



## **The Regional Municipality of Durham**

### **Durham Environmental Advisory Committee Agenda**

Thursday, September 17, 2020

7:00 PM

Council Chambers  
Regional Municipality of Durham Headquarters  
605 Rossland Road East, Whitby

In an effort to help mitigate the spread of COVID-19, and to generally comply with the directions from the Government of Ontario, **it is requested in the strongest terms that Members participate in the meeting electronically.** Regional Headquarters is closed to the public, all members of the public may view the Committee meeting via live streaming, instead of attending the meeting in person. If you wish to register as a delegate regarding an agenda item, you may register in advance of the meeting by noon on the day prior to the meeting by emailing [delegations@durham.ca](mailto:delegations@durham.ca) and will be provided with the details to delegate electronically.

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1. **Roll Call**
2. **Approval of Agenda**
3. **Declarations of Interest**
4. **Adoption of Minutes**
  - A) DEAC meeting of June 18<sup>th</sup>, 2020 ([Attachment 1](#))
5. **Presentation (30 minutes)**
  - A) Durham's Soil and Groundwater Assessment Protocol, Ashley Yearwood, Project Planner
6. **Items for Discussion/Input (30 minutes)**
  - A) Update from Climate Change Resiliency Guide Subcommittee
  - B) New membership update
  - C) Terms of Reference update, re: student and youth members ([Attachment 2](#))
  - D) Green bin pickup concerns around COVID-19 (Geoff Carpentier)

If this information is required in accessible format, please contact 1-800-372-1102 ext. 2549

**7. For Information (10 minutes)**

- A) [2020-P-19](#) – Review of the Region of Durham’s Soil and Groundwater Assessment Protocol (**Attachment 3**)
- B) [2020-INFO-79](#) – Update on Single Use Plastics Policies in the Regional Municipality of Durham (**Attachment 4**)
- C) [2020-INFO-80](#) – Anaerobic Digestion Facility (**Attachment 5**)
- D) [2020-INFO-75](#) – Continuous Improvement Fund (CIF) Blue Box Lid and Litter Audit Pilot Project (**Attachment 6**)
- E) [2020-INFO-76](#) – The Regional Municipality of Durham’s Evolving Integrated Waste Management System (**Attachment 7**)
- F) [News Release](#), re: Durham’s single-use plastics display receives the Municipal Waste Association P&E Silver Award (**Attachment 8**)
- G) [2020-INFO-74](#) – Waste Management Annual Report (**Attachment 9**)
- H) [2020-P-13](#) – Region of Durham Woodland Conservation and Management By-law (**Attachment 10**)

**8. Other Business (10 minutes)**

**9. Date of Next Meeting**

Thursday, October 15<sup>th</sup>, 2020

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Written information (either paper or electronic) that you send to Durham Regional Council or Committees, including home address, phone numbers and email addresses, will become part of the public record. This also includes oral submissions at meetings. If you have any questions about the collection of information, please contact the Regional Clerk/Director of Legislative Services.

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 2097.

## **The Regional Municipality of Durham**

### **MINUTES**

#### **DURHAM ENVIRONMENTAL ADVISORY COMMITTEE**

**June 18, 2020**

A regular meeting of the Durham Environmental Advisory Committee was held on Thursday, June 18, 2020 in Council Chambers, Regional Municipality of Durham Headquarters, 605 Rossland Road East, Whitby at 7:06 PM. In accordance with Provincial legislation, electronic participation was permitted for this meeting.

#### **1. Roll Call**

Present: G. Carpentier, Scugog, Chair  
O. Chaudhry, Pickering  
G. Layton, Oshawa  
K. Lui, Member at Large, First Vice-Chair  
K. Murray, Member at Large  
B. Shipp, Member at Large  
D. Stathopoulos, Member at Large  
M. Thompson, Ajax  
D. Upadhyay, Youth Member  
S. Yamada, Regional Councillor, Town of Whitby  
**\*all members of the committee participated electronically**

Absent: S. Clearwater, Whitby  
J. Cuthbertson, Clarington, Second Vice-Chair  
R. Dickinson, Brock  
C. Duffy, Post-Secondary Member  
B. Foxton, Uxbridge  
D. Sallans, Member at Large

