



Land Securement Strategy

2022-2032

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Land Acknowledgment

The Niagara Peninsula watershed is situated within the traditional territory of the Haudenosaunee, Attiwonderonk (Neutral), and the Anishinaabeg, including the Mississaugas of the Credit—many of whom continue to live and work here today. This territory is covered by the Upper Canada Treaties: Niagara Purchase (Treaty No. 381), Between the Lakes Purchase (Treaty No. 3), and the Simcoe Patent or Haldimand Tract (Treaty No. 4) and is within the land protected by the Dish with One Spoon Wampum agreement. Today, the watershed is home to First Nations, Métis, and Inuit.

Through the 2021-2031 Strategic Plan and this land securement strategy, the NPCA is committed to improving engagement with local Indigenous peoples by implementing actions that support reconciliation and shared stewardship of the Niagara Peninsula watershed.

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Executive Summary

The conservation of greenspace has been used to improve environmental conditions, protect and improve biodiversity, promote outdoor activities and active lifestyles, increase social interaction and exchange, and provide healthy conditions for good physical and mental well-being. Since many areas containing such important natural features and functions are found on private property, working with landowners is important in the long-term protection of these lands.

This Land Securement Strategy is intended to complement other land and water conservation programs operated by the Niagara Peninsula Conservation Authority (NPCA) with a cost-effective approach. It expands on the NPCA's existing conservation area network while protecting delicate habitats and natural hydrologic and hydrogeologic functions.

The NPCA has secured the most land in the watershed compared to land trusts and other land conservation organizations working in the region; however, it falls significantly behind the land securement achievements of its two neighbouring conservation authorities. This strategy will outline a path for the NPCA to increase land securement effectively and notably within the watershed.

Criteria used to determine the areas within the watershed worthy of the NPCA securement has largely already been done by staff and by the Province in designations of certain environmental features, such as wetlands, Areas of Natural and Scientific Interest (ANSIs) and Environmentally Significant Areas (ESAs). These criteria will be of importance when considering public inquiries to convey land or conservation easements to the NPCA. The amount of land meeting the land securement criteria would be considered unwieldy to secure in any timeframe. This strategy identifies six landowner outreach areas to provide a manageable number of target areas as the focus of the landowner outreach program.

By partnering with other land securement organizations, applying for funding where possible, and launching a targeted landowner outreach program, the NPCA can expect to secure a minimum of 180 hectares within a ten-year timeframe. If implemented consistently, the NPCA could reasonably double this goal.

Introduction

Natural heritage and natural green infrastructure (e.g., forests, wetlands, rain garden, bioswales) provide critical services and benefits that sustain life for people and wildlife such as providing clean air and water, protection from flooding and erosion, as well as a source of food and habitats for wildlife species. However, there are growing pressures on the landscape due to increased urbanization, land use changes, and changing climatic conditions that continue to threaten and impact the integrity of these natural features. In addition, there is an increasing demand for access to greenspaces for the health and well-being of people. Together, these issues have highlighted the critical need to secure more natural areas to improve the environment, mitigate the impacts of climate change, and provide more opportunities for people to enjoy the outdoors.

The NPCA is one of 36 community-based natural resource management agencies in Ontario that protects, enhances, and sustains healthy watersheds. The NPCA currently owns or manages 41 conservation areas which account for approximately 2,946 hectares (or 1.2%) of lands within its watershed jurisdiction (Fig. 1). These conservation areas are held in public trust for the purpose of natural heritage protection and/or restoration (e.g., interior forests, wetlands, areas of natural and scientific interest (ANSIs)), passive recreation (e.g., hiking, birdwatching), active recreation (e.g., swimming, camping, boating), education programming, cultural heritage protection, and natural hazard protection (e.g., floodplains, valleylands, and dams). Most of these conservation lands are publicly accessible with a few exceptions in various municipalities. In addition to NPCA conservation areas, there are natural areas owned/managed by other stakeholders (e.g., municipalities, Province of Ontario, Nature Conservancy of Canada, other landowners) that help bolster natural heritage across the NPCA jurisdiction. These important natural areas support a rich biodiversity within the watershed (including rare plants and animals) and provide people with recreational, social, and economic benefits.

