



King's-Edgehill School

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community
PLANNING & CONSULTING

Agrivoltaic Planning Application

West Hants Regional Municipality
Public Information Meeting Presentation

February 5th, 2025





King's-Edgehill School



Established:
1788

135 employees





King's-Edgehill School



- Oldest school in the Commonwealth outside of Britain
- IB and Nova Scotia curriculum
- 90 acres
- 380 students
- 190 in Residence
- 190 Day Students
- 27 staff live on site
- Grades 6-12
- 29 different nations
- 100% university acceptance
- 8:1 student teacher ratio
- Centres for Learning Differences and ELL

Four Pillar Programme: Academics – Arts – Athletics - Service







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King's-Edgehill School

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We have Provincial certification



Canada's First Independent School, Founded 1788



King's-Edgehill School

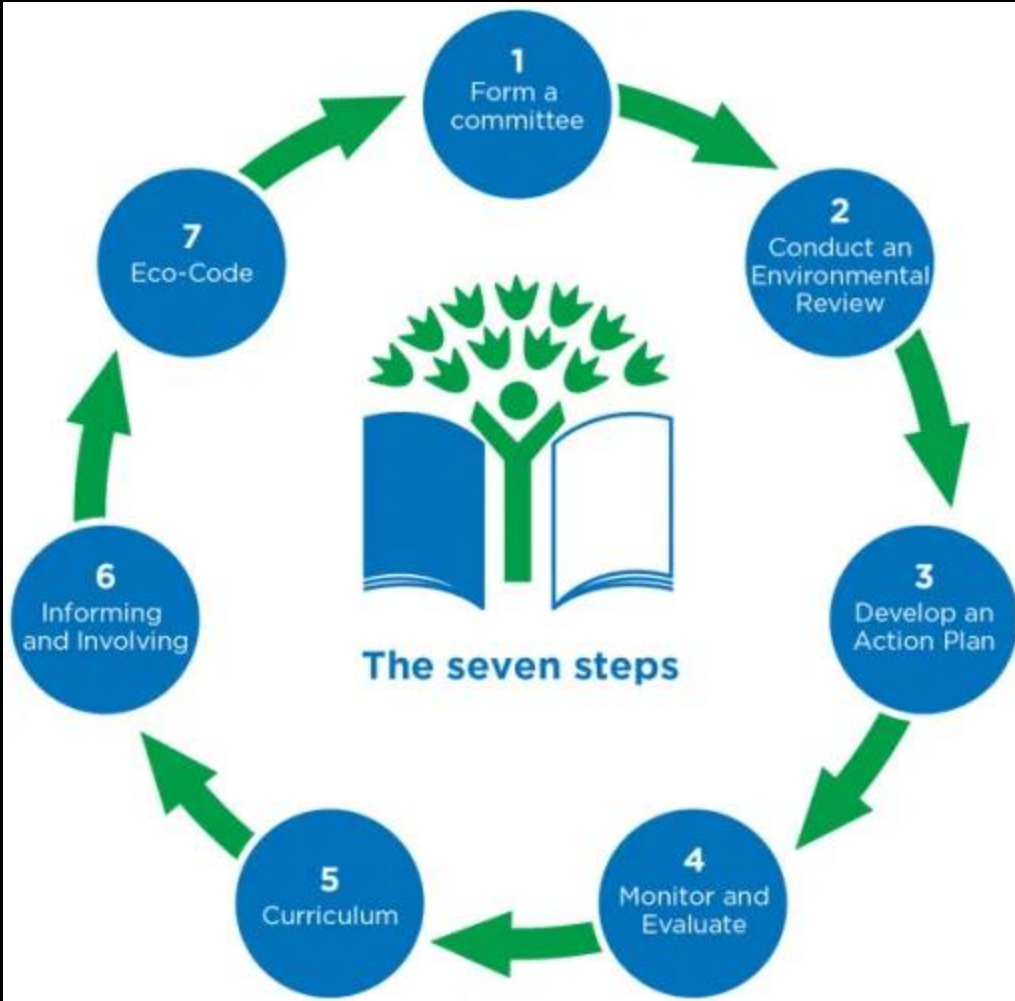


National Certification





King's-Edgehill School



International Standard World Eco-School





King's-Edgehill School

We do a lot:

“Idle free” campus, composting, recycling, water conservation, energy conservation, Student Eco-Team, Earth Day...

but...!





King's-Edgehill School

290,000 litres of heating oil annually.



Agrivoltaics

Part 1

Keeping the farm
in the solar farm







King's-Edgehill School

Location of proposed agrivoltaics.





