

**TOWNSHIP OF WEST LINCOLN
PLANNING/BUILDING/ENVIRONMENTAL
COMMITTEE MINUTES**

MEETING NO. SIX

June 14, 2021, 6:00 p.m.

Township Administration Building

318 Canborough Street, Smithville, Ontario

Council: Councillor William Reilly (Chair)
Councillor Shelley Bradaric
Mayor Dave Bylsma
Councillor Cheryl Ganann
Councillor Harold Jonker
Councillor Jason Trombetta
Councillor Mike Rehner* (refer to page 2)

Staff: Bev Hendry, CAO
Brian Treble, Director of Planning and Building
Jessica Dyson, Deputy Clerk
Madyson Etzl, Planner II*
Gerrit Boerema, Planner II*
Meghan Birbeck, Planner I*
Roberta Keith, IT Manager*

| | | |
|----------------|---------------------------------------|---------------------|
| Other Members: | Albert Witteveen, Regional Councillor | Lou Di Leonardo* |
| | Dan Currie, MHBC Planning Ltd.* | Marlene Bergsma* |
| | Scott Antonides* | Kurt Franklin* |
| | Nadia Batourin* | Mary Kovacs* |
| | Ephraim Nywening* | Linda Sivyer* |
| | Grace Munnings* | Mau Po* |
| | Reuben DeBoer* | Gabby Chavez* |
| | Virginia Munden* | Kristine Zwaagstra* |
| | Loretta Shields* | Paul Kwiatkoski* |
| | Chris Millar* | Jowett Lau* |
| | Richard Vandezande* | |

*** IN ATTENDANCE PART TIME**

PLANNING/BUILDING/ENVIRONMENTAL COMMITTEE MINUTES – June 14, 2021

1. CHAIR - Councillor William Reilly

Prior to commencing with the Planning/Building/Environmental Committee meeting agenda, Chair Reilly provided the following announcements:

1. Due to efforts to contain the spread of COVID-19 and to protect all individuals, the Council Chamber will not be open to the public to attend Standing Committee and Council meetings until further notice.
2. The public may submit comments for matters that are on the agenda to jdyson@westlincoln.ca before 4:30 pm on the day of the meeting. Comments submitted will be considered as public information and will be read into the public record.
3. The meeting will be recorded and available on the Township's website within 48 hours of the meeting, unless otherwise noted.

2. DISCLOSURE OF PECUNIARY INTEREST AND/OR CONFLICT OF INTEREST (CONFIDENTIAL MATTERS)

There were no disclosures of pecuniary interest and/or conflict of interest for confidential matters.

3. CONFIDENTIAL MATTERS

Councillor Rehner was not in attendance during the Closed Session meeting and therefore did not participate in the Closed Session discussions. All other Members of Committee noted as present as well as the CAO, Director of Planning & Building, and Deputy Clerk were in attendance for discussion of all confidential matters.

Prior to the closed session, all Members of Committee were reminded that any discussions in closed are to remain confidential as per the Township's Code of Conduct and the Procedural By-law.

All those in attendance electronically for closed session deliberations confirmed and acknowledged that they understood and confirmed to all of the following statements:

- That all confidential matters and discussions are to remain confidential;
- No one else was present with them during the electronic confidential discussions;
- No one else could hear the electronic closed session deliberations;
- No one was using any electronic devices other than their tablet or computer; for the purpose of the video conferencing; and,
- No one was recording any portion of the confidential portion of the meeting.

Moved By Councillor Harold Jonker

Seconded By Mayor Dave Bylsma

That, the next portion of this meeting be closed to the public to consider the following pursuant to Section 239(2) of the Municipal Act 2001:

PLANNING/BUILDING/ENVIRONMENTAL COMMITTEE MINUTES – June 14, 2021

3.1 Planner I (Meghan Birbeck) and Director of Planning & Building (Brian Treble)
Re: Legal/Solicitor-Client Privilege - Confidential Recommendation Report No. PD-71-2021 - Second Minor Variance Application Fee Reimbursement

Applicable closed session exemption(s):

- litigation or potential litigation, including matters before administrative tribunals, affecting the municipality or local board;
- advice that is subject to Solicitor-client privilege, including communications necessary for that purpose

3.2 Director of Planning & Building (Brian Treble)

Re: Legal/Solicitor-Client Privilege – Confidential Recommendation Report No. PD-074-2021 – Property Issue with Legion Branch 393

Applicable closed session exemption(s):

- litigation or potential litigation, including matters before administrative tribunals, affecting the municipality or local board;
- advice that is subject to Solicitor-client privilege, including communications necessary for that purpose

Carried

Moved By Mayor Dave Bylsma

Seconded By Councillor Cheryl Ganann

That, this Committee meeting does now resume in open session at the hour of 6:33 p.m.

Carried

3.1 ITEM P69-21

Planner I (Meghan Birbeck) and Director of Planning & Building (Brian Treble)

Re: CONFIDENTIAL Recommendation Report No. PD-71-2021 - Second Minor Variance Application Fee Reimbursement

Moved By Councillor Shelley Bradaric

Seconded By Mayor Dave Bylsma

1. That, Report PD-71-2021, regarding “CONFIDENTIAL Recommendation Report, regarding a Second Minor Variance Application Fee Reimbursement”, dated June 14, 2021, be RECEIVED; and,
2. That, staff be authorized to proceed as directed in closed session.

Carried

3.2 ITEM P70-21

Director of Planning & Building (Brian Treble)

Re: CONFIDENTIAL Recommendation Report No. PD-074-2021 – Property Issue with Legion Branch 393

Moved By Councillor Harold Jonker

Seconded By Councillor Jason Trombetta

1. That, Report PD-074-21 regarding “CONFIDENTIAL, Recommendation Report, Property Issue with Legion Branch 393” dated June 14th, 2021, be RECEIVED; and,
2. That, an authorizing by-law be passed to authorize the Mayor and Clerk to sign the respective documents required to implement the closed session directive relating to the Legion Branch 393; and,
3. That staff be authorized to proceed as directed in closed session

Carried

4. DISCLOSURE OF PECUNIARY INTEREST AND/OR CONFLICT OF INTEREST

There were no disclosures of pecuniary interest and/or conflict of interest.

