWOT methodology - Strengths, Weaknesses, Opportunities, Threats). Specific questions pertaining to LTVCA internal processes, organizational capacity, priorities, customers served, current challenges and opportunities for the future were included in an eSurvey. The results of the eSurvey are available in the Phase 1 Report.

Phase 2: Strategy Direction

Directors and Senior Managers utilized the results of the eSurvey to develop a vision, mission, values, and value proposition statement for the LTVCA. Details are available in the Phase 2 Report.

Phase 3: Strategy Themes

Staff built strategic themes utilizing the LTVCA vision, mission, values and value proposition statement. Details are available in the Phase 3 Report.

Phase 4: Strategic Objectives and Implementation Charts

Staff developed strategic objectives and implementation charts that align with the LTVCA vision, mission, values, value proposition table, and strategic themes. Details are available in the Phase 4 Report.

Summary of Results

The LTVCA Board of Directors and Senior Managers developed the following foundation to govern watershed initiatives.

Vision

The LTVCA...for a balanced and healthy watershed

Mission

Leading by example in environmental protection in partnership with the community

Core Values

- Respect
- Integrity
- Commitment
- Objectivity
- Collaborative

Value Proposition Table

<i>LTVCA Priority</i>	<i>Key Beneficiary</i>	<i>Key Benefit / Distinction</i>
Flood Control	Property Owners	Protection of Life and Property
Outreach and Education	Youth and Landowners	Increased Awareness and Appreciation
Hazard Regulations	Municipal Planners and Building Department	Responsible Decision Making
Stewardship	Landowners	Future Preservation
Environmental Monitoring	Government Agencies	Improved Consistency / Efficiency
Conservation Areas	Outdoor Enthusiasts	Improved Quality of Life

Strategy Themes

Staff developed these strategic themes as high-level strategies to guide the LTVCA decisions for the next five years.

Stakeholder Engagement

Through creativity & collaborative involvement, the LTVCA has established a valuable reputation.

Prioritized Programs

We have prioritized programs to be sustainable and connect our community with the natural environment.

Innovation & Collaboration

We prioritized efforts through collaborative methods driving innovation to create change.

Corporate Sustainability

A competent balanced workforce which provides value added services in an efficient, strategic manner with prioritized resources.

Strong Team Culture

A strong team culture based on trust and mutual respect; transparent in its processes and inclusive of new ideas.

Strategic Objectives

The following 12 objectives were developed by the LTVCA staff to direct their work and align with the strategy foundation.

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 Review
- 6) Strengthen Staff Stability (financial stability, attraction & retention)

Internal Processes Objectives

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

Capacity Building Objectives

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

Implementation Charts

The following implementation charts will be used to guide LTVCA annual work plans:

Customer/Beneficiaries Objectives

Objective	Ownership	Measurement	Candidate Initiatives	Budget Implications
1. Strengthen and Increase Collaboration with Community Stakeholders	Environmental Project Coordinator	Use present situation as baseline Initial media campaign for projects Workshop involvement Gauge response to above	Year 1- Determine baseline, i.e., current involvement/uptake Year 3- Assessing interest and response Year 5- Concrete number/acreage of implemented projects	Staff time Advertising costs Fuel, equipment, maintenance Inkind for grants
2. Increase the Awareness of the Value of Good Watershed Stewardship	Conservation Education Technician	Number of new partners Number of new project recipients Increased community involvement (response, participation)	Year 1- Research demand and messages needed, e.g., need for programs in West End, research need for education centre at Skunks Misery. Establish partnerships. Year 3- Meet programming and project needs identified from public input. Identify needs for improvement Year 5- Implement recommendations for improvement	Staffing Advertising (community and organization contacts) Resources (equipment, office supplies) Expenses for programming and community contact, travel

<p>3. Strengthen Brand Recognition</p>	<p>Communications Manager</p>	<p>Baseline recognition survey with landowners/stakeholders, follow up survey; # of signs that are standard, # of staff with CA identifiable clothing, # of vehicles with logos, e.g., magnets, tracking social media followers, tracking # of times LTVCA is in the media</p>	<p>Year 1 - Baseline survey, 10% signage/vehicles with consistent identity Year 3 - Clothing uniform policy for all seasons complete, 50% signage/vehicles with consistent ID Year 5 - 100% signage/vehicles with consistent ID, follow up survey</p>	<p>Cost for uniforms Magnet/vehicle identification costs Sign costs</p>
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Financial Objectives

Objective	Ownership	Measurement	Candidate Initiatives	Budget Implications
4. Improve Transparency and Understanding of Financial Statements	Financial Services Specialist & Management Team	Quarterly statements for each program reviewed with program managers	Year 1- Quarterly statements reflecting reality Year 3- Managers have adequate information and capacity for financial decisions Year 5- Managers manage budgets in collaboration with Todd	Budget neutral Budget neutral Budget neutral
5. Improve Capital Asset Review	General Manager, Financial Services Specialist & Management Team	Asset management plan in place Tangible capital assets Lifecycle budgets	Develop Asset Management Plans Year 1- Vehicles and equipment, intellectual/digital retention (property, security) Year 3- Conservation areas Year 5- Water management	To be calculated with plans (moderate)
6. Strengthen Staff Stability (financial attraction & retention)	General Manager, Management Team	Multi-year funding, diversity of funding sources, annual financial growth	Year 1- Increase municipal funding by \$220,000 Year 3- Increased federal & provincial funding Year 5- Double number of program staff	\$220,000 \$1,100,000