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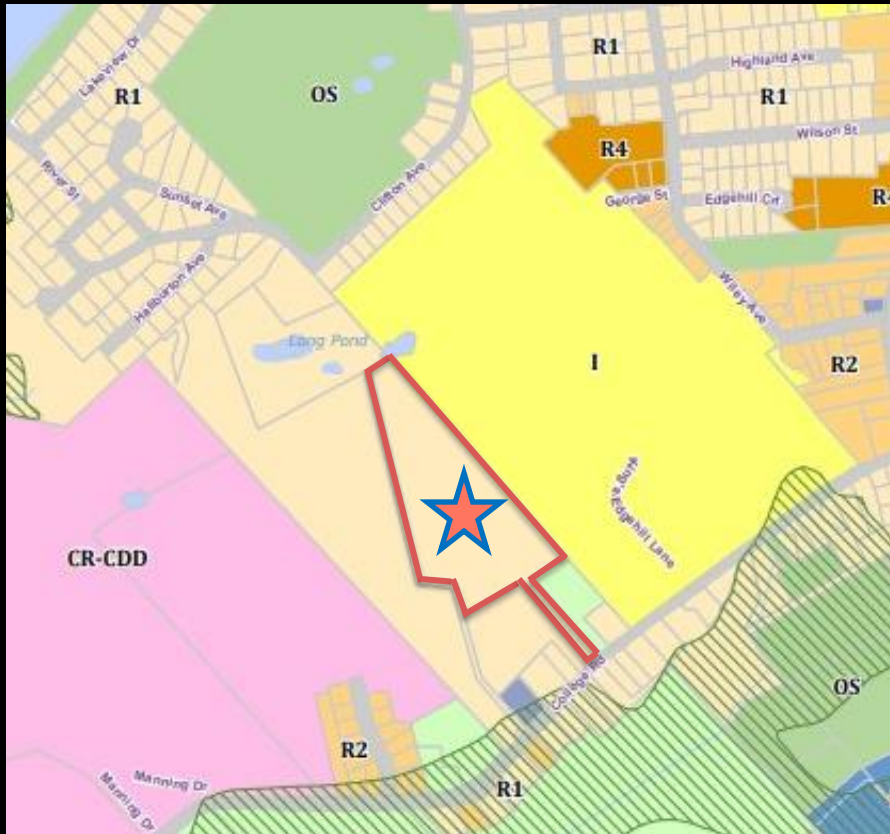




King's-Edgehill School



Site Description



| | |
|--------------------|--|
| PID | 45405784 |
| Lot Area | 464,350 sq ft (10.66 acres) |
| Owner | King's-Edgehill School |
| Designation | Residential (R) |
| Zone | R1 (Single Unit Residential) |
| Surrounding | KES Campus, Dill Farms, Single-family homes, Open Space and vacant lots. |



King's-Edgehill School

Site Condition & Current Use



- **Topography:** Gentle slope, grassy terrain.
- **Current Use:** Local farmer grows hay and pumpkins.





Proposed Use

Agrivoltaics System:

The dual use of land for solar energy production and agriculture.





King's-Edgehill School

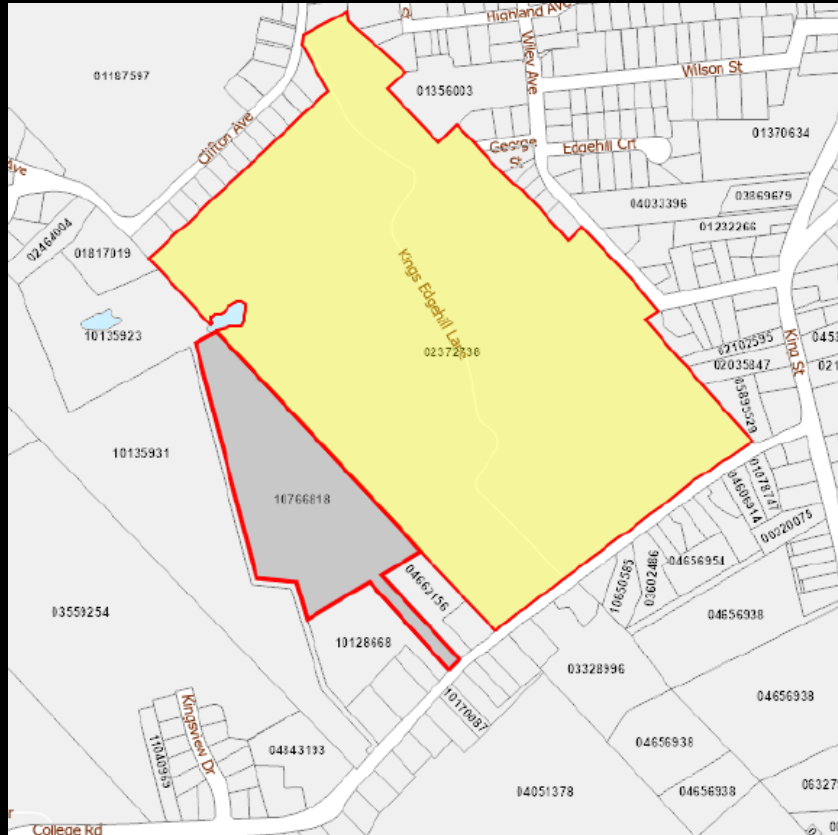
Agrivoltaics Definition

Agrivoltaics System means a structure or array of structures, and ancillary equipment, designed to integrate agricultural activities with the generation of renewable energy through solar panels. Without restricting the generality of this definition, an agrivoltaics system may include elevated photovoltaic panels, dual-use solar arrays, structures designed to optimize crop growth beneath or around them, and associated equipment for energy conversion and distribution, but does not include standalone solar panels used solely for non-agricultural purposes.





Planning Application Request



Lot Rezoning:

- Single unit residential (R-1) to Institutional (I).

Land Use By-law Amendment: Permit agrivoltaics as an accessory use for institutional zones.



Impacts and Considerations



- **Traffic**
- **Aesthetics**
- **Noise / Odour / Dust**
- **Infrastructure**
- **Adjacent uses**
- **Neighbours informed**



King's-Edgehill School

Benefits Summary

- **Project:** KES sustainability goals (food and energy).
- **Support:** 2021 NS Environmental Goals & Climate Change Reduction Act (50% GHG reduction by 2030).
- **Community:** Garden plots, Food Bank donations and Harvest House.





King's-Edgehill School



THANK YOU

For any questions, please contact:

Lauren Isabelle

lauren@brighterplanning.ca