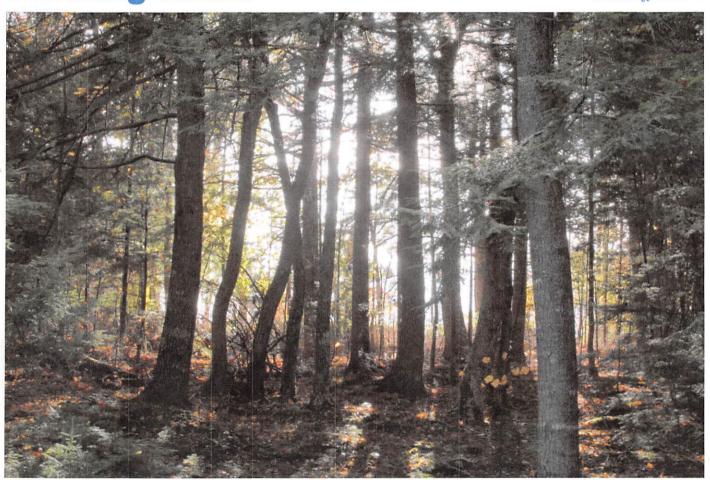
APPENDIX K

Sandy Lake - Sackville River Regional Park

Planning vision

January, 2020



Jan Sance M. Arch, Ancill. 24 Servicel Terrana supplies Art Salv SAL2 cwill(902)229-0468

SYDRA LAND DEVELOPMEN



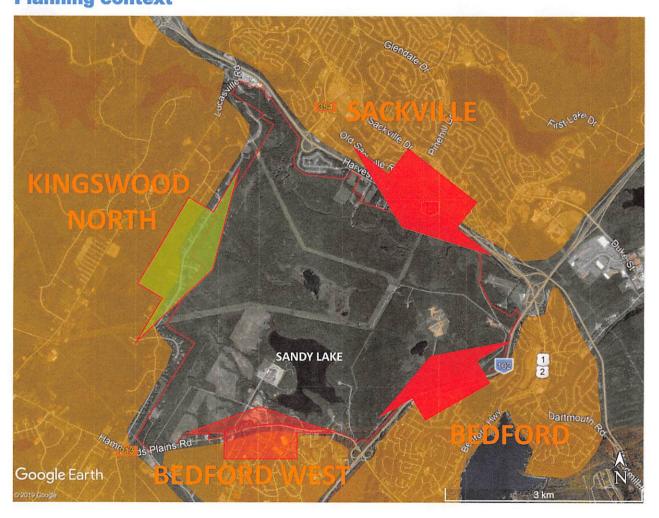
General location of the Sandy Lake – Sackville River Regional Park



General location of Sandy Lake – Sackville River Regional Park

Sandy Lake – Sackville River Regional Park is located between Highway 101, Highway 102 and Hammonds Plains Road. This area includes undeveloped land between Sandy Lake and Sackville River. Convenient access to this area from the adjacent communities is restricted by the existing highway system.





Context of Sandy Lake – Sackville River Regional Park to the surrounding communities



Surrounding residential communities



Access to the Regional Park area from Kingswood North Community



Restricted public access from Sackville and Bedford Community

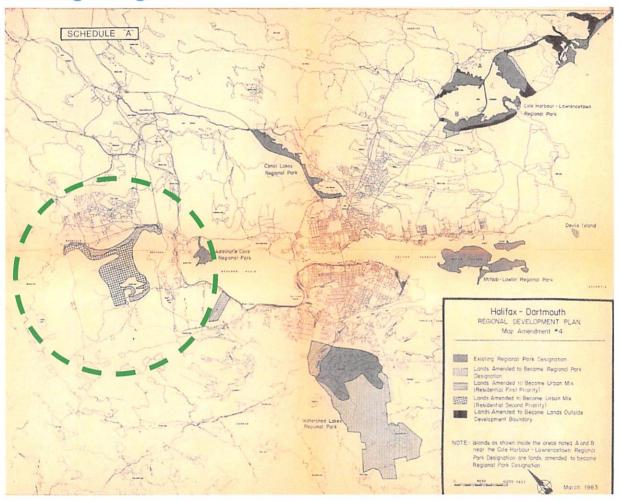


Limited access to the Regional Park area from Bedford West Community

Sandy Lake – Sackville River Regional Park area is directly adjacent to Bedford, Sackville and Bedford West Communities. Direct public access to the Park area is restricted and limited by highway system and major roads. Only Kingswood North community has relatively easy direct contact with the Park area.



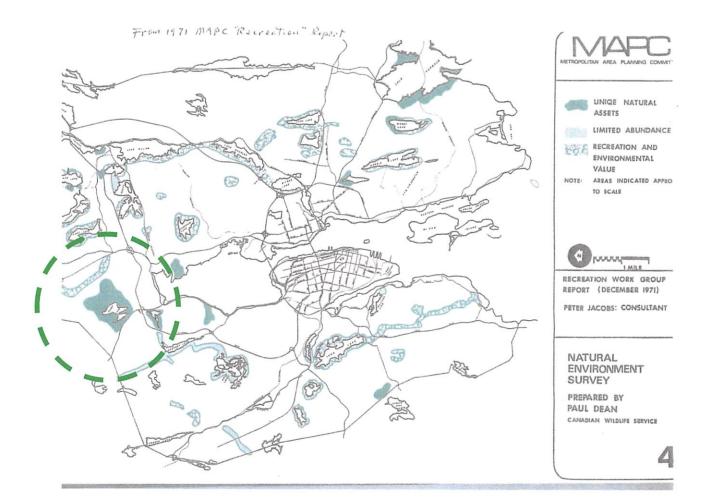
Planning background



Planning documents supporting creation and location of Sandy Lake - Sackville River Regional Park



General location of Sandy Lake – Sackville River Regional Park

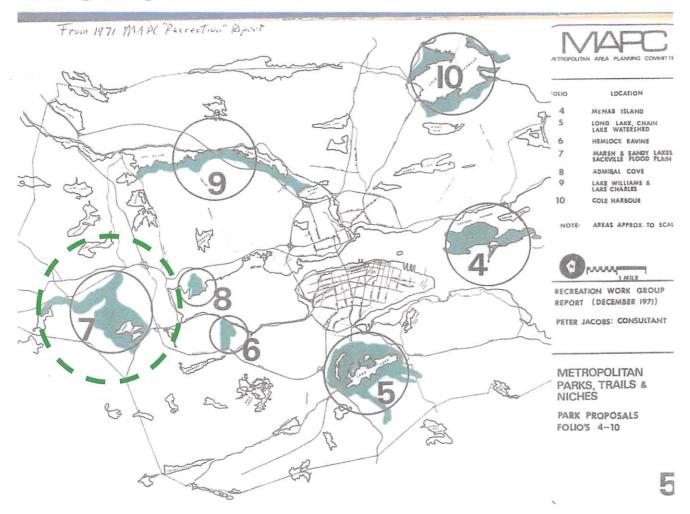


Planning documents supporting creation and location of Sandy Lake - Sackville River Regional Park



General location of Sandy Lake – Sackville River Regional Park

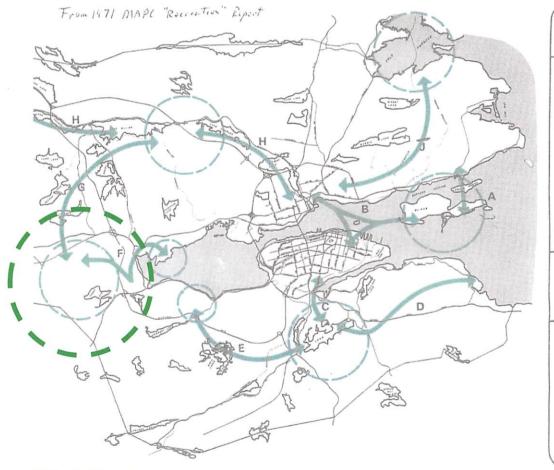
AND SERVICE AND SECURITY OF THE SERVICE AND SECURITY OF THE SE



Planning documents supporting creation and location of Sandy Lake - Sackville River Regional Park



General location of Sandy Lake – Sackville River Regional Park





MODE & LOCATION

PERRY SERVICE

BICYCLE LINK

WALKING TRAIL

WALKING TRAIL AROL

BICYCLE LINK

WALKING TRAIL

WATER TRAIL TO SAY

RAIL LINK TO COLE



RECREATION WORK GROUI REPORT (DECEMBER 1971)

PETER JACOBS: CONSULTAN

METROPOLITAN PARKS, TRAILS & **NICHES**

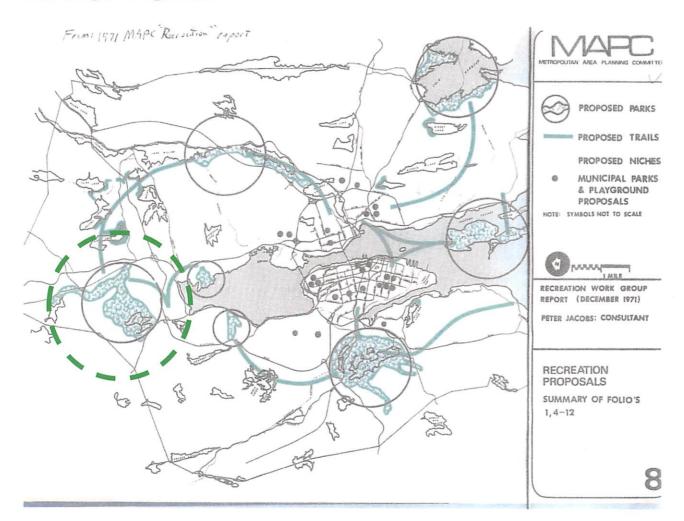
TRAIL PROPOSALS FOLIO 11



Planning documents supporting creation and location of Sandy Lake -Sackville River Regional Park



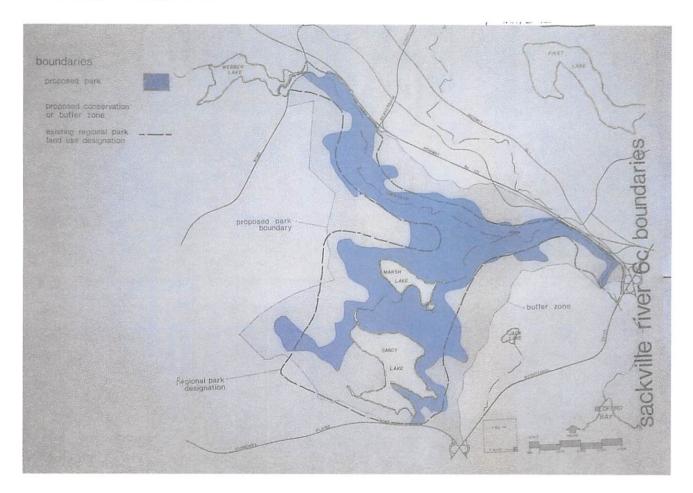
General location of Sandy Lake -Sackville River Regional Park

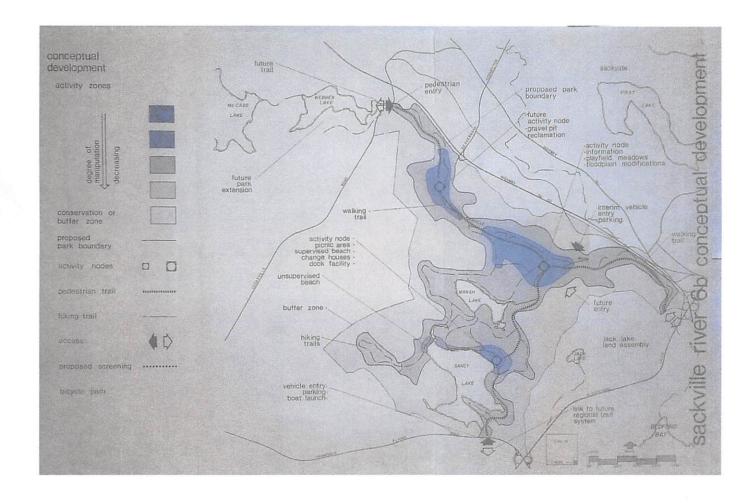


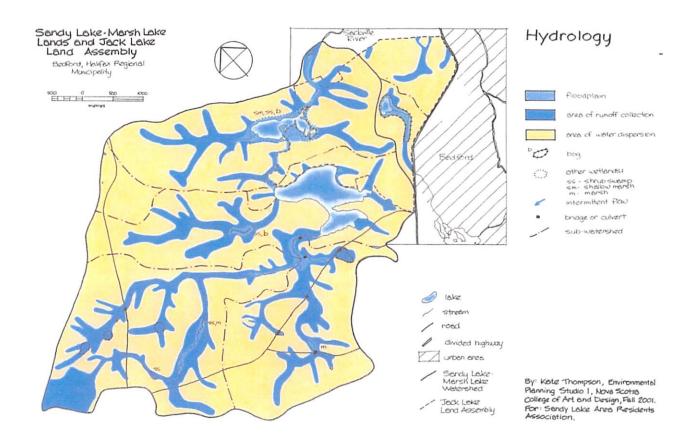
Planning documents supporting creation and location of Sandy Lake - Sackville River Regional Park



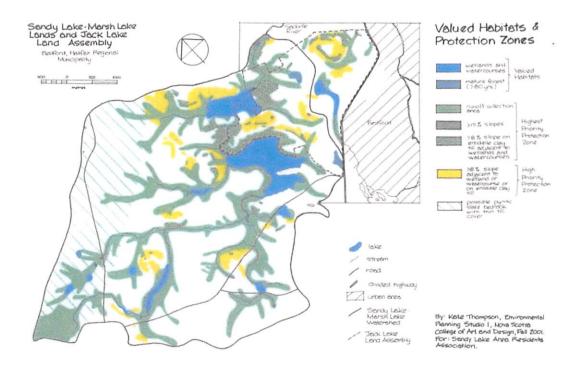
General location of Sandy Lake – Sackville River Regional Park



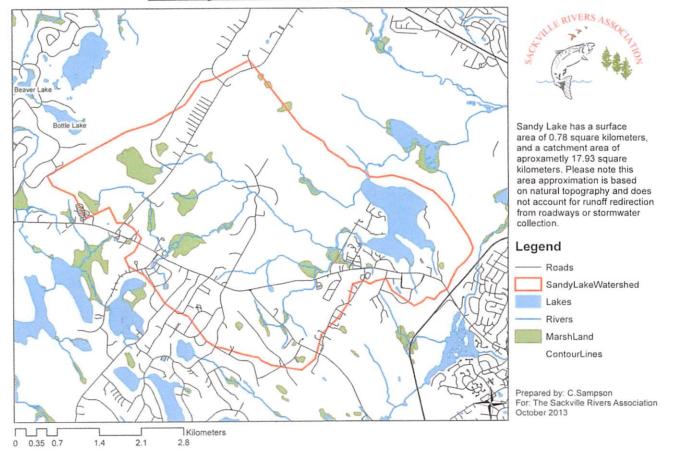




2001 NSCAD Environmental Inventory Sandy Lake, March Lake, Juck Lake



Sandy Lake Catchment Area



Planning documents supporting creation and location of Sandy Lake -Sackville River Regional Park

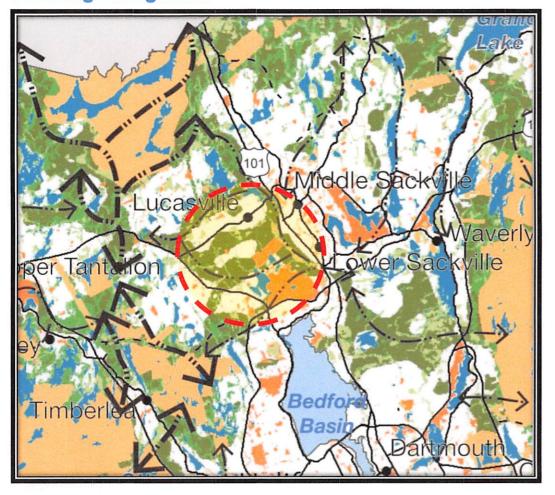
Jan Skins M. Arts, McDr. JAF

18 fement fremse
seuter in 18 18 Au

Jan 20 Au

Jan 20 Au

SKORA LAND DEYELOPMENT
COMMARKE

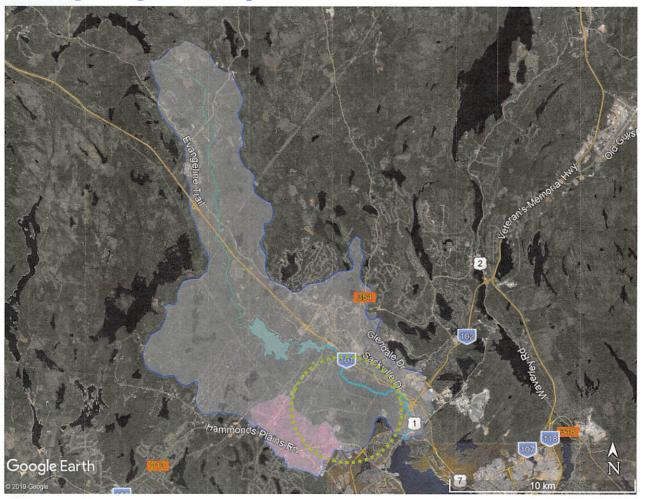


Planning documents supporting creation and location of Sandy Lake - Sackville River Regional Park



Halifax Green Network Plan recommendations for Sandy Lake – Sackville River Regional Park area

Planning background analyses



Location of Sandy Lake – Sackville River Regional Park within Sackville River watershed



General area of Sandy Lake – Sackville River Regional Park



Boundary of the Sackville River watershed

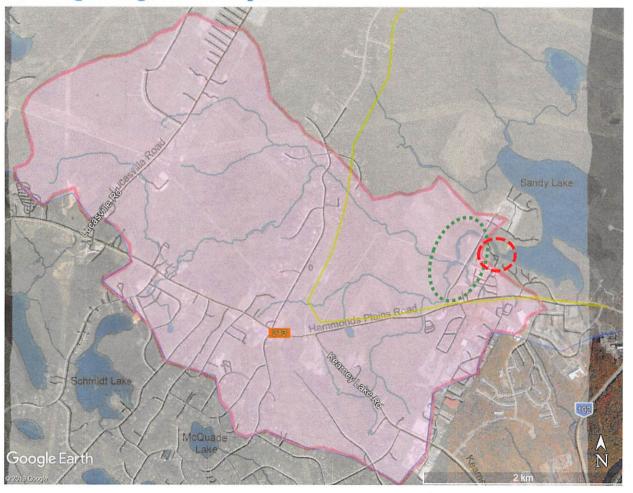


Boundary of the Johnson Brook

Almost entire area of Sandy Lake – Sackville River Regional Park area is located within the Sackville River watershed. The Johnson Brook watershed which is part of this watershed discharges directly to Sandy Lake. A large portion of this sub-watershed is developed and the remaining undeveloped area can be also developed in the near future. This may create a significant impacted on water quality discharging to Sandy Lake. As a result this will have a significant impact on the Lake water quality and overall environmental and ecological sustainability of Sandy Lake- Sackville River Regional Park.



Planning background analyses



Johnson Brook sub-watershed discharging to Sandy Lake of Sandy Lake – Sackville River Regional Park



Suitable land for Sandy Lake – Sackville River Regional Park



Boundary of the Johnson Brook watershed



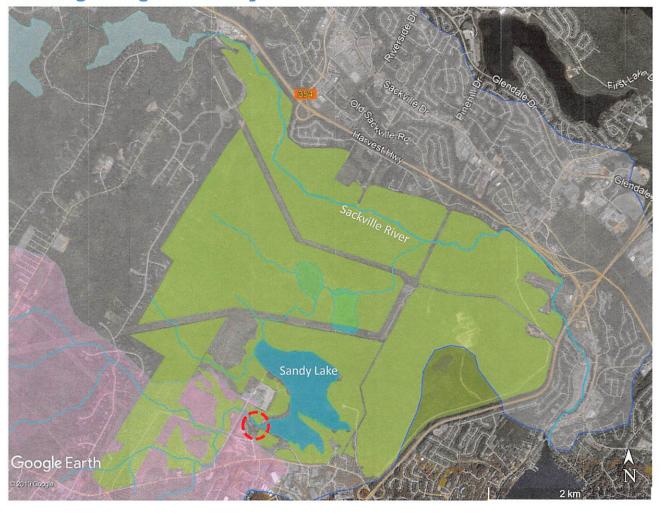
Discharge point of Johnson Brook to Sandy Lake



Proposed area for Johnson Brook water treatment

The most significant impact on water quality of Sandy Lake is Johnson Brook watershed. Good portion of this watershed is already developed or can be potentially developed in the near future. Proper protection of all watercourses within this sub-watershed as well as treatment of water before discharge is the only way to protect water quality of Sandy Lake.

Planning background analyses



Existing undisturbed vegetation and forest cover in area of the Sandy Lake –Sackville River Regional Park



Existing undisturbed vegetation and forest cover in area of the Sandy Lake –Sackville River Regional Park



Johnson Brook watershed



Discharge point of Johnson Brook to Sandy Lake



Major watercourses

Existing vegetation and forest cover play a key role in determining recreation and environmental values of the Park. Protection and proper management of vegetation on public land as well as private properties play a key role in protection of water quality within the Park area. Protection of vegetation within Johnson Brook watershed is particularly important and will have the most significant impact on the Park.

Jan Navada, Arm, NCP, JPP

At Amend Treits

molifie AC 82 AV

ST 20 AV

ST 2

Planning background analyses



Environmentally sensitive areas in area of Sandy Lake – Sackville River Regional Park



Area of significant environmental value



Major watercourses



Area of significant environmental degradation and erosion



Critical area for protection of Sandy Lake water quality



Major freshwater recreation area of the Regional Park

There are several areas which require special attention in the Park. All require special assessment and need to be addressed in the future land management plan for the Park area.



Planning background analyses



Present primary recreation destinations in area of Sandy Lake - Sackville River Regional Park



Current recreation areas within Sandy Lake – Sackville River Regional Park



Current recreation corridors within Sandy Lake – Sackville River Regional Park

Due to limited public access opportunities to the Park area recreation use of the Park is relatively limited. The recreation destinations are concentrated around the Sandy Lake beach, deforested area in the central part of the Park as well as viewing area located in the East part of the Park. Existing power line corridors with service roads provide nature trail opportunities. Limited management of this infrastructure may lead to erosion of recreation and ecological features of this Park.

Detail Ann. NO. (JP Internal Parks)
An No. 2019 192
(NO.125 OHB
AND STATE OHB
AND STAT



Adjustments to Sandy Lake - Sackville River Regional Park boundary



Proposed boundary of Sandy Lake – Sackville River Regional Park 2020



Proposed boundary of Sandy Lake – Sackville River Regional Park 2019



Proposed boundary of Sandy Lake – Sackville River Regional Park 2015

The main reason to modify boundary of Sandy Lake — Sackville River Regional Park is to protect unique undisturbed forest and biological ecosystem located within publicly inaccessible portion of DND property as well as improve opportunities for water quality outflow from Johnson Brook watershed to Sandy Lake. From public perspective both areas may not have a direct impact on the Park functional operation however will play an essential role supporting key asset of the Park.

Planning vision



Recommended boundary of Sandy Lake - Sackville River Regional Park on existing land tpography



Proposed boundary of Sandy Lake-Sackville River Regional Park



Existing topography in area of the Park



Sackville River

The proposed boundary of the Sandy Lake — Sackville River Regional Park will include all still available and important land required to protect critical environmental components of the Park. The proposed boundary will also include land required to establish proper public access opportunities to the Park.



Planning vision



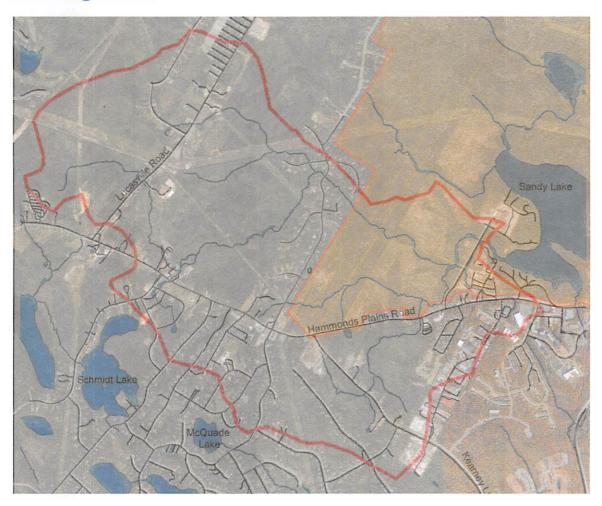
Recommended boundary of Sandy Lake - Sackville River Regional Park in community context



Proposed boundary of Sandy Lake – Sackville River Regional Park

Land development in area of the recommended boundary of Sandy Lake – Sackville River Regional Park.





Interaction of Johnson Brook sub-watershed with Sandy Lake – Sackville River Regional Park



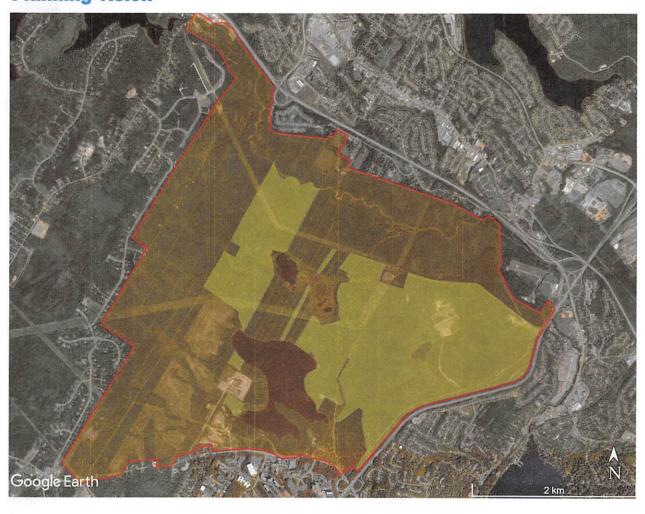
Recommended boundary of Sandy Lake – Sackville River Regional Park



Boundary of the Johnson Brook watershed

Majority of Johnson Brook watershed is located outside of the proposed boundary of Sandy Lake- Sackville River Regional Park and has potential for development. It is possible that the future development may compromise quality of runoff. This may have a negative impact on water quality of Sandy Lake and the remaining section of the waterway leading to Sackville River. Proper management of land uses in this portion of Johnson Brook watershed is critical to protect Sandy Lake water quality and recreation values in the Park.





Municipal land ownership in area of Sandy Lake – Sackville River Regional Park



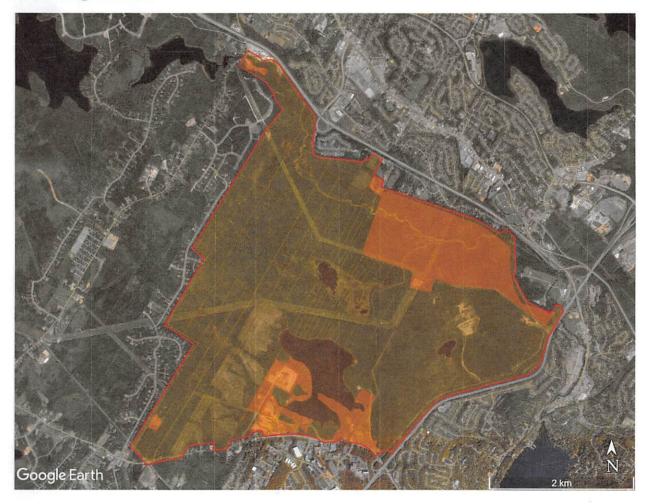
Sandy Lake – Sackville River Regional Park boundary



Municipal Land ownership

Municipal land in area of the Sandy Lake – Sackville River. The land has limited or no access to public streets.





Restricted public access in Sandy Lake – Sackville River Regional Park



Proposed boundary of Sandy Lake – Sackville River Regional Park



Restricted public access area within the Park

The currently restricted public access areas can be made accessible for public in the future or remain inaccessible. Proper land use regulations need to be implemented to fulfill the overall goals of the Regional Park. For the benefit of the surrounding communities residents and the park performance, cooperation of the identified parcels land owners is necessary.





Existing and future trails and access points to Sandy Lake – Sackville River Regional Park



Proposed boundary of Sandy Lake – Sackville River Regional Park



Primary trail system within the Park



Secondary trail system within the Park



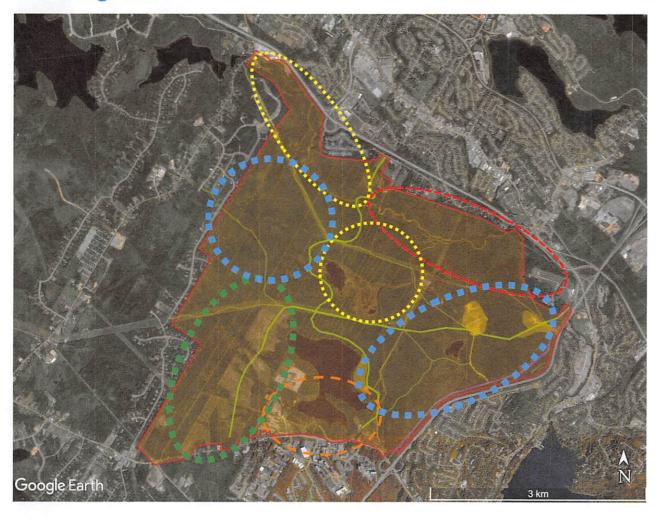
Primary access point to the Park



Secondary access point to the Park

The proposed trails alignment is based on site topography, recreational and environmental values, preferred recreation destinations. These trails also provide opportunities for connection with trail and transportation system external to the Park. The primary and secondary entrance points to the Park are located in places with a convenient connection to public road system.





General location of functional areas in Sandy Lake – Sackville River Regional Park



Proposed boundary of Sandy Lake – Sackville River Regional Park

Functional areas of the Park



Area recommended for active recreation uses with enhanced protection of watercourses and water discharge to Sandy Lake



Area recommended for passive recreation uses With limited grade alteration and vegetation removal



Area recommended for environmental protection with limited passive recreation uses



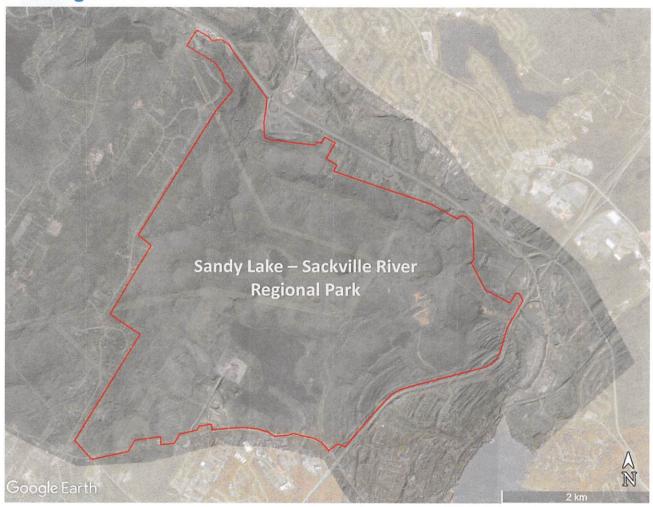
Area of full environmental protection and restricted for public access



Transition area from current uses to uses more compatible with the Park objectives

Functional Areas represent general location of land use within the Park. These areas will interact with each other and will be subject to more detail analyses. The boundaries can be modified to respond to recreation trends and needs. Existing character, recreation and ecological values need to be retained and improve with proper protection of the existing waterways and vegetation.



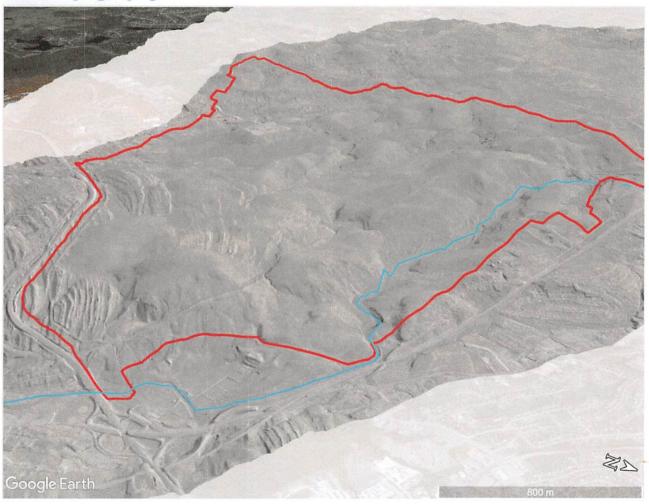


Recommended boundary of Sandy Lake – Sackville River Regional Park



Recommended boundary of Sandy Lake – Sackville River Regional Park

Land topography



Recommended boundary of Sandy Lake – Sackville River Regional Park



Recommended boundary of Sandy Lake – Sackville River Regional Park







Recommended boundary of Sandy Lake – Sackville River Regional Park



Recommended boundary of Sandy Lake – Sackville River Regional Park



Land topography



Recommended boundary of Sandy Lake – Sackville River Regional Park



Recommended boundary of Sandy Lake – Sackville River Regional Park





Recommended boundary of Sandy Lake – Sackville River Regional Park



Recommended boundary of Sandy Lake – Sackville River Regional Park



Sandy Lake – Sackville River Regional Park Land topography



Recommended boundary of Sandy Lake – Sackville River Regional Park , area of Bedford access



Recommended boundary of Sandy Lake – Sackville River Regional Park



Land topography



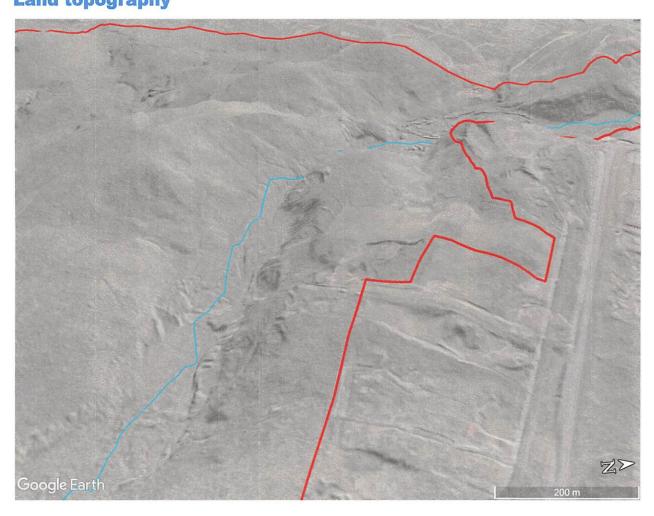
Recommended boundary of Sandy Lake – Sackville River Regional Park, area of Hammonds Plains Road access



Recommended boundary of Sandy Lake – Sackville River Regional Park



Sandy Lake - Sackville River Regional Park Land topography



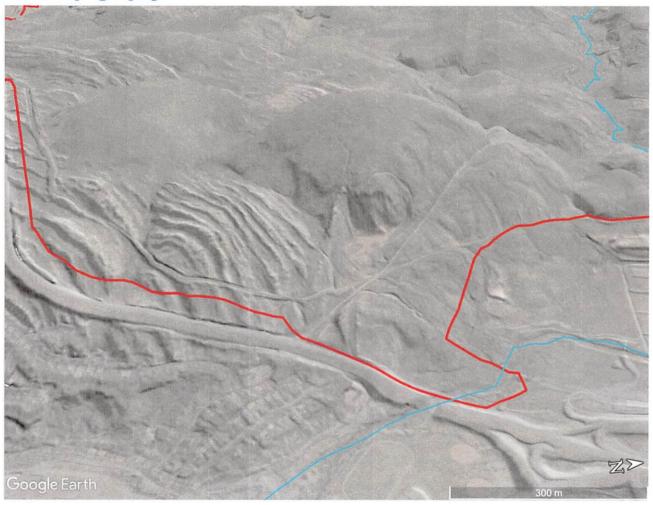
Recommended boundary of Sandy Lake – Sackville River Regional Park, area of Sackville access



Recommended boundary of Sandy Lake – Sackville River Regional Park



Land topography



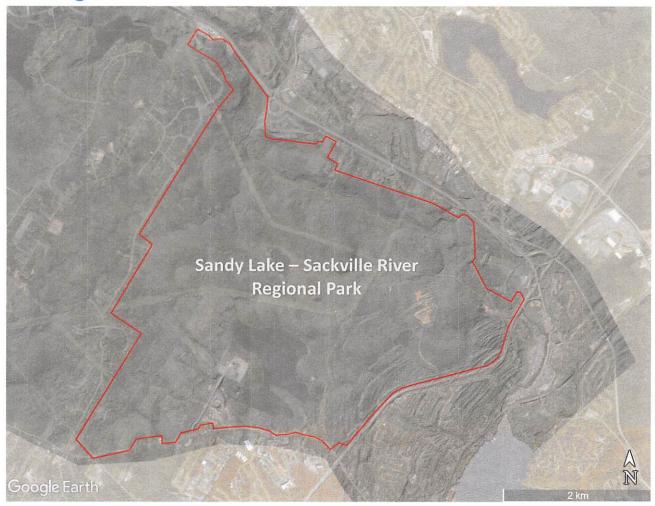
Recommended boundary of Sandy Lake – Sackville River Regional Park, area of Sackville access



Proposed boundary of Sandy Lake – Sackville River Regional Park



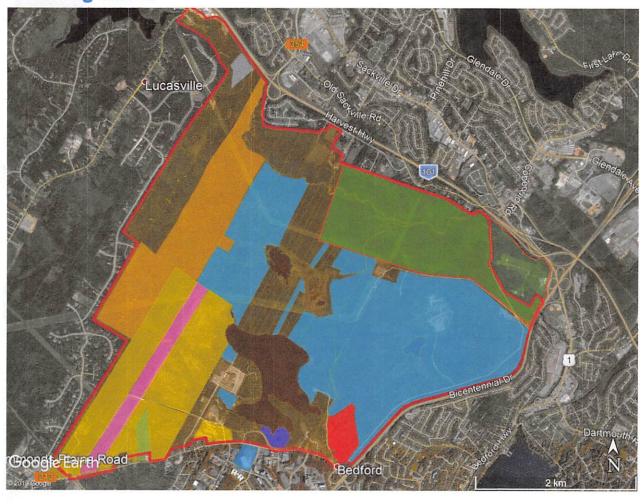
Planning vision



Recommended boundary of Sandy Lake – Sackville River Regional Park



Proposed boundary of Sandy Lake – Sackville River Regional Park



Land ownership in area of Sandy Lake – Sackville River Regional Park