Internal Processes Objectives

Objective	Ownership	Measurement	Candidate Initiatives	Budget Implications
7. Improve Internal Communications	General Manager	Regular staff meetings Regular staff reviews Departmental meetings	Year 1 - Implement staff day/casual lunches once per month Year 3 - Clearly define processes for collaboration Year 5 - Clear understanding of department priorities and objectives	Neutral
8. Improve Internal Understanding of Roles & Responsibilities	General Manager (external review)	100% of staff job descriptions reviewed Staff quiz developed	Year 1 - Updated job descriptions and titles, and presentation of results to staff Year 3 - External review conducted/completed, and presentation of results to staff; strengths finder implemented for all staff Year 5 - Information dispersed, updated and a person put in place for upkeep of this information.	Cost for contractor/consultant
9. Improve Conservation Areas Operations	Conservation Areas Subcommittee	Issues tracking, attendance, surveys for customer satisfaction	Year 1 - Hire conservation areas manager, formation of CA committee, review gaps in current policies Year 2 - Operational policies in place and utilized Year 5 - Review and update policies	Salary, staff hours

Capacity Building Objectives

Objective	Ownership	Measurement	Candidate Initiatives	Budget Implications
10. Improve Human Resources	General Manager, and HR Team (Kally, Agnes, Stephanie, Val)	Clear written policy	Year 1- Create a committee to direct policy & needs/training (work-life balance) Year 3- New written policy completed Year 5- Review policy to ensure effectiveness	Staff time for subcommittee meetings
11. Improve Training Opportunities for Staff	General Manager, Management Team	All staff attending professional training sessions	Year 1- Determine training needs and job-share options, other opportunities Year 3- Staff summary of course usefulness, worth the cost, applicable, etc. Year 5- Staff confidence & creation of succession planning	Create budget around the needs
12. Strengthen Program Review Policy(s)	Management Team & Financial Services Specialist	All programs offered watershed wide, programs reviewed annually/ bi-annually	Year 1- Determine equality of program opportunities across the watershed Year 3- Improve financial and technical support in programs across watershed Year 5- Consistency of programs watershed wide	Funding for more staff/vehicles

Lower Thames Valley Conservation Authority

Strategic Objectives & Implementation



September 11, 2015

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Approach & Participants

On Friday, September 11th, 2015, LTVCA staff collaborated to build strategic implementation tables for the next 5 years.

Participants

LTVCA Staff

- Don Pearson – General Manager/Secretary-Treasurer
- Jason Wintermute - Water Management Supervisor/GIS Specialist
- Randall VanWagner - Environmental Project Coordinator
- Valerie Towsley - Resource Technician
- Todd Casier - Financial Services Specialist
- Kally Casier - Administration and Finance Assistant
- Jessica Schnaithmann - Regulation & Planning Technician
- Greg VanEvery - Environmental Technical Assistant
- Colin Little - Agricultural Specialist
- Lindsay Bennett - Land Stewardship Technician
- Stephanie Allison - GIS/Communications
- Karen Mattila - Village Curator
- Jerry De Zwart - Conservation Education Technician
- Mike Latham – Eastern District Lead Hand

Facilitator

- Steve Sauder, Kayak Consulting

Strategy Purpose & Objectives

Strategy Purpose

- Create a strategic plan that provides clear direction for staff, board and watershed residents for 2016-2021

Session Objectives

- Review Strategic Themes
- Develop 12-15 objectives meet the strategic themes
- Categorize the objectives as capacity building, internal processes, finances, or customers/beneficiaries
- Create strategy implementation tables for each objective including: ownership, measurements, budget implications, & candidate initiatives

Summary of Session Results

Strategic Objectives

The following strategic objectives were developed to meet the LTVCA strategic themes

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 Review
- 6) Strengthen Staff Stability (financial stability, attraction & retention)

Internal Processes Objectives

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

Capacity Building Objectives

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

Implementation Charts

The following implementation charts will be used to guide LTVCA annual work plans:

Customer/Beneficiaries Objectives

Objective	Ownership	Measurement	Candidate Initiatives	Budget Implications
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Next Steps

The LTVCA Strategic Plan will be presented to the Board of Directors on October 22nd, 2015. The presentation will include:

- Vision
- Mission
- Values
- Value Proposition Table
- Strategic Themes
- Strategic Objectives
- Objective Implementation Tables

Once approved the LTVCA Strategic Plan will be used for budgeting purposes and to direct annual work plans.

Session Notes

Strategic Objective Possibilities

Individuals and then small teams developed lists of potential objectives to meet the LTVCA strategic themes over the next 5 years. Participants were urged to start their objectives with improve, increase, or strengthen. The objectives explain how the LTVCA will meet the Strategic Themes.

Collaboration

- Strengthen and increase collaboration with community stakeholders (3)
- Increase outreach to municipalities on program needs
- Strengthen bonds with municipalities
- Increase investment with municipalities/board
- Strengthen community partnerships through collaboration
- Increase public input
- Strengthen community engagement "be seen"
- Increase partnership cooperation
- Improve public involvement
- Strengthen networking
- Engage youth in conservation programs
- Improve communications with stakeholders
- Strengthen relations with funding agencies and sponsors

Education

- Expand programs across the watershed (4)
- Increase education opportunities
- Increase education programming (West Side)
- Improve capability to service entire watershed

Financial

- Increase staff and internal resource capacity
- Strengthen contractual staff stability
- Increase staff to accommodate needs
- Increase workforce to help change
- Improve incentives for programs for improved involvement
- Increase funding for projects

- Increased funding to allow for expansion
- Increase capacity to take on more staff
- Increase understanding of CA financials
- Improve financial transparency for individuals and programs
- Improve our resources (Internet, software, vehicles)
- Improve organization (S: Drive)
- Improve staff resources and their organization
- Improve workspace privacy and efficiency
- Strengthen resources with better technology
- Strengthen capital assets
- Improve ability to attract and retain staff

Policy

- Improved internal operation policies
- Improve process to review park fees and what is offered
- Increase investment in parks – prioritize projects
- Increase frequency of program reviews
- Improve financial programs available to landowners outside of Chatham Kent
- Increase program successes watershed wide
- Strengthen programming by prioritization and focus
- Increase work life balance
- Strengthen work life balance
- Improve staff's ability to travel safely
- Improve human resources policy

Awareness/Brand

- Improve community understanding and recognition of our necessity as an organization
- Improve landowner awareness of the brand
- Strengthen public recognition of authority value
- Improve clarity
- Improve our relationship with the community (give out swag)
- Improve branding (uniforms, vehicles, swag)
- Strengthen brand recognition
- Improve process transparency
- Increase public awareness of the value of the watershed
- Strengthen trust with partners