#### **Staff**

Present: R. Inacio, Systems Support Specialist, Corporate Services – IT  
M. Kawalec, Program Coordinator, Climate Change, CAO Office  
A. Luqman, Project Planner, Planning & Economic Development Department  
L. Malyjasiak, Works Technician 3, Waste Services, Works Department  
I. McVey, Manager of Sustainability, CAO Office  
S. Penak, Committee Clerk, Corporate Services – Legislative Services  
A. Porteous, Supervisor, Waste Services, Works Department  
N. Prasad, Committee Clerk, Corporate Services – Legislative Services

#### **2. Approval of Agenda**

Moved by O. Chaudhry, Seconded by D. Stathopoulos,  
That the agenda for the June 18, 2020 DEAC meeting, as  
presented, be approved.

CARRIED

**3. Declarations of Interest**

There were no declarations of interest.

**4. Adoption of Minutes**

Moved by O. Chaudhry, Seconded by D. Stathopoulos,  
That the minutes of the regular DEAC meeting held on Thursday,  
March 12, 2020, be adopted.

CARRIED

**5. Presentations**

A) Durham Region Long-Term Waste Management Plan – Angela Porteous,  
Supervisor, Waste Services

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Angela Porteous, Supervisor, Waste Services, provided a PowerPoint presentation regarding the Durham Region Long-Term Waste Management Plan. She stated that Durham Region adopted its first Long-Term Waste Management Strategy in 1999 and in spring 2019, staff was directed by Regional Council to begin working on a new Long-Term Waste Management Plan for 2021 to 2040.

Highlights from the presentation included:

- Durham's New Long-Term Waste Management Plan
- Durham Waste Management History
- Waste Management Vision 2021-2040
- Plan Development Timeline
- Guiding Principles
- Early Consultation
- Current & Future Challenges Identified by Region and Local Staffs
- Policy
- Programs
- Promotion and Education
- Vision & Objectives
- Next Steps

A. Porteous requested that the Committee provide feedback through a survey with regards to key issues and considerations to the Long-Term Waste Management Plan. The link to the survey was provided to Committee members subsequent to the meeting.

A. Porteous responded to questions from the Committee regarding when styrofoam and single-use plastics would be accepted into the recycling stream; whether we are encouraging manufacturers to use less packaging as

well as managing what they use now; and how will the Region monitor whether the strategy is being implemented or not.

**6. Items for Discussion/Input**

**A) LEAF Backyard Tree Planting Program, Ian McVey, Manager of Sustainability, Region of Durham, and Janet McKay, Executive Director, LEAF**

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Janet McKay, Executive Director, LEAF, provided a PowerPoint presentation regarding the LEAF Backyard Tree Planting Program.

Highlights from her presentation included:

- Backyard Tree Planting Program
- Keys to Success
- Building Lasting Relationships (Education, Follow-Up, Repeat Clients)
- Promoting the Program

J. McKay advised that the LEAF Program will be launched on July 14, 2020 in some municipalities. She stated that the program is already offered in the Town of Ajax, and that the City of Pickering, the City of Oshawa, the Town of Whitby, and the Township of Scugog will be next. She also advised that the program was successful in receiving the Trillium Grow Grant. She advised that the grant will allow more work to be completed in the Region of Durham and will allow other community engagement activities to be offered along with the LEAF Backyard Tree Planting Program.

I. McVey added that the LEAF Backyard Tree Planting Program would be a good program to incorporate into the Climate Change Resiliency Homeowners Guide.

The Committee suggested that J. McKay reach out to the local environmental committees at the municipal level as well as the local nature clubs to help promote the program.

J. McKay responded to questions from Committee regarding the cost of the DIY option of the backyard tree planting; and whether consideration has been made to partnering with local schools.

At the request of the Committee, A. Luqman advised that she would email the LEAF Program PowerPoint to the Committee members.

G. Carpentier advised that he would compile the contact information of the presidents of the local nature clubs and forward it to A. Luqman to provide to J. McKay, as a way of promoting the program.

Members of the Committee expressed interest in receiving copies of the brochures once available and were advised to send an email to J. Taylor and I. McVey in order to facilitate that process.

