



Board of Directors Meeting

A G E N D A

October 20th, 2016

2:00 p.m.

Administration Office of the Lower Thames Valley Conservation Authority

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11. Adjournment

4. Approval of Previous Meeting Minutes

4.1) Board of Directors Meeting – August 25, 2016



Board of Directors Meeting

MINUTES

A meeting of the Lower Thames Valley Conservation Authority's Board of Directors was held at the Community Centre of the Delaware Nation at Moraviantown commencing at 2:00 P.M. on Thursday, August 25, 2016. The following directors were in attendance: L. McKinlay, R. Doane, D. McKillop, S. Caveney, J. Wolf and G. Bogart.

1. Call to Order

Vice-Chair Linda McKinlay assumed the chair in Mr. Kavelaar's absence, calling the meeting to order and welcoming the members, staff and guests in attendance. She expressed appreciation to Chief Greg Peters for the luncheon hospitality and for the meeting facility.

2. Adoption of Agenda

Prior to adopting the agenda the Chair asked if there were any additions. There being none,

1. D. McKillop – G. Bogart

Moved that the agenda be adopted as circulated.

CARRIED

3. Disclosures of Conflict of Interest

There were no disclosures noted.

4. Approval of Minutes of Previous Meeting

2. R. Doane – S. Caveney

Moved that the minutes of the Board of Directors Meeting on June 30, 2016 be approved.

CARRIED

5. Business Arising From the Minutes

None.

6. Presentations

- 6.1) Mr. Jason Wintermute provided the Board of Directors with a quick Power Point Presentation on the CA Planning and Regulation Policy updates that are currently underway for the LTVCA. Mr. Wintermute provided background information on the Provincial Policy Statement (PPS) and how Provincial level

planning documents direct the CA review process. He finished by letting the Board members know of the four upcoming open houses that will be taking place and that Board member presence at these meetings would be appreciated.

- 6.2) Dr. Dominique Giguere, speaking on behalf of the LENSLA group, provided the Board of Directors with a Power Point Presentation of the groups concerns with the Elgin County Shoreline Management Plan. The association requested that the planning process for this document be reopened to allow for further discussion of the Plan by all parties.

Questions and discussion around the ECSMP and clarity on the Authority's processes were discussed between the LENSLA members, the Board of Directors and Authority staff.

Mr. McKillop brought forward a motion from his council at Dutton Dunwich to support Mr. Pearson and/or management to go back to the other CA's and have a dialogue with them around the shoreline landowners concerns to clarify the points that were made at today's meeting.

3. D. McKillop – J. Wolf

Moved that the Board support Management seeking clarification with the four Conservation Authorities having jurisdiction within Elgin County, regarding the status of the Elgin Shoreline Management Plan as it relates to their regulations and their operational policies and guidelines.

CARRIED

- 6.3) Mr. Jerry DeZwart and Mrs. Karen Mattila provided a Power Point Presentation on the Education and the Ska-Nah-Doht Village programs to the Board of Directors on the activities and events taking place through this program. C.A. staff, client-base, purpose/value of conservation and cultural education, and current/future plans that will be incorporated to meet expanding client needs were outlined.

7. Business for Approval

7.1) Financial Update

4. G. Bogart – S. Caveney

Moved the Board of Directors receive the Budget vs Revenue and Expenditures for the period ended July 31, 2016 report.

CARRIED

7.2) Indian/McGregor Creek Diversion Channel Maintenance

5. J. Wolf – D. McKillop

Moved that the LTVCA pursue the option of 'wet blade' treatment for the removal of woody brush within the Diversion Channel, and that other contractors be contacted to submit quotes for this method, and that staff be authorized to accept the best submission.

CARRIED

7.3) Ska-Nah-Doht Advisory Committee Minutes – June 23, 2016

6. R. Doane – S. Caveney

Moved that the Board of Directors approve the recommendations of the Ska-Nah-Doht Advisory Committee Minutes of June 23, 2016.

CARRIED

8. Business for Information

- 8.1) Water Management
- 8.2) Regulations and Planning
- 8.3) Conservation Areas
- 8.4) Conservation Services
- 8.5) Community Relations
- 8.6) Conservation Authority Education
- 8.7) Wheatley Two Creeks Association meeting minutes
- 8.8) GM's Report

7. J. Wolf – G. Bogart

Moved that the Board of Directors receive the Business for Information reports.

CARRIED

9. Correspondence

- 9.1) University of Guelph, Ridgetown Campus, 2016 Graduation Award Sponsorship

10. Other Business

11. Adjournment

8. R. Doane

Moved that the meeting be adjourned.

CARRIED

Linda McKinlay
Vice-Chair



Don Pearson
General Manager/Secretary-Treasurer

5. Business Arising from the Minutes

5.1) Elgin County Shoreline Management Plan, meeting with the four CA's

October 12, 2016

Report to the LTVCA Board - business arising from the minutes of August 25, 2016 regarding the Elgin County Shoreline Management Plan (ECSMP)

Background

At its meeting on August 25, 2016 the LTVCA Board, by resolution, directed management to meet with each of the Conservation Authorities having jurisdiction within Elgin County for the purpose of clarifying the status of the Elgin County Shoreline Management Plan as it relates to their regulations passed pursuant to Section 28 of the Conservation Authorities Act. The Board resolution resulted from a presentation by the Lake Erie North Shore Landowners Association (LENSLA) at that meeting.

Current Situation

Staff from all four Conservation Authorities met on October 12 at the Kettle Creek Conservation Authority and each provided a synopsis of the status of the plan and its impact on their respective operation policies and guidelines for their Section 28 Regulations, which are summarized as follows:

Long Point Region Conservation Authority

- ECSMP was adopted but subsequently rescinded due to deferral of the plan by Elgin County Council in November 2015; policies revert to 1989 Shoreline Management Plan
- Shoreline regulatory limit established using data from 1989 SMP (similar to rates established by ECSMP)
- 1989 SMP recommendations and MNRF Great Lakes Technical Guidelines Appendix A.7.2.1 apply with minor changes in interpretation
- New development prohibited within regulated area; existing development permits additions up to 50%, accessory buildings, pools not lakeward of existing. Replacement, major additions with floodproofing and safe access; erosion allowance reduction to 60 years from stable top of bank.
- Shoreline protection maintenance, upgrades, infilling where encouraged by 1989 SMP, new discouraged, for existing development only, subject to no significant updrift/downdrift impact
- Plan to develop consolidated policy document, previously released for municipal consultation, for public consultation 2017

Catfish Creek Conservation Authority

- ECSMP adopted, subsequently rescinded, reverting to 1991 Shoreline Management Plan with all stakeholders encouraged to review the ECSMP with meaningful public consultation and input
- Regulatory limit is based on current data for erosion rates and 1:100 year peak instantaneous water levels
- New development prohibited within 100 year erosion allowance plus 3:1 Stable slope, confirmed at time of application

- Permits minor additions, repairs to existing dwellings no closer to natural hazard; studies required to ensure no offsite impacts
- Repairs to existing protection is permitted, new protection requires engineering studies by qualified consultant
- Comprehensive policy review anticipated within next year

Kettle Creek Conservation Authority

- ECSMP adopted
- Regulatory limit based on new erosion rates for 100 year period plus stable slope allowance; 100 year flood level plus wave uprush, documents available for inspection at KCCA office
- Existing policies adopted in 2006 with specific amendments since adoption
- New development prohibited within erosion hazard limit, encourage relocation of existing structures further from hazard. New development prohibited on dynamic beaches; permitted within flood hazard using 2-zone concept with flood proofing
- Maintenance and upkeep of existing structures within erosion limit; minor additions/structures permitted subject to Great Lakes Technical Guidelines A.7.2.1
- Shoreline protection may be permitted for existing development subject to a satisfactory impact statement, prepared by a coastal engineer, which demonstrates no increase in long term erosion rates on neighbouring properties; will not cause damage to adjacent structures; and will in no way have a detrimental effect on the environment. Non-structural protection is preferred to structural protection, but is viable in fewer places. Not considered viable for high bluff areas, encourage relocation or abandonment. Existing structures can be replaced or improved on same footprint
- Proposing a consolidated policy document consistent with format of MNR/CO Draft Policy Guideline (2008), will consider recommendations of the ECSMP

Lower Thames Valley Conservation Authority

- ECSMP adopted by resolution October 2015
- Regulatory limit based on new erosion rates for 100 year period plus stable slope allowance; and 1:100 Peak Instantaneous Water Level (storm surge plus wave uprush plus high lake level)
- New development generally prohibited within “critically regulated area and if room available, encouraged to be located outside of the total regulated area (additional allowance of 15 M plus 100 year plus 3:1 slope)
- Existing development permits additions up to 20% every 10 years, located no closer to the shoreline/bluff hazard than the existing structure; accessory structures incl. pools no nearer hazard than existing building; <100 square feet no permit required
- Shoreline protection is permitted for existing development subject to demonstrating no negative impact on adjoining properties within the impact zone, and repairs to existing allowed so long as it’s a like-for-like replacement of a prior approved structure (i.e. cannot be lengthened)
- Current operational guideline contains blend of policy, operations; public consultation has occurred on new draft Policy, no substantive comments obtained; Operational Guidelines to follow. Anticipate Board approval early 2017 following municipal consultation

Discussion

Regardless of the status of the ECSMP, each Conservation Authority continues to administer its shoreline hazard regulations consistent with MNRF Technical Guidelines and no specific policy or operational changes have occurred as a result of its adoption. Each Authority determines its regulatory limit using erosion rates established in earlier shoreline management plans and confirmed by the ECSMP. Each Authority is either in the process of or is anticipating updating its policies and procedures, using the MNRF/Conservation Ontario 2008 Policy Guideline. Recommendations within the ECSMP will be considered along with current policies and practices, public and municipal input.

In developing their respective policies, the four Conservation Authorities are endeavoring to move toward greater consistency in the application and interpretation of policies, recognizing that each jurisdiction has unique geophysical conditions and has existing features including the port communities and nodes of existing development that will warrant specific recognition within the policy framework.

Recommendation

That the LTVCA Board continue to work with the province, municipalities, stakeholders and the public to complete the update of its Policies and Operation Guidelines for the administration of its Section 28 regulation and as the basis for its review of activities under the Planning Act within its jurisdiction.

7. Business for Approval

7.1) 2017 Preliminary Budget and Levy

Date: October 12, 2016

Memo to: LTVCA Board of Directors

Subject: 2017 Preliminary Budget and Levy

From: D. R. Pearson, General Manager

Background

The LTVCA Board approved a 2016 budget of \$3,026,022 million, funded by a general levy of \$1,339,478 plus a special levy of \$200,000 for Chatham-Kent for Flood Control Structures and the Greening Partnership/Natural Heritage Programs. The general levy for municipalities other than Chatham-Kent was increased by \$197,000, resulting in a more equitable apportionment and enabling the extension of stewardship and land management programs to all member municipalities. The Authority provided assurance that this significant increase was a one-time adjustment and that future increases would be limited to values more reflective of inflationary increases. Accordingly, for 2017, a draft budget has been prepared which reflects a general levy increase of 2.14%. As in previous years, annual adjustments to each municipalities assessment within the watershed vary, and result in variances from this average ranging from 1.69% to 3.9%.

Current Situation

The 2017 Preliminary Budget follows the same format as 2016, which was revised to better identify programs and components, and to provide greater clarity on both expenses and revenue sources. The proposed 2017 expenditures total \$3,097,028 and are fully funded from all revenue sources including the general levy of \$1,367,352 and special C-K levy of \$205,000.

Discussion

Conservative assumptions about projected revenues are required for a number of programs, the most volatile of which is the Conservation Services/Stewardship program which by its nature is heavily impacted by the success of numerous funding applications. The greatest variances from 2016 to 2017 include shifts within Water Management from Flood Forecasting and Warning to Flood Control Structures; Conservation Areas reflecting increased security and enforcement; Ska-Nah-Doht Village and Museum reflecting significant redevelopment activities; Conservation Services and Stewardship reflecting increased activity (funded largely from external sources) and a reduction in capital expenditures associated with the administration building project. The impact for each municipality is shown on the levy table which accompanies the budget.

Recommendation

That the 2017 preliminary budget totalling \$3,097,028 be adopted, and that the member municipalities be advised of the budget and their share of the proposed levy as calculated; it being noted that the Authority is required to provide 30 days' notice of its intention to adopt a final budget and levy.

**LOWER THAMES VALLEY CONSERVATION AUTHORITY
2017 PRELIMINARY BUDGET**

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

PG. NO.	2016 BUDGET	2017 BUDGET	2017 GRANTS	MATCHING GENERAL LEVY	DIRECT SPECIAL BENEFIT LEVY	NON MATCHING GENERAL LEVY	GENERAL REVENUES	FOUNDATION GRANTS & REVENUES	RESERVES
WATER MANAGEMENT									
2	152,044	254,889	64,945	64,945	125,000				
2	31,438	13,268	6,634	6,634		0			
2	267,026	201,666	86,229	86,229		29,209			
3	37,689	28,970	0	0		3,970			25,000
3	207,139	196,865	0	0		146,865	50,000		0
3	64,162	76,860	40,000			36,860			
3	24,900	22,768	22,768			0			
3	20,000	1,602			0				1,602
	804,398	796,888	220,575	157,807	125,000	216,904	50,000	0	26,602
CONSERVATION & RECREATION PROPERTIES									
3	488,532	562,961	0			390,961	165,000	7,000	
COMMUNITY RELATIONS AND EDUCATION									
4	166,047	154,337	0			154,337			
4	90,578	95,766	0			80,766	15,000	0	
4	172,223	239,394	22,992			146,402	60,000	10,000	
	428,848	489,497	22,992	0	0	381,505	75,000	10,000	0
CONSERVATION SERVICES/STEWARDSHIP									
5	39,268	38,849	0				38,849	0	
5	849,124	932,225	18,900	0	80,000	228,000	605,325	0	0
5	315,852	276,608	255,633	0	0	20,975	0	0	0
5	0								
	1,204,244	1,247,682	274,533	0	80,000	248,975	644,174	0	0
CAPITAL/MISCELLANEOUS									
5	100,000	0	0	0	0	0	0	0	0
5	0								
5	0	0	28,800			-28,800			
	100,000	0	28,800	0	0	-28,800	0	0	0
	3,026,022	3,097,028	546,900	157,807	205,000	1,209,545	934,174	17,000	26,602

**LOWER THAMES VALLEY CONSERVATION AUTHORITY
2017 PRELIMINARY BUDGET**

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

	2016 BUDGET	2017 BUDGET	2017 GRANTS	MATCHING GENERAL LEVY	DIRECT SPECIAL BENEFIT LEVY	NON MATCHING GENERAL LEVY	GENERAL REVENUES	FOUNDATION GRANTS & REVENUES	RESERVES
<u>WATER MANAGEMENT</u>									
<u>FLOOD CONTROL STRUCTURES</u>									
WAGES AND BENEFITS	80,732	155,243							
ADMINISTRATION OVERHEAD	17,312	34,646							
OPERATIONS	19,000	19,000							
ROUTINE MAINTENANCE	23,000	36,000							
PREVENTATIVE MAINTENANCE	12,000	10,000							
TOTAL FLOOD CONTROL STRUCTURES	152,044	254,889	64,945	64,945	125,000				
					(CHATHAM-KENT)				
<u>EROSION CONTROL STRUCTURES</u>									
WAGES AND BENEFITS	25,064	10,030							
ADMINISTRATION OVERHEAD	5,374	2,238							
ROUTINE MAINTENANCE	1,000	1,000							
TOTAL EROSION CONTROL STRUCTURES	31,438	13,268	6,634	6,634			0		
<u>FLOOD FORECASTING AND WARNING</u>									
WAGES AND BENEFITS	191,883	137,075							
ADMINISTRATION OVERHEAD	41,143	30,591							
DATA COLLECTIONS	12,000	10,000							
FLOOD FORECASTING	4,000	2,000							
COMMUNICATIONS	6,000	4,000							
OPERATIONS CENTRE (RENT)	7,000	10,000							
FLOOD RESPONSE AND MONITORING	5,000	8,000							
TOTAL FLOOD FORECASTING & WARNING	267,026	201,666	86,229	86,229			29,209		

**LOWER THAMES VALLEY CONSERVATION AUTHORITY
2017 PRELIMINARY BUDGET**

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

	2016 BUDGET	2017 BUDGET	2017 GRANTS	MATCHING GENERAL LEVY	DIRECT SPECIAL BENEFIT LEVY	NON MATCHING GENERAL LEVY	GENERAL REVENUES	FOUNDATION GRANTS & REVENUES	RESERVES
<u>TECHNICAL STUDIES</u>									
ADMINISTRATION OVERHEAD	563	724				724			
AERIAL PHOTOGRAPHY	5,000	5,000							5,000
MAPPING	27,000	20,000							20,000
GEOGRAPHICAL INFORMATION SYSTEMS (GIS)- DATA MANAGEMENT	5,126	3,246				3,246			
TOTAL TECHNICAL STUDIES	37,689	28,970		0		3,970			25,000
<u>REGULATIONS AND PLAN REVIEW</u>									
WAGES AND BENEFITS	158,215	140,508							
ADMINISTRATION OVERHEAD	33,924	31,357							
OPERATING-MATERIALS, SUPPLIES, AND EXPENSES	15,000	25,000							
TOTAL REGS. & PLAN REVIEW	207,139	196,865				146,865	50,000		0
<u>WATERSHED MONITORING</u>									
WAGES AND BENEFITS	30,952	46,486							
ADMINISTRATION OVERHEAD	6,637	10,374							
OPERATING-MATERIALS, SUPPLIES, AND EXPENSES	26,573	20,000							
TOTAL REGS. & PLAN REVIEW	64,162	76,860	40,000			36,860			
<u>SOURCE PROTECTION</u>									
THAMES MOUTH DEBRIS REMOVAL	24,900	22,768	22,768						1,602
<u>CONSERVATION & RECREATION PROPERTIES</u>									
WAGES AND BENEFITS	254,057	313,089							
ADMINISTRATION OVERHEAD	54,475	69,872							
OPERATING- MATERIALS & SUPPLIES, STORAGE, RENTALS, INSURANCE, ETC.	180,000	180,000							
TOTAL CONS. & RECREATION PROPERTIES	488,532	562,961				390,961	165,000	7,000	