While the terms ‘land acquisition’ and ‘land securement’ are often used interchangeably, there are important differences. The term ‘land securement’ refers to the legal purchase of natural areas with the intent to maintain, protect, restore and/or enhance those natural features using a range of methods to facilitate permanent protection of land in perpetuity. The term ‘land acquisition’ refers to the purchase of land that may at some point be deemed a disposable asset by the public, non-profit funding partner, or land donor/seller.

The NPCA has an increasingly important role in the securement of lands for the purpose of conservation and restoration of natural areas. The *Conservation Authorities Act* (CA Act) provides guidance on the governance and purpose of conservation authorities, including the powers to “acquire by purchase, lease or otherwise any land that it may require, and, subject to subsection (2), to sell, lease or otherwise dispose of land so acquired” (Sec. 21 (1)(c)). As part of the *CA Act Regulation O. Reg 686/21*, there are only certain types of programs and services that can be provided in relation to the conservation and management of lands including (but not limited to) the development of one or more policies governing land acquisitions and land dispositions (Sec. 9 (2)(vi)).

In 2021, the NPCA completed its first 10-year strategic plan aimed at achieving its vision of ‘Nature for all’ to ensure a healthy and vibrant environment with shared greenspace and clean water that

sustains life for future generations. Through six overarching strategic priorities and twenty-one specific goals, the NPCA is committed to actions that aim to create healthy and climate-resilient watersheds, support sustainable communities, connect people to nature, strengthen relationships with partners and stakeholders, improve organizational practices, and ensure financial sustainability. Notably, the strategic plan calls for the development and implementation of a land acquisition strategy to achieve Goal 1.4: *“Manage lands to increase biodiversity, habitat connectivity, and natural cover”*. Implementing a land securement strategy will also directly support achieving Goal 3.1 *“Create equitable access to greenspace for the health and well-being of people”* as well as several other NPCA strategic goals and performance measures related to natural hazard protection, ecosystem improvements, and building relationships with partners, stakeholders, and Indigenous peoples.

Given the recent (2021) changes to the CA Act, the need to meet the Auditor General’s recommendation, and a new NPCA strategic plan, there was a clear and timely need to update the NPCA’s land securement strategy. The purpose of the Land Securement Strategy is to guide the securement of lands within the Niagara Peninsula watershed for environmental, natural hazard protection, and societal (recreation, culture, health) benefits.

To achieve the NPCA’s strategic goals, the Land Securement Strategy focuses on the following objectives:

- Secure public greenspace in the NPCA watershed using clear and concise decision-making;
- Collaborate with municipal partners, land trusts, stakeholders, and Indigenous communities on mutual land securement goals;
- Implement sustainable and innovative financial models that support land securement and stewardship

Regional Context

Since time immemorial, Indigenous peoples have been stewards of the lands within the Niagara Peninsula. It continues to be a place for sharing, trading, hunting, gathering, stewardship, and friendship. The Niagara Peninsula watershed is the traditional territory of the Haudenosaunee, Attiwonderonk (Neutral), and Anishinaabeg including the Mississaugas of the Credit. Today, the watershed is home to many First Nations peoples, Métis citizens, and Inuit.

The NPCA’s watershed jurisdiction encompasses 2,424 km² and supports a population of 474,217 people situated within the entire regional municipality of Niagara, portions of the City of Hamilton (21%), and Haldimand County (25%). NPCA’s partner municipalities will experience significant increases in human population with the watershed by 2051. For example, the City of Thorold was in the top ten Ontario municipalities for population growth at 26.7% according to Statistics Canada from 2016 to 2021. In addition, the Niagara Region is set to accommodate a minimum of 674,000 people by 2051 (Growth Plan, May 2021 Forecast).