B) Update from Climate Change Resiliency Homeowner's Guide Subcommittee

A. Luqman provided an update on the Climate Change Resiliency Homeowner's Guide Subcommittee. She advised that the subcommittee has been meeting virtually throughout the last three months and that quite a bit of work has been completed. She stated that the next stage will be to review the text and create a synonymous voice throughout the guide. A. Luqman advised that the subcommittee hopes to have the next stage of the Guide completed over the summer or by early Fall.

C) Update from Environmental Awards Subcommittee

G. Layton advised that due to COVID-19, the 2020 Environmental Awards will be deferred until the Spring or Fall of 2021.

D) Update on the Bee Pollinator Spring Seedling Distribution Project

D. Upadhyay advised that due to COVID-19, the Bee Pollinator Spring Seedling Distribution Project has been put on hold until next year (2021).

E) Impact of COVID-19 on Environment and Climate Change

A copy of Walk Softly – Positive Outcomes in Troubled Times authored by Geoff Carpentier, was received as Attachment #2 to the agenda.

G. Carpentier offered his perspective on how COVID-19 has impacted the environment, and that there have been positive aspects of the pandemic. He stated that every little action does make a difference, which has helped the environment in some regard.

**7. For Information**

A) Commissioner's Report #2020-INFO-35 – 2019 Annual Drinking Water Quality Report

A copy of Report #2020-INFO-35 of the Commissioner of Works was received as Attachment #3 to the agenda.

B) Commissioner's Report #2020-INFO-37 – Durham York Energy Centre Emergency Amendment to Environmental Compliance Approval

A copy of Report #2020-INFO-37 of the Commissioner of Works was received as Attachment #4 to the agenda.

C) Commissioner's Report #2020-INFO-32 – Monitoring of Land Division  
Committee Decisions of the February 10, 2020 Meeting

A copy of Report #2020-INFO-32 of the Commissioner of Planning & Economic Development was received as Attachment #5 to the agenda.

D) Commissioner's Report #2020-INFO-28 – Carruthers Creek Watershed Plan  
Update, Impact of COVID-19 Pandemic on Public Consultation

A copy of Report #2020-INFO-28 of the Commissioner of Planning & Economic Development was received as Attachment #6 to the agenda.

E) Commissioner's Report #2020-INFO-26 – Long-Term Waste Management  
Plan 2021-2040 Development Schedule

A copy of Report #2020-INFO-26 of the Commissioner of Works was received as Attachment #7 to the agenda.

F) Commissioner's Report #2020-INFO-29 – Durham Regional Cycling Plan  
(RCP) Update – Project Status Summary

A copy of Report #2020-INFO-29 of the Commissioner of Planning & Economic Development was received as Attachment #8 to the agenda.

G) Memorandum from E. Baxter-Trahair, Chief Administrative Office – Durham  
Home Energy Savings Program (D-HESP)

A copy of the memorandum from E. Baxter-Trahair, Chief Administrative Office, regarding the Durham Home Energy Savings Program (D-HESP) was received as Attachment #9 to the agenda.

Moved by O. Chaudhry, Seconded by D. Upadhyay,  
That Information Items 7A) to 7G) inclusive, be received for  
information.

CARRIED

**8. Other Business**

A) Community Re-Opening Toolkit

A. Luqman advised that the community re-opening toolkit is available on the Region of Durham website and that she can email the link to any interested members.

B) City of Oshawa's Draft Greenhouse Gas Reduction Plan

A. Luqman advised that the City of Oshawa will be holding a virtual meeting on their draft greenhouse gas reduction plan and that she will email the details to the committee.

C) DEAC Youth Membership

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D. Upadhyay requested clarification regarding when his role as a youth member comes to an end and what happens once he has graduated high school. Staff advised that they would look into this and get back to him directly.

**9. Next Meeting**

The next regular meeting of the Durham Environmental Advisory Committee will be held on Thursday, September 17, 2020 starting at 7:00 PM in Boardroom 1-B, Level 1, 605 Rossland Road East, Whitby.

**10. Adjournment**

Moved by K. Murray, Seconded by D. Upadhyay,  
That the meeting be adjourned.