**LOWER THAMES VALLEY CONSERVATION AUTHORITY
2017 PRELIMINARY BUDGET**

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

	2016 BUDGET	2017 BUDGET	2017 GRANTS	MATCHING GENERAL LEVY	DIRECT SPECIAL BENEFIT LEVY	NON MATCHING GENERAL LEVY	GENERAL REVENUES	FOUNDATION GRANTS & REVENUES	RESERVES
<u>COMMUNITY RELATIONS AND EDUCATION</u>									
<u>COMMUNITY RELATIONS</u>									
WAGES AND BENEFITS	117,791	107,374							
ADMINISTRATION OVERHEAD	25,256	23,963							
OPERATING- MATERIALS & SUPPLIES, SERVICES, RENTALS, INSURANCE, ETC.	23,000	23,000							
TOTAL COMMUNITY RELATIONS	166,047	154,337				154,337			
<u>CONSERVATION EDUCATION</u>									
WAGES AND BENEFITS	70,468	73,388							
ADMINISTRATION OVERHEAD	15,110	16,378							
OPERATING- MATERIALS & SUPPLIES, SERVICES, RENTALS, INSURANCE, ETC.	5,000	6,000							
TOTAL CONSERVATION EDUCATION	90,578	95,766				80,766	15,000		
<u>SKA-NAH-DOHT VILLAGE</u>									
WAGES AND BENEFITS	126,170	183,453							
ADMINISTRATION OVERHEAD	27,053	40,941							
OPERATING- MATERIALS & SUPPLIES, SERVICES, RENTALS, INSURANCE, ETC.	19,000	15,000							
TOTAL IROQUOIAN VILLAGE	172,223	239,394	22,992			146,402	60,000	10000	

**LOWER THAMES VALLEY CONSERVATION AUTHORITY
2017 PRELIMINARY BUDGET**

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

	2016 BUDGET	2017 BUDGET	2017 GRANTS	MATCHING GENERAL LEVY	DIRECT SPECIAL BENEFIT LEVY	NON MATCHING GENERAL LEVY	GENERAL REVENUES	FOUNDATION GRANTS & REVENUES	RESERVES
<u>CONSERVATION SERVICES</u>									
<u>FORESTRY</u>									
WAGES AND BENEFITS	28,218	27,673							
ADMINISTRATION OVERHEAD	6,050	6,176							
OPERATING- MATERIALS & SUPPLIES, STORAGE, RENTALS, INSURANCE, ETC.	5,000	5,000							
TOTAL CONS. SERVICES	39,268	38,849					38,849		
<u>PHOSPHORUS</u>									
WAGES AND BENEFITS	126,978	93,986							
ADMINISTRATION OVERHEAD	27,227	20,975							
OPERATING- MATERIALS & SUPPLIES, STORAGE, RENTALS, INSURANCE, ETC.	161,647	161,647							
TOTAL CONS. SERVICES	315,852	276,608	255,633					20,975	
<u>CHATHAM-KENT GREENING PROJECT</u>									
WAGES AND BENEFITS	369,826	353,365							
ADMINISTRATION OVERHEAD	79,298	78,860							
OPERATING- MATERIALS & SUPPLIES, STORAGE, RENTALS, INSURANCE, ETC.	400,000	500,000							
TOTAL CONS. SERVICES	849,124	932,225	18,900		80,000	228,000	605,325		
<u>COMMUNITY TREES INITIATIVE</u>									
	0								
<u>CAPITAL/MISCELLANEOUS</u>									
UNION GAS CENTENNIAL PROJECT	0								
ADMINISTRATION BUILDING REPAIRS/UPGRADES	100,000	0							
EMPLOYMENT PROGRAMS (FED/PROV)	0		28,800			-28,800			

LOWER THAMES VALLEY CONSERVATION AUTHORITY

Levy for 2017 using Modified CVA

	Current Value Assessment (Modified CVA)	% of Levy	C-K Flood Control, Greening Levy 2017	Non-Matching Levy 2017	Matching Levy 2017	Total General Levy 2017	Total Municipal Levy 2017	Total Municipal Levy 2016	\$ Change from 2016 Levy	% Change from 2015
Chatham-Kent	7,140,137,149	58.0225%	205,000	701,808	91,564	793,372	998,372	981,808	16,564	1.69%
City of London	1,420,065,389	11.5398%	0	139,579	18,211	157,790	157,790	153,497	4,293	2.80%
Dutton\Dunwich	418,559,655	3.4013%	0	41,140	5,368	46,508	46,508	44,764	1,744	3.90%
West Elgin	532,724,255	4.3290%	0	52,362	6,832	59,193	59,193	57,677	1,516	2.63%
Strathroy-Caradoc	710,530,785	5.7739%	0	69,839	9,112	78,950	78,950	76,758	2,192	2.86%
Middlesex Centre	194,877,306	1.5836%	0	19,155	2,499	21,654	21,654	20,994	659	3.14%
Southwest-Middlesex	357,626,720	2.9062%	0	35,151	4,586	39,737	39,737	38,810	928	2.39%
Town of Leamington	288,894,492	2.3476%	0	28,396	3,705	32,100	32,100	31,398	703	2.24%
Southwold	151,028,999	1.2273%	0	14,845	1,937	16,781	16,781	16,346	436	2.67%
Town of Lakeshore	1,091,359,887	8.8687%	0	107,270	13,995	121,266	121,266	117,427	3,839	3.27%
TOTAL	12,305,804,636	100%	\$205,000	\$1,209,545	\$157,807	\$1,367,352	\$1,572,352	\$1,539,478	\$32,874	2.14%

7.2) Budget vs Revenue and Expenditures for the period ended September 30, 2016

Background:

Review the 2016 Budget to the Revenue and Expenditures for the seven months ended September 30th, 2016.

Current Situation:

EXPENSES

	2016 BUDGET	2016 BUDGET SEPTEMBER PRORATION	2016 ACTUAL TO SEPTEMBER 30
WATER MANAGEMENT			
FLOOD CONTROL STRUCTURES	152,044	114,033	134,052
EROSION CONTROL STRUCTURES	31,438	23,578	8,811
FLOOD FORECASTING AND WARNING	267,026	200,269	108,824
TECHNICAL STUDIES	37,689	28,267	27,628
PLANNING & REGULATIONS	207,139	155,354	172,534
WATERSHED MONITORING (PGMN)	64,162	48,122	10,162
SOURCE PROTECTION	24,900	18,675	23,897
THAMES MOUTH DEBRIS REMOVAL	20,000	15,000	593
Water Management Subtotal	804,398	603,298	486,501
CONSERVATION & RECREATION PROPERTIES			
CONSERVATION AREAS	488,532	366,399	472,542
COMMUNITY RELATIONS AND EDUCATION			
COMMUNITY RELATIONS	166,047	124,535	104,223
CONSERVATION EDUCATION	90,578	67,934	56,103
SKA-NAH-DOHT VILLAGE	172,223	129,167	171,772
Community Relations & Education Subtotal	428,848	321,636	332,098
CONSERVATION SERVICES/STEWARDSHIP			
CONSERVATION SERVICES (FORESTRY)	39,268	29,451	13,373
CHATHAM-KENT GREENING PROJECT	849,124	636,843	725,505
PHOSPHORUS REDUCTION	315,852	236,889	272,327
COMMUNITY TREES INITIATIVE	0	0	0
Conservation Services/Stewardship Subtotal	1,204,244	903,183	1,011,205
CAPITAL/MISCELLANEOUS			
ADMINISTRATION BUILDING	100,000	75,000	11,090
REPAIRS/UPGRADES			
UNION GAS CENTENNIAL PROJECT	0	0	0
EMPLOYMENT PROGRAMS (FED/PROV)	0	0	0
Capital/Miscellaneous Subtotal	100,000	75,000	11,090
	3,026,022	2,269,516	2,313,436

REVENUE

	2016 BUDGET	2016 BUDGET SEPTEMBER PRORATION	2016 ACTUAL TO SEPTEMBER 30
GRANTS	675,651	506,738	822,842
GENERAL LEVY	1,339,478	1,004,609	1,339,479
DIRECT SPECIAL BENEFIT	200,000	150,000	200,000
GENERAL REVENUES	717,393	538,045	824,158
FOUNDATION GRANTS & REVENUES	5,000	3,750	7,422
RESERVES	88,500	66,375	0
CASH FUNDING	3,026,022	2,269,517	3,193,901
OTHER	0	0	770,200
TOTAL FUNDING	3,026,022	2,269,517	3,964,101

Discussion:

Expenses

Water Management expenses are below budget as there are several large items still outstanding and due to a relatively uneventful year to date in terms of flood concerns and issues.

Conservation area expenses are above budget as most large projects, activities and related expenses and operation of the campgrounds occur during the summer months.

Community Relations and Education are below budget mostly because of the McGregor Creek-Great Lakes Agricultural Stewardship Initiative (GLASI) Program run by the individuals in this program and their income and expenses being included in the Conservation Services - Phosphorus Reduction area. SKA-NAH-DOHT Village is over budget as most of their repairs and expenses are incurred in the summer months and included in these expenses. They also performed two larger and more expensive projects this summer. These were replace part of the palisade walls and rebark part of one of the longhouses from additional grant money they received.

Consistent with the May 31st budget analysis, Conservation Services are above budget due to several factors. The first is higher tree sales and planting with most of the expenses being incurred in the spring and summer months. The second is due to the front loaded costs of the purchase and installation of the equipment for the Jeannette's Creek GLASI program. The third is an additional grant toward the Jeannette's Creek GLASI Program and the costs related to that grant. The last factor is the McGregor Creek GLASI Program noted in Community Relations and Education above. Note: There is \$143,000 of capital asset expenditures for the Jeannette's Creek GLASI Program not included in this amount that are being capitalized and amortized over the life of the assets.

Capital/Miscellaneous is below budget as \$135,000 of the expenditures for the Administration Building are being capitalized and amortized over the life of the assets.

Revenue

Grant income is greater than prorated budget because of more grants received than budgeted, like the McGregor Creek-Great Lakes Agricultural Stewardship Initiative (GLASI), and also due to the timing of grants invoiced.

Levy revenue matches budget as all levies have been invoiced and recognized as revenue with only a small balance outstanding in accounts receivable.

General Revenue is higher than the expected due to several factors. Then first is planning and regulations fees are slightly higher than expected but this is mostly due to the seasonal nature of permits with the spring and summer months being the peak period.

Conservation area revenues are higher than expected due to the seasonal nature of this area and a significant amount of revenues for the year have been earned at this point.

Conservation education and SKA-NAH-DOHT Village are comparable to the prorated budget balances.

Conservation Services and the Chatham Kent Greening Project are higher than expected due to two factors. The first is the seasonal nature of this program and a significant portion of the revenues for the year have been earned at this point. The second is due to several large projects like Clear Creek that were not included in the budget.

Foundation Grants and Revenues is relatively even with annual revenue as the Memorial Trees Revenue has been settled for the year.

The large Other revenue item is the due to the generous donation of two parcels of land.

Recommendation: That the Board of Directors receive the Budget vs Revenue and Expenditures for the period ended September 30, 2016 report.

7.3) Walter Devereux CA

In 2010 the agricultural field (45 acres) associated with this property was planted in Tallgrass prairie for Biofuel research through OMAFRA. This program has been completed and in 2014 the LTVCA board requested that staff look into alternative uses for this land. Since that time we have been successful in a grant for developing the site as a farm demonstration site. Therefore we would like approval to lease out roughly half of the Tallgrass prairie area for farming purposes. We will recoup some costs here with the collection of land rent (approximately \$5000/year), and at the same time maintain the prairie and create a self-guided tour site.

Recommendation: That the Board of Directors give approval for staff to seek out a farm tenant to lease approximately half of the Tallgrass prairie area at the Walter Devereux CA.

7.4) Jeannette's Creek Islands

We recently acquired approximately 120 acres of a Provincially Significant Wetland parcel located within Jeannette's Creek. Several hunters have approached the LTVCA with interest in leasing this land for the purposes of seasonal duck hunting. Our neighbor Conservation Authorities including: ERCA, SCRCA and LPRCA all have lands which they lease out to the hunting community.

Recommendation: That the Board of Directors come to a decision on whether hunting should be allowed on and around this land-locked property, or on other landlocked or isolated parcels owned by the LTVCA upon staff review.

7.5) 2017 Proposed Fee Schedules

Background:

An annual review of the various fee schedules at the Conservation Authority is performed with the new fee schedules to be brought before the Board of Directors for approval prior to the applicable year.

Current Situation:

The 2016 fee schedules were reviewed by their respective departments and all suggested modifications brought forward to the Board of Directors meeting held October 20th, 2016.

Discussion:

There were no changes recommended or made to the Regulation Fees, Planning and Technical Review Fees or Conservation Services Fees.

The fee changes for the Education Programs are normally implemented at the beginning of the school year and will be brought forward at a meeting in the New Year.

The Conservation Areas Fee schedule, as well as the fees had three minor modifications.

The first change was Pavilion/Area Rental was added to Big Bend.

The second change was the parking fee for Pavilion/Area Rental and Barn (CM Wilson) was changed from a flat fee to a fee per 25 vehicle passes. This better accommodates the small groups and better reflects the increased work and costs for bigger groups.

The third and final change is a small wording change to the security deposit. The original wording was:

† Requires \$150 Cash Security/Key Deposit, to be refunded if applicable.

And was changed to:

† Requires \$150 Security/Damage Deposit, to be refunded if applicable.

Recommendation: That the 2017 Regulation Fees, Planning and Technical Review Fees, Conservation Services Fees and Conservation Areas Fee Schedules be adopted as presented.

Lower Thames Valley Conservation Authority 2017 Conservation Areas Fee Schedule

ALL PRICES INCLUDE HST

	Longwoods Road	Big Bend	CM Wilson	EM Warwick
Camping (<i>Single Sites</i> [†])		✓	✓	
Group Camping (<i>5 person min.</i>)	✓	✓	✓	✓
Seasonal Camping		✓	✓	
Seasonal Day Use Permits	✓	✓	✓	
Pavilion/Area Rental	✓	✓	✓	

<u>Day Use Fees</u>	<1.5 hrs	<3 hrs	Max per day	Yearly Pass	Bus
	4.00	8.00	12.00	60.00	110.00

<u>Camping</u>	Nightly	Weekly	Monthly	Half Season <i>(10 weeks)</i>	Season <i>(Victoria Day – Thanksgiving)</i>
Hydro & Water	38.00	225.00	575.00	900.00	1600.00
Hydro Only	36.00	210.00			
Unserviced	30.00	180.00			1450.00
Reservation Deposit*	Deposit equals first night's stay <i>(Non-refundable without 24 hours notice)</i>				
Group Camping	10.00 per person <i>(Pre-Booked; Subject to \$50 reservation deposit*, Non-refundable without 24 hours' notice)</i>				

<u>Warwick†</u> <i>(Includes all buildings)</i>	Weekends/night	Fri & Sat bundle	Sun-Thurs/night	Weekly
Peak Season (May-Oct)	300.00	550.00	200.00	1000.00
Off Season (Nov-Apr)	250.00	450.00	150.00	750.00
Reservation Deposit*	100.00 <i>(Non-refundable without 30 days' notice)</i>			

<u>Pavilion Rental†</u>	Per day, excludes parking <i>(Guests must use Pay & Display machine OR Purchase passes in advance)</i>			
Pavilion/Area Rental	100.00			
Barn (CM Wilson)	250.00			
Per 25 Vehicle Passes	50.00			
Reservation Deposit*	100.00 <i>(Non-refundable without 30 days' notice)</i>			

<u>Firewood</u>	Bundle (~10 pcs)	Bucket (½ face cord)
	10.00	50.00

Other Fees:

Extra Overnight Vehicle	10.00	per night
Non-Camper Sewage Disposal	15.00	<i>(C.M. Wilson Only)</i>
Seasonal Camping:		
Extra Refrigerator	125.00	per season
Electric Golf Cart	60.00	per season
Extra Vehicle	60.00	per season
Grass Cutting	40.00	per cut
Utility shed (max 4'x4')	50.00	per season
Winter Trailer Storage	200.00	per unit

‡ Includes one vehicle per site; limit 4 persons per site unless family unit

† Requires \$150 Security/Damage Deposit, to be refunded if applicable

* Reservation deposit applied to total bill

7.6) Joint Health & Safety Committee Minutes, September 19, 2016

LOWER THAMES VALLEY CONSERVATION AUTHORITY

JOINT HEALTH AND SAFETY COMMITTEE MINUTES

September 19, 2016

A meeting of the Lower Thames Valley Conservation Authority's (LTVCA) Joint Health and Safety Committee (JHSC) was held September 19, 2016. Committee members present were: T. Casier, R. Dysarz, V. Towsley and A. Vriends.

Site inspections of Merlin, Two Creeks, Rowsom's, Big O, Lighthouse and Courey were conducted. See completed Workplace Inspection Records for details

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

LTVCA Joint Health and Safety Committee
Workplace Inspection Record

Inspection Location: Two Creeks

Date/Time of Inspection: September 19, 9:24 a.m.