5. PUBLIC MEETING(S)

5.1 Zoning By-law Amendment - Township of West Lincoln Housekeeping Amendments

Re: Zoning By-law Amendment application submitted by staff for the Township of West Lincoln Housekeeping Amendments (File No. 1601-009-21).

5.2 Official Plan & Zoning By-law Amendments - East Smithville Secondary Plan

Re: Township of West Lincoln East Smithville Secondary Plan, for the lands located on the North East corner of St Catharine’s Street and Industrial Park Road. Official Plan Amendment (File No. 1701-002-21) & Zoning By-law Amendment (File No. 1601-008-21).

6. CHANGE IN ORDER OF ITEMS ON AGENDA

There was no change in order of items on the agenda.

7. APPOINTMENTS

7.1 ITEM P71-21

Scott Antonides, Science Teacher (Smithville Christian High School)

Re: 50 Million Trees Grant Proposal

POWERPOINT PRESENTATION

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Scott Antonides and his students from Smithville Christian High School Nadia Batourin, Ephraim Nywening, Grace Munnings and Reuben DeBoer, provided a PowerPoint presentation (attached as **Schedule A**) as well as showed a video which can be found on YouTube at <https://www.youtube.com/watch?v=D5Au6Hq22oA>, relating to 50 Million Trees Grant Proposal and were available to answer any questions from Members of the Committee.

Members of Council thanked Mr. Antonides and the students for taking the time and to bring forward this correspondence and for a job well done on the presentation.

Moved By Councillor Cheryl Ganann

Seconded By Mayor Dave Bylsma

1. That, the correspondence received from Scott Antonides regarding the 50 Million Trees Reforestation Program dated June 14, 2021, be received, and;
2. That, the correspondence outlined above be referred to staff to discuss with the Urban Boundary Study Team, and;
3. That, staff report back to Committee at a future Planning/Building/Environmental Committee meeting.

Carried

8. REQUEST TO ADDRESS ITEMS ON THE AGENDA

There were no requests to address items on the agenda.

9. CONSENT AGENDA ITEMS

9.1 ITEM P72-21

CONSENT AGENDA ITEMS

Moved By Councillor Cheryl Ganann

Seconded By Councillor Jason Trombetta

That the Planning/Building/Environmental Committee hereby approve the following Consent Agenda items:

1. Items 1 and 2 be and are hereby received for information.

Carried

SUMMARY OF APPROVED CONSENT AGENDA ITEMS:

1. Technical Report No. PD-67-2021 - Comprehensive Zoning Bylaw 2017-70, as amended, Housekeeping Amendments No. 4

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2. Technical Report No. PD-68-2021 - East Smithville Secondary Plan
DRAFT Official Plan Policies (DRAFT Amendment No. 60) and DRAFT
Zoning By-Law Amendments

10. COMMUNICATIONS

There are no communications.

11. STAFF REPORTS

11.1 ITEM P73-21

Planner II (Gerrit Boerema) and Director of Planning & Building (Brian Treble)
Re: Recommendation Report No. PD-73-2021 - Rural Settlement Area
(Hamlet) Boundary Review

In response to Mayor Bylsma's questions regarding St. Ann's not being included in the boundary review the Director of Planning & Building stated that staff have gone through all the Hamlets with respect to private applications received as well as any staff identified areas for correction and did not identify any corrections needed for the St. Ann's area. Mayor questioned if there was an opportunity for a potential rebuild in the future with respect to the homes that have little to none front yard setbacks located on the East Side of St. Ann's road South of 20 Mile Creek. In response to Mayor Bylsma's question, the Director of Planning & Building stated that these homes are already existing within the Hamlet Boundary and may fall into discussion around the non-conforming provisions of the Housekeeping by-law and stated that staff will review those properties for the potential of a future rebuild. In response to Mayor Bylsma's question regarding the Township having to complete any work in conjunction with the Town of Grimsby with respect to homes located in the Grassie area, the Director of Planning & Building stated that staff will reach out to Grimsby before bringing a recommendation report back to the Committee.

Moved By Mayor Dave Bylsma

Seconded By Councillor Harold Jonker

1. That, report PD-73-2021, regarding "Rural Settlement Area (Hamlet) Boundary Review", dated June 14, 2021 be received, and;
2. That, report PD-73-2021 be circulated to Regional Planning Staff to ensure that they are aware of the Township's ongoing work on reviewing the existing Rural Settlement Area boundaries, and;
3. That, staff present a Recommendation report at a future Planning/Building/ Environmental Committee meeting identifying which

adjustments to rural settlement area boundaries, if any, are recommended by Township staff to support the Regional Municipal Comprehensive Review work.

Carried

11.2 ITEM P74-21

Director of Planning & Building (Brian Treble)

Re: Recommendation Report No. PD-70-2021 - Site Alteration Application – Marz Homes Inc. (Agent- Joe Chiarelli - Rosemont Homes and Cardi Construction) West of South Grimsby Road 5 and North of Regional Road 20, being Lot 9, Plan M98 File No. 3000-003-21

Moved By Councillor Mike Rehner

Seconded By Councillor Cheryl Ganann

1. That, Report PD-70-2021, regarding “Recommendation Report, Site Alteration Application –Marz Homes Inc (Agent - Joe Chiarelli - Rosemont Homes and Cardi Construction), West of South Grimsby Road 5 and North of Regional Road 20, being Lot 9, M98, File No. 3000-003-21”, dated June 14th, 2021, be RECEIVED; and,
2. That, a site alteration permit in a form similar to that found at attachment 3 to this report be approved by Township Council, subject to conditions as noted in the permit; and,
3. That, the permit be authorized to be issued prior to ratification of Township Council given the timing of the Rosemont Homes development; and,
4. That, all efforts be taken to acknowledge and protect neighbouring residents, including, but not limited to: dust control, speed control, noise control, obedience of the Highway Traffic Act, etc. Failure to do so will provide by-law staff with authority to revoke this permit at any time.

Carried

11.3 ITEM P75-21

Director of Planning & Building (Brian Treble)

Re: Recommendation Report No. PD-76-2021 – Wes Blokker, B-Line Trenching – Refund of Security Deposit

Councillor Trombetta asked if the Director of Planning & Building could provide an explanation as to why the security deposit is being returned. The Director of Planning & Building stated that the zoning that was put in place, included a clause with respect to providing a security deposit to ensure the compliance of zoning and site plan approval. The Director of Planning &

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Building stated that since the owner is now selling the property it now seems appropriate to release that security deposit. The Director of Planning & Building suggested that the Township does not release the deposit until the use of the land is confirmed to be gone.