- Increase visibility in the community with follow through and follow up with projects
- Improve public awareness of what we do
- Increased awareness of our mission
- Increase public awareness
- Strengthen environmental focus
- Increased public awareness of the value of good watershed stewardship
- Strengthen old and create new community ties
- Increase program base for broader public involvement

Training

- Increase staff experience/education (professional development)
- Strengthen skills (training, competency)
- Improve and increase employee training
- Introduce performance measurement (program, staff level)

Culture and Communications

- Strengthen team culture with staff meetings and performance reviews
- Strengthen our ability to work as a team
- Improve prioritizing efforts
- Improve direction/focus
- Increase communications (clearly identify roles and responsibilities)
- Improve inter-program collaboration and communications
- Increase formal collaboration mechanisms internally to improve team culture
- Improve communications internally and externally
- Improve internal communications between departments
- Cross functional projects and teamwork
- Improve understanding of staff roles
- Increase frequency of job reviews
- Improve communications within the office
- Improve awareness of other departments and their responsibilities
- Improve internal communications with action items
- Celebrate each other's and team accomplishments
- Strengthen internal staff team building/communication
- Improve synergy between CA departments
- Increase number of team meetings
- Improved understanding of staff and program responsibilities

Beginning Objectives

LTVCA staff clustered the beginning objective categories into the following four perspectives: Customers/Beneficiaries, Finances, Internal Processes or Capacity Building. The following draft objectives and potential projects were developed by small teams.

Draft Customer/Beneficiary Objectives

- Strengthen and Increase Collaboration with Community Stakeholders

Five years from now:

- All programs and projects have benefited from ongoing stakeholder engagement
- Standing/advisory committee of stakeholders established for key programs
- Develop/strengthen volunteer engagement by assigning a volunteer coordinator

- Increase Public Awareness of the Value of Good Watershed Stewardship

Five years from now:

- Baseline awareness survey
- Develop outreach materials and education programs
- Five year evaluation

- Strengthen Brand Recognition

Five years from now:

- Publications, signage, uniforms recognized and visible to the public
- Standards established for logos, signage, uniforms
- Uniform /clothing policy updated
- Conduct baseline recognition survey and follow with another survey in 5 years to measure public recognition

Draft Financial Objectives

- Improve Transparency and Understanding of Financial Status

Five years from now:

- Department heads receive quarterly financial statements
- Review statements with accountant/GM
- Better alignment between budget and spending
- Improve Capital Asset Review

Five years from now:

- Lifecycle budgets for staff resources
- Asset management for authority infrastructure

- Strengthen Staff Stability

Five years from now:

- Hire additional staff
- Seek out long term funding
- Professional development to retain staff

Draft Internal Processes Objectives

- Increase Top Down Direction and Feedback

Five years from now:

- Clear focus, direction, communications, and balance
- Meetings
- Clear, concise job descriptions
- Confident workforce
- Regular reviews
- Upgrading, training, development
- Improve Operational Resources Policy

Five years from now:

- Develop subcommittees to review gaps
- Review CA parks and facilities and pricing using external resources (UTRCA)

- Review public use of conservation areas
- Increase and Strengthen Communication and Collaboration across Departments
 - Five years from now:
 - Consistent meetings
 - Focused efficient workforce with better team culture
 - More consistent public response
 - More discussion on programs, output and surrounding issues
 - Better understanding of how departments affect one another
 - Increase Internal Ties & Understanding of Roles and Responsibilities
 - Five years from now:
 - Increase full staff meetings to improve internal communications for the benefit of staff and watershed residents
 - Provide a more focused and consistent message to our partners and watershed residents
 - More focused program direction
 - Improved timelines on projects as clear direction is provided
 - Clear staff roles and responsibilities
 - Improve internal communications

Draft Capacity Building Objectives

- Improve Human Resources
 - Five years from now:
 - Review personnel policy and address gaps
 - Work to include staff training under this policy
 - Develop a standard for staff performance reviews
 - Ensure health and safety policy is current and meeting staff needs, i.e., vehicle safety – Bluetooth business hours
 - Strengthen personnel policy within all departments, ensure each department has representation during core business hours
 - Clearly defined standards for use of overtime, sick days
 - Development of work life balance policy
 - Improve recruitment policy

- Improve Training Opportunities for Staff
 - Five years from now:
 - Define staff needs for training
 - Develop policy for financial support for training
 - Provide flexibility for staff to seek educational and training opportunities, i.e., courses, long term development
 - Strengthen Program Review Policy
 - Five years from now:
 - Improve financial and technical support and programs available for landowners outside of Chatham Kent
 - Expand educational programs across the watershed
 - Expand Programing across Watershed
 - Five years from now:
 - Provide educational programing across the watershed
 - Provide stewardship programing throughout the watershed
 - Undertake needs assessment to determine feasibility and identify resources needed
 - Add staff capacity to meet objective through new resources
 - Improve internal partnering

Kayak Suggestion :

- Set specific measureable targets for annual work plans that move staff toward the LTVCA Strategic Objectives.

Re: Elgin County Shoreline Management Plan

Background

In 2014 the Catfish Creek Conservation Authority (CCCA), Kettle Creek Conservation Authority (KCCA), Long Point Region Conservation Authority (LPRCA) and Lower Thames Valley Conservation Authority (LTVCA), the County of Elgin and its shoreline municipalities started the process to create an Elgin County Shoreline Management Plan (SMP).

Prior to 2014, CCCA, KCCA, LPRCA and LTVCA had separate Shoreline Management Plans covering the coastal zone of the Lake Erie shoreline in their respective watersheds. These reports were prepared independently by the same consultant in the late 1980s or in the case of LTVCA were a compilation of different reports pertaining to shoreline erosion and management. It is recommended by the Ministry of Natural Resources and Forestry (MNRF) that shoreline management plans be updated every twenty-five years. As such, the existing plans were out-of-date and needed to take into consideration current mapping and technical standards pertaining to shoreline hazards.