Item; location	Hazards Observed	Recommended Action	GM Response		Action Taken/ Required to Repair	Completed By (Date/initials)
			Complete by (date)	Alternative Action		
Bridge #8 - Pembina	- entire structure unstable	- bridge needs to be removed, cordon off until removal undertaken				
Bridge #3 - Hummingbird	- poor condition	- remove and replace				
Bridge #4 - Walnut	- poor condition	- remove and replace				
Next Bridge	- hole on south side	- fill				
Bridge #5 - North	- high water has shifted bridge is main support beam cracked? - missing and rotting rails	- needs further investigation - repair/replace				
Last bridge on 2nd creek	- wood debris pile at end (nails in wood)	- remove and dispose of				
Large debris pile	metal, carpet, wood debris	- confirm that this is on CA land			- not on CA property	Sept 20/16 - V.W.
Buck Rake	- sharp rusty points	- remove back onto neighbouring lands				
Bridge #11 - Willow #2	- culvert failing - narrowing	- repair/replace				
Bridge to east of Hike Bridge - not on map / no name	- hand rails gone - side banks eroding - bridge on angle	- needs to be removed!				

LTVCA Joint Health and Safety Committee
Workplace Inspection Record

Inspection Location: see below

Date/Time of Inspection: September 19, 2016 / see below

Item; location	Hazards Observed	Recommended Action	GM Response		Action Taken/ Required to Repair	Completed By (Date/initials)
			Complete by (date)	Alternative Action		
LOCATION	Merlin - none noted	8:43 a.m.				
LOCATION East Side FYI ONLY Desimpel Road	Rowsom's - bike trail into bush 1/2 way down	12.31 p.m.				
West Side Boardwalk	- several rotted boards	- remove and replace				
Ash trees at end of boardwalk	- dead	- remove				
Along trail	- steel culvert 3 - 4" exposed - Big O - 6 - 8" exposed - branch of dead tree overhanging trail	- cover - cover - cut and discard to side				
LOCATION	Big 'O' - none noted	1:39 p.m.				

LTVCA Joint Health and Safety Committee
Workplace Inspection Record

Inspection Location: see below

Date/Time of Inspection: September 19, 2016 / see below

Item; location	Hazards Observed	Recommended Action	GM Response		Action Taken/ Required to Repair	Completed By (Date/initials)
			Complete by (date)	Alternative Action		
LOCATION Lighthouse	Lighthouse - someone has cut through bolt & placed their own lock on it - have done damage to the bolt latch hasp.	2:16 p.m. - repair				
LOCATION	Courey - attempted to view property - no clear access	2:58 p.m.				

7.7) Ska-Nah-Doht Advisory Committee Minutes – September 22, 2016



Ska-Nah-Doht Advisory Committee

MINUTES

A meeting of the Ska-Nah-Doht Advisory Committee was held at the Resource Centre in Longwoods Road Conservation Area at 2:00 P.M. on Thursday, September 22, 2016. The following members were in attendance: R. Doane, D. McKillop, G. Bogart, D. Fairbairn, D. Fallon, B. Bruinink, L. Chelchowski and D. Pearson.

Before the meeting, members toured the village to see the work accomplished this summer using funds provided through the *Heritage Build Project 2016*.

1. Minutes of the Last Meeting

1. D. Fallon – D. McKillop

Moved that the minutes of the June 23, 2016 meeting be approved.

CARRIED

2. Business for Approval

2.1) Strategic Plan Review

2. D. Pearson – D. McKillop

Moved that the next Strategic Plan be for 5 years - 2017 – 2021 and a draft be presented at the next meeting.

CARRIED

2.2) Ska-Nah-Doht Fund/Heritage Build Project Update

Ska-Nah-Doht Fund total after revenue and expenses for the Heritage Build is \$23,210.23. To date, revenue of \$30,000 has been donated to the Heritage Build Project 2016-2017 from outside sources and expenses of \$8,510.10 have been allocated to the project.

3. G. Bogart - D. Fallon

Moved that item 2.2 be received for information.

CARRIED

3. Business for Information

- 3.1) Education Programs and Workshops
- 3.2) Summer Student Employment through Grants
- 3.3) Community Museum Operation Grant (CMOG) 2015\2016
- 3.4) Ska-Nah-Doht Recognition Program

4. R. Doane - D. Fallon

Moved that agenda items 3.1 through 3.4 be received for information.

CARRIED

3.5) Upcoming 2016 Events

4. Other Business

None

5. Next Meeting Date

Thursday, November 24, 2016 at 2 p.m.

6) Adjournment

5. R. Doane - G. Bogart

Moved that the meeting be adjourned

CARRIED

Don Fairbairn
Chair

8. Business for Information

8.1) Water Management

Flood Forecasting and Operations

There have been no significant events from a Flood Forecasting and Operations perspective since the last Board of Directors meeting in August. The recent flooding nearby in Windsor, Tecumseh, and Lakeshore had flood forecasting staff paying close attention to the situation, but nothing significant happened in the Lower Thames jurisdiction.

In addition to the McGregor Creek water level gauge at Highway 401 and Communication Road being out of commission, the LTVCA has learned that the Thames River water level gauge at Thamesville will also need to be taken out of commission for construction work. The Victoria Road (Highway 21) bridge over the Thames River requires reconstruction. A new bridge will be constructed downstream of the existing one and then the old one will be removed. This construction is scheduled for 2017-2018. Construction activities will impact the water level gauge as well as the water quality station at this location. It is likely that the stations will have to be removed at some point during the construction. This will have an impact on Flood Forecasting operations for the LTVCA as this is the last gauge on the river before the City of Chatham used to predict flood levels. For the duration of its inactivity, the closest gauge to the City of Chatham will be at Currie Road in Dutton-Dunwich. Even after the Thamesville gauge is reinstalled post-construction there will be impacts to flood forecasting for several years. Modifications to the arrangements of the abutments will require a new rating curve to be developed for the location. Until a new rating curve is developed, flood forecasts will be less precise in Chatham-Kent.

Flood Control Structures

At the last Board of Directors meeting, staff were asked to obtain additional quotes for brush removal by wet blade treatment for the Indian-McGregor Creek Diversion Channel. Three additional contractors were contacted, and all said they would submit quotes, but as of October 12th, no additional quotes had been submitted. It may be that this work will need to be pushed back until next year.

Low Water Response Program

The LTVCA participates in the Provincial Low Water Response Program as part of a team made up of local stakeholders and agency staff charged with managing the local response to drought conditions. Low Water Conditions are determined based on several indicators including; 3 month rainfall, 18 month rainfall and monthly flows in the watercourses. From October until March and again from July to August, the region was in a Low Water Level One condition. In September, the Low Water Level One Condition was lifted as precipitation and Thames River flows had improved. For the October reporting, precipitation totals remained above the Low Water thresholds. Unfortunately, the increase in precipitation in the Lower Thames has not translated into increased flows in the Thames River and monthly average river flows have dropped back into a Level 1 Low Water Condition. As a Low Water Condition is based on any one of the indicators, a Low Water Condition Level One has again been declared. The socio-economic impacts of a Low Water Condition are lessened at this time of the year as the primary water users in the region are agricultural producers who aren't

using significant amounts of water at this time of the year for irrigation purposes. A report of local watershed conditions as they relate to the program is generated on an as needed basis, typically at the beginning of every month during the summer and fall. Those reports are not currently posted online but are available upon request.

Provincial (Surface) Water Quality Monitoring Network (PWQMN)

Additional surface water quality monitoring has begun in the Lower Thames watershed as per the recent MOECC grant. Twenty-one locations (up from eight) are now being monitored on a monthly basis. Work is also ongoing to install an automated water quality sampler on an additional municipal pump drain.

Fall water quality sampling has also begun on 7 of the local Provincial Groundwater Monitoring Network (PGMN) wells.

Thames River Clearwater Revival

Work continues on the Thames River Water Management Plan. Recommendations for the water quality section are being finalized and a meeting of technical staff is scheduled for Thursday October 20th. Recommendations for the water quantity section are also being worked on with the latest round of revisions being circulated on September 29th and comments from Technical staff requested for October 12th.

Source Water Protection

There are some staffing changes going on in the Source Water Protection program. Michelle Fletcher, the current Source Protection Coordinator, is moving on taking over the Aquatic Biologist position at the Upper Thames River Conservation Authority. The program also requires additional assistance handling the start-up Risk Management workload it has contracted with the member municipalities. The program is therefore hiring a short-term contract Risk Management Advisor. Both positions have now been posted externally.

Information Technology

Investigations continue into the pros and cons, as well as the logistics, of possibly migrating the LTVCA's in-house email services to a cloud based service such as Office 365. This would free up resources on the servers and it should require less staff time for computer maintenance.

8.2) Regulations and Planning

Planning and Regulations Policies and Operation Guidelines

The LTVCA held four open houses for the Planning and Regulations Policy manual on September 7th at Longwood's CA for Middlesex County, on September 8th at Dutton municipal centre for Elgin County, on September 12th at the Tilbury Arena for Essex County and on September 13th at the LTVCA Administration Building for the Municipality of Chatham-Kent. In total, 31 landowners and stakeholders attended the meetings (Middlesex – 5 people, Elgin – 18 people, Essex – 3 people, & Chatham-Kent – 5 people). Several requests for further information were made and staff will be reviewing the requests and will be sending out information as requested.

The next phase of the review will be taking any comments (email/mail/fax) and reviewing the manual to see what if anything can be amended. Some comments related specifically to the regulations themselves, which the CA cannot address as they are provincially driven. Other issues were more directly related to the Elgin County Shoreline Management Plan. Staff will be reviewing this document to determine what needs to be incorporated into our Policy manual. Several discussions with concerned groups will need to take place first before this component gets written. The manual will also be subsequently circulated to municipal planners, drainage superintendents, building inspectors, consultants, MNRF, other CA's and other stakeholders within the watershed for comments.

Questions have been raised about the existing and proposed structure of the LTVCA policies. Current LTVCA policies are contained within a document called the Operational Guidelines, with some additional policies directly coming out of Board resolution and not yet incorporated in the Operational Guidelines document. The proposed structure will be a Policy manual which discusses policies at a higher level and provides explanations of concepts for the public as well, together with an Operation Guidelines document which will describe policy implementation details. The Policy Manual will be the overarching guideline (similar to an Official Plan) and a subsequent review and update of the Operational Guideline (similar to a Zoning By-law) will take place. Staff will be preparing a comparison table on what changes from the existing Operational Guideline to the updated Policy Manual will occur and making this available via the website.

The Draft copy of the LTVCA's Planning and Regulations Policies are still posted on the Authority's website for commenting purposes by the Board of Directors, municipalities, other agencies, NGO's and public. Any and all input is greatly appreciated and welcomed.

Regulations Enforcement

Bill Menzie attended a Ministry of Natural Resources and Forestry (MNRF) Conservation Officer Team meeting in Aylmer on Friday, September 9th, 2016 and met most of the conservation officers within the Aylmer District. Mr. Menzie also met their head of intelligence. MNRF staff requested copies of the CA Regulation and Property Log Book to be printed if possible and also requested an electronic version.

The meeting went very well and the CA/MEU can expect all the assistance we can get from MNRF. MNRF staff will set up Protocols for information sharing. MNRF staff supplied the MEU with information for hunting and

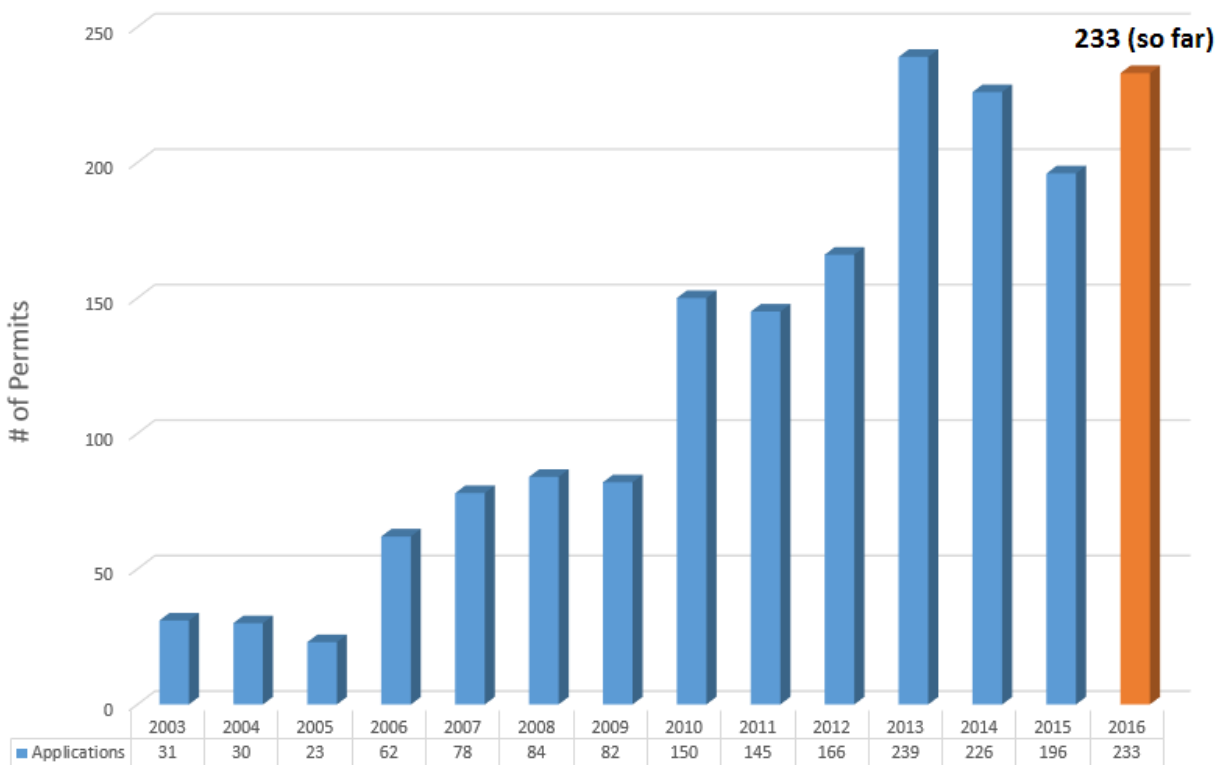
fishing regulations and will set up an emergency call out list for us to use. It was felt to be a very successful meeting and Mr. Menzie felt that we will have great co-operation with any enforcement needs.

There has been minimal activity with regards to Regulations Enforcement under Section 28 of the CA Act since the last Board of Directors meeting. Two Notices of Violation were issued for fill placement in a flood plain without a permit, and 3 site inspections were conducted in relation to complaints from the public. One of the site visits was handled by MEU with LTVCA staff following up with the landowner.

Regulations Permit Applications

LTVCA Regulations staff have observed an increase in the number of phone calls related to regulation inquiries this year (576 as of October 10, 2016 compared to 516 total in 2015). These numbers do not include drop-in inquiries nor e-mail inquiries, which are also numerous. In terms of actual permit applications, as of October 10, 2016, there have been a total of 233 permits applied for with 230 granted while three still remain active. In 2015, 196 permits had been applied for. The record number of permits applied for was in 2013 with a total of 239. Staff believe that it is safe to say that 2016 will be a banner year for regulations and permit applications.

LTVCA Permit Application Trend



Development, Interference with Wetlands and Alterations to Shorelines and Watercourses