Moved By Councillor Harold Jonker

Seconded By Councillor Shelley Bradaric

1. That, Report PD-76-2021, regarding “Recommendation Report – Wes Blokker, B-Line Trenching – Refund of Security Deposit”, dated June 14th, 2021, be RECEIVED; and,
2. That, staff be and are hereby authorized to release the \$5000 security deposit, on or after July 30, 2021, provided the property situated at 9629 Regional Road 20 is sold with B-Line Trenching no longer operating from the site, as confirmed and to the satisfaction of the Director of Planning & Building.

Carried

11.4 ITEM P76-21

Director of Planning & Building (Brian Treble)

Re: Recommendation Report No. PD-77-2021 - RFP for Possible Hamlet Boundary Adjustment in Fulton and Grassie for Consideration of a Rural Employment Area

In response to Councillor Rehner’s questions regarding how long this project will take to complete and the cost associated with this project, the Director of Planning & Building stated that the request for proposal (RFP) had been amended in order to get a consultant to assist the Township to identify an area of land that will be included inside the Hamlet boundary in which the Region has requested. The Director of Planning & Building noted that once this land has been identified and approved by the Region, staff will report back to the Committee by the end of Summer 2021, therefore staff will be on a tight timeline for phase one of the RFP process. The Director of Planning & Building stated that he was not sure of the exact cost, however provided an estimate of approximately \$20, 000 - \$30,000 for the first step which will leave the Township with room to complete a secondary plan once the Region agrees with the land that will be included inside the Hamlet boundary.

Moved By Mayor Dave Bylsma

Seconded By Councillor Harold Jonker

PLANNING/BUILDING/ENVIRONMENTAL COMMITTEE MINUTES – June 14, 2021

1. That, Report PD-77-2021, regarding “Recommendation Report, RFP for Hamlet Boundary Adjustment in Fulton and Grassie for Consideration of a Rural Employment Area”, dated June 14th, 2021, be RECEIVED; and,
2. That, staff be granted authority to proceed with Phase I only, by retaining Dan Currie of MHBC Planning to assist with the Phase I work immediately and prior to ratification of Township Council.

Carried

11.5 ITEM P77-21

Director of Planning & Building (Brian Treble)

Re: Recommendation Report No. PD-75-2021 - Final Renewable Energy System Policies for Approval to Incorporate into the Township of West Lincoln Official Plan – File No. 1701-005-19 and Amendment to the Township of West Lincoln Zoning By-law – File No. 1601-007-21

Moved By Councillor Jason Trombetta

Seconded By Councillor Cheryl Ganann

1. That, Report PD-75-2021, regarding “Recommendation Report - Final Renewable Energy System Policies for Approval to Incorporate into the Township of West Lincoln Official Plan – File No. 1701-005-19 and Amendment to the Township of West Lincoln Zoning By-law – File No. 1601-007-21”, dated June 14th, 2021, be RECEIVED; and,
2. That, Section 34(17) of the Planning Act apply and that no further public meeting is required; and,
3. That, Official Plan Amendment No. 56 (File No. 1701-005-19) be approved and that a corresponding authorizing bylaw be APPROVED and passed to authorize the Mayor and Clerk to sign all Official Plan Amendment approval documents; and,
4. That staff be authorized to circulate the Notice of Decision on the approval of Official Plan Amendment No. 56 to the agencies and public to commence the 20 day appeal period as Regional Council approval is not required; and,
5. That, Zoning By-law Amendment 1601-007-21 and a corresponding bylaw be APPROVED and passed; and,
6. That, Staff be authorized to circulate the Notice of Decision for the Zoning By-law Amendment with the corresponding 20-day appeal period, with full force and effect occurring once Official Plan Amendment No 56 has been approved without appeal.

Carried

12. OTHER BUSINESS

12.1 ITEM P78-21

Councillor Reilly

Re: Community Concerns

Councillor Reilly stated that due to the issues being rectified over the weekend that there was no longer a need for this discussion and therefore withdrew his item under other business.

12.2 ITEM 79-21

Councillor Jason Trombetta

Re: Shooting of Firearms in Rural Areas

Councillor Trombetta shared that this issue has been forwarded to him from residents and that the purpose of this item being brought to Committee is to spread awareness of the Township's by-law's with respect to shooting activity within the Municipality that members of the public should be aware of and following these by-laws.

The CAO stated that senior staff did have a discussion around this topic and noted that there is a lot of helpful information and resources on the Township's website that address the use of firearms and the firearms by-law within the Township.

12.3 ITEM P80-21

Councillor Jonker and Director of Planning & Building (Brian Treble)

Re: Multi-Municipal Wind Turbine Working Group (MMWTWG) 2021 Membership

Councillor Jonker stated that due to COVID the Multi-Municipal Wind Turbine Working Group meetings had been put on hold until recently and stated that Committee is to decide if the Township wishes to continue with the membership. Councillor Jonker also stated that the membership fee has been waived for 2021 and therefore finds that renewing the Township's membership for this year is very logical. Councillor Jonker also provided the benefits of the membership by stating that this group acknowledges concerns that are brought forward and presents these concerns at the MMWTWG meetings especially with the information that is being received with the future demolition and disposal of these Wind Turbines and Provincial policies that are in place moving forward.

Moved By Councillor Harold Jonker

Seconded By Mayor Dave Bylsma

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That, the Township of West Lincoln continue their membership on the Multi-Municipal Wind Turbine Working Group (MMWTWG) for the Year 2021.

Carried

12.4 ITEM P81-21

Deputy Clerk (Jessica Dyson)

Re: New appointment for a Council Representative for the West Lincoln Heritage Committee

Councillor Reilly nominated Councillor Bradaric to be appointed as the new Council Representative for the West Lincoln Heritage Committee.

Councillor Bradaric gladly accepted the offer and the recommendation to appoint Councillor Bradaric was put forward.

Moved By Councillor Cheryl Ganann

Seconded By Councillor Mike Rehner

1. That, Councillor Shelley Bradaric be hereby appointed as a Council Representative on the West Lincoln Heritage Committee; and,
2. That, By-law 2018-114, be amended at the June 28th, 2021 Council Meeting, specifically replacing Schedule F (West Lincoln Heritage Committee) with a new Schedule F by removing Mayor Dave Bylsma and replacing with the name of the new appointed Member of Council.