CARRIED

The meeting adjourned at 8:05 PM

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G. Carpentier, Chair, Durham  
Environmental Advisory Committee

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S. Penak, Committee Clerk





## **Durham Environmental Advisory Committee (DEAC)**

### **Terms of Reference**

Revised March 2020

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#### **1. Goal**

- 1.1 To provide advice to the Region of Durham on environmental impacts of planning matters, as expressed in the Durham Regional Official Plan.

#### **2. Mandate**

- 2.1 The Durham Environmental Advisory Committee (DEAC) is a volunteer Advisory Committee established by Regional Council in accordance with these Terms of Reference. Committee members are guided by these Terms of Reference.
- 2.2 The Terms of Reference provide for a balance between activities referred from the Planning and Economic Development Department or the Planning and Economic Development Committee and a provision for DEAC to be proactive and advise on matters identified on its own initiative.
- 2.3 Environmental matters may be referred to the DEAC from the Regional Planning and Economic Development Department or the Planning and Economic Development Committee. DEAC shall report directly to the Regional Planning and Economic Development Committee and/or Regional Planning and Economic Development Department, as appropriate.

#### **3. Scope of Activities**

- 3.1 The scope of the DEAC may include activities such as:
  - a) providing advice on environmental policy directions pursued by the Region. This may include providing advice on official plan amendments related to environmental policies or providing advice on Regional environmental policies through an Official Plan review process;
  - b) providing advice in the identification and implementation of new or existing programs, approaches or policies relating to the protection, sustainability and enhancement of natural resources and systems within the Region in co-operation with other organizations where appropriate. This may include investigating conservation easements, land trusts, tree planting, environmental stewardship, new provincial directions and funding grants;

- c) providing advice in identifying and implementing community outreach activities which support the growth of environmental awareness and appreciation in Durham Region in co-operation with other organizations where appropriate. This may include recommending and assisting with educational workshops or homeowner guides which can be used by the public in areas such as tree cutting, fertilizer use, erosion control and general enhancement of the environment;
- d) providing advice on Regional environmental data in co-operation with other organizations where appropriate;
- e) providing advice on the state of environmental resources such as water resources and natural heritage features such as wetlands, forests, and wildlife within Durham Region in co-operation with other organizations where appropriate;
- f) appointing a member of DEAC to participate on steering committees for environmental impact studies related to Regional Official Plan Amendment applications. In accordance with the Region's approved EIS Guideline, a DEAC representative would participate in Regionally co-ordinated EIS's and peer reviews; and
- g) at the request of the Planning and Economic Development Committee or the Regional Planning and Economic Development Department, provide advice on miscellaneous matters as they arise.

#### **4. Composition**

- 4.1 The DEAC will be comprised of seventeen members in total. Thirteen of which will be citizen members, one of which will be a Post-Secondary Student member, two of which will be youth members, plus one member of the Planning and Economic Development Committee. The thirteen citizen members, one Post-Secondary Student member and two youth members shall not hold elected office (municipal, provincial or federal). All members are regarded as private citizens and do not represent their respective employers or advocacy group in their capacity as a DEAC member.
- 4.2 Membership for citizen members shall correspond with the term of Regional Council. At the end of each term, citizen members will be asked to consider their interest in remaining for an additional term. If a member chooses to resign, the Region will seek a replacement in accordance with Section 5. However, citizen members shall continue to serve until their replacements are appointed by Regional Council. At the discretion of the DEAC, non-attendance of three consecutive meetings will be sufficient grounds for replacement.
- 4.3 Membership for Post-Secondary Student members shall be up to a 4-year term, generally corresponding with the length of their college or university program.

- 4.4 Membership for youth members shall be up to a 2-year term, generally corresponding with the school year.
- 4.5 DEAC will strive to maintain a high level of relevant technical expertise and competence in environmental issues within its membership.