Staff Report

LTVCA Regulation Log Book 2016

ITEM #8 (c)j

B.D. 10/20/16

APP#	APPLICANT	TOWN/CITY	MUNICIPALITY	APPLICATION TYPE	DECISION
174-2016	Braatz, Dan	Romney	Chatham-Kent	Construction	Granted: Aug 18, 2016
175-2016	Municipality of Chatham-Kent c/o Mike Demers	Tilbury North	Lakeshore	Construction	Granted: Aug 19, 2016
176-2016	Municipality of Chatham-Kent c/o Mike Demers	Harwich	Chatham-Kent	Alteration	Granted: Aug 19, 2016
177-2016	Municipality of Chatham-Kent c/o Brian Barlow	Raleigh	Chatham-Kent	Alteration	Granted: Aug 19, 2016
178-2016	Municipality of Chatham-Kent c/o Jordan Gray	Dover	Chatham-Kent	Alteration	Granted: Sept 14, 2016
179-2016	Municipality of Chatham-Kent c/o Jordan Gray	Tilbury East	Chatham-Kent	Alteration	Granted: Sept 01, 2016
180-2016	Plains Midstream c/o Scott Ballantyne	Tilbury East	Chatham-Kent	Alteration	Granted: Sept 01, 2016
181-2016	Municipality of Dutton Dunwich c/o Brent Clutterbuck	Tilbury East	Chatham-Kent	Construction	Granted: Sept 06, 2016
182-2016	Municipality of Dutton Dunwich c/o Brent Clutterbuck	Dunwich	Dutton Dunwich	Alteration	Granted: Sept 06, 2016
183-2016	Smyth, Glen	Dunwich	Dutton Dunwich	Alteration	Granted: Sept 06, 2016
184-2016	Smyth, John and Muriel	Harwich	Chatham-Kent	Alteration	Granted: Sept 06, 2016
185-2016	Municipality of Southwest Middlesex c/o Elizabeth Jeffer	Harwich	Chatham-Kent	Alteration	Granted: Sept 06, 2016
186-2016	Municipality of Southwest Middlesex c/o Elizabeth Jeffer	Ekfrid	Southwest Middlesex	Alteration	Granted: Sept 01, 2016
187-2016	McKerlie, Stephen	Mosa	Southwest Middlesex	Alteration	Granted: Sept 01, 2016
188-2016	Marsh, Joe and Jennifer	Tilbury North	Lakeshore	Construction	Granted: Sept 06, 2016
189-2016	Foster, Russell and Phyllis	Camden	Chatham-Kent	Construction	Granted: Sept 07, 2016
190-2016	Municipality of Middlesex Centre c/o Andrew Maver	Tilbury East	Chatham-Kent	Construction	Granted: Sept 12, 2016
191-2016	Lookhart-Ward, George and Tracy	Delaware	Middlesex Centre	Alteration	Granted: Sept 12, 2016
192-2016	Town of Lakeshore c/o Andrew Neely	Lighthouse Cove	Lakeshore	Alteration	Granted: Sept 12, 2016
193-2016	Town of Lakeshore c/o Andrew Neely	Tilbury West	Lakeshore	Alteration	Granted: Sept 12, 2016
194-2016	Municipality of Chatham-Kent c/o Jordan Gray	Tilbury West	Lakeshore	Alteration	Granted: Sept 12, 2016
195-2016	Municipality of Chatham-Kent c/o Jordan Gray	Tilbury East	Chatham-Kent	Alteration	Granted: Sept 12, 2016
196-2016	Town of Lakeshore c/o Andrew Neely	Tilbury East	Chatham-Kent	Alteration	Granted: Sept 12, 2016
197-2016	Town of Lakeshore c/o Andrew Neely	Tilbury West	Lakeshore	Alteration	Granted: Sept 12, 2016
198-2016	Eason, John and Dale	Tilbury North	Lakeshore	Alteration	Granted: Sept 13, 2016
199-2016	Burtwistle, James and Carol	Rondeau Bay Estates	Chatham-Kent	Construction	Granted: Sept 15, 2016
200-2016	Municipality of Chatham-Kent c/o Blaise Chevalier	Dutton	Dutton Dunwich	Construction	Granted: Sept 14, 2016
201-2016	Municipality of Chatham-Kent c/o Jordan Gray	Howard	Chatham-Kent	Alteration	Granted: Sept 15, 2016
202-2016	Municipality of Southwest Middlesex c/o Elizabeth Jeffer	Romney	Chatham-Kent	Construction	Granted: Sept 15, 2016
203-2016	Van Middelkoop, Travis and Leah	Ekfrid	Southwest Middlesex	Alteration	Granted: Sept 15, 2016
204-2016	Municipality of Chatham-Kent c/o Blaise Chevalier	Harwich	Chatham-Kent	Construction	Granted: Sept 15, 2016
205-2016	Municipality of West Elgin c/o Pete MacMillan	RTL	Chatham-Kent	Alteration	Granted: Sept 20, 2016
206-2016	Municipality of West Elgin c/o Pete MacMillan	Aldborough	West Elgin	Alteration	Granted: Sept 22, 2016
207-2016	Jeans, Darren	Aldborough	West Elgin	Alteration	Granted: Sept 22, 2016
208-2016	Municipality of Southwest Middlesex c/o Elizabeth Jeffer	Lighthouse Cove	Lakeshore	Construction	Granted: Sept 27, 2016
209-2016	Municipality of Leamington c/o Gaspare Graziano	Ekfrid	Southwest Middlesex	Alteration	Granted: Sept 26, 2016
210-2016	Township of Southwold c/o Jake McKillop	Mersea	Leamington	Alteration	Granted: Sept 30, 2016
211-2016	Union Gas c/o Ryan Park	Southwold	Southwold	Alteration	Granted: Sept 26, 2016
212-2016	Union Gas c/o Ryan Park	Dover	Chatham-Kent	Alteration	Granted: Sept 30, 2016
213-2016	Union Gas c/o Ryan Park	Dover	Chatham-Kent	Alteration	Granted: Sept 30, 2016
214-2016	Union Gas c/o Ryan Park	Dover	Chatham-Kent	Alteration	Granted: Sept 30, 2016
215-2016	Union Gas c/o Ryan Park	Dover	Chatham-Kent	Alteration	Granted: Sept 30, 2016
216-2016	Union Gas c/o Ryan Park	Dover	Chatham-Kent	Alteration	Granted: Sept 30, 2016
217-2016	Municipality of Chatham-Kent c/o Jordan Gray	Dover	Chatham-Kent	Alteration	Granted: Sept 30, 2016

APP#	APPLICANT	TOWN/CITY	MUNICIPALITY	APPLICATION TYPE	DECISION
218-2016	Municipality of Chatham-Kent c/o Jordan Gray	Raleigh	Chatham-Kent	Alteration	Granted: Sept 30, 2016
219-2016	Municipality of Chatham-Kent c/o Jordan Gray	Raleigh	Chatham-Kent	Alteration	Granted: Sept 30, 2016
220-2016	Municipality of Chatham-Kent c/o Jordan Gray	Raleigh	Chatham-Kent	Alteration	Granted: Sept 30, 2016
221-2016	Municipality of Chatham-Kent c/o Blaise Chevalier	Raleigh	Chatham-Kent	Alteration	Granted: Sept 30, 2016
222-2016	Thames Sales Yard Limited c/o Jeff VanRoboeyes	Howard	Chatham-Kent	Alteration	Granted: Oct 04, 2016
223-2016	DeBoer, Ken	Camden	Chatham-Kent	Alteration	Granted: Oct 07, 2016
224-2016	Lefalve, Donna Gayle	Raleigh	Chatham-Kent	Construction	Granted: Oct 07, 2016
225-2016	Municipality of Dutton Dunwich c/o Brent Clutterbuck	Lighthouse Cove	Lakeshore	Alteration	Granted: Oct 07, 2016
226-2016	Municipality of Chatham-Kent c/o Jordan Gray	Dunwich	Dutton Dunwich	Alteration	Granted: Oct 06, 2016
227-2016	Municipality of West Elgin c/o Pete MacMillan	Tilbury East	Chatham-Kent	Alteration	Granted: Oct 07, 2016
228-2016	Municipality of Chatham-Kent c/o Jordan Gray	Aldborough	West Elgin	Alteration	Granted: Oct 07, 2016
229-2016	Municipality of Chatham-Kent c/o Jordan Gray	Raleigh	Chatham-Kent	Alteration	Granted: Oct 07, 2016
230-2016	Municipality of Chatham-Kent c/o Jordan Gray	Raleigh	Chatham-Kent	Alteration	Granted: Oct 07, 2016
231-2016	Town of Lakeshore c/o Andrew Neely	Raleigh	Chatham-Kent	Alteration	Granted: Oct 07, 2016
232-2016	Town of Lakeshore c/o Andrew Neely	Tilbury North	Lakeshore	Alteration	Granted: Oct 07, 2016
233-2016	Wulms, Thomas	Tilbury North	Lakeshore	Alteration	Granted: Oct 07, 2016
		Wheatley	Chatham-Kent	Construction	Granted: Oct 07, 2016

Recommendation:	That applications 174-2016 to 233-2016 be ratified.
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8.3) Conservation Areas

2016 August 31 – September 30 Visitation / Camping Stats

Longwoods Road Conservation Area – 717 people – cancelled invitational cross-country running meet due to weather (2,165 in 2015)

(Includes 2 people per pay & display permit (transaction)

Pay and Display Permits - 177 vehicles (176 in 2015)

E.M. Warwick Conservation Area – 80 (350 in 2015)

Big Bend Conservation Area – 10 people (269 in 2015)

C.M. Wilson Conservation Area – 3,005 (3,417 in 2015)

(Includes 2 people per pay & display permit (transaction)

Pay and Display Permits – 151 vehicles (96 in 2015)

2016 Annual Season's Passes - 42 have been sold at time of writing. Note: Additional Season's Passes have also been distributed free of charge to Directors, staff, seasonal campers and draw winners from the Go Wild Grow Wild event in April. The \$60 passes are for sale at the Administration Building, C.M. Wilson and Longwoods Road Conservation Areas. They are good for free dayuse at Longwoods, C.M. Wilson and Big Bend Conservation Areas.

Conservation Areas

CM Wilson CA

Events held at CM Wilson:

- McKinlay Memorial Service, September 11th, 2016
- Canadian Cancer Society Mud Run Event, September 17th, 2016
 - 175 participants and volunteers participated in this event, raising approximately \$14,000 for leading edge cancer research, community programs and services such as the Wheels of Hope Transportation Program
- Chatham-Kent & Lambton Children's Water Festival, October 4th, 5th & 6th, 2016

Barn renovations that bring LTVCA up to the fire code standards have been completed, as well as new paint and entrance doors. The last step in five conditions required by the Chatham-Kent Fire Department has been completed with the Authority's Fire Safety Plan having been prepared and submitted on October 11, 2016 to the Chief Fire Official for his approval.

The boardwalk across the pond is currently under construction and will be completed before the end of the year. This involves taking out the lumber and steel pipe, inserting several culverts, and covering with an earthen berm. This project is funded by a grant from LSHRP (Land Stewardship Habitat Restoration Program) attained by staff for \$25,000.

Signage

Several new property signs have been installed at: Rowsom, Two Creeks, Sharon Creek and Big Bend Conservation Areas.

Two Creeks CA

The Wheatley Two Creeks Association has been busy repairing and installing new bridge spans to replace old and unsafe structures throughout the conservation area. The Pembina Bridge, which was shifted off of its footings in a flash flood event, will be replaced by a new 50 foot long span, anchored to large solid concrete blocks at each end. The structure is totally reinforced along its length, with double steel guard rails. The deck will be pressure treated planking, with the planks inserted into a channel on each side. Individual planks can be replaced by opening a window at three places along the span and sliding in a new plank for future ease of maintenance. Ramps will be built up on either side for access to the bridge.

There are also two other minor structures on small tributaries of the East Branch of Two Creeks that are to be replaced as well, Bridge 3, Hummingbird and Bridge 4, Walnut. Both are currently wooden span structures in poor condition. The Hummingbird Bridge will be replaced completely with a 4' dia. x 30' long CSP steel culvert, with the Walnut Bridge being replaced by a similar wooden span structure, both to have fill ramps brought up to the edges.

Enforcement on CA lands

MEU (Municipal Enforcement Unit) has had a visible presence at several authority properties, including Skunk's Misery, Sharon Creek and Rowsom Conservation Areas. Several tickets were issued at Skunk's Misery in the past few weeks for illegal use of ATV's on Conservation Authority land. Further to this a meeting was held October 12, 2016 with: LTVCA, Thames Talbot Land Trust and Middlesex County that will allow MEU to enforce our regulations on their lands as well.

Skakel Land Donation

An engraved boulder signifying the donor's contribution was placed on site.

8.4) Conservation Services

Grants

Current grant applications:

1. **Wetland Monitoring of Rondeau**
 - a. **OMAFRA** - The overall project value is \$375 000; funders contribution \$125,000
2. **Agricultural BMPs**
 - a. **OMAFRA** - The overall project value is \$400,000; funders contribution \$128,000
3. **Tomorrows Greener Schools Today**
 - a. **Ontario 150** - The overall project value is \$100,000; funders contribution is \$49,000
4. **Tree of the Year Program**
 - a. **World Wildlife Fund** – The overall project value is \$20,000; funders contribution is \$7000
5. **Thames River Canoe Trail**
 - a. **Chatham Kent Community Partnership Fund** – The overall project value is \$35,000; funders contribution is \$15,000

General Program Update

The stewardship department has implemented a database system for more convenient project tracking, reporting, and invoicing. We are currently making minor adjustments to ensure accuracy. We are starting to use it for 2017 projects.

“**A Living History- Heritage Trees of Chatham-Kent**” was a success. The 45 minute documentary which features local citizens was screened at the Chatham Cultural Centre, with over 115 people attending. The fund raiser gala afterward raised \$4,000. These funds will go toward tree planting in CK and support local artist Lorraine Roy.

Natural Heritage Implementation Strategy

Currently, we are packaging the information to determine woodlot loss from 2010 to 2015, calculating total Chatham-Kent Natural Heritage, and showing natural restoration acreage.

Partnerships and Public Areas

Again for 2016-2017 LTVCA has partnered with Chatham-Kent Public Health to provide trees in school yards. The program is called Tomorrows Greener Schools Today. For 2017 there are plans to create an education awareness film for school presentations. There are also potential grant funds for more promotion of the program.

Events: “Farm to Coast” Bus Tour

The LTVCA hosted the “Farm to Coast” annual stewardship bus tour in Chatham-Kent on September 22nd. The tour provided local landowners and project funders with the opportunity to visit and learn about restoration projects that have been occurring throughout the watershed. These projects included seedling plantings,

windbreaks, native prairie grasslands, wetlands and phosphorus reduction research initiatives. Additionally, attendees had the opportunity to tour the GLASI Jeannettes Creek Priority Subwatershed and see how LTVCA staff, in partnership with local farmers, are assessing and monitoring the effectiveness of agricultural best management at reducing farm sourced phosphorus loading. A soil pit was excavated at Blake Vince's farm, to demonstrate the benefits that a no-till and multi-species cover crop system can offer to a producers overall soil health and soil resiliency to phosphorus transportation.

Approximately 35 people attended the "Farm to Coast" bus tour. Additionally, the bus tour received significant media attention, with multiple articles released in the Chatham Daily News regarding topics discussed on the tour. The LTVCA would like to thank Jeff Jack, Blake Vince, Peter Roberts (OMAFRA), and Rob Buchanan for speaking throughout the bus tour event.



Figure 1: Blake Vince Speaking at the LTVCA "Farm to Coast Tour" about Soil Health, No-Till Farming, and Cover Crops

Private Lands

Tree Planting:

Projects for 2017 are already coming in as we continue to network with landowners and meet their needs.

Wetlands:

Wetland excavations continue with funding from Wildlife Habitat Canada \$30,000, and National Wetland Conservation Fund \$100,000. Ducks Unlimited has been able to contribute to specific projects.

Species at Risk Drainage Biologist

A brief proposal was submitted to DFO for negotiation of a conservation agreement in September. DFO is currently reviewing the proposed negotiation budget and will notify the LTVCA of their decision in the near future.

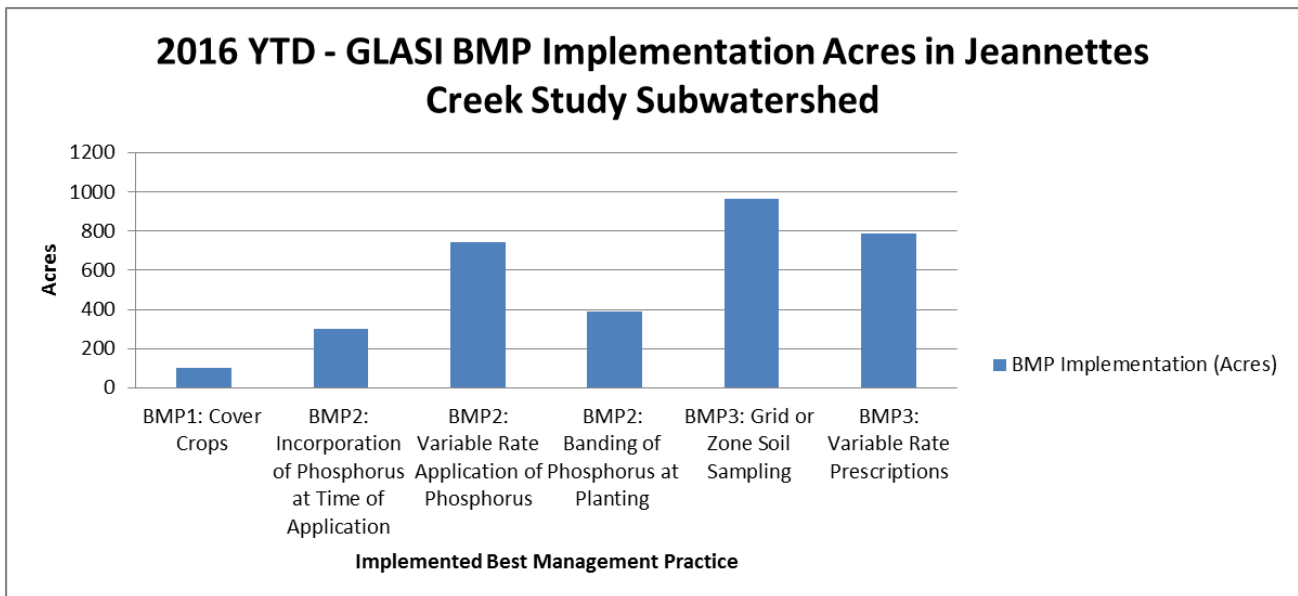
Nearly 75 acres of Phragmites control projects have been secured between Rondeau Bay and Wheatley. Treatment of these sites has commenced and will continue until the first deep frost. Site visits are still being conducted for Riparian Buffer Improvement Program within the Rondeau Bay Subwatershed. The three-year target of 45 acres has already been exceeded with over 50 acres of riparian buffer projects already complete.

GLASI Jeannettes Creek Priority Subwatershed Project Update:

The GLASI Jeannette’s Creek Agricultural Phosphorus Reduction and Monitoring Program remains in the monitoring and implementation phase. The majority of monitoring network in the study area is now operational and is continually collecting rainfall, climate, and water quality data. The field scale monitoring stations still require some instrumentation, however the LTVCA anticipates the 4 edge of field water quality sampling plots will be fully operational by the end of October.

Water quality sampling has been limited this summer and fall for the GLASI project, as there have been few significant rain events in the Jeannette’s Creek study region. The LTVCA collected flow data and a significant number of water quality samples from 2 pump houses in the Jeannette’s Creek study subwatershed during the rain event that occurred from September 28th to the 30th. The Jeannette’s Creek study area received approximately 75 mm of rainfall over the duration of the 3 day rain event. Auto-motivated samplers will continue to operate and sample at the pump stations as rain events continue to occur this fall.

Farmer participation and agricultural best management practice (BMP) adoption through the project continued to increase this fall. Year to date, approximately 39 BMPs have been implemented in the study area, covering a total of 1,431 acres of agricultural land. The below chart illustrates the total acreage of BMP implementation for each adopted program BMP for the year of 2016.