Carried

12.5 ITEM P82-21

Members of Committee

Re: Other Business Matters of an Informative Nature

- i) Mayor Bylsma

Re: Acknowledgment of a new Regional Staff Member

Mayor Bylsma shared with the Committee that the Region of Niagara recently appointed a new Commissioner of Planning and Development Services, Michelle Sergi.

13. NEW BUSINESS

There were no new items of business.

14. ADJOURNMENT

The Chair to declare the meeting adjourned at the hour of 9:09 p.m.

PLANNING/BUILDING/ENVIRONMENTAL COMMITTEE MINUTES – June 14, 2021



**JESSICA DYSON, DEPUTY
CLERK**

**COUNCILLOR WILLIAM REILLY,
CHAIR**

Reforestation Proposal

Smithville Christian High School

Smithville Planning Committee Meeting
June 14, 2021



Team Members

Teacher - Scott Antonides, 23 Golden Acres Drive

Students - Nadia Batourin, Reuben DeBoer, Grace Munnings,
Ephraim Nywening

Community Advisors - Linda and Rick Sivyer, Loretta Shields

Proposal Objective

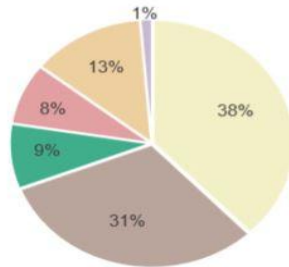
1. To protect trees/forests within the existing and future urban boundary
 2. To reforest a significant plot of land within the urban boundary
-

SCHEDULE "A" to the June 14, 2021 Planning/Building/Environmental Comm. Minutes

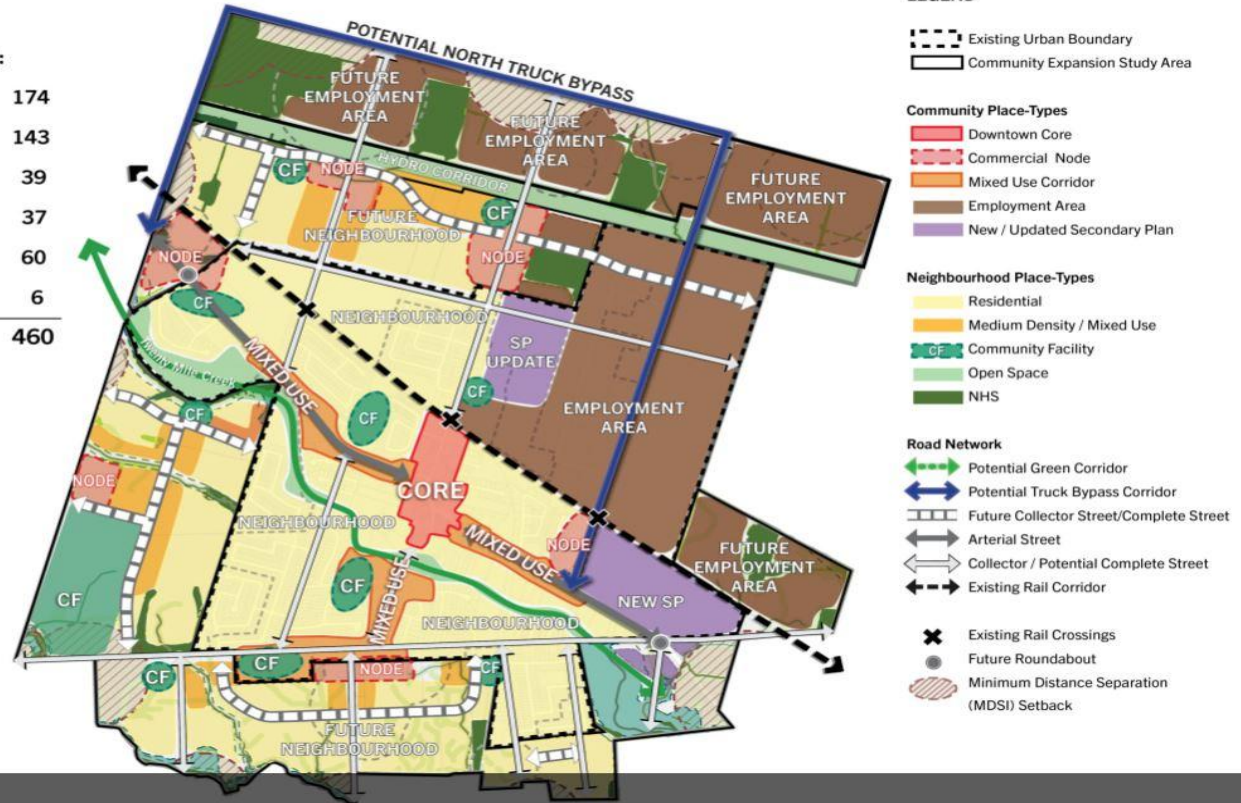
CONCEPT PLAN 1

POTENTIAL EXPANSION AREA:

| | |
|-------------------------------|-----|
| LOW DENSITY RESIDENTIAL (HA): | 174 |
| EMPLOYMENT AREA (HA): | 143 |
| COMMUNITY FACILITIES (HA): | 39 |
| NODES: (HA): | 37 |
| MIXED USE/MED. DENSITY (HA): | 60 |
| SECONDARY PLAN (HA): | 6 |
| GROSS LAND USE AREA (HA): | 460 |



Land Area by Place-Type



Concept Plan 1



Why Plant Forests in Urban Settings?