A collaborative approach to shoreline management for the entire north shore of Lake Erie within Elgin County provided a more consistent technical study area and a guide for municipal land-use planning along the shoreline with a more accurate investigation into the dynamics of the entire extent of the shoreline rather than a sectional or watershed view. In addition, a joint plan eliminated the retention of multiple consultants and streamlined meeting and administrative costs.

Elgin County Council agreed to cover fifty per cent of the project costs with lower tier shoreline municipalities being asked to fund the other half based on the amount of shoreline within their jurisdiction. The project was tendered in 2014 and the winning bid was submitted by W.F. Baird & Associates for \$186,000. While the price of the project was over the projected budget of \$144,000 the conservation authorities felt strongly about the quality of product offered by Baird and agreed to cover the shortfall. In addition, because of the collaborative nature of the project Environment Canada came to the table with \$40,000.

Three Open Houses were held in August 2014, one in West Elgin, one in Central Elgin and one in Port Burwell. At each Open House an afternoon and evening session was held. A formal presentation was provided on the development of the SMP and the consultant presented the preliminary findings and management approaches. In addition, a select number of the draft hazard maps were on display for the attendees to view. Each session also included a question and answer section. A synopsis of these sessions is included in Appendix C of the SMP.

Drafts of the report including its recommendations were vetted through the Technical Advisory Committee, which included representatives of each Conservation Authority, the County of Elgin, the shoreline municipalities and MNRF.

Once approved by each individual CA board the SMP will be presented to Elgin County Council for adoption and incorporation in the County's Official Plan.

Summary

The Elgin County SMP contains eight main chapters. Chapters One to Four outline the background and purpose of the study, detail the technical analysis, and describe the region's shoreline hazards and the overall coastal management approach. Chapters 5 – 8 each pertain to an individual CA. While the report needs to be read in its entirety, the individual chapter pertaining to a CA is in essence an executive summary for each CA and clearly outlines management approaches unique to its jurisdiction.

The consultant traversed the Elgin County shoreline from the west to the east boundary in July 2014 visiting a total of 51 sites and was struck by the severity of the erosion.

The plan itself was shaped from the following objectives:

- Maintain natural physical processes along the coast
- Protect and restore coastal habitat
- Focus new development in the port communities
- No negative impact for new development
- Standardize interpretation of the SMP
- Regular communication of coastal hazards
- Maintain public access to the coastline in port communities

Shoreline erosion is a natural process along the north shore of Lake Erie and is an important source of new sand and gravel for these littoral systems. Sediment eroded from the bluffs is transported along the shore and ultimately accumulates in large depositional features along the coast, such as the Long Point and Rondeau sand spits. To maintain natural coastal processes along the north shore of Lake Erie and protect these significant natural heritage features requires a holistic regional scale approach to coastal management.

The Elgin County SMP recognizes the inter-connected nature of the coastline and the need to manage the coast at large spatial scales. This approach is similar to the principals of Section D2 in the Elgin County Official Plan (2012) for protecting and restoring water resources, which recognizes that watersheds are the appropriate scale for effective planning and management of issues related to water. The study area, as defined by the spatial extent of the Elgin County shoreline, represents approximately 90 km of Lake Erie coastline. In order to quantify coastal hazards and establish suitable management objectives, the shoreline was sub-divided into a series of reaches that featured similar geologic and geomorphic conditions, land use patterns, and exposure to coastal hazards. The primary shoreline reach types are summarized as High Bluff, Large Beaches, Port Lands, and Navigation Channel and Residential Development in Port Communities. Each reach and its overarching management recommendation are described below.

High Bluffs: Managed Retreat

Baird & Associates confirmed that erosion rates in the study area are some of the highest in the Great Lakes Region, ranging from a low of 0.6 m/yr to a high of 4.5 m/yr. To put these rates in context the average annual recession rate on Lake Ontario is 0.26 m/yr and Lake Michigan is 0.3 m/yr.

The previous shoreline management plans used an average annual recession rate to generate the hazard mapping. However, to generate the mapping for the Elgin County Shoreline Management

Plan the annual average rate of recession was used plus one standard deviation. If the annual average rate of erosion is used, the erosion hazard setback would only be 50% successful at mitigating future erosion over the 100 year planning horizon in Elgin County. The annual average rate of erosion plus one standard deviation is 86% successful at locating future development landward of the eroding bluff over the 100 year planning horizon. The new mapping was shown during the public consultation.

Losses due to erosion in the high bluff areas are not limited to agricultural land but affect road networks, building and utility lines. Therefore, the SMP recommends that no additional shoreline protection structures be permitted along the High Bluff coastline in Elgin County. The recommended approach is “managed retreat” which includes relocating structures and critical infrastructure, such as roads, when the erosion hazard reaches a critical threshold, (e.g. within the 3:1 stable slope setback.)

Large Beaches: Protect Dune Habitat and Promote Public Access

Each of the four Port Communities feature jettied navigation structures which protrude into the lake at varying distances, trapping sediment in fillet beaches. Over time, both Port Bruce and Port Burwell Provincial Parks were established because of this process. These areas should be protected with ongoing investments in associated facilities including parking and multi-use trails.

Navigation Channels: Maintain Flood Conveyance and Sediment Bypassing

The jettied navigational structures in the four port communities were initially constructed to improve navigation into the river mouths and marina basins for commercial vessels and local fishing fleets. Maintaining the hydraulic conveyance in these navigation channels is required to mitigate flooding risks and ice jamming upstream. Before extending harbour jetties in the future it is recommended that technical investigations be undertaken to capture key physical processes such as the littoral cell movement and impacts that would result from extending these structures. Recommendations include quantifying rates of sediment accumulation in the fillet beaches using historical and modern bathymetry and aerial photography.