## **5. Membership Selection**

- 5.1 For the selection of citizen members, the Regional Planning and Economic Development Department may place a newspaper advertisement within each area municipality requesting expressions of interest from individuals willing to volunteer for appointment to the DEAC. Interested individuals will be required to provide a brief resume and statement of interest. Responses from qualified candidates will be forwarded to the respective area municipality with a request that the local Council nominate one representative. Regional Planning and Economic Development staff, from the remaining resumes received, will nominate a sufficient number of members at large in order to bring the citizen membership to thirteen. All members of the DEAC will be appointed by the Planning and Economic Development Committee.
- 5.2 Regional Council shall appoint a representative and an alternate to DEAC from the members of the Planning and Economic Development Committee.
- 5.3 In nominating citizen members to the DEAC, regard shall be given to the aim of achieving a combination of technical experts and community representatives with knowledge of environmental and land use planning matters. Regard shall also be given to residency within the Region and availability to attend meetings. An elaboration of the selection criteria is provided in Appendix 1, Section A, of the Terms of Reference. The nomination of members at large will help to achieve the desire of a diverse and balanced DEAC. All residents of Durham Region are eligible for membership.
- 5.4 In the case of a citizen member vacancy, the approach described in Sections 5.1 and 5.2 will generally be followed.
- 5.5 For the selection of Post-Secondary Student members, the Regional Planning and Economic Development Department shall contact the College/Universities in the Region of Durham, and request that students be notified about the opportunity to volunteer with DEAC. Advertisements may be placed in the school newspapers/websites. Students willing to volunteer for DEAC shall submit a letter of interest, outlining their knowledge about the environment. Regional Planning and Economic Development staff will nominate one Post-Secondary Student member from the responses received. Post-Secondary Student members will be appointed by the Planning and Economic Development Committee and Council.

- 5.6 In selecting Post-Secondary Student members, members must be enrolled full-time in a College or University program and express an interest in environmental matters. Consideration shall be given to the individual's interests, level of participation and knowledge of environmental issues in Durham Region and the planning process. The relevance of their interests to the mandate of DEAC will be an important consideration. Regard shall also be given to residency within Durham Region for the school year and availability to attend meetings. An elaboration of the selection criteria is provided in Appendix 1, Section B of the Terms of Reference.
- 5.7 In the case of a Post-Secondary Student member vacancy, the approach described in Section 5.5 and 5.6 will generally be followed.
- 5.8 For the selection of youth members, the Regional Planning and Economic Development Department shall contact the secondary schools in the Region of Durham, and request that students be notified about the opportunity to volunteer with DEAC. Students willing to volunteer for DEAC shall submit a letter of interest, outlining their knowledge about the environment. Regional Planning and Economic Development staff will nominate two youth members from the responses received. Youth members will be appointed by the Planning and Economic Development Committee and Council.
- 5.9 In selecting youth members, consideration shall be given to ensure representation from both the urban and rural communities. An elaboration of the selection criteria is provided in Appendix 1, Section C of the Terms of Reference.
- 5.10 In the case of a youth member vacancy, the approach described in Section 5.8 and 5.9 will generally be followed.
- 6. Officers**
- 6.1 A chair and two vice-chairs (first and second) will be elected annually by the membership of the DEAC. The Planning and Economic Development Committee representative will chair the inaugural DEAC meeting.
- 6.2 Post-Secondary Student members and youth members are not eligible to sit as chair or vice-chair.
- 7. Support Services**
- 7.1 The Commissioner of Planning and Economic Development or designate shall serve as staff liaison to the DEAC. The liaison will provide administrative, procedural and technical support to the DEAC.
- 7.2 The liaison will co-ordinate all requests for advice from the DEAC, through meeting agendas and addenda to meeting agendas. DEAC responses to such

requests shall be co-ordinated by the liaison to the Planning and Economic Development Department or the Planning and Economic Development Committee.

- 7.3 The Region will provide secretarial and other support services. Regional Council will provide a budget to cover the operational expenses of the DEAC, and this budget will be administered by the Planning and Economic Development Committee.

## **8. Meetings**

- 8.1 Regularly scheduled meetings of DEAC will be held at the Durham Regional Headquarters. The DEAC, will establish a meeting schedule taking into account the business needs and the schedule of Council and the Planning and Economic Development Committee. The Planning and Economic Development Committee will be provided with a schedule of DEAC meetings each December for the following year. Special meetings may be held at the call of the Chair. The Planning and Economic Development Committee is to be kept informed of such meetings.
- 8.2 Unless otherwise determined, all meetings will be open to the public. As a formal advisory Committee to the Region, the DEAC is subject to the Regional Procedural By-law, unless otherwise specified in the Terms of Reference.
- 8.3 A quorum for a DEAC meeting shall consist of a majority of the sitting DEAC members.