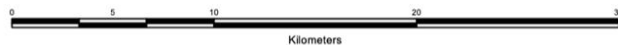
- Reduces runoff
- Improves water filtration
- Habitat for wildlife
- Improves biodiversity
- Aesthetic purposes
- Carbon sink

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Surface Water Quality Monitoring Station

- Water Quality Index Rating
- Excellent
 - Marginal
 - Good
 - Poor
 - Fair
- Watercourses
- Waterbodies
- Sampled Subwatersheds
- NPCA Jurisdiction



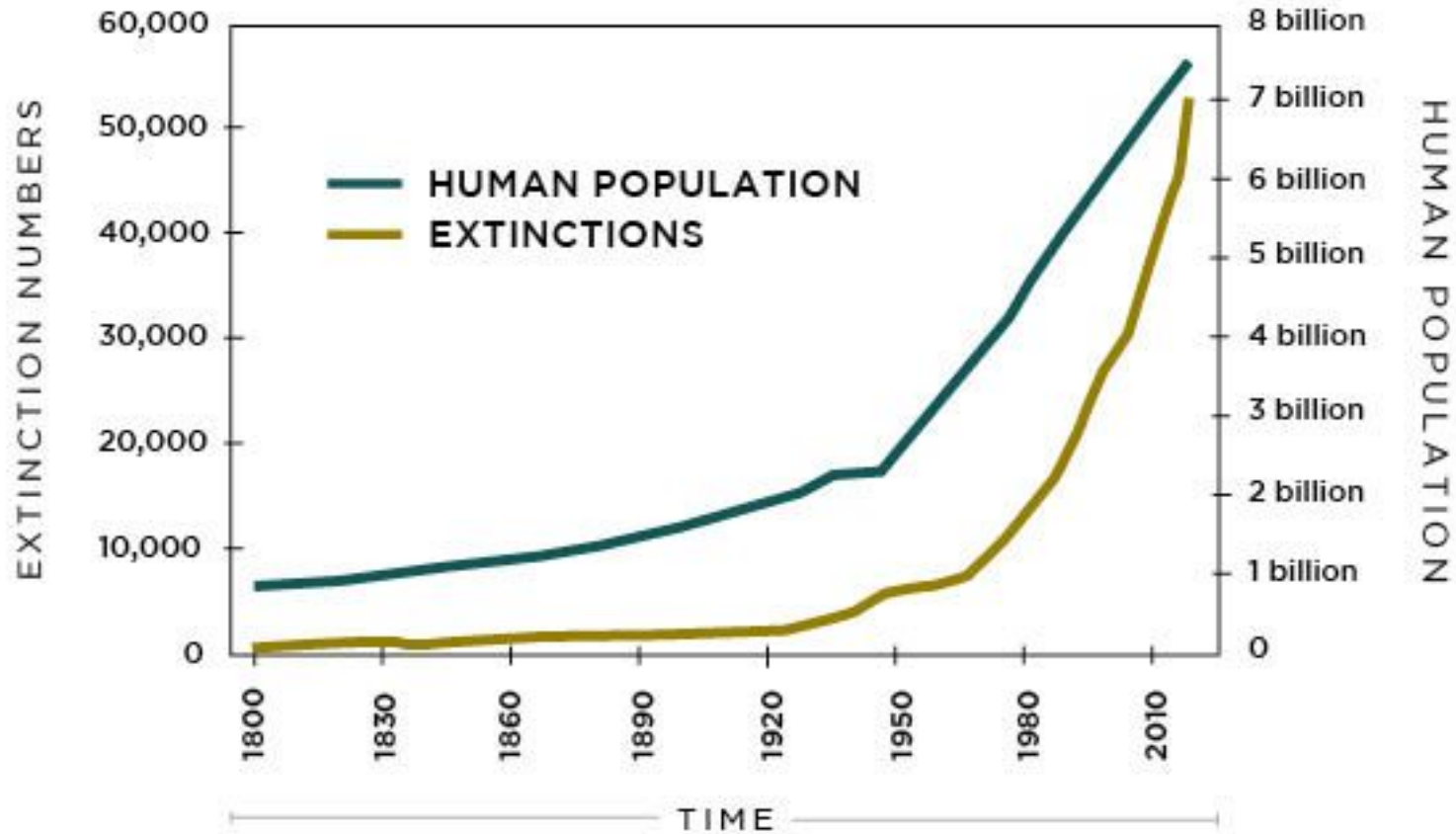
All Frames: North American Datum 1983, Universal Transverse Mercator 6° Projection, Zone 17N, Central Meridian 81° West.
Produced by the Niagara Peninsula Conservation Authority with data supplied under licence by members of the Ontario Geospatial Data Exchange, 2021.



Creek Pollutants in West Lincoln

| Parameter | Environmental Standards PWQO/CWQG | Median concentration 2016-2020 | # Exceedances 2016-2020 | % Samples Exceeding 2016-2020 |
|-----------|--------------------------------------|-----------------------------------|----------------------------|----------------------------------|
| Chloride | 120 mg/L | 62.7 mg/L | 5 | 13% |
| Copper | 0.005 mg/L | 0.00255 mg/L | 2 | 2% |
| E. coli | 100 cfu/100mL | 153 cfu/100mL | 20 | 59% |
| Lead | 0.005 mg/L | 0 mg/L | 0 | 0% |
| NO3-N | 3.0 mg/L | 1.297 mg/L | 7 | 18% |
| TP | 0.03 mg/L | 0.227 mg/L | 40 | 100% |
| TSS | 30 mg/L | 18.6 mg/L | 11 | 28% |
| Zinc | 0.02 mg/L | 0.0117 mg/L | 6 | 17% |

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Scott, J.M. *Threats to Biological Diversity*, University of Idaho

Who Would Pay for the Reforestation?

At least 2 grants are available

1. Niagara Peninsula Conservation Authority

Restoration Grant Program <https://npca.ca/restoration>

2. Forests Ontario

50 Million Tree Program

<https://forestsontario.ca/en/program/50-million-tree-program>

GRANT PROGRAMS

RESTORATION GRANT PROGRAM

RESTORATION PROGRAM

The NPCA is taking action to restore and improve water quality, wildlife habitat and forest cover across the NPCA watershed. In 2019, the NPCA has launched a revitalized restoration program with the vision of:

'Fostering collaboration among partners in the watershed to protect and restore water quality and diverse habitats by completing projects that meet the long-term mandate of the NPCA.'

The Niagara Peninsula watershed is highly degraded in contrast to what conservation literature suggests is required for a healthy and sustainable watershed. NPCA water quality monitoring results reflect this indicating that most of the surface waters in the Niagara Peninsula watershed are either poor or impaired



50 Million Tree Program

SCHEDULE "A" to the June 14, 2021 Planning/Building/Environmental Comm. Minutes

How Much Will it Cost?