Port Community Development: Hold the Line

Elgin County features four prominent port communities, including Port Glasgow, Port Stanley, Port Bruce, and Port Burwell and are all important economic components of the local economies. Given the high long-term erosion rate in Elgin County, some of the waterfront development in these communities is protected with engineering structures, such as rock revetments, steel sheet pile walls, and ad hoc structures (e.g. dumped concrete rubble). The shoreline protection is typically located on the downdrift (east side) of the port communities since the western beaches feature a long-term accretion trend. The SMP recommends that this existing shoreline protection should be maintained to “Hold the Line” and stop any further erosion in these areas of high settlement density. Further, shore parallel or linear development along the eroding bluff crest should be discouraged. Where possible, community planning should focus on maintaining public open spaces along the lakeshore and connecting the existing and new residential areas to the lake with a multi-use trail system.

Based on the severity of the erosion hazards in Elgin County and the results of the geo-technical engineering review, two additional hazard mapping lines were developed during the study: Zone of Pending Failure and Zone of Higher Risk (see attached map example).

Based on site observations and the geotechnical review completed for the SMP, the tablelands located in a 10 m buffer from the existing top of bank have been identified as a “Zone of Pending Failure”. Within this narrow strip of land along the top of bank, it is not a question of “will” the land be lost due to erosion, it is a matter of “when”. While this is a non-regulatory line the SMP recommends that landowners be educated on the hazards associated with any activity in close proximity to the eroding bluff.

A 3:1 stable slope setback is included on all the hazard maps generated for the SMP, with all the tablelands within this zone forming the Zone of Higher Risk. The 3:1 stable slope setback is also presently a non-regulatory line with respect to the existing development. However, for proposals dealing with new development the SMP uses the 3:1 setback line as part of the formula to define the locations of regulated lands.

Finally, the SMP identified a policy gap that conservation authorities and municipalities will have to consider in the future. In most cases, buildings constructed decades ago, long before present regulatory guidelines, when the top of bank was much further lake-ward are now within the Zone of Higher Risk. Ongoing erosion processes will bring the top of bank within close proximity to the existing development. The regulatory authority of the CA pertains to new development on hazard lands not existing development that becomes threatened due to erosion and bluff recession over time. Currently, there is no regulatory or policy regime to address this development risk.

The SMP recommends that landowners within both the Zone of Pending Failure and Zone of Pending Risk be educated on the hazards associated with any activity in close proximity to the eroding bluff, and further, that conservation authorities and municipalities advocate with the province to provide for solutions to the policy gap noted above.

Shoreline management plans were first developed twenty-five years ago when shoreline erosion first became a concern along the Great Lakes, jeopardizing development and municipal infrastructure. In the past, the province acquired hazard lands, but this became too expensive. Instead, regulating agencies turned to development policies that would direct development away from hazards. The problem is that erosion is catching up to the planning horizon. The never-ending lake erosion is now reaching structures that were developed within a safe zone twenty-five years ago or more.

The goal of shoreline management plans is not to stop shoreline erosion. Shoreline erosion is unstoppable. SMPs are designed to help regulators evaluate future development permits and assess infrastructure at risk along the Lake Erie shoreline.

The Elgin County Shoreline Management report provides landowners with best management practices to help slow shoreline erosion and to avoid exacerbating coastal hazards. Some of the best management practices include:

- Maintaining tile drain outlets so they don't drain down the bluff face
- Avoiding dumping debris on the bluff crest
- Utilizing vegetated buffer strips along the bluff crest. The lost revenue from cropping the land might be small versus the savings in avoided erosion
- Locate lightweight moveable structures, such as gazebos landward of the Zone of Higher Risk

NEXT STEPS

The Elgin County Shoreline Management Plan and its associated recommendations have been vetted through the Steering Committee and Technical Advisory Committees. It is currently being presented to the four conservation authority board of directors for approval. Once approved by the CA Boards it will be presented to Elgin County Council for adoption.

At a meeting on September 29, 2015 the SMP Steering Committee passed the following motion:

Moved by: Sally Martyn

Seconded: Cliff Evanitski

That the Technical Advisory Committee established for the purposes of the development of the Elgin County Shoreline Management Plan remain in place to collaboratively consider how the plan's recommendations may be carried out.

Carried

There is merit in continuing the Technical Advisory Committee to collaboratively address some of the recommendations included in the plan and to continue to work cooperatively on shoreline erosion issues. CA Boards, the County of Elgin and the shoreline municipalities will be encouraged to continue to name a representative to this body so that discussion on how to enact many of the recommendations in the report can be achieved.

Recommendation:- That the Elgin County Shoreline Management Final Report be adopted and incorporated as the Elgin County Shoreline Management Plan and sent to the County of Elgin for adoption; and further,

That the Elgin County Shoreline Management Plan be adopted as the Lower Thames Valley Conservation Authority's Shoreline Management Plan for that portion of the Authority's jurisdiction within Elgin County for the purposes of enacting Ontario Regulation 152/06; and finally,

That the TAC established for the purposes of the development of the Elgin County Shoreline Management Plan remain in place to collaboratively consider how the plan's recommendations may be carried out.

Elgin County Shoreline Management Plan approvals

St. Thomas – The Elgin County Shoreline Management Plan will be presented for the consideration of the board of directors of four Elgin County conservation authorities over the coming month.

The Elgin County Shoreline Management Plan (SMP) was developed over the past year in cooperation with a Steering Committee and a Technical Advisory Committee (TAC). The TAC included representatives of the four Elgin County conservation authorities – Lower Thames Valley Conservation Authority (LTVCA), Kettle Creek Conservation Authority (KCCA), Catfish Creek Conservation Authority (CCCA), Long Point Region Conservation Authority (LPRCA) – the County of Elgin and its shoreline municipalities – West Elgin, Dutton Dunwich, Southwold, Central Elgin, Malahide and Bayham.

The plan which encompasses 90 km of shoreline includes updated coastal hazard maps to assist stakeholders and regulators to evaluate future development permits and assess infrastructure at risk along the Lake Erie shoreline.