Three new best management practices have been introduced to the GLASI Jeannette’s Creek cost-share program in an attempt to increase adoption levels with local farmers and reduce agriculturally sourced phosphorus loads. Applications for the new BMPs will be available to eligible landowners this fall. Below are the newly introduced BMPs for funding in the study subwatershed:

- Buffer Strips
- Drainage & Water Management
- Tillage & Equipment Modifications

8.5) Community Relations

- Media releases are written as needed to bring attention to 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.
 - o Since early August 2016, eight media releases have been written and circulated (attached)
- New Response to Thames River Concerns – August 17
- Invitation to Comment on the Proposed Update to the LTVCA’s Regulations & Planning Policy and Procedure Manual – August 31
- LTVCA Presents Greening Partnership Stewardship Award – September 8
- Outdoor Education Programs at Longwoods Road Conservation Area! – September 12
- Tastes of Fall at Ska-Nah-Doht – September 16
- 8th Annual Chatham-Kent & Lambton Children’s Water Festival Gearing Up! – September 21
- Lots to do at Longwoods Road Conservation Area! – September 28
- \$2,000 Donation to Water Festival and Pond Trail Development – September 30

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.



Media Release
For Immediate Release – August 17, 2016

New Response to Thames River Concerns

The Thames River’s connection to algae in the Great Lakes is sparking local action. Around Lake Erie, work continues to solve the problem of harmful algae blooms, which affect drinking water, the local economy, and the health of the lake.

“The federal government has identified the Thames watershed as a priority because of the phosphorus the river carries into Lake St. Clair and Lake Erie, triggering harmful algae blooms,” explained Karen Maaskant, Water Quality Specialist with the Upper Thames River Conservation Authority (UTRCA). “They’ve set a target of reducing phosphorus loads in the Thames and its tributaries by 40% in order to improve water quality downstream.”

An umbrella organization called the Thames River Clear Water Revival (TRCWR) has been working in the background to build relationships, identify opportunities to improve water quality and quantity, secure funding, and implement meaningful actions. This initiative brings together all levels of government, First Nations, Conservation Authorities and the local community.

The TRCWR secured funding for a study on nutrients in the Thames. The study indicated that cutting back on the phosphorus reaching the river during the spring runoff is the key, and phosphorus is coming from sources across the entire Thames watershed.

“Best management practices are needed to manage phosphorus and slow the rate of runoff to the river, especially during spring peak flows when nutrient loads to the river are highest,” said Brad Glasman, UTRCA Conservation Services Manager. “On agricultural lands, these BMPs could be a suite of practices such as cover crops, or erosion control structures including berms and waterways. In urban areas, low impact development projects, like rain gardens, will help to improve water quality and reduce stormwater runoff.”

The study also identified the need for more monitoring, mainly in the Lower Thames watershed. Projects are now underway to expand the water quality monitoring network in that area, to measure progress in reducing phosphorus in the Thames watershed.

The TRCWR is writing a Water Management Plan that will identify actions to help reduce the Thames River’s impact on Lake St. Clair and Lake Erie. “The plan will provide broad recommendations for the river targeting water quality issues such as phosphorus, as well as water quantity concerns such as changing stream flows and the impacts on stream health,” explained Tara Tchir, TRCWR Project Manager.

The plan will also consider the local First Nations’ Indigenous Traditional Knowledge and how it can inform water management decisions. “This is the first time that First Nations have been able to participate in a Thames River management plan,” said Tchir. “The Clear Water Revival is helping us build partnerships that we haven’t had before.”

For Further Information Contact:

Karen Maaskant
Water Quality Specialist
Upper Thames River Conservation Authority
519-451-2800 ext. 246
maaskank@thamesriver.on.ca

Brad Glasman
Manager, Conservation Services, Upper
Thames River Conservation Authority
519-451-2800 ext. 251
glasmanb@thamesriver.on.ca

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Media Release
For Immediate Release – August 31, 2016

“Public Open Houses Scheduled” Invitation to Comment on the Proposed Update to the Lower Thames Valley Conservation Authority’s (LTVCA) Regulations & Planning Policy and Procedure Manual



The Conservation Authority’s Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (152/06) undergoes regular review by staff and when necessary, updates to the Policies are made when errors and/or omission are found. Revisions are undertaken so Conservation Authorities can better serve clients more effectively and address hazard concerns more efficiently in the regulated areas of the LTVCA’s watershed.

The proposed Regulations and Planning Policy update is available for public review Monday to Friday from 8:30 AM to 4:30 PM at the LTVCA’s Administration Building in Chatham at 100 Thames Street, or on line at <http://www.lowerthames-conservation.on.ca/planning-and-reg/regulations/>. Please note, these updates are intended to be of an administrative and housekeeping nature.

Open houses will be held from 2 - 4 pm and 5 - 7 pm across the watershed region:

Mount Brydges: Wednesday, September 7
at the Resource Centre - Longwoods Road Conservation Area (8348 Longwoods Rd.)

Dutton: Thursday, September 8
at the Dutton Municipal Office Council Chambers (199 Currie Rd.)

Tilbury: Monday, September 12
at the Conference Room at the Tilbury Municipal Arena (49 Bond Ave.)

Chatham: Tuesday, September 13
at the LTVCA’s Administration Office (100 Thames St.)

If you or your organization have any comments to make on the proposed update to the policies, please submit them in writing no later than September 30th, 2016 to: Jason Wintermute, LTVCA Water Management Supervisor, 100 Thames Street, Chatham, ON N7L 2Y8 E-mail: policycomments@ltvca.ca

For Further Information Contact:

Jason Wintermute
LTVCA Water Management Supervisor
Tel: 519-354-7310 Ext 227

Valerie Towlsley
LTVCA Resource Technician
Tel: 519-354-7310 Ext 2265

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Media Release
For Immediate Release
Sept 8, 2016

**"Rewarding Environmental Leadership"
LTVCA Presents Greening Partnership Stewardship Award**



Chatham-Kent - Please join us at the Lower Thames Valley Conservation Authority (LTVCA) Administration Building at 100 Thames Street in Chatham on Tuesday, September 13th at 11 a.m. to recognize Enbridge as the 'business' recipient of the Greening Partnership Stewardship Award. Enbridge has contributed greatly to the surrounding landscape by supporting environmental efforts with \$75,000 for the next five years.

Enbridge's donation will result in 75,000 trees planted and three wetlands being created, to restore 140 acres. Those conservation efforts will help mitigate phosphorus, slow runoff and help reduce nutrient loading into the streams and Great Lakes.

- > 11 a.m. Welcome and Chat with Media
- > 11:10 a.m. Award Presentation – Speaker Stanley Caveney, LTVCA Director
- > 11:20 a.m. Remarks from Enbridge – Speakers Suzanne Shea, John Brydges, Ian MacRobbie

The award will be shown off for one month at Enbridge, before being passed onto a local school that has also shown environmental leadership. The Greening Partnership Stewardship Award was initiated by the LTVCA in 2007. It was carved out of White Elm by chainsaw artist Robin Wenzowski of Highgate, Ontario. Annually the award is presented to 2 private landowners, a business and a school from Chatham-Kent.

For further information please contact:

Greg Van Every – LTVCA Environmental Project Coordinator
Greg.VanEvery@ltvca.ca
 Tel: 519-354-7310 Ext. 229
www.ltvca.ca



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Media Release
For Immediate Release
September 12, 2016



**"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. Hear the autumn calls of the blue jays, the crooning 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 Simco, and as nearby as Delaware and Mount Brydges. From JK, Secondary School, College, University and English as a Second Language classes, students enjoy the outdoor and museum studies at Longwoods. 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 cranberries at the marsh, or experience a Canadian forest - all programs are engaging, fun and directly linked to the Ontario Curriculum. Over 20 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 Program brochures online. Give us a call at 519-354-7310 or email us at info@ltvca.ca to book 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 150 acres of Carolinian forest, wetlands and native 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, wooden bridges and boardwalk systems. Two hundred year old heritage log cabins offer unique learning opportunities and enjoying the lunchtime. 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-Carleton, just 8.5 km west of Delaware (half hour west of London) or 10 km east of Hagersville (one hour east of Chatham) at 8346 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



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Revised Media Release
For Immediate Release
September 16, 2016

**"Celebrate the Harvest Season at Longwoods and Ska-Nah-Doht Village!"
Tastes of Fall at Ska-Nah-Doht**



Mount Brydges – The autumn season is just starting at Longwoods Road Conservation Area and Ska-Nah-Doht Village! Come out for "Tastes of Fall" and help us celebrate with music, food and crafts.

On Sunday, October 2nd, the activities start at 11 a.m. and the event runs until 4:00 p.m., rain or shine!

Admission is \$8/Adult, \$4/Youth, under 6 is free and the Family Rate is \$20.00.

Enjoy "Sisters of All Nations" a drum and song group. They met in an Indigenous music class at Western University and bonded through their love of singing. Now you can hear them share their culture and inspirations in the natural surroundings of Longwoods. Join host guitarists "CS and Sawdust" as they have generously offered to share the stage with you for our first ever "Open Jam" all afternoon.

Stop by the Resource Centre/Museum to view our newest exhibit "The Community Collection" which features family collections from community donors. Some of these items will be back in the vault soon, so it may be your only time to view these extraordinary gems of the museum's collection.

There is something for everyone so make it a family day! Watch the demonstrations of flint knapping with members of the Ontario Archaeological Society and their friends – the best knappers in North America. Follow the scarecrows on the annual scavenger hunt. Or drop by the craft stations to make your own art. Then take time to visit our local artisans and crafters who literally have something for everyone's tastes! Get in some early Christmas shopping.

It would not be Tastes of Fall without the taste! Don't forget to sample the corn soup and fry bread, an annual favourite! If you are really hungry the Mount Brydges Lions Club will be cooking up local favourites at the food booth with a portion of the proceeds supporting Longwoods and Ska-Nah-Doht Village. There are lots of picnic areas too. Enjoy the 155 acre park and leave the driving to us with a wagon ride to see the fall colours.

Longwoods Road Conservation Area and Ska-Nah-Doht Village are located 6.5 km west of Delaware at 8348 Longwoods Road, Mount Brydges. Just 30 minutes west of London, or 1 hour east of Chatham.

Please visit our website www.ltvca.ca
 For Further Information Contact:
 Lower Thames Valley Conservation Authority
 519-264-2420
info@ltvca.ca www.ltvca.ca



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

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Media Release
For Immediate Release – Sept 21, 2016

**"Local Water Festival will be a Splash for over 1800 Kids!"
8TH ANNUAL CHATHAM-KENT & LAMBTON
CHILDREN'S WATER FESTIVAL GEARING UP!**



Chatham, ON – 1800 local elementary students and over 350 volunteers will be part of a growing outdoor educational event being held at the CM Wilson Conservation Area in early October. The Chatham-Kent & Lambton Children's Water Festival educates children about water conservation, protection and related environmental issues through fun and interactive activities. The festival is geared to Grade four and five students. All activities are linked to the Ontario curriculum in ways that help students achieve the desired expectation in science and technology, social studies, environment, mathematics and physical education. The three-day festival will run October 4-6 and features over 40 hands-on activities. It is held each year at the CM Wilson Conservation Area just south of Chatham.

"This is a community wide, multi-partner initiative involving over 30 different partnership groups from across the Lambton and Chatham-Kent areas. They deliver this fun and educational event to a growing number of elementary students each year," according to Don Hector, the Festival Coordinator. "The Festival provides leadership opportunities to over 300 high school students who assist in the presentation of the water festival activities, including a French day instructed by local French students. It also provides an opportunity for the community to learn about and enjoy the long-term benefits of protecting our precious water resources." The festival activities portray a balanced mix of urban and rural scenarios around water and challenges students to think about their own actions and how they can bring these messages back to their homes and communities in which they live.

"This is a community wide, multi-partner initiative involving over 30 different partnership groups from across the Lambton and Chatham-Kent areas. They deliver this fun and educational event to a growing number of elementary students each year," according to Don Hector, the Festival Coordinator. "The Festival provides leadership opportunities to over 300 high school students who assist in the presentation of the water festival activities, including a French day instructed by local French students. It also provides an opportunity for the community to learn about and enjoy the long-term benefits of protecting our precious water resources." The festival activities portray a balanced mix of urban and rural scenarios around water and challenges students to think about their own actions and how they can bring these messages back to their homes and communities in which they live.

About Chatham-Kent & Lambton Children's Water Festival (CKLCWF)
 The CKLCWF runs through a Steering Committee comprised of several community partners including: The Chatham-Kent Public Utilities Commission, the Lower Thames Valley Conservation Authority, the Lambton-Kent District School Board, Conseil Scolaire Catholique Providence, the St. Clair District Catholic School Board, St. Clair Region Conservation Authority, Kent Federation of Agriculture, and the Chatham Kent 4H Club. This year a number of new partners are coming on board including CK Superkids, Global Voices and a Learn to Fish program led by the Ontario Ministry of Natural Resources and Forestry. The local Water Festival was established in 2006 and carried out the 1st festival in 2007. Almost 10,000 elementary students have attended the festival over the past 7 years. Water themed activities include topics on conservation, protection, science, technology and attitude. For more information visit www.ckwatfest.com or visit us on Facebook.

FOR INFORMATION CONTACT:
 Don Hector - Coordinator,
 Chatham-Kent & Lambton Children's Water Festival
 Ph. 226-881-2463 Email: ckwatfest@cmwilson.ca

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Media Release
For Immediate Release
September 28, 2016

"Fall Hours at Longwoods and Ska-Nah-Doht Village"
Lots to do at Longwoods Road Conservation Area!



Mount Brydges – "Step Into Nature" at Longwoods Road Conservation Area this fall! The Resource Centre and Ska-Nah-Doht Village will open 7 days a week from 9 a.m. till 4:30 p.m. until Thanksgiving Monday October 10. Gates remain open with picnic grounds and nature trails till sunset daily. Longwoods is a 155-acre conservation area owned and operated by the Lower Thames Valley Conservation Authority. After October 10, buildings will be open Monday – Friday from 9 a.m. until 4:30 p.m.. The perk grounds will be remain open 7 days per week from 9 a.m. until sunset.

Admissions:
Day use admission features a pay and display machine at our entrance. Purchase a ticket (coin or credit card only), then display it on your vehicle dashboard. Maximum daily entrance fees are \$12.00 per vehicle effective until October 11. Beginning October 11, day use admission will be \$4 per vehicle unless otherwise posted. Other fees apply for reserved facilities and pre-booked school and group programs, so please call us for details. Motor coach bus tours are welcomed!

Features:
Ska-Nah-Doht Village and Museum, is a recreated longhouse village of 1,000 years ago. Find your way through the palisade maze, explore a longhouse and take time to think about the life of the Haudenosaunee people. A museum displays archaeological artifacts from our collection in the Resource Centre, along with nature exhibits and hands-on activities for everyone! Audio-visual presentations are shown in the theatres. Visit the Turtle Trail Gift Shop with authentic, one of a kind local native crafts and stained glass.

Five nature trails and bridges, two of which are wheelchair accessible, wind through Carolinian woodlands and ravines. Don't miss the Carey Carolinian Arboretum and Trail and Native Gardens! Enjoy the fall colours and birds as you stroll the woodlands, meadows and wetlands of Longwoods.

Bring a picnic lunch and stay for the whole day! There are lots of picnic tables and a pavilion with a barbecue are rented for family reunions and special get-togethers. Boy Scouts and Girl Guides can book their campouts at one of three large group camping grounds. Our staff are available to teach popular badge workshops!

Plan a daytrip and come visit us soon! Call (519) 264-2429 to reserve your group's activity! We are located a half hour west of London (6.5 km west of Delaware) and an hour east of Chatham at 8348 Longwoods Road (Middlesex County Road 2) Mount Brydges. For conservation area directions, fees and facilities please visit our website www.ltvca.ca and click on the Conservation Areas tab.

For Further Information Contact:
Lower Thames Valley Conservation Authority
info@ltvca.ca www.ltvca.ca



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

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Media Release
For Immediate Release – Sept. 30, 2016

"Union Gas Supports C.M. Wilson Conservation Area!"
\$2,000 Donation to Water Festival and Pond Trail Development



Chatham, ON – Union Gas will present a donation of \$2,000 to the Lower Thames Valley Conservation Authority (LTVCA) at noon on October 5 at the C.M. Wilson Conservation Area - this as part of the special Water Festival Awareness Day recognizing Festival community partners and volunteers.

A portion of the donation will support the 8th Annual Chatham-Kent & Lambton Children's Water Festival which runs from October 4-6. The Festival attracts 1800 local elementary students and over 350 volunteers to this growing outdoor educational event which educates children about water conservation, protection and related environmental issues through fun and interactive activities. "This is a community wide, multi-partner initiative involving over 30 different partnership groups from across the Lambton and Chatham-Kent areas. They deliver this fun and educational event to a growing number of elementary students each year," according to Don Hector, the Festival Coordinator.

The shoreline at the CM Wilson CA pond will be naturalized with the remaining funds. "Plans are in the works to remove the existing wooden bridge, and create a natural earthen berm that will better suit the needs of our day use visitors and campers while at the same time provide an improvement for aquatic life in and around the pond itself," says Randall Van Wagner, Manager of Conservation Lands and Services with the LTVCA.

"We care about the environment and that value is reflected in our company culture, whether we are building a pipeline or erecting a new energy-efficient office building," said Sean Collier, district manager for Windsor/Chatham, Union Gas. "That's why we support important educational programs in the communities we serve, such as the Chatham-Kent & Lambton Children's Water Festival, which is helping our children learn about the importance of the conservation and protection of our water."

FOR INFORMATION CONTACT:
Don Hector - Coordinator,
Chatham-Kent & Lambton Children's Water Festival
Ph: 226-881-2403 Email: skwaterfestival@gmail.com

Or

Randall Van Wagner – Manager of Conservation Lands and Services
Lower Thames Valley Conservation Authority
Ph: 519-354-7310 Email: Randall.VanWagner@ltvca.ca

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- **Displays and Exhibits** are created to update programs and information for the public. Twelve Interpretive trail signs for the trails at Longwoods are being installed in the fall. Funded through a TD Friends of the Environment Grant in 2015, the signs will be installed before winter sets in with the help of the Thames Valley Trail Association and other local volunteers.