*costs may vary depending on site prep and tree selection

| Number of Acres | Number of Trees | Tree Cost \$1.5/tree | Planting Cost \$1/tree | Estimated Site Prep | 50MTP grant 1.16/tree | NPCA grant (75%) | Cost to Landowner |
|-----------------|-----------------|----------------------|------------------------|---------------------|-----------------------|------------------|-------------------|
| 1 | 800 | \$1,200 | \$800 | \$500 | \$928 | \$1,179 | \$393 |
| 2 | 1600 | \$2,400 | \$1,600 | \$1,000 | \$1,856 | \$2,358 | \$786 |
| 3 | 2400 | \$3,600 | \$2,400 | \$1,500 | \$2,784 | \$3,537 | \$1,179 |
| 4 | 3200 | \$4,800 | \$3,200 | \$2,000 | \$3,712 | \$4,716 | \$1,572 |
| 5 | 4000 | \$6,000 | \$4,000 | \$2,500 | \$4,640 | \$5,895 | \$1,965 |
| 6 | 4800 | \$7,200 | \$4,800 | \$3,000 | \$5,568 | \$7,074 | \$2,358 |
| 7 | 5600 | \$8,400 | \$5,600 | \$3,500 | \$6,496 | \$8,253 | \$2,751 |
| 8 | 6400 | \$9,600 | \$6,400 | \$4,000 | \$7,424 | \$9,432 | \$3,144 |
| 9 | 7200 | \$10,800 | \$7,200 | \$4,500 | \$8,352 | \$10,611 | \$3,537 |
| 10 | 8000 | \$12,000 | \$8,000 | \$5,000 | \$9,280 | \$11,790 | \$3,930 |

Stuart McPherson Restoration Specialist Niagara Peninsula Conservation Authority

250 Thorold Road, West, 3rd floor | Welland, ON L3C 3W2

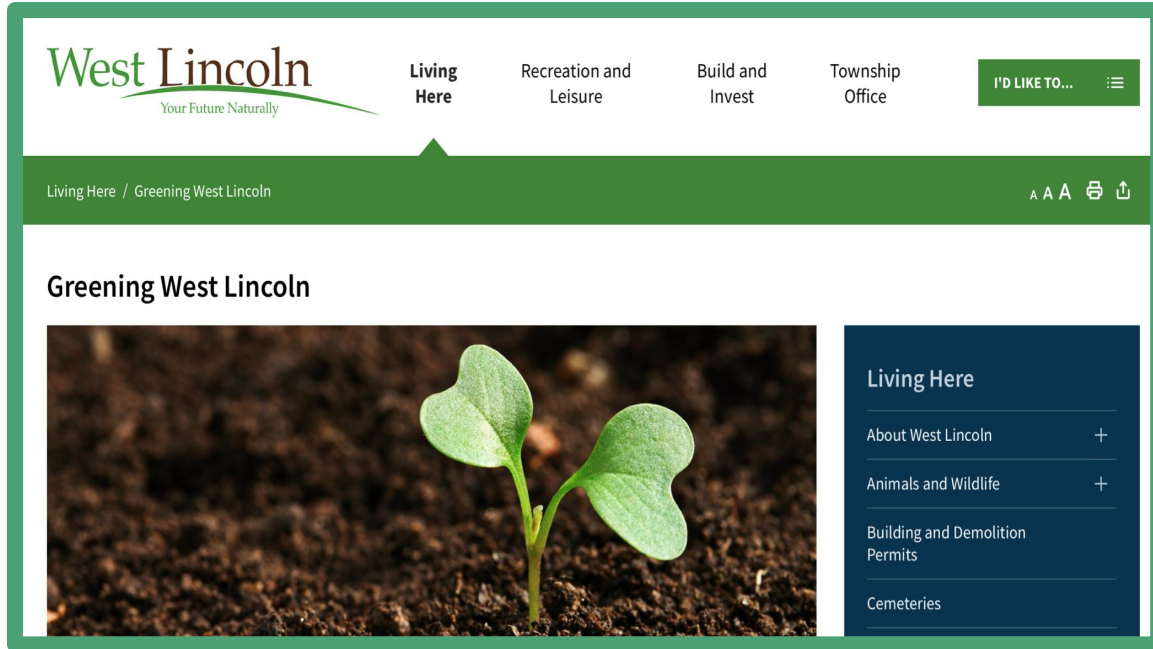
905-788-3135 | extension 274

Cell. 905-714-5127

smcpherson@npca.ca

<http://www.npca.ca>

How will this proposal fit with West Lincoln's Growth Plan?



- Planting trees helps to stop climate change & mitigate CO₂, which is one of West Lincoln's goals.
- Canadians & Ontarians have some of the world's highest per capita emissions- we need a significant change in the way we live.
- Many citizens globally see climate change as a significant problem, and are willing to support a green recovery.
- West Lincoln is hoping to achieve a 5% reduction in GHG by 2031, we can help achieve this goal.

Who Would do the Planting?

Having a professional company select and plant the trees ensures a higher rate of success.

RURAL TREE PLANTING PROGRAM



Successful first week of
our tree planting season!



Barry Porter

**Stewardship Director
Land Care Niagara
barry.porter@landcareniagara.com
905-348-5263**

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Land Care Niagara



LAND CARE NIAGARA

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Tree Planting

Two programs offered to increase the native biodiversity and resilience of Niagara's trees; Rural Tree Planting Program to increase woodland habitat and our Urban 'Re-leaf Tree Program to increase the urban canopy of our cities.



Species At Risk

A "*species at risk*" is any naturally-occurring plant or animal in danger of extinction or of disappearing from the province. Find out more on the species at risk in Niagara and what you can do to help.



Woodworking For Nature

In today's world youth rarely get the opportunity to work hands on with tools, wood and their own creativity. This program enables youth to connect these skills by creating habitat structures for wildlife.



Sponsorship Opportunities

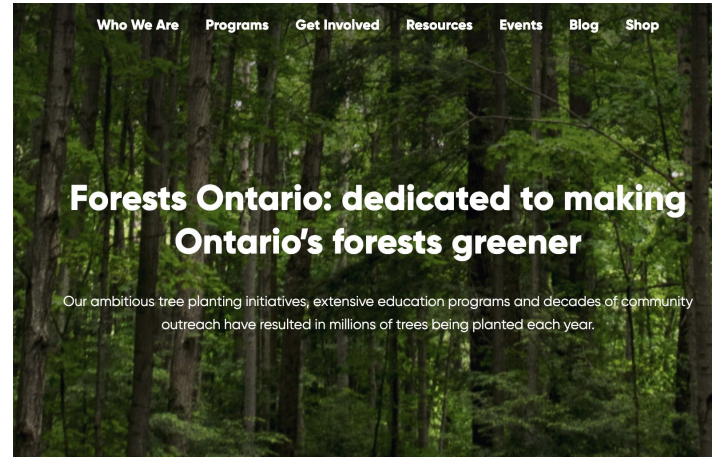
Land Care Niagara is a not-for-profit organization run by donations and successful funding grants. The majority of LCN activities require additional funding from individuals, foundations, private business and corporations.