“The collaborative nature of this plan means in many ways it is consistent with the goals and objectives of the Elgin County (2012) Official Plan,” said Elizabeth VanHooren, general manager of KCCA. “The plan balances environmental, social, cultural and recreational objectives with the boundaries of natural coastal systems, such as littoral cells.”

The SMP outlines management approaches for high bluffs, large fillet beaches, navigation channels, and the existing shoreline development in port communities. These approaches were presented at a series of Open Houses in August 2014 and were approved by the Steering Committee and Technical Advisory Committee. The plan can be viewed at the following link:

<http://www.kettlecreekconservation.on.ca/wp-content/uploads/2015/10/ElginCoSMP-2015.10.13.pdf>

After approval by the individual CA boards, the plan will be presented to County Council.

Presentations for Plan Approval

LTVCA:	October 22, 2015
KCCA:	November 18, 2015
CCCA:	November 12, 2015
LPRCA:	November 4, 2015
County of Elgin:	November 24, 2015

For more information contact your local conservation authority:



Lower Thames
(519) 354-7310 x.226



Catfish Creek
(519) 773-9037



Kettle Creek
(519) 631-1270 x.222



Long Point Region
(519) 842-4242 x. 225

- 30 -

Re: **2016 Proposed Budget & Levy**

The 2016 preliminary budget and levy is attached for review.

RECOMMENDATION: That the 2015 preliminary budget and levy be adopted as presented.

REV. 3-60

2016 PRELIMINARY BUDGET
 LOWER THAMES VALLEY CONSERVATION AUTHORITY

F U N D I N G S O U R C E S

PG. NO.	2015 BUDGET	2016 BUDGET	2016 GRANTS	MATCHING GENERAL LEVY	DIRECT SPECIAL BENEFIT LEVY	NON MATCHING GENERAL LEVY	GENERAL REVENUES	FOUNDATION GRANTS & REVENUES	RESERVES
2	250,217	133,982	8,982	0	125,000				
2	31,536	28,280	14,140	14,140	0				
2	249,217	354,237	139,685	148,667	65,885				
3	142,681	263,307	0	0	213,307		50,000		
3	52,000	43,000	0	19,000	5,000				
3	274,636	247,310	100,000				132,310	15,000	
4	520,246	614,904	40,000				272,000	26,000	
4	165,000	175,954	10,000				165,954		
5	119,509	143,447	4,000				77,447	5,000	
5	249,645	231,408	22,992				72,416	10,000	
6	14,000	64,162	50,162				14,000		
6	350,000	461,390	0		320,000		141,390		
6	25,000	25,580	23,000						
6	15,000								
6	6,000								
6	200,000	100,000					50,000		50,000
6	20,000	20,000			0				
6	100,000	25,000	25,000						
	2,784,687	2,931,961	437,961	181,807	445,000	940,913	778,700	56,000	50,000

**2016 PRELIMINARY BUDGET
LOWER THAMES VALLEY CONSERVATION AUTHORITY**

F U N D I N G S O U R C E S

PG. NO.	2015 BUDGET	2016 BUDGET	2016 GRANTS	MATCHING GENERAL LEVY	DIRECT SPECIAL BENEFIT LEVY	NON MATCHING GENERAL LEVY	GENERAL REVENUES	FOUNDATION GRANTS & REVENUES	RESERVES
2	250,217	133,982	8,982	0	125,000				
2	31,536	28,280	14,140	14,140		0			
2	249,217	354,237	139,685	148,667		65,885			
3	142,681	263,307	0	0		213,307	50,000		
3	52,000	43,000	0	19,000		5,000			
3	274,636	247,310	100,000				132,310	15,000	
4	520,246	614,904	40,000			276,904	272,000	26,000	
4	155,363	175,954	10,000			165,954			
5	119,509	143,447	4,000			77,447	57,000	5,000	
5	249,645	231,408	22,992			72,416	126,000	10,000	
6	14,000	64,162	50,162			14,000			
6	350,000	461,390	0		308,000		153,390		
6	25,000	25,580	23,000						
6	200,000	100,000				50,000			50,000
6	20,000	20,000			0				
6	100,000	25,000	25,000						
	2,754,050	2,931,961	437,961	181,807	433,000	940,913	790,700	56,000	50,000

**2016 PRELIMINARY BUDGET
LOWER THAMES VALLEY CONSERVATION AUTHORITY**

F U N D I N G S O U R C E S

	2015 BUDGET	2016 BUDGET	2016 GRANTS	MATCHING GENERAL LEVY	DIRECT SPECIAL BENEFIT LEVY	NON MATCHING GENERAL LEVY	FOUNDATION GRANTS & REVENUES	GENERAL REVENUES	RESERVES
<u>FLOOD CONTROL OPERATION AND MAINTENANCE</u>									
<u>FLOOD CONTROL STRUCTURES</u>									
WAGES AND BENEFITS	126,000	34,452							
ADMINISTRATION OVERHEAD	33,217	8,530							
OPERATIONS	31,000	31,000							
ROUTINE MAINTENANCE	40,000	40,000							
PREVENTATIVE MAINTENANCE	20,000	20,000							
TOTAL FLOOD CONTROL STRUCTURES	250,217	133,982	8,982	0	125,000 (CHATHAM-KENT)				
<u>EROSION CONTROL STRUCTURES</u>									
WAGES AND BENEFITS	21,000	18,660							
ADMINISTRATION OVERHEAD	5,536	4,620							
ROUTINE MAINTENANCE	5,000	5,000							
TOTAL EROSION CONTROL STRUCTURES	31,536	28,280	14,140	14,140		0			
<u>FLOOD FORECASTING AND WARNING</u>									
WAGES AND BENEFITS	126,000	211,799							
ADMINISTRATION OVERHEAD	33,217	52,438							
DATA COLLECTIONS	32,000	32,000							
FLOOD FORECASTING	10,000	10,000							
COMMUNICATIONS	12,000	12,000							
OPERATIONS CENTRE (RENT)	21,000	21,000							
FLOOD RESPONSE AND MONITORING	15,000	15,000							
TOTAL FLOOD FORECASTING & WARNING	249,217	354,237	139,685	148,667		65,885			