As well, the LTVCA and the Kettle Creek Conservation Authority attended the Elgin County Plowing Match with an Elgin County Clean Water Project exhibit on September 10th. A rainfall simulator model demonstrated the importance of cover crops to control runoff.





*Elgin County Plowing Match September 10th
with Kettle Creek Conservation Authority*

- **Paid Advertisements** are taken out in the local tourist guides for Chatham-Kent, Middlesex and Elgin for C.M. Wilson and Longwoods Road Conservation Area for 2016. Staff also take out advertisements in the local print media to inform the public about workshops and seminars.
- **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 attend Source Protection Committee meetings as needed. Staff participate on planning committees which meet regularly for the Children's Water Festival – Chatham-Kent and Lambton and the Communications Subcommittee for the Thames River Clearwater Revival.
- **The LTVCA's website and social media (YouTube, Twitter and Facebook)** are updated daily with current/relevant Conservation Authority information and events. The website address is www.ltvca.ca. We encourage you to check in with us daily and share with your friends! Updates highlighting LTVCA projects, events and current conservation activities relating to the watershed are posted. Photos and video clips of programs and projects are taken regularly.
- **Lower Thames Valley Conservation Foundation** Directors meeting was September 20th, 2016. Three memorial forest dedication services were held in September.



McKinlay Memorial Forest Dedication Service - Sept. 11 at C.M. Wilson Conservation Area. Thanks to Don for bringing greetings.



Badder Memorial Forest Dedication Service - Sept. 18 at Mosa Forest (Skunk's Misery). Grant Jones brought greetings at this event.



lifestyles • community groups



Memorial Tree planting

The memory of four people who've passed away over the last year were immortalized on Sunday during the 13th annual Memorial Tree Dedication Service at Tilbury Northside Park.

Family members of those people who've passed away were in attendance and helped plant the tree, which was dedicated to the following people: Louis Duquette Sr., Agatha Regnier Duquette, Jim Henderson and Leo Joseph Robert.

The tree that was planted is a sycamore, one of the largest hardwood trees, which can grow to massive proportions, typically reaching up to 100 feet high with spreading limbs to make a wide crown.

Tilbury Northside Park Memorial Forest Dedication Service - Sept.25 in Tilbury. Thanks to Dan McKillop who brought greetings at the event.

- **Events in conservation areas:**

- Tastes of Fall At Ska-Nah-Doht – October 2 at Longwoods Road Conservation Area



We had a great day at Tastes of Fall on Sunday, October 2nd in spite of the rain. Sisters of All Nations sang and drummed on the ravine bridge and we enjoyed the sounds from the trestle bridge. An incredible experience! Thank you SOAN for sharing with us. Thanks to the volunteers and visitors for your support!

- **Publications:** Community Relations staff assist Conservation Authority staff with publications as needed. The GLASI brochure is currently being revised. Our Education fliers are hot off the press ready for the ‘back to school crowd’! Publications are posted on our website for downloading.

CONSERVATION EDUCATION

Learn about the environment through hands-on outdoor activities! The Lower Thames Valley Conservation Authority offers a variety of activity-based field trips which relate directly to the Ontario Curriculum. Teacher Information Packages and our Website provide Curriculum Links!

FIELD TRIPS

Explore the forests, meadows and wetlands at one of our beautiful conservation areas. Field trip program length can adjust to your bus schedule - up to 2 hours each.

Programs are offered at Longwoods Road Conservation Area (8348 Longwoods Road, Mount Brydges) throughout the school year.

* Aquatic Ecosystems is the only program offered at C.M. Wilson Conservation Area (21799 Fargo Road, Blenheim) during the months of October, 2016 and May, 2017

STAY FOR THE DAY!

Book two different Conservation Field Trips
or
Book a tour of Ska-Nah-Doht Village at Longwoods Road Conservation Area
or
Arrange your own activities for part of the day.

Please bring a "litterless lunch" (pack in reusable containers to take home). Teachers are responsible for the removal of their class garbage from the Conservation Area.

Outdoor lunch facilities are available at both Longwoods Road and C.M. Wilson Conservation Areas.

Students Connect with Curriculum Outside!

Like us on facebook!

BOOKINGS
To book a field trip
Call 519-264-2420
Monday to Friday, 9:00 a.m. to 4:30 p.m.

Programs can be booked for one or two classes at a time. One instructor per class (group) is provided.

DEPOSIT / CANCELLATION POLICY

A deposit equal to the minimum fee per class (group) for Longwoods programs or the Flat Rate fee per class (group) for C.M. Wilson programs is required at the time of booking. This deposit is **NON-REFUNDABLE** without 3 weeks cancellation notice. Cancellations due to inclement weather will not be penalized.

PROGRAM FEES

Longwoods Road Conservation Area

Half Day (1 program) - \$7.00 per student (Minimum fee \$105.00 per class)
Full Day (2 programs) - \$14.00 per student (Minimum fee \$210.00 per class)

C.M. Wilson Conservation Area

Half Day (1 program)
Flat rate \$190.00 per class

Teachers, Education Assistants and Chaperones are admitted free.

Most facilities at our Conservation Areas are wheelchair accessible. Please let us know of your student's special needs in advance.

LOWER THAMES VALLEY CONSERVATION AUTHORITY

Secondary Field Trip Programs 2016-17

Longwoods Road or C.M. Wilson Conservation Area

www.ltvca.ca

FIELD TRIPS

ACID RAIN

(fall, spring)

Curriculum Links
Geography (Grade 9, 11)

Grade 9: Human-Env. Interactions
Global Connections: Understanding and Managing Change
Grade 11: Human-Env. Interactions, Global Connections
Chemistry (Grade 10, 11, 12)
Grade 10: Scientific Investigation Skills, Chemical Reactions
Grade 11: Scientific Investigation Skills, Chemical Reactions, Solutions and Solubility, Gases and Mixtures, Chemistry
Grade 12: Scientific Investigation Skills, Organic Chemistry, Matter and Qualitative Analysis, Chemistry in the Environment
Biology (Grade 9, 11, 12)
Grade 9: Sustainable Ecosystems and Human Activity - Relating Science to Technology, Society, and the Env., Developing Skills of Investigation and Communication, Understanding Basic Concepts
Grade 11: Scientific Investigation Skills, Plants in the Natural Env.
Grade 12: Population Dynamics
Environmental Science (Grade 11) - Scientific Investigation Skills, Human Impact on the Environment, Human Health and the Environment, Natural Resource Science and Management
Physical Geography (Grade 11) - Human-Environment Interactions, Global Connections, Methods of Geographic Inquiry
The Environment and Resource Management (Grade 12) - Geographic Foundations, Human-Env. Interactions, Global Connections, Understanding and Managing Change, Methods of Inquiry and Communication

At Longwoods Road, students will collect and analyse soil and water samples by performing chemical tests for pH. Results will help determine how acid rain affects ecosystems. Time permitting, students will tour an acid rain testing facility monitored by Environment Canada.

ORIENTEERING

(fall, winter, spring)

Curriculum Links
Geography of Canada (Grade 9)

Health and Physical Education (Grades 9-12)
-Geographic Foundations: Space and Systems
-Methods of Geographic Inquiry
Geomatics: Geotechnologies in Action (Grade 12)
-Geographic Foundations: Space and Systems
-Methods of Geographic Inquiry
Geography: The Geographical Toolkit (Grade 11)
-Geographic Foundations: Space and Systems - Methods of Geographic Inquiry

Students will become familiar with the parts of a compass and the sport of orienteering. After completing a short practice course using a set of bearings and compasses, students will determine the bearings of their own route to control points in the conservation area.

GPS TRAIL GUIDE

(fall, winter, spring)

Curriculum Links
Health and Physical Education (Grade 9)

Health and Physical Education (Grade 9)
Health and Physical Education (Grade 11, 12)
Geography of Canada (Grade 9) - Methods of Geographic Inquiry
Geomatics: Geotechnologies in Action (Grade 12)
Physical Geography (Grade 11) - Methods of Geographic Inquiry
Geomatics: Geotechnologies in Action (Grade 12)
Geographic Foundations: Space and Systems
Human-Environment Interactions
-Global Connections - Methods of Geographic Inquiry
Travel and Tourism (Grade 11) - Methods of Geographic Inquiry
World Geography (Grade 12) - Methods of Geographic Inquiry
The Environment and Resource Management (Grade 12) - Geographic Foundations: Space and Systems
-Methods of Geographic Inquiry and Communication
Geography (Grade 12) - Geographic Foundations: Space and Systems, Human-Environment Interactions, Methods of Geographic Inquiry and Communication

Students will use GPS and UTM grid map waypoint coordinates at Longwoods Road Conservation Area to create a trail map of the Carey Carolinian Arboretum & Trail. Trail signage and Carolinian ecosystem features can be utilized by students to create an informative trail guide of their own design.

FOREST COMMUNITIES

(fall, spring)

Curriculum Links
Geography of Canada (Grade 9)

Geography of Canada (Grade 9 Academic) - Human-Environment Interactions, Understanding and Managing Change
Science (Grade 9 and 11) - Scientific Investigation Skills (Gr. 9, 11)
Biology: Sustainable Ecosystems (Grade 9 Academic and Applied) (Gr. 11 Academic and Applied)
Biology (Grade 11 University and College Preparation)
-Diversity of Living Things, Plants: Anatomy, Growth and Functions, Microscopy, Parts and the Natural Environment
Biology (Grade 12 University Preparation)
-Scientific Investigation Skills, Population Dynamics
Environmental Science (Grade 11)
-Human Impact on the Environment, Natural Resource Science and Management, Sustainable Agriculture and Forestry
Physical Geography (Grade 11)
-Human-Environment Interactions
The Environment and Resource Management (Grade 12 University College and Workforce Preparation)
-Geographic Foundations, Human-Environment Interactions, Understanding and Managing Change, Methods of Geographic Inquiry and Communication

Students will collect data to compare a plantation to a natural forest ecosystem. Biodiversity and productivity are determined within these two sites using quadrant based plot sampling. Forest layers, succession and the effect of humans on forests will also be examined.

*AQUATIC ECOSYSTEMS

(fall, spring)

Curriculum Links
Geography of Canada (Grade 9) - Geographic Foundations, Human-Environment Interactions, Understanding and Managing Change, Methods of Geographic Inquiry and Communication

Science (Grade 9 and 10) - Scientific Investigation Skills (Gr. 9 and 10)
Biology (Gr. 9 Academic and Applied), Chemistry (Gr. 9 and 10 Academic and Applied)
Biology (Grade 11 and 12)
Grade 11: Scientific Investigation Skills, Diversity of Living Things, Evolution, Plants: Anatomy, Growth and Function, Plants in the Natural Environment
Grade 12: Scientific Investigation Skills, Metabolic Processes, Population Dynamics
Chemistry (Grade 11 and 12)
Grade 11: Scientific Investigation Skills, Matter, Chemical Trends and General Bonding, Chemical Reactions, Solutions and Solubility
Grade 12: Scientific Investigation Skills, Metabolic Processes, Scientific Investigation Skills, Scientific Skills to Contemporary Environmental Challenges, Human Health and the Environment, Reducing and Managing Waste, Human Impact on the Environment
Physical Geography (Grade 11 University/College Preparation)
-Geographic Foundations, Human-Environment Interactions, Methods of Geographic Inquiry
The Environment and Resource Management (Grade 12 University College and Workforce Preparation) - Geographic Foundations, Human-Environment Interactions, Understanding and Managing Change



After a presentation conveying the characteristics and benefits of wetlands, the flora and fauna of aquatic ecosystems will be surveyed and recorded. Water samples will be collected and chemical analyses will be made. Students will envision how the water chemistry affects the biota and biodiversity present and can then reflect on the impact humans have on wetland ecosystems.

PREDATOR-PREY GAME

(fall, winter, spring)

Curriculum Links
Health and Physical Education (Grades 9-12)

Health and Physical Education (Grades 9-12)
Physical Activity: Active Living (All Grades)
Biology (Grade 9, 11 and 12)
Grade 9: (Academic and Applied)
Grade 11: Diversity of Living Things, Microbiology, Plants in the Natural Environment
Grade 12: Metabolic Processes, Population Dynamics
Geography (Grade 9 Academic) - Human-Environment Interactions
Physical Geography (Grade 11)
-Geographic Foundations: Space and Systems
Environmental Science (Grade 11 University/College and Workforce Preparation) - Scientific Investigation Skills, Human Impact on the Environment, Natural Resource Science and Management
The Environment and Resource Management (Grade 12 University College and Workforce Preparation) - Geographic Foundations, Human-Environment Interactions

Students will play the roles of animals, elements and disease in this simulated game of survival. In order to survive, students must use avoidance skills and camouflage techniques while finding sufficient food and water. Interrelationships, adaptations and the human impact on wildlife populations will be discussed.



SNOWSHOEING

(winter)

Curriculum Links
Health and Physical Education (Grade 9-12)

Health and Physical Education (Grade 9-12)
Physical Activity: Active Living (All Grades)

At Longwoods Road, students will learn how snowshoes are used and maintained. During the snowshoe hike students will discover how animals survive the winter and some wildlife signs including animal tracks. A snowshoe rental fee of \$2 per participant will be charged in addition to the program fee.

Programs are supported by:

Lower Thames Valley Conservation Foundation
Member Municipalities of the
Lower Thames Valley Conservation Authority

Classroom Programs:

Bring hands-on conservation programs into your classroom. Classroom programs are 60-75 minutes long (minimum 2 programs or half day).

BIODIVERSITY
Curriculum links: Heritage and Citizenship & Life systems, Ge. 4, Geography Gr. 7
What is biodiversity? Experience the value of having a variety of lifetimes, and how losing them impacts the environment and us. Discover ways we can help our native plants and animals!

SOIL ECOLOGY
Curriculum links: Earth & Space systems, Ge. 2, 4
Soil isn't just dirt! Conduct experiments about erosion, layers of soil, and the different types of soil. (Note: This program must be set up outdoors.)

PROTECTING OUR DRINKING WATER
Curriculum links: Life systems, Gr. 8
Where does the water we use come from? How is the water supply affected by us? How can we protect our waters for ourselves and for other lifetimes?

ECO-ACTIVITIES
Curriculum links: Life systems, Ge. 4, 7
Let's play games! Learn about food chains, cycles, adaptations and endangered species. (Note: must be played in the school yard or gymnasium.)

BIRDS THROUGH THE SEASONS
Curriculum links: Life systems, Gr. 1, 3, 4
Why do birds sing? Learn about bird behaviour, bird identification and what birds eat. At activity stations, examine bird wings, beaks, feet and nests.

AQUATIC SPECIES AT RISK
Curriculum links: Life systems, Ge. 4, 7
Learn about local muskies, fish, and reptiles at risk of becoming extinct. Discover the importance of biodiversity. Look through "marsh muck".

PROGRAM FEES

Field Trips:

Longwoods Road Conservation Area
Half Day (1 program)
\$7.00/student (Minimum Fee: \$105.00/class)
Full Day (2 programs)
\$14.00/student (Minimum Fee: \$210.00/class)

Teachers and Education Assistants are admitted free. All chaperones are admitted free.

C.M. Wilson Conservation Area

Half Day (1 program)
Flat rate \$190.00/class
Full Day (2 programs)
Flat rate \$315.00/class

Teachers and Education Assistants are admitted free. All chaperones are admitted free.

Classroom Programs:

(If tied to schools within the Lower Thames watershed. Call for details.)
Classroom Programs must be booked for half day (2 programs) or a full day (4 programs). Fee per class (one instructor):
Half Day - \$190.00 (+ travel expenses)
Full Day - \$315.00 (+ travel expenses)

Travel Expenses (from Longwoods)
0-30 minutes away = \$60.00
31-60 minutes away = \$120.00
61-90 minutes away = \$200

BOOKINGS

Call 519-264-2420
Monday to Friday 9:00 a.m. to 4:30 p.m.

Bookings must be made by phone. A confirmation letter and teacher's booklet will be sent prior to your trip.
Programs can be booked for one or two classes at a time. One instructor per class is provided.

STAY FOR THE DAY!

1. Book two different Conservation Field Trips.
2. Arrange your own activities for part of the day.
3. At Longwoods Road Conservation Area, book a tour of Ská-Nah-Doh Village.

CANCELLATION POLICY

Three weeks notice must be received to cancel any booked school program. Otherwise, an invoice for the Minimum Fee for your trip will be sent to the school. Cancellations due to inclement weather will not be penalized.

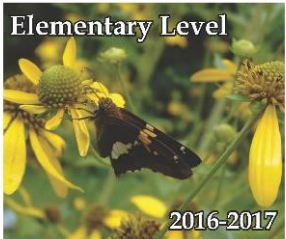
Please bring a "litterless lunch" (pack in reusable containers to take home). Teachers are responsible for the removal of their class garbage from the Conservation Area.

Outdoor lunch facilities are available at both Longwoods Road and C.M. Wilson Conservation Areas.

Programs are supported by:

Member Municipalities of the
Lower Thames Valley Conservation Authority
Lower Thames Valley Conservation Foundation

Lower Thames Valley
Conservation Authority
Field Trips &
Classroom Programs



2016-2017
Longwoods Road Conservation Area
and
C.M. Wilson Conservation Area

The Lower Thames Valley Conservation Authority offers a variety of year round, activity-based field trips and classroom conservation programs. All programs relate directly to the Ontario Curriculum. Relevant curriculum links are listed in the program descriptions and on our website.