What Sort of Maintenance is Required?

"The more the landowner puts into caring for the trees the better the outcome is likely to be.

Depending on what resources the landowner has, the landowner would prepare the site through either chemical control of vegetation, mowing, tilling, establishing cover crops, planting into a fallow field, or a combination of techniques. Once the trees are in the ground, landowners who have the ability to mow should do so 2-3 times a year. Rows can be planted to accommodate the width of a mower. The minimum spacing between rows is typically 8 ft. The same applies to watering, if the landowner has the ability to do this, then that is fantastic. Most people don't have this ability."



Hayley Murray

Forestry Operations Coordinator

Forests Ontario/Forest Recovery Canada

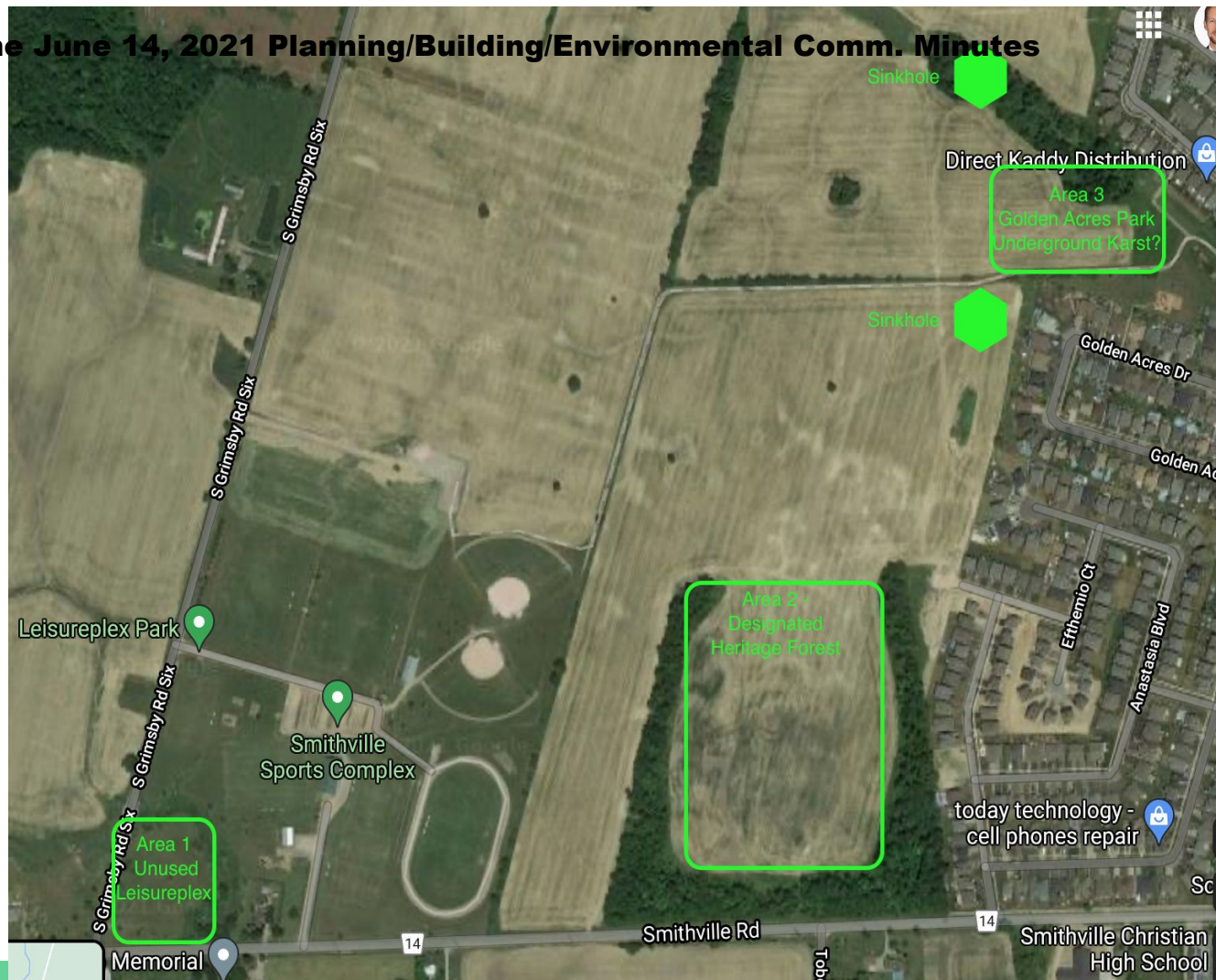
hmurray@forestsontario.ca

www.forestsontario.ca

Where Could The

Forest be Planted?

- Walking Distance of Smithville Christian High School
- Minimum 0.5ha (500 trees) to qualify for grants
- Maximize ecological impact



Site 1 - SW Leisureplex

- Town land
- Contact with waterway
- Underutilized



Site 2 - Horseshoe Forest

- Deforested in 2007
- Private land
- Largest of the 3 sites
- Surrounded by existing forest
- Close proximity to residential and school areas