**2016 PRELIMINARY BUDGET
LOWER THAMES VALLEY CONSERVATION AUTHORITY**

F U N D I N G S O U R C E S

	2015 BUDGET	2016 BUDGET	2016 GRANTS	MATCHING GENERAL LEVY	DIRECT SPECIAL BENEFIT LEVY	NON MATCHING GENERAL LEVY	GENERAL REVENUES	FOUNDATION GRANTS & REVENUES	RESERVES
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REGULATIONS AND PLAN REVIEW

WAGES AND BENEFITS	105,000	203,038							
ADMINISTRATION OVERHEAD	27,681	50,269							
OPERATING-MATERIALS, SUPPLIES, AND EXPENSES	10,000	10,000							
TOTAL REGS. & PLAN REVIEW	142,681	263,307				213,307	50,000		

TECHNICAL STUDIES

ADMINISTRATION OVERHEAD	0	0							
AERIAL PHOTOGRAPHY	11,000	11,000		5,500					5,500
GENERIC REGULATIONS	27,000	27,000		13,500					13,500
GEOGRAPHICAL INFORMATION SYSTEMS (GIS)- DATA MANAGEMENT	14,000	5,000				5,000			
TOTAL TECHNICAL STUDIES	52,000	43,000		19,000		5,000	5,000	19,000	19,000

CONSERVATION SERVICES

<u>FORESTRY, PHOSPHORUS</u>									
WAGES AND BENEFITS	120,000	99,640							
ADMINISTRATION OVERHEAD	31,636	24,669							
OPERATING- MATERIALS & SUPPLIES, STORAGE, RENTALS, INSURANCE, ETC.	123,000	123,000							
TOTAL CONS. SERVICES	274,636	247,310	100,000				132,310	15,000	

**2016 PRELIMINARY BUDGET
LOWER THAMES VALLEY CONSERVATION AUTHORITY**

F U N D I N G S O U R C E S

	2015 BUDGET	2016 BUDGET	2016 GRANTS	MATCHING GENERAL LEVY	DIRECT SPECIAL BENEFIT LEVY	NON MATCHING GENERAL LEVY	GENERAL REVENUES	FOUNDATION GRANTS & REVENUES	RESERVES
<u>CONSERVATION & RECREATION PROPERTIES</u>									
WAGES AND BENEFITS	257,390	336,573							
ADMINISTRATION OVERHEAD	67,856	83,331							
OPERATING:									
PROPERTY-MATERIALS	98,000	98,000							
-SERVICES	12,000	12,000							
-TELEPHONE	6,000	6,000							
-HYDRO	27,000	27,000							
-TAXES	32,000	32,000							
-INSURANCE	15,000	15,000							
-WATER	1,500	1,500							
-HEAT	3,500	3,500							
TOTAL CONS. & RECREATION PROPERTIES	520,246	614,904	40,000			276,904	272,000	26,000	
								Includes 1000 Friends of Sharon Creek	
<u>COMMUNITY RELATIONS</u>									
WAGES AND BENEFITS	100,000	117,791							
ADMINISTRATION OVERHEAD	26,363	29,163							
OPERATING:									
PROPERTY - RESOURCE CENTRE	10,000	10,000							
-TELEPHONE, EQUIPMENT, POSTAGE, MATERIALS & SUPPLIES, EXPENSES, ETC.	19,000	19,000							
TOTAL COMMUNITY RELATIONS	155,363	175,954	10,000			165,954	0	0	0

**2016 PRELIMINARY BUDGET
LOWER THAMES VALLEY CONSERVATION AUTHORITY**

F U N D I N G S O U R C E S

	2015 BUDGET	2016 BUDGET	2016 GRANTS	MATCHING GENERAL LEVY	DIRECT SPECIAL BENEFIT LEVY	NON MATCHING GENERAL LEVY	GENERAL REVENUES	FOUNDATION GRANTS & REVENUES	RESERVES
CONSERVATION EDUCATION									
WAGES AND BENEFITS	74,000	100,000							
ADMINISTRATION OVERHEAD	19,509	17,447							
OPERATING:									
PROPERTY - RESOURCE CENTRE	10,000	10,000							
-TELEPHONE, EQUIPMENT, POSTAGE, MATERIALS & SUPPLIES, EXPENSES, ETC.	16,000	16,000							
TOTAL CONSERVATION EDUCATION	119,509	143,447	4,000			77,447	57,000	5,000	
SKA-NAH-DOHT VILLAGE									
WAGES AND BENEFITS	139,000	126,170							
ADMINISTRATION OVERHEAD	36,645	31,238							
OPERATING:									
PROPERTY-RESOURCE CENTRE	41,000	41,000							
-INSURANCE, MAINTENANCE, EXHIBITS, EVENTS, ADVERTISING, ETC.	23,000	23,000							
-TELEPHONE, EQUIPMENT, POSTAGE, MATERIALS & SUPPLIES, EXPENSES, ETC.	10,000	10,000							
TOTAL IROQUOIAN VILLAGE	249,645	231,408	22,992			72,416	126,000	10,000	

**2016 PRELIMINARY BUDGET
LOWER THAMES VALLEY CONSERVATION AUTHORITY**

F U N D I N G S O U R C E S

	2015 BUDGET	2016 BUDGET	2016 GRANTS	MATCHING GENERAL LEVY	DIRECT SPECIAL BENEFIT LEVY	NON MATCHING GENERAL LEVY	GENERAL REVENUES	FOUNDATION GRANTS & REVENUES	RESERVES
<u>OTHER PROGRAMS</u>									
WATERSHED MONITORING (PGMN)	14,000	64,162	50,162			14,000			
CHATHAM-KENT GREENING PROJECT	350,000	461,390			308,000 (Chatham-Kent)		153,390		
SOURCE PROTECTION	25,000	25,580	23,000			2,580			
ADMINISTRATION BUILDING REPAIRS/UPGRADES	200,000	100,000				50,000			50,000
THAMES MOUTH DEBRIS REMOVAL	20,000	20,000							20,000
EMPLOYMENT PROGRAMS (FED/PROV)	100,000	25,000	25,000						

REV. 1/60

**2016 PRELIMINARY BUDGET
LOWER THAMES VALLEY CONSERVATION AUTHORITY**

F U N D I N G S O U R C E S

	2015 BUDGET	2016 BUDGET	2016 GRANTS	MATCHING GENERAL LEVY	DIRECT SPECIAL BENEFIT LEVY	NON MATCHING GENERAL LEVY	GENERAL REVENUES	FOUNDATION GRANTS & REVENUES	RESERVES
<u>OTHER PROGRAMS</u>									
WATERSHED MONITORING (PGMN)	14,000	64,162	50,162			14,000			
CHATHAM-KENT GREENING PROJECT	350,000	461,390			320,000 (Chatham-Kent)		141,390		
SOURCE PROTECTION	25,000	25,580	23,000			2,580			
COMMUNITY TREES INITIATIVE	15,000								
UNION GAS CENTENNIAL PROJECT	6,000								
ADMINISTRATION BUILDING REPAIRS/UPGRADES	200,000	100,000				50,000		50,000	
THAMES MOUTH DEBRIS REMOVAL	20,000	20,000						20,000	
EMPLOYMENT PROGRAMS (FED/PROV)	100,000	25,000	25,000						

REVISED

LOWER THAMES VALLEY CONSERVATION AUTHORITY

Levy for 2016 using Modified CVA

C-K Flood Control,

	Current Value Assessment (Modified CVA)	% of Levy	Greening Levy 2016	Non-Matching Levy 2016	Matching Levy 2016	Total General Levy 2016	Total Municipal Levy 2016	Total Municipal Levy 2015	\$ Change from 2015 Levy	% Change from 2015
Chatham-Kent	7,153,044,740	58.3666%	445,000	420,948	106,115	527,062	972,062	958,131	13,931	1.45%
City of London	1,404,401,305	11.4595%	0	143,119	20,834	163,953	163,953	100,377	63,576	63.34%
Dutton/Dunwich	409,561,308	3.3419%	0	41,737	6,076	47,813	47,813	28,981	18,832	64.98%
West Elgin	527,706,417	4.3059%	0	53,777	7,828	61,606	61,606	38,072	23,534	61.81%
Strathroy-Caradoc	702,290,290	5.7305%	0	71,569	10,418	81,987	81,987	50,192	31,794	63.35%
Middlesex Centre	192,083,624	1.5673%	0	19,575	2,850	22,424	22,424	13,633	8,792	64.49%
Southwest-Middlesex	355,084,980	2.8974%	0	36,186	5,268	41,453	41,453	25,295	16,158	63.88%
Town of Leamington	287,270,139	2.3440%	0	29,275	4,262	33,537	33,537	20,996	12,541	59.73%
Southwold	149,553,864	1.2203%	0	15,241	2,219	17,459	17,459	10,973	6,486	59.11%
Town of Lakeshore	1,074,380,425	8.7666%	0	109,487	15,938	125,426	125,426	77,602	47,824	61.63%
TOTAL	12,255,377,091	100%	\$445,000	\$940,913	\$181,807	\$1,122,720	\$1,567,720	\$1,324,252	\$243,468	18.39%

LOWER THAMES VALLEY CONSERVATION AUTHORITY

Levy for 2016 using Modified CVA

	Current Value Assessment (Modified CVA)	% of Levy	C-K Flood Control,		Greening Levy 2016	Non-Matching Levy 2016	Matching Levy 2016	Total Municipal Levy 2016	Total Municipal Levy 2015	\$ Change from 2015 Levy	% Change from 2015
			Greening Levy 2016	433,000							
Chatham-Kent	7,153,044,740	58.3666%	433,000	420,948	106,115	960,062	958,131	1,931	0.20%		
City of London	1,404,401,305	11.4595%	0	143,119	20,834	163,953	100,377	63,576	63.34%		
Dutton/Dunwich	409,561,308	3.3419%	0	41,737	6,076	47,813	28,981	18,832	64.98%		
West Elgin	527,706,417	4.3059%	0	53,777	7,828	61,606	38,072	23,534	61.81%		
Strathroy-Caradoc	702,290,290	5.7305%	0	71,569	10,418	81,987	50,192	31,794	63.35%		
Middlesex Centre	192,083,624	1.5673%	0	19,575	2,850	22,424	13,633	8,792	64.49%		
Southwest-Middlesex	355,084,980	2.8974%	0	36,186	5,268	41,453	25,295	16,158	63.88%		
Town of Leamington	287,270,139	2.3440%	0	29,275	4,262	33,537	20,996	12,541	59.73%		
Southwold	149,553,864	1.2203%	0	15,241	2,219	17,459	10,973	6,486	59.11%		
Town of Lakeshore	1,074,380,425	8.7666%	0	109,487	15,938	125,426	77,602	47,824	61.63%		
TOTAL	12,255,377,091	100%	\$433,000	\$940,913	\$181,807	\$1,555,720	\$1,324,252	\$231,468	17.48%		

Expenditure vs Budget to September 30, 2015

Memo To: LTVCA Board of Directors
Subject: Expenditure vs Budget to September 30, 2015
From: Todd Casier, Financial Services Specialist

Background:

Review the 2015 Budget to the expenditures for the nine months ended September 30th, 2015

Current Situation:

	3/4 2015 BUDGET	SEPT 30, 2015 YTD EXPENSES
WAGES AND BENEFITS	1,225,343	1,224,927
OPERATING-MATERIALS, SUPPLIES AND EXPENSES	930,673	723,175
	<u>2,156,015</u>	<u>1,948,101</u>

Discussion:

Wage and Benefit costs are in line with the 2015 budget.
Other operating costs are below budget as expected at September 30th as most projects are performed during the summer months and some of the costs for these items have not been received.

Recommendation:

That this report be received for information purposes.