## **9. Delegations of Committee Meetings**

- 9.1 Any person(s) wishing to appear before the DEAC as a delegate must submit a request to [delegations@durham.ca](mailto:delegations@durham.ca), advising of the topic or item to which they wish to speak, which will then be forwarded to the staff liaison in the Regional Planning and Economic Development Department. All requests for delegations must be received at least one week prior to the meeting to ensure that the delegation is included on the agenda. Any person wishing to address the DEAC as a delegate, who has not previously arranged to do so, may be granted permission to do so only by Committee resolution.

## **10. Minutes and Agenda**

- 10.1 The minutes of each DEAC meeting will be approved at the following meeting. The unapproved minutes will be circulated to members of Council as part of the Council Information Package (CIP) by the Clerk. The DEAC agendas will be prepared by the staff liaison and the DEAC chair or vice-chair with input from other DEAC members. As the first item of business at every meeting, the Committee shall approve its agenda.

**11. Committee Resolutions**

- 11.1 The DEAC will seek to achieve consensus on decisions. Recommendations are “carried” if supported by a majority. Only resolutions as they appear in the adopted Minutes may be considered as officially representing the position of the DEAC.

**12. Annual Reports and Workplan**

- 12.1 An annual report summarizing the activities completed in the previous year shall be prepared by the DEAC. The annual report shall be forwarded to the Planning and Economic Development Committee.
- 12.2 An annual workplan with an estimate of the resources necessary and any suggested revisions to the Terms of Reference for the coming year shall also be prepared by the DEAC for consideration and approval by the Planning and Economic Development Committee and Council. To avoid duplication, the DEAC shall ensure that the workplan is co-ordinated with other environmental initiatives in the Region.
- 12.3 An annual review of the DEAC by the Planning and Economic Development Committee will be completed to examine the effectiveness of the Committee and to ensure continued improvements.

## **Appendix 1**

### **A. Citizen Membership Eligibility Criteria**

To facilitate the nomination and appointment of new citizen members to the DEAC, the following criteria will be considered. The aim is to achieve a diverse committee with a combination of technical experts and community representatives.

1. Residency

Members should reside in Durham Region.

2. Technical Expertise

A high level of technical expertise is required within the Committee. Applicants with academic qualifications and/or work experience in environmentally-related disciplines will be an important consideration.

3. Community Representatives

Consideration shall be given to the individual's level of participation and knowledge of environmental issues and the planning process. The relevance of their interests to the mandate of DEAC will be an important consideration.

4. Availability

It is important that an applicant be able to attend as many DEAC meetings as possible and undertake work outside of the regular monthly meetings. An applicant should be able to be contacted or reached during the day in order for meetings to be arranged.

### **B. Post-Secondary Student Membership Eligibility Criteria**

To facilitate the nomination and appointment of new Post-Secondary Student members to the DEAC, the following criteria will be considered.

1. Residency

Members should reside in Durham Region for the school year.

2. Education

Members must be enrolled full-time in a College or University program and express an interest in environmental matters.

Consideration shall be given to the individual's interests, level of participation and knowledge of environmental issues in Durham Region and the planning process.

The relevance of their interests to the mandate of DEAC will be an important consideration.

3. Availability

It is important that an applicant be able to attend as many DEAC meetings as possible and undertake work outside of the regular monthly meetings. An applicant should be able to be contacted or reached during the day in order for meetings to be arranged.

**C. Youth Membership Eligibility Criteria**

To facilitate the nomination and appointment of new youth members to the DEAC, the following criteria will be considered.

1. Residency

Youth members should reside in Durham Region.

2. Education

Youth members must be enrolled in Grade 11 or 12 and express an interest in environmental matters.

3. Availability

It is important that an applicant be able to attend as many DEAC meetings as possible. An applicant should be able to be contacted or reached during the day in order for meetings to be arranged.

4. Letter of Reference/Support

Applicants for youth membership must include a letter of reference from their school and a letter of parental/guardian support with their expression of interest.