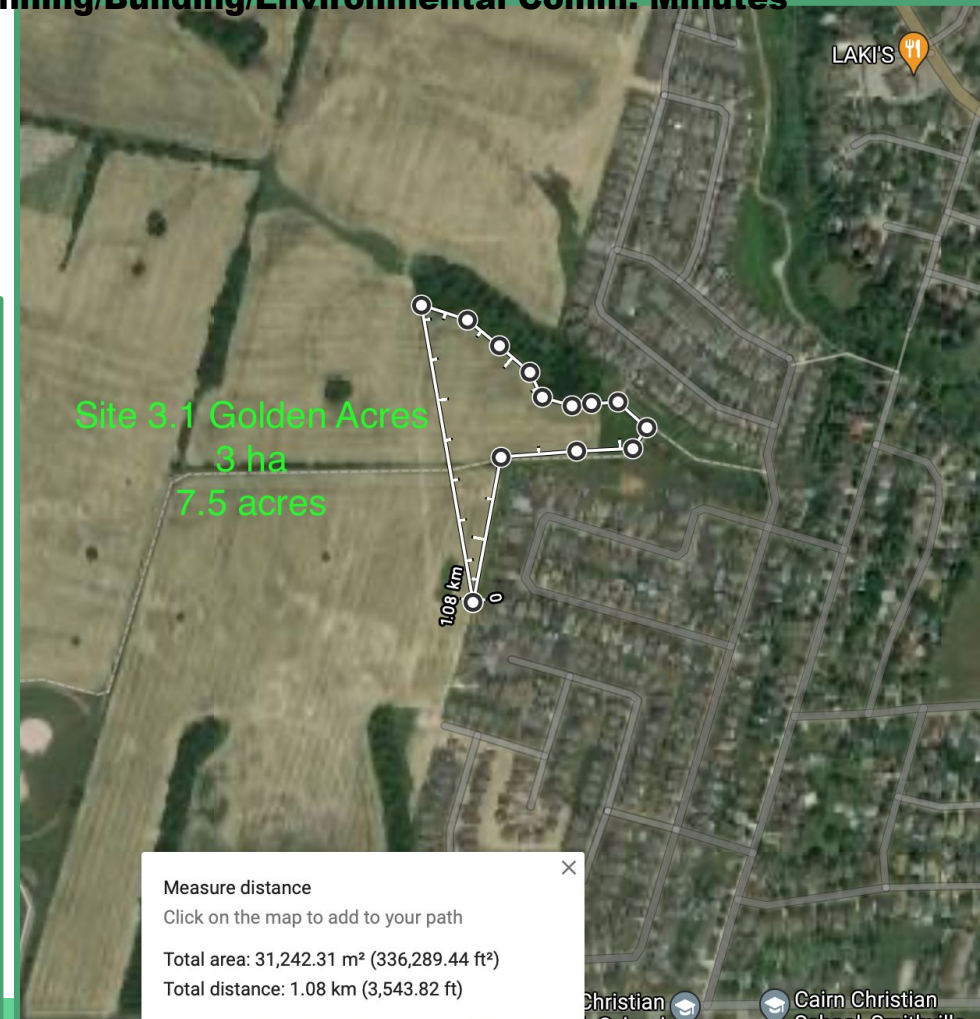
Site 3 - Golden Acres

- Meets size requirements
- Close proximity to forest
- Close proximity to waterway
- Town land



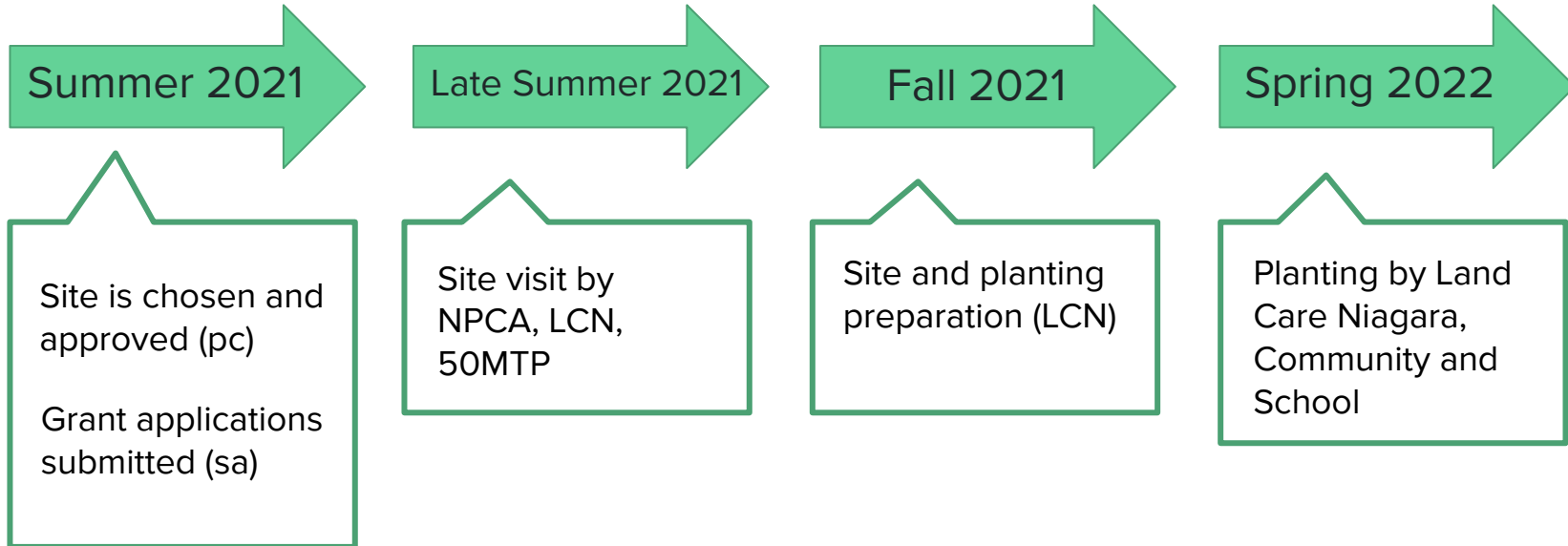
Other Options

- Including the sinkholes
- Partial reforestation of site 1



Timeline

- Process begins upon site choice and approval by planning council
- Approval could be made in stages (ie. site 1 approved 2021, site 2 pending...)



There has never been a more urgent need to revive damaged ecosystems than now.

Ecosystems support all life on Earth. The healthier our ecosystems are, the healthier the planet - and its people. The UN Decade on Ecosystem Restoration aims to prevent, halt and reverse the degradation of ecosystems on every continent and in every ocean. It can help to end poverty, combat climate change and prevent a mass extinction. It will only succeed if everyone plays a part.



An Invitation for Discussion

Thank you for the invitation to present our proposal. Our team is happy to answer any questions or arrange a site visit at any time.

Scott Antonides - Science Teacher

santonides@smithvillechristian.ca

Cell - (905) 359-8384