Lower Thames
Conservation

Like us on facebook! f
www.ltvca.ca

CONSERVATION EDUCATION



*Outdoor learning experiences!
Curriculum based, hands-on
environmental discoveries!*

FIELD TRIP LOCATIONS

Longwoods Road Conservation Area
(8348 Longwoods Road, Mount Brydges) Programs are offered throughout the school year, and ALL field trip programs listed are available at Longwoods Road.

C.M. Wilson Conservation Area
(21799 Fargo Road, Blenheim) A variety of field trips are offered during the following months:
October, 2016
May and June, 2017
** denotes FIELD TRIPS that are available at C.M. WILSON CONSERVATION AREA*

DURATION OF FIELD TRIPS

Times are based on the average length of one program.
Grades JK & SK: 1.5 hours
Grades 1-3: 1.5 - 2 hours
Grades 4 & up: 2 hours



Most facilities at our Conservation Areas are wheelchair accessible. Please inform us in advance of your student's special needs.

FIELD TRIPS - Primary Level

SENSATIONAL SEASONS (fall, spring)

Curriculum links: Science & Technology, JK/SK, Gr. 1
Discover the sights, sounds and textures of nature! Learn how animals and plants adapt to the changing seasons through hands-on games and activities.

FUR AND FEATHERS (fall, WINTER, spring)

Curriculum links: Life systems, Gr. 1, 2
Earth & Space systems, Gr. 1
Go wild for animals! Discover animals and their homes. Compare animal characteristics, life cycles and behaviours. Find out how people can help animals!

PETALS, LEAVES & SEEDS (fall, spring)

Curriculum links: Life systems, Gr. 1, 3
Earth & Space systems, Gr. 1
Who needs plants? We all do! Learn how trees and flowers grow and change through the seasons. Go on a wildflower hike or seed search.

* WINGED WONDERS (fall, WINTER, spring)

Curriculum links: Life systems, Gr. 1, 2
Life is for the birds! Examine bird wings, feet, nests and beaks up-close. Find out about migration and seasonal behaviours. Feed birds at the bird feeders and go on a bird-watching hike!

* WETLANDS I (fall, spring)

Curriculum links: Life systems, Gr. 1, 2
Spot frogs and turtles! Learn how wetland creatures are adapted to life in and around the water. Use dip nets to search for tadpoles, fish and aquatic insects at the marsh. Compare the way these creatures live to the way we do.

INCREDIBLE INSECTS I (fall, spring)

Curriculum links: Life systems, Gr. 1, 2
Explore the world of bugs! Use equipment like sweep nets to look for insects in different types of habitats. Learn how to identify insects and how their body works.

WHAT'S LEFT BEHIND! (all seasons)

Curriculum links: Life Systems, Gr. 1, 2
Animals leave us many signs that tell us what they are doing and eating! Come along on a discovery trip that will encourage students to see, feel and compare differences in animals and how they live in their environment!

FIELD TRIPS - Junior/Intermediate Level

RAPTORS! (all seasons)

Curriculum links: Life Systems, Gr. 3, 4, 5, 6, 7, 8
Discover the world of Hawks and Owls! Predatory adaptations, habits, and habitats are revealed! Use your "detective" skills to determine what an owl eats. Play the Great Horned Owl Game to reinforce predator/prey relationships OR take a guided tour to discover raptor/prey habits and habitat.

ICE AGE! (all seasons)

Curriculum links: Life Systems, Gr. 3, 4, 6, 7
Social Studies: Gr. 3, 5, 6 *Geography Gr. 7, 8*
Journey back in time to discover glaciers, climate, vegetation, habitats and peoples during this "cool" time period. View the giants that roamed our land and hunt using atlatls and darts.

SOIL ECOLOGY (fall, spring)

Curriculum links: Earth & Space systems, Gr. 3, 4
Soil isn't just dirt! Dig deep to discover the role of soil in the cycle of life. Look for decomposers and other soil dwellers. Conduct experiments about erosion and investigate the permeability of different types of soil.

ORIENTEERING (fall, WINTER, spring)

Curriculum links: Canada & World Connections, Gr. 3, 4
Health and Physical Education, Gr. 4-8
Orient yourself! Learn how to use a compass and map, then set out on the course! Find your way to "control points" throughout the park. (Students should have experience with maps).

* WETLANDS II (fall, spring)

Curriculum Links: Life systems, Gr. 4, 6, 7
Discover the different types of wetlands and their importance to humans and the environment. Become a strand in a food web and an integral part of the ecosystem! Use dip nets to search for aquatic creatures and discover how they live!

TELL-TALE TRACKS (fall, WINTER, spring)

Curriculum Links: Life Systems, Gr. 3, 4, 5, 6, 7, 8
Discover the diversity of Ontario animals and the signs they leave us! Use your new detective abilities to reveal wildlife signs and habits during an outdoor habitat/ecosystem hike!

PREDATOR-PREY GAME (fall, WINTER, spring)

Curriculum Links: Life Systems, Gr. 4, 8
Health and Physical Education, Gr. 4-8
Will you survive? Students play the roles of herbivores, carnivores and environmental elements in a simulated game of survival. Use your instincts to find food and escape from your enemies! What strategy/adaptation will keep you alive?

INCREDIBLE INSECTS II (fall, spring)

Curriculum links: Life systems, Gr. 4, 6, 7
Search for insects using dip nets and sweep nets. Explore three distinct habitats - forest, pond and field. Learn about insect identification, camouflage and the adaptations of different types of insects to their environment.

* ECO-ACTIVITIES (fall, WINTER, spring)

Curriculum links: Life systems, Gr. 4, 6, 7
Let's play games! Learn about camouflage, cycles, food chains, species at risk, predator-prey relationships and animal behaviours.

FOREST ECOLOGY (fall, spring)

Curriculum links: Life systems, Gr. 4, 7
Can't see the forest for the trees? Find out how trees fit into the ecosystem. Discover the importance of trees. Count tree rings and learn to identify common trees.

HABITATS & COMMUNITIES (fall, spring)

Curriculum links: Life systems, Gr. 4, 7
Habitat 'Sweet Habitat' Discover the basic needs of living things and find out why some animals and plants become endangered. Form a food chain and search for animal homes. Forest, field and wetland habitats await you!

SPECIAL WINTER PROGRAMS

WINTER WOODLAND WALK Gr. K-3

Curriculum Links: Life systems, Gr. 1, 2
Earth Systems, Gr. 1
Wonderful Winter! Discover how plants and animals adapt to the cold weather. Look for signs of wildlife. Enjoy some hot chocolate after your hike (additional cost).

SNOWSHOEING Grade 3 and up

Curriculum Links: Physical Education, Gr. 3-8
Life Systems, Gr. 4, 6, 7
Are you up to the challenge? Learn how snowshoes are used and maintained, then go on a snowshoe hike! Play games and explore winter habitats while on snowshoes. A snowshoe rental fee of \$2 per participant will be charged in addition to the program fee.

FREQUENTLY ASKED QUESTIONS

What Should We Wear?

Most of the tour is outside, so dress appropriately by bringing hats, coats, umbrellas, boots/running shoes, sunscreen and/or insect repellent.

What About Lunch?

Be environmentally friendly... Bring a litterless lunch. Schools are responsible for the removal of their own litter from Longwoods. Picnic areas available. There are no food sales on site. Cold drinks are available.

Can We Shop?

Souvenirs can be purchased at the Resource Centre. Prices range from \$0.25 to \$30.00.

Why Not Get Two Curriculum Strands in One Great Place

Fill up the Bus! Book a Ska-Nah-Doht program AND a Conservation Education program for a Full Day (\$11.00 per student) OR bring 2 different Grades for a Half Day (\$6.00 per student). Call for details.

Go to our website for Conservation Ed. Programs:
www.ltvca.ca/publications.html

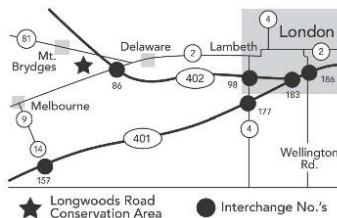


DIRECTIONS

How Do We Get There?

Ska-Nah-Doht Village and Museum is located in Longwoods Road Conservation Area, at 8348 Longwoods Road Mount Brydges, ON (6.5km west of Delaware or 10km east of Melbourne).

- **London & Toronto** follow Hwy. 401 west, exit onto Hwy. 402 and take exit 86. Follow signs.
- **Chatham & Windsor** follow Hwy. 401 east and take exit 157, north to County Rd. 2 and turn east. Follow signs.
- **Sarnia & Port Huron** follow Hwy. 402 and take exit 86. Follow signs.



For Further Information Contact Us:

Phone: 519-264-2420 E-mail: info@ltvca.ca
Fax: 519-264-1562 Web: www.ltvca.ca

Like us on Facebook!

Ska-Nah-Doht is owned and operated by the Lower Thames Valley Conservation Authority Celebrating over 50 years of Conservation!



Thanks to the Ministry of Culture for their Financial Support, the Lower Thames Valley Conservation Foundation and to the Member Municipalities of the Lower Thames Valley Conservation Authority.

Native Studies at

SKA-NAH-DOHT

Village and Museum



Curriculum Based Programs For Secondary School Level/ESL 2015 - 2016



Located in Longwoods
Road Conservation Area
8348 Longwoods Road
Mount Brydges, Ontario

Ska-Nah-Doht Village and Museum offers programming to complement the Native Studies components of the Ontario Curriculum:

- Native Studies**, Grades 9 – 12
- Geography**, Grades 9 – 12
- History**, Grades 10 – 12
- Economics**, Grade 11 – 12
- Health and Physical Education**, Grades 11 – 12
- The Arts**, Grades 9 – 12
- Law**, Grades 11 – 12

Program Options

- Half Day (1.5 - 2 hours)**
Choose any ONE program #1 to #7
- Full Day (4 - 5 hours)**
Choose any TWO programs

Programs

1. The Ska-Nah-Doht Experience

Learn about Native communities 1,000 years ago. Discover life prior to contact with Europeans - traditional longhouses, economies and spirituality. Gain an understanding of Aboriginal identity, the link to the environment. Learn aspects of traditional and contemporary relationships, among themselves, to their communities and nations, to Canada. Also, current issues and contributions of Native peoples to the present. This is the only program that includes a visit to Ska-Nah-Doht Village!
Excellent introduction for new Canadians!

2. Traditional Pottery

Learn about traditional Late Woodland pottery. Each student shapes and decorates their own clay pot by hand, using traditional methods. Learn how the elements of culture are reflected in various art forms and how art forms reflect cultural identity. Students take their pots which can be painted later.

3. Builder, Gatherer, Medicine Walk (Spring, Fall)

Nature's supermarket! A guided walk into the woods to identify plants, trees and flowers still used as medicine, survival food and for building. Learn the ways in which traditional ecological including concepts of place, wilderness, and boundaries, influences how they interact with the environment; how the environment influences the health of the community.

4. Hunting Challenge

Students play the roles of hunters and their prey. Learn the value of animals, food, clothing and tools. Will your strategy help you survive or will nature change the outcome?

5. Trade Routes (Weather Permitting)

This team building exercise challenges small groups of students to work together to make their village succeed. A trading strategy is the key to survival!

6. Tool Making

This team building exercise challenges students to work together to survive. Pick your leaders, assign tasks and make the tools you need. Trading is the key to success.

Curator's Note: #4, #5 & #6 students will begin to understand the traditional economic systems of the First Nation, allowing them to further analyse the economic and social/cultural impact of resource development on traditional lands (e.g., logging, commercial fishing, pipeline construction or mining and gaming in Ontario).

7. Snowshoeing

(December, January, February & March)

Go for a guided hike using traditional wood and rawhide snowshoes. A physical activity that encouraged lifelong participation and analyse the relationship of society and culture to sports and physical activity.

BOOKING & COST

Call 519-264-2420
Monday-Friday, 9:00 a.m. to 4:30 p.m.
Bookings must be made by phone. A confirmation letter and information will be sent prior to your trip.

Cancellation Policy

Three weeks' notice must be received to cancel any booked program. Otherwise, an invoice for 50% of the total cost of your trip will be sent to the school. Cancellations due to inclement weather will not be penalized.

How Many Classes Can We Bring?

Your school may book one or two (maximum) classes at a time. One instructor per class is provided.

What Is The Cost Of A Half Day?

- One Program (1.5 - 2 hours)**
- \$6.00 per student
- Minimum fee: \$90.00 if less than 15 participants
- Teachers and Educational Assistants are admitted free
- All other chaperones pay the same as the students, \$6.00 each.

What Is The Cost Of A Full Day?

- Two Programs (4-5 hours, includes lunch break)**
- \$11.00 per student
- Minimum fee: \$165 if less than 15 participants
- Teachers and Educational Assistants are admitted free
- All other chaperones pay the same as the students, \$11.00 each.



FREQUENTLY ASKED QUESTIONS

What Should We Wear?

Most of the tour is outside, so dress appropriately by bringing hats, coats, umbrellas, boots/running shoes, sunscreen and/or insect repellent.

What About Lunch?

Be environmentally friendly... Bring a litterless lunch. Schools are responsible for the removal of their own litter from Longwoods. Picnic areas available. There are no food sales on site. Cold drinks are available.

Can We Shop?

Souvenirs can be purchased at the Resource Centre. Prices range from \$0.25 to \$30.00.

Why Not Get Two Curriculum Strands In One Great Place

Fill up the Bus: Book a Ska-Nah-Doht program AND a Conservation Education program for a Full Day (\$11.00 per student) OR bring 2 different: Grades for a Half Day (\$6.00 per student). Call for details.

Go to our website for Conservation Ed. Programs: www.ltcca.ca/publications.html

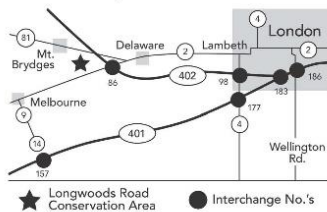


DIRECTIONS

How Do We Get There?

Ska-Nah-Doht Village and Museum is located in Longwoods Road Conservation Area, at 8348 Longwoods Road Mount Brydges, ON (6.6km west of Delaware or 10km east of Melbourne).

- **London & Toronto** follow Hwy. 401 west, exit onto Hwy. 402 and take exit 86. Follow signs.
- **Chatham & Windsor** follow Hwy. 401 east and take exit 157, north to County Rd. 2 and turn east. Follow signs.
- **Sarnia & Port Huron** follow Hwy. 402 and take exit 86. Follow signs.



For Further Information Contact Us:

Phone: 519-264-2420 Email: info@ltcca.ca
Fax: 519-264-1362 Web: www.ltcca.ca

Like us on Facebook!

Ska-Nah-Doht is owned and operated by the Lower Thames Valley Conservation Authority Celebrating over 50 years of Conservation!



Thanks to the Ministry of Culture for their Financial Support, the Lower Thames Valley Conservation Foundation and to the Member Municipalities of the Lower Thames Valley Conservation Authority.

Native Studies at

SKA-NAH-DOHT

Village and Museum



Curriculum Based Programs For Elementary School Level 2015 - 2016



Located in Longwoods Road Conservation Area
8348 Longwoods Road
Mount Brydges, Ontario

PROGRAM INFORMATION

What Are My Curriculum Links?

Ska-Nah-Doht Village and Museum offers programming to compliment the Native Studies components of the Ontario Curriculum:

Heritage and Citizenship, Grades 1 to 6

History and Geography, Grades 7 and 8

Program Options

Half Day (1.5 - 2 hours)

Choose any ONE program #1 to #7

Full Day (4 - 5 hours)

Choose any TWO programs

Programs

1. The Ska-Nah-Doht Experience (All Grades)

The most popular program! Learn about Native communities 1,000 years ago. Discuss contributions of Native peoples to the present. At the Hands-on Activity Room challenge classmates to games of hand/eye coordination. Try puzzles, clothes and learn about the animals they relied on. While in the village; sit in a longhouse, role play and choose village leaders. Try to use a mortar and pestle, climb a lookout.

This is the only program that includes a visit to Ska-Nah-Doht Village!

2. Traditional Pottery (All Grades)

Each student shapes and decorates their own clay pots by hand using traditional methods. Students may take home their pot. Back at school, teachers may have the class paint their pots as an art project!

3. Tool Making (All Grades)

This team building exercise challenges students to work together to survive. Pick your leaders, assign tasks and make the tools you need. Trading is the key to success.

4. Builder, Gatherer, Medicine Walk (Spring & Fall, All Grades)

A guided walk through the woods to identify plants, trees and flowers used by First Nations for medicine, food and as building material. No picking! No recipro!

5. Hunting Challenge (Grade 5 & Up)

Students play the roles of hunters and their prey. Learn the value of animals for food, clothing and tools. Will your strategy help you survive or will nature change the outcome?

6. Trade Routes (Weather Permitting, Grade 5 & Up)

This team building exercise challenges small groups of students to work together to make their village succeed. A trading strategy will be the key to survival!

7. Snowshoeing (December, January, February & March, Grade 3 & Up)

Go for a guided hike using traditional wood and reindeer snowshoes. Learn why First Nations invented the snowshoe, track animals and play games. It's good snowy fun!

NEW! Traditional Games (All Grades)

Play a variety of games to develop strength, endurance, and mathematical skills. Included FREE with all programs if time permits.



BOOKING & COST

Call 519-264-2420

Monday-Friday, 9:00 a.m. to 4:30 p.m.

Bookings must be made by phone. A confirmation letter and information will be sent prior to your trip.

Cancellation Policy

Three weeks' notice must be received to cancel any booked program. Otherwise, an invoice for 50% of the total cost of your trip will be sent to the school. Cancellations due to inclement weather will not be penalized.

How Many Classes Can We Bring?

Your school may book one or two (maximum) classes at a time. One instructor per class is provided.

What Is The Cost Of A Half Day?