The watershed is uniquely situated between two Great Lakes with the Niagara River and is part of the Carolinian Life Zone, which supports a rich biodiversity including rare plants and animals

and provides people with recreational, social, and economic benefits. The watershed includes noteworthy natural features such as the Niagara Escarpment, Niagara Falls, Niagara gorge, Wainfleet Bog, Ball's Falls, and Willoughby Marsh. The unique microclimate created by the Niagara Escarpment and rich soils supports one of Ontario's most productive agriculture systems including vineyards, tender fruit orchards, livestock, and various specialty crops (greenhouses for flowers, vegetables, sod farms, and mushroom farms). Despite these incredible features, the NPCA's 'Nature for Niagara's Future' study indicates that the watershed only achieves 56% of the minimum natural cover target (30%) required to sustain a healthy and resilient landscape.

To date, NPCA has secured 41 properties totalling almost 3,000 hectares as shown in Table 1. NPCA's secured lands constitute 1.22% of the total watershed. All other land securement organizations have secured about 1,000 additional hectares or 0.42% land in the watershed. The combined secured land in the watershed is almost 4,000 hectares (1.64%).

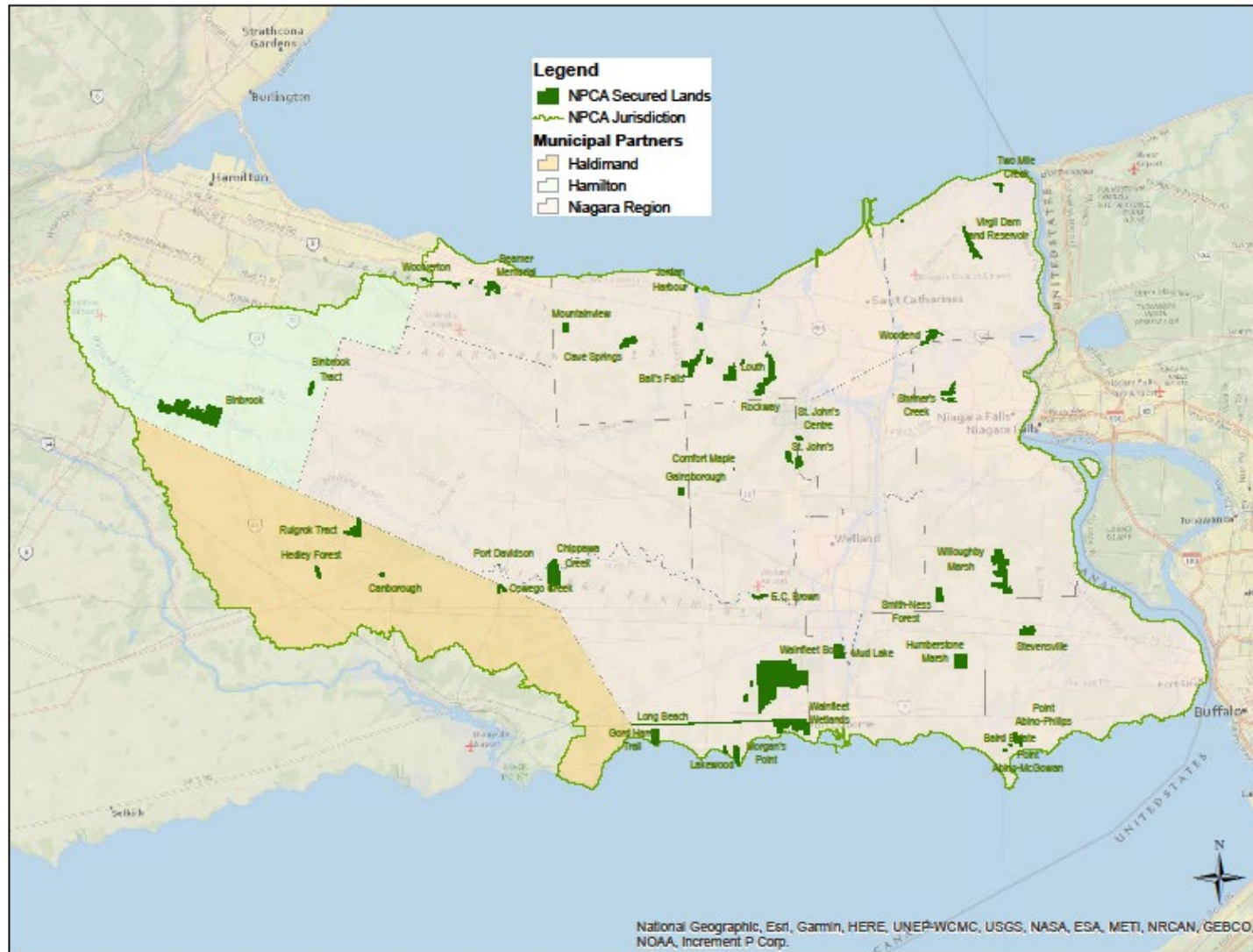


Table 1: NPCA Secured Lands

#	Name	Municipality	Ha
1	Wainfleet Bog	Wainfleet	805.27
2	Binbrook	City of Hamilton	374.28
3	Willoughby Marsh	Niagara Falls	230.13
4	Wainfleet Wetlands	Wainfleet	182.02
5	Chippawa Creek	Wainfleet	149.79
6	Rockway	Lincoln/St. Catharines	125.52
7	Ball's Falls	Lincoln	112.61
8	Humberstone Marsh	Port Colborne	82.39
9	Ruigrok Tract	Haldimand County	73.79
10	Mud Lake	Port Colborne	63.13
11	Louth	Lincoln	62.21
12	Beamer Memorial	Grimsby	57.22
13	Long Beach	Wainfleet	55.83
14	Virgil Dam and Reservoir	Niagara-on-the-Lake	49.70
15	Stevensville	Fort Erie	49.30
16	Woodend	Niagara-on-the-Lake	47.51
17	Cave Springs	Lincoln	43.37
18	Point Abino-Philips	Fort Erie	38.36
19	Smith-Ness Forest	Niagara Falls	37.77
20	Morgan's Point	Wainfleet	37.52
21	Shriner's Creek	Niagara Falls	36.02
22	St. John's	Thorold/Pelham	30.81
23	Mountainview	Lincoln	26.37
24	Gord Harry Trail	Wainfleet	26.92

25	Lathrop	Pelham	20.73
26	Binbrook Tract	City of Hamilton	20.29
27	Woolverton	Grimsby	18.59
28	Hedley Forest	Haldimand County	17.65