One Program (1.5 - 2 hours)

- \$6.00 per student
- Minimum fee: \$90.00 if less than 15 participants
- Teachers and Educational Assistants are admitted free
- All other chaperones pay the same as the students, \$6.00 each.

What Is The Cost Of A Full Day?

Two Programs (4-5 hours, includes lunch break)

- \$11.00 per student
- Minimum fee: \$165 if less than 15 participants
- Teachers and Educational Assistants are admitted free
- All other chaperones pay the same as the students, \$11.00 each.



- **Applications:** Staff apply for project funding as grants become available.
- **Courses/Certification:** Staff keep current by attending appropriate courses as needed.
- **Volunteers:** Our volunteers continue to play a huge role with the LTVCA. From helping with special events to trail work, we are very grateful for their support!

8.6) 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 August 31 – Sept.30, 2016 - 0 (0 in 2015)

Conservation Field Trips for Students

Total number from August 31 – Sept.30, 2016, 108 students and 15 adult supervisors participated in field trips to Longwoods Road Conservation Area. (43 students and 4 adults in 2015)

Conservation Classroom Programs and Outreach

From August 31 – Sept. 30, 2016 – 0 students

8th Annual Chatham-Kent and Lambton Children's Water Festival – October 4-6, 2016

The Water Festival Organizing Committee wants to say a big thanks to all those whose helped out in the festival this year from set up on Sunday to take down on Thursday....and all the behind the scenes work in preparation for the festival . Everyone played an important part in ensuring the success of the festival...the weather cooperated too!!

We had a record attendance of over 600 elementary each day over the 3 day period and daily attendance on site each day was in excess of 900 people which included high school student volunteers, adult volunteers and teachers, EA.s and parent helpers. There was high media interest and many stories and articles will appear in the coming week.

We have received many positive comments from teachers and other attendees...the following is an excerpt from one of them:

"I just wanted to thank you and your group again for organizing such an incredible experience for my students. Your volunteers are so helpful, accommodating and their genuine concern for the environment is contagious. Many students had a positive experience and it was definitely a pleasure for me to see them in action outside of the classroom.

So many blessings - including the incredible weather!"

Over 12,000 elementary students have now attended this festival over the past 8 years.

Thanks again to everyone on behalf of the Water Festival Organizing committee.



A cheque presentation was made from Union Gas to Don Pearson - LTVCA in support of the Water Festival on October 5th, VIP Day.



VIP's toured the site with the Festival Coordinator - Don Hector (in red) on Wednesday, October 5th.



*Photo Courtesy of Jim Blake - Chatham This Week
Capturing some the final day's adult volunteer group on October 6th! And this doesn't include the daily 100 secondary school volunteers! The Water Festival Committee is so grateful for all the community partners and volunteers! The Festival cannot run without you!*

A collage of Festival pictures!







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

Total number from August 31 to Sept.30, 2016 – 116 students and 14 adult supervisors participated in field trips to Ska-Nah-Doht. (43 students and 4 adults in 2015).

Ska-Nah-Doht Village and Museum Group Workshops

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

Total number from August 31 – Sept. 30, 2016 – 0 (0 in 2015)

Ska-Nah-Doht Village and Museum Activities

Noted under the Community Relations section of the agenda are the 2 new Ska-Nah-Doht Village school fliers for the 2016-2017 school year as well as the very successful ‘Tastes of Fall’ - October 2nd event.

The community has been generous in their financial support of the Heritage Build Project 2016. Green Lane Community Fund, the Lower Thames Valley Conservation Foundation and of course, the LTVCA allowed us to hire 2 summer students to assist LTVCA staff. They began with the take down of the oldest longhouse frame that was still standing since 1989. The Ska-Nah-Doht Village Advisory Committee met on September 22nd and viewed first-hand the progress!

Here are some pictures of the new longhouse, maze, temporary shelter and corncrib!



Fall school bookings will be keeping Curator, Karen Mattila and Village Education Technician, Rose Nicolas busy over the next several months. Ska-Nah-Doht will also play an integral role in the Thames Valley District School Board's Environmental Symposium on October 26th at Longwood's.

Follow us on the Ska-Nah-Doht Facebook page for pictures and updates!

8.7) Wheatley Two Creeks Association

Minutes of regular meeting held September 1st, 2016 at Wheatley Legion

Attendance: Rick & Forest Taves, Mike Diesbourg, Lorna Bell, Dale Widdon, Pauline Sample, Bruce & Marjorie Jackson, Mariette Preyde, Gerry Soulliere, Phil Humphries.

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

Minutes: With the amendment of Jim Tulen pouring the concrete for the Pembina bridge in place of Jim Celiska, the minutes were accepted as amended by Phil, sec. by Mike (Carried)

Memorial Groves: Kevin Getty has been asked to mow the Groves, he will give us price after he finishes and we will decide then whether to accept it. 8 of the 11 trees that were ordered have been planted, also the bench has been installed. Bruce & Marj have added over 300 gallons of water to the trees. The annual Memorial service in the Groves will be held Sept. 18 conducted by Derek. David & Sharon Light will provide the music.

Prop. & Equip.: The Bushhog is still in need of repairs. The Walnut & Hummingbird bridges will be repaired with culverts, Rick will ask Richard Dibley if he is interested in doing the work. Will also find out if Larry has contacted Hike Metal about purchasing the I beams.

Concerts: Despite the weather forecast on August 28 the concert with the Jay Allen Band went ahead as scheduled. There was no amplified sound but the over 200 people who showed up enjoyed the evening. To break even for the year without the grants we need \$ 633.03.

Financial Report: Account balance as of July 31 2016 was \$ 30,121.72

Account balance as of August 31 2016 was \$ 28978. 70

Balances were moved by Lorna sec. by Pauline

Correspondence : None

Old Business:

New Business: A walk will be conducted after the Memorial service to familiarize people with the trails.

Adjournment: Gerry moved for adjournment at 8:00

Phil Humphries
Secretary

8.8) GMs Report

Since the last meeting of the Board on August 25, staff conducted a series of public open houses regarding proposed changes to our Policies and Procedures for Planning and Section 28 regulations administration. In addition, a meeting of the four Conservation Authorities regarding the status of the Elgin County Shoreline Management Plan as it relates to their Section 28 Regulation was held. A status report is provided elsewhere in the agenda for your information, pursuant to the Board direction at its August 25 meeting.

Staff from the 3 Conservation Authorities within the Thames Sydenham Source Protection Region met with representatives of the Ontario Ministry of the Environment and Climate Change to assist in the Ministry's understanding of the funding needs of the program over the next several years and beyond, as the program transitions to "steady state".

Meetings with Carolinian Canada, Conservation Ontario and Ontario Heritage Trust were also attended in September, in addition to the "Farm to Coast" tour of Stewardship sites featuring Greening Partnership and Jeannette's Creek GLASI projects. Memorial Forest dedications also took place during the month of September.

The fine weather continued into October, allowing the 8th edition of the Chatham-Kent and Lambton Children's Water Festival to be an unqualified success.

Staff have been busy preparing a preliminary 2017 budget for the Board's consideration, which is also included with an accompanying report in this agenda.

Workplace Wellness Recognition

Earlier this year LTVCA staff participated in a workplace wellness walking challenge. This challenge helped keep staff active during the winter and was a great team-building experience. In Chatham-Kent, workplaces are recognized annually for their efforts to improve the health of their employees which in turn will reach to the community. Areas of recognition are Health and Safety, Healthy Lifestyle, Workplace Culture and Being Green & Being Involved. A team reviews each application to determine the level of recognition. This year the LTVCA is a proud winner at the Bronze level.

9. Correspondence

9.1) Conservation Ontario correspondence to the Honourable Kathryn McGarry, MNRF



September 28, 2016

Honourable Kathryn McGarry
Minister of Natural Resources and Forestry
Suite 6630, 6th Floor, Whitney Block
99 Wellesley St. W., Toronto, Ontario, M7A 1W3

Dear Minister McGarry:

On behalf of Conservation Ontario I would like to sincerely thank you for taking the time out of your busy schedule to meet our Conservation Authority members and bring remarks and good news regarding the Conservation Authorities Act Review. I would also like to extend gratitude to Ministry of Natural Resources and Forestry staff who presented preliminary feedback from the EBR submissions within such a short window following the EBR closing date. Your presence and participation was well-received by our members.

We were most delighted to hear about your decision to create a multi-stakeholder Service Delivery table. As you may know, Conservation Ontario's submission requested the creation of such a table to address streamlining and other issues related to service standards. We consider this to be an important work plan activity that may result in updates to MNRF's 2010 *Policies and Procedures for CA Plan Review and Permitting Activities*. Our members are respectfully asking that a publicly announced Terms of Reference be created for this table and that 3-5 key priorities be identified with deadlines for resolution and/or implementation. Additionally, Conservation Ontario would be pleased to provide feedback on a list of proposed key priorities and to work with you to identify CO/CA representatives for this table.

Once again, we would like to thank you for your enthusiasm in support of the Conservation Authorities' role in integrated watershed management and we look forward to working with you and supporting you in promoting the positive partnership that exists with CAs, MNRF and the Province at large.

Sincerely,

Dick Hibma, Chair

c.c. Steve Shapka, MNRF
Mark Tyler, MNRF
Jason Travers, MNRF
Jennifer Keyes, MNRF
Kim Gavine, CO
All CAOs, CAs

120 Bayview Parkway Newmarket Ontario L3Y 3W3
Tel: (905) 895-0718 Fax: (905) 895-0751 Email: info@conservationontario.ca

www.conservationontario.ca

9.2) Dutton Dunwich Council Resolution Re: Review of the CA Act



COUNCIL RESOLUTION

22

Res: 2016-15.6

Wednesday August 24th, 2016

Moved by: Fleck
 Seconded by: McKillop

THAT the Council of the Municipality of Dutton Dunwich supports the submission of the Lower Thames Conservation Authority whereby the Lower Thames Conservation Authority Board of Directors endorse the submission of Conservation Ontario as it relates to the Review of the Conservation Authorities Act; and that it seeks the support of the member municipalities in making recommended legislative, administrative and policy amendments to the Conservation Authorities program.

<u>Recorded Vote</u>	<u>Yeas</u>	<u>Nays</u>
I. Fleck	—	—
D. McKillop	—	—
M. Hentz	—	—
B. Purcell	—	—
C. McWilliam - Mayor	—	—

Carried:

McWilliam
 Mayor

Defeated:

 Mayor

I HEREBY DECLARE THIS TO BE A TRUE AND EXACT COPY OF THE ORIGINAL DOCUMENT AS AT August 31, 2016

[Signature]
 Clerk, Mun. of Dutton/Dunwich

9.3) West Elgin Correspondence Re: Commenting period for Policy Updates



MUNICIPALITY OF
West Elgin

22413 Hoskins Line
Rodney ON, N0L 2C0
519-785-0560
www.westelgin.net

Lower Thames Valley Conservation Authority.
c/o Mr. Don Pearson, General Manager &
Mr. Jason Wintermute, Water Management Supervisor

September 27, 2016

Dear Mr. Don Pearson:

The West Elgin Council has discussed the Lower Thames Valley Conservation Authority's (LTVCA) Regulations & Planning Policy and Procedure Manual. This includes attending the open house, reviewing the regulations, and a discussion at our Council meeting last Thursday September 22, 2016.

The intention and reason for this letter is that West Elgin would like to request an extension in the time allowed to comment on the proposed policies. It has recently come to our attention that some of the regulations can hinder and stall the Municipality of West Elgin's ability to direct development as deemed appropriate or necessary by Council.

Given the gravity and nature of the document, I am sure you can understand and appreciate the municipality being able to put our best foot forward and give full consideration in the submission of our comments for your deliberation. We would ask that as one of your conservation partners and larger stakeholders in the watershed that you grant us more time to make an informed representation of ourselves. We appreciate the amount of consultation and consideration given to us so far and look forward to continuing to work with the LTCVA.

Should you have any questions, please contact me.

Regards,

Bernie Wiehle
Mayor of the Municipality of West Elgin
Warden of the County of Elgin

9.4) Conservation Ontario Correspondence Re: Conservation Authorities Act Review



**Canadian
Environmental Law
Association**
EQUITY. JUSTICE. HEALTH.



Honourable Kathryn McGarry
Minister of Natural Resources and Forestry
6th Floor, Whitney Block, Room 6630
99 Wellesley St. W
Toronto, Ontario M7A 1W3

Honourable Bob Chiarelli
Minister of Infrastructure
Mowat Block, 5th Floor, 900 Bay St.
Toronto, Ontario M7A 1C2

Honourable Glen Murray
Minister of Environment and Climate Change
11th Floor, Ferguson Block
77 Wellesley St. W.
Toronto, Ontario M7A 2T5

Honourable Dr. Eric Hoskins
Minister of Health and Long-Term Care
Hepburn Block, 10th Floor, 80 Grosvenor St.
Toronto, Ontario M7A 2C4

Honourable Jeff Leal
Minister of Agriculture, Food and Rural Affairs
11th Floor, 77 Grenville St.
Toronto, Ontario M7A 1B3

Honourable Mitzie Hunter
Minister of Education
Mowat Block, 22nd Floor
900 Bay St.
Toronto, Ontario M7A 1L2

Honourable Eleanor McMahon
Minister of Tourism, Culture and Sport
Hearst Block, 9th Floor
900 Bay St.
Toronto, Ontario M7E 2A1

Honorable David Oraziotti
Minister of Community Safety and Correctional
Services
George Drew Bldg, 18th Floor
25 Grosvenor St.
Toronto, Ontario M7A 1Y6

Honourable Bill Mauro
Minister of Municipal Affairs
777 Bay St.
College Park, 17th Floor
Toronto, Ontario M5G 2E5

October 6, 2016

Re: Conservation Authorities Act Review

Dear Ministers,

Our organizations work together in support of Ontario's economic and environmental priorities. We have taken the time to consider the *Conservation Authorities Act Review* and to identify a couple of high level common goals and objectives that we all agree with. These comments are in addition to our more detailed submissions made to *Conserving our Future: Proposed Priorities for Renewal* (EBR 012-7583) and they are not intended to limit the government's review of those comments.

Improving Client Service Delivery

Our organizations have a history of working together for improved service delivery within both the Conservation Authorities' plan review and permitting programs. We welcome the creation of a multi-stakeholder Service Delivery Review Committee (similar to the Ministry of Natural Resources/Ministry of Municipal Affairs CA Liaison Committee (CALC) with additional stakeholders) to address, on a regular basis, streamlining and other issues related to service standards (e.g. Service Agreements, user fees). It is supported that regular multi-stakeholder training on the MNRF (2010) *Policies & Procedures for CA Plan Review and Permitting Activities* be provided. It is further noted that varying financial capacity/disparity among Conservation Authorities impacts the programs and services that are available on a province-wide basis. Frameworks for improvement need to allow flexibility to reflect local watershed needs and reflect best practices on a continual basis.

Addressing the Provincial Funding Gap

The lack of a renewed/updated funding commitment from the Province continues to be disappointing. There have been no increases (neither inflationary nor program improvements) to the provincially funded portion of the natural hazards program since the mid-1990s despite increased risks presented by climate change. As well, there is a lack of support for examining the broader benefits and cost savings obtained by the Province from program delivery through an integrated watershed management approach. It makes sense to invest in Conservation Authority programs and services which protect water, build ecosystem resilience, provide green space, and, prevent costly expenditures for flood damages, business disruptions and healthcare. We support development of a sustainable multi-ministry funding formula to achieve provincial priorities and to meet Ontario's current and emerging environmental imperatives (e.g. climate change, Great Lakes water protection). In the examination of broader benefits/provincial interest, it is noted that, if new responsibilities devolve to CAs; new funding needs to accompany these new duties. We also urge the Province to re-engage the federal government which also has expectations for local watershed management. Finally, in development of a sustainable funding formula, to address in part some issues of capacity, the Province should consider some resource equalization grants for CAs, taking into account local ability to pay.

Again, we are committed to working together, as provincial organizations and through our members at the watershed level to ensure the sustainable and resilient ecological and socio-economic well-being of Ontario. We ask that the Province partner with us. To be successful, we need your leadership and action on the above two priorities.

Sincerely,



Dick Hibma, Chair,
Conservation Ontario



Lynn Dollin, President,
Association of Municipalities of Ontario



Don McCabe, President,
Ontario Federation of Agriculture



Theresa McClenaghan, Executive Director,
Canadian Environmental Law Association

c.c. Gillian McEachern, Premier's Office
Dr. Dianne Saxe, Environmental Commissioner of Ontario
Gilles Bisson, Critic, MNR
Todd Smith, Critic MNR
CAOs, All Conservation Authorities

9.5) Municipality of Chatham-Kent Correspondence Re: Draft 2017 Budget



Municipality of Chatham-Kent

Chief Administrative Office
315 King Street West, P.O. Box 640
Chatham ON N7M 5K8
Tel: 519.436.3241 Fax: 519.436.3236
Toll Free: 1.800.714.7497

September 16, 2016

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

Attention: John Kavelaars, Chair

Dear Mr. Kavelaars:

On Monday, March 21, 2016 Council directed all municipal departments and requisitioning bodies to prepare draft 2017 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 1.7%

In order to achieve Council's direction, we are asking your organization to include the following information in your 2017 budget requests:

- a) The minimum resources required to deliver the same base level of services that were delivered in 2016.
- b) If a) above is greater than 2016's requirement, please provide descriptions and costings of service level adjustments (in increments of 0.5% of your 2017 request) that Council can consider implementing in order to achieve its budget target of 1.7%
- c) For any new levels of service or special projects being proposed for 2017, 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 2017 budget time line, we require your 2017 budget proposal, complete with the options described above, by Monday, October 31, 2016.



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

Sincerely,



JOHN NORTON ACTING FOR

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

jc/gq

C Mike Turner, Chief Financial Officer & Treasurer
Gord Quinton, Director, Budget & Performance Services