29	Gainsborough	West Lincoln	16.04
30	E.C. Brown	Pelham	13.77
31	Two Mile Creek	Niagara-on-the-Lake	8.51
32	Oswego Creek	Haldimand County	7.84
33	St. John's Centre	Thorold	7.44
34	Lakewood	Wainfleet	6.16
35	Canborough	Haldimand County	5.56
36	Baird Estate	City of Hamilton	2.07
37	Point Abino-McGowan	Fort Erie	2.00
38	Eight Mile Creek	Niagara-on-the-Lake	0.79
39	Jordan Harbour	Lincoln	0.72
40	Comfort Maple	Pelham	0.24
41	Port Davidson	West Lincoln	0.19
41	TOTAL		2,946.39

Figure 1: NPCA Secured Lands



Land Securement Partners

It is not uncommon to have several partners involved in the securement of a particular property. Sometimes additional partners are required for funding purposes or assistance with specific expertise (e.g., negotiating leverage, funding) required to secure a property. In other cases, involving title or an interest in title, a partner group may be a better suited land or conservation easement recipient than the original organization involved. There may be a better suited recipient of the land due to funding requirements or because the landowner has requested the involvement of another group based on personal preference. In addition, a landowner may not want to sell or donate their property but is instead willing to have the land secured through a conservation easement agreement. Some circumstances will depend on the unique characteristics of the property, the type of securement method involved, and the requests of the landowner (depending on whether it is a donation or purchase). It is important to note that any partnership involvement that NPCA has in the securement of a property should be viewed as a land securement success. This is also referred to as an “assist.” An assist can include the involvement of staff time, resources, technical expertise, mapping, or funding towards securement of a particular property. Even if NPCA does not end up holding title, an interest in title, or even managing a particular property, any contribution by NPCA is considered a victory. After all, the end goal is to secure these key properties for overall conservation in the watershed.

The following sections describe the various land securement partners and their primary benefits to NPCA as well as their strengths and weaknesses in terms of holding title or interests in title (i.e., conservation easement agreements) to land.

Federal Government

Environment and Climate Change Canada (ECCC) announced in late 2021 that they set a target to protect 25% of lands and oceans by 2025 and 30% by 2030. This commitment comes with funding; however, some monies would have to be accessed by partnering with land trusts. Additionally, conservation authorities are eligible to receive ECCC’s Nature Smart Climate Solutions Fund for land securement projects.

ECCC also administers the Ecological Gifts Program (Ecogifts) which can provide significant tax savings to landowners wishing to donate lands; NPCA is a qualified Ecogifts recipient.

Provincial Government

Provincial parks, and other park lands, are managed for the public by public agencies such as municipalities and the Ontario Ministry of the Environment, Conservation and Parks (MECP) through Ontario Parks. In NPCA’s jurisdiction, there are two provincially protected properties: Short Hills Provincial Park and Wainfleet Bog Conservation Reserve.

The Ontario Heritage Trust (OHT) is somewhat removed optically from the Province yet is still an arm’s length government agency. OHT has conserved several natural heritage properties within NPCA’s watershed.

Beginning in 2021, the Province has committed \$20,000,000 towards land securement until 2025 through a program called the Greenlands Conservation Partnership. Currently, this funding is awarded to the Nature Conservancy of Canada (NCC) and the Ontario Land Trust Alliance (OLTA). Through partnering with a local land trust, the funding could be accessible for NPCA to secure, restore, and manage a property.

Indigenous Governments

There is the potential for the NPCA to partner with local Indigenous organizations to secure lands for the establishment of Indigenous Protected and Conserved Areas (IPCAs) within the watershed. IPCAs are an important tool for reconciliation through conservation and can help the NPCA achieve habitat targets while supporting and maintaining Indigenous cultural knowledge systems. In 2021, the federal government pledged over \$166 million to support the establishments of IPCAs in Canada. This model would involve leadership from local Indigenous governments to secure and manage the IPCA with the NPCA assisting as a partner if the property is in the watershed.

Single and Upper-Tier Municipal Government

In early 2022, relevant staff from NPCA's partner municipalities were contacted to help inform the development of the Land Securement Strategy. The City of Hamilton has its own land securement strategy and Natural Areas Acquisition Fund to provide funding support to CAs and land trusts for eligible securement projects. The City will not use the fund to secure lands for itself to hold title or conservation easements. The funding model is 50 percent of the acquisition or \$50,000. The City has policies within both its Rural (RHOP) and Urban Official Plans (UHOP) that support a Natural Areas Acquisition Fund Strategy. These policies are: RHOP Volume 1 policies C.2.11.1, C.2.11.2 and C.2.11.3 and UHOP Volume 1 policies C.2.2.8, C.2.12.1, C.2.12.2 and C.12.3.

Although the Regional Municipality of Niagara does not have a land securement program in place, there have been staff-level discussions about the possibility of developing such a program like those of other regional Greenbelt municipalities.

The County of Haldimand expressed interest in land securement as they have also mapped their Natural Heritage System. The County has 13% forest cover and ideally wants 25%. Securing existing forests and non-forested lands with potential of reforestation will help them achieve their goal. If NPCA brings forward such a land securement project, municipal staff may consider bringing the project forward to Council for support on a case-by-case basis.

Lower-Tier Municipal Government

Although the lower tier municipalities do not typically secure land for conservation, they all expressed varying interest in land securement. could be securement partners that offer insight and facilitate introductions to key landowners. Additionally, most local area municipalities have Official Plan goals related to environmental protection, restoration, and sustainability. Lower-tier municipalities can be approached for funding support on a case-by-case basis, particularly if the potential securement project offers benefits to the local community and helps the municipality achieve its own strategic objectives.

Land Trusts

Most land trusts are primarily focused on securing natural heritage lands to protect significant ecological features; therefore, it is important for the NPCA to collaborate with land trusts to further its conservation goals through land securement.

Several land trusts operate within the watershed including the Bruce Trail Conservancy (BTC), Niagara Land Trust (NLT), Nature Conservancy of Canada (NCC), and Ontario Nature. Combined, these land trusts have secured over 241 hectares in the watershed. This number is expected to rise but most land trusts are not actively securing more land in the watershed. The BTC has targeted properties along their Optimum Route (OR) which they would very much like to secure but the opportunities are relatively few compared to other areas outside of NPCA's jurisdiction.

The following is a list of land trusts and their potential benefit to NPCA's securement efforts:

American Friends of Canadian Conservation (AFCC) is available to help NPCA with land securement involving American landowners. AFCC can receive donated land temporarily from landowners and issue a U.S. tax receipt. Land would later be transferred to NPCA. There may be few (if any) American landowners currently holding targeted lands in the watershed, but existing lands could be sold to Americans in the future. Additionally, AFCC can also issue U.S. tax receipts to American cash donors to NPCA or its Foundation. To date, there have not been any projects within the watershed that AFCC has been asked to help with.

Bruce Trail Conservancy (BTC) is one of the most active land trusts, but their interest is confined to a narrow corridor along the Niagara Escarpment which they refer to as the Optimal Route (OR). If NPCA takes on a project within the OR, BTC has proven to be a reliable partner. They are highly adept at raising funds to secure land.

Escarpment Biosphere Conservancy (EBC) primarily focuses on securing lands on the Niagara Escarpment and is highly active in their securement activity, but they have yet to secure land south of the 401 Highway. They have expressed interest in securing land in the NPCA watershed. EBC also executes securement projects relatively quickly and would be a potential securement partner both on and off the Escarpment.

Ducks Unlimited Canada (DUC) have a multitude of wetland restoration projects on private lands within the watershed which are in partnership with NPCA. DUC is not actively looking to secure land in the watershed but would consider helping NPCA with some ideal areas especially on coastal areas of the Great Lakes. Securement projects worthy of DUC's consideration must be ideal for waterfowl staging or breeding habitat (e.g., shallow, open water) and have a minimum project size of 40 hectares. DUC does not have a leveraging demand on funds that NPCA need to provide; therefore, they could potentially fund an entire project. DUC also has access to federal land securement funds.

Nature Conservancy of Canada (NCC) is not targeting any areas within NPCA's watershed for securement, but they would be open to help on projects that could expand on their current holding. Additionally, NCC has access to significant federal and provincial funds for securement; therefore,

discussions to access those funds through a partnership with another local land trust should be discussed.

Head-of-the-Lake Land Trust (HLLT) is Ontario's first land trust and acquired its first property for conservation in 1961. The HLLT, managed by the Hamilton Naturalists' Club, has secured ten properties to protect ecologically significant natural heritage in Southern Ontario. Two of the HLLT properties (Vinemount and Short Hills Nature Sanctuary) are situated in the Niagara Peninsula watershed. The group has a strong volunteer base, an active land securement program, and an endowment fund to support ongoing management and maintenance costs.

Niagara Land Trust (NLT) is the newest land trust to the area and has secured two properties so far. As with most relatively new land trusts, they operate entirely with volunteers. There is a high potential for partnering on land securement projects as this is the only land trust that has a watershed wide focus on land securement. While they have their own criteria by which they will accept projects, their geographic scope covers the watershed.

Ontario Farmland Trust (OFT) aims to secure prime agricultural land. Thus far, they have only secured land through donations of conservation easements. These easements have been certified as Ecogifts, which required that they have significant ecological merit. Partnering on securement projects that have prime agricultural land may suit having OFT as a partner. For example, OFT could arrange to retain the arable land for farming and manage it while NPCA takes title to any adjoining forest and/or marginal farmland better suited for ecological restoration.

Ontario Nature is a registered land trust in Ontario and owns the Harold Mitchell Nature Reserve, but securement is not this group's primary role. They are not targeting land to secure in the watershed but if a property has a particularly important ecological feature or function, Ontario Nature may consider assisting with securement and contributing funds.

Other Non-Governmental Organizations

Non-governmental organizations such as the local nature clubs, stewardship councils, and Carolinian Canada Coalition may be helpful to NPCA's securement efforts by providing the following:

- Introductions to key landowners
- Fundraising and community support efforts for protection of an area of specific public interest
- Ecological monitoring/inventory
- Gathering volunteers for invasive species removal
- Trail maintenance

Secured Land

Including lands secured by NPCA, the Province, and land trusts, there are almost 4,000 hectares (1.64%) of protected lands within the watershed (Figure 2). The NPCA has secured the most land in the watershed than all other land securement partners combined (Table 2). However, its neighbouring conservation authorities have secured significantly more land in their respective watersheds. The Grand River Conservation Authority has secured 19,400 ha equating to 2.8% of

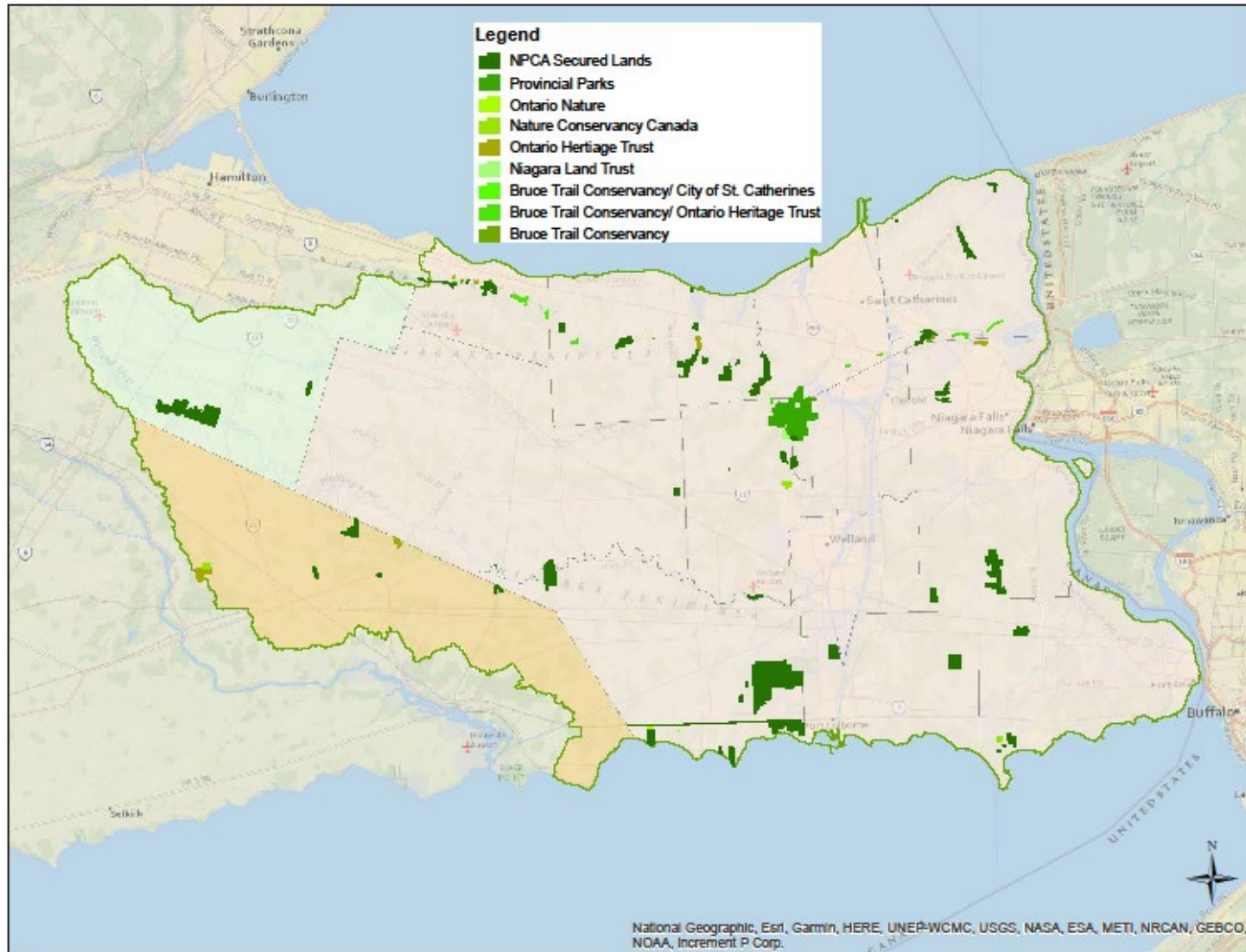
its watershed. Hamilton Conservation Authority has secured 4,603 ha equating to 9.2% of its watershed.

Once the NPCA's Land Securement Strategy is approved in principle, a meeting of all the partners is recommended. Inviting all the above listed partners to a meeting where NPCA staff present this report and receive feedback can lead into a brainstorming session which may bring helpful information towards achieving land securement goals faster and easier. Also, communication between partners can coordinate landowner outreach activities and firm up possible partnerships on upcoming projects. This meeting of partners may evolve into a Land Securement Working Group that could meet once or twice per year to give updates on securement activities and funding programs.

Table 2: Secured Land within Watershed

Partner Name	# of properties	Total area (ha)	% of watershed
NPCA	41	2,946.39	1.22
Ontario Parks	1	645.08	0.27
Bruce Trail Conservancy	48	151.67	0.06
Ontario Heritage Trust	9	133.87	0.06
Nature Conservancy of Canada	3	52.85	0.02
Niagara Land Trust	2	23.16	0.01
Ontario Nature	1	13.92	0.01
TOTAL	106	3,966.94	1.64

Figure 2: Secured lands (all partners)



Securing Land

There are two primary ways to secure lands: holding land title (fee simple) or holding land rights (conservation easement agreement). The following provides a brief overview of these securement tools.

Fee-Simple

The most used method of land securement is fee-simple purchase. In this case, NPCA would purchase full title and rights to a property from a willing seller. A landowner can also offer to donate property using the fee simple method; NPCA has a history of receiving such fee-simple donations.

Conservation Easement Agreement

Conservation easement agreements (CEs) are an effective tool for protecting the conservation values of a property without owning that property because they contain restrictive covenants intended to ensure the protection of ecological features. CEs are legally binding agreements registered on title whereby the landowner transfers specific rights to an easement holder such as a conservation authority such as the ability to create building lots or cut trees.. The easement holder has the right and responsibility to monitor the property (thus the term “easement”) and ensure that the terms of the conservation agreement are being respected. If no easement is granted under the agreement, the agreement can be referred to as simply a “restrictive covenant.”

The purpose of a CE is typically to prevent the destruction of a feature(s) on a particular property. The rights to the uses of a property (i.e., subdivision rights, development rights, and tree cutting rights) can be donated or purchased from the landowner; however, it is more common to have CEs donated. CEs can provide for the protection of a feature, trail construction, and construction and maintenance of rehabilitation works.

To aid in the protection of the natural features, a Baseline Documentation Report (BDR) is prepared and registered on title with the accompanying CE. The BDR takes an ecological inventory and pinpoints other pertinent features, improvements, and disturbances. This reporting at the time of securement identifies all issues for staff to observe and compare to for future monitoring of the property. The BDR offers proof, if needed, for enforcement of the CE restrictions.

Since a property with a CE remains in ownership with the private landowner, NPCA does not have maintenance responsibility nor property tax to pay. However, with the responsibility of monitoring, which is usually an annual minimum, comes the possibility of enforcement and legal defence should a present or future landowner contravene the restrictions of the CE. Even though there are often less upfront securement costs associated with a CE, the ongoing stewardship and possible costs are unpredictable. These costs do not include the need for a legal defense fund should the landowner (usually subsequent owner) breaches the restrictions of the CE.

Methods of Fee-Simple Land Securement

The following section outlines the various fee simple methods which could be employed in the securement of environmentally sensitive or significant lands. These options should be clearly communicated to landowners in person and through web-based media and print publications facilitated through the landowner outreach program discussed later in this strategy. In order to maximize available resources (i.e., financial and staff time), this strategy recommends fee simple donations first (full value or split-receipt), followed by important purchases.

Of all the land securement scenarios, a project often combines several tools. For example, a landowner may decide to donate the bulk of their property via direct conveyance while retaining a life interest on the severed parcel.

Donations

Donations of land or property rights (i.e., fee simple or conservation easement agreements) at appraised value may qualify as charitable donations under the Federal Income Tax Act through the Ecological Gifts Program (or Ecogifts Program). The Canada Revenue Agency (CRA) provides tax incentives to landowners willing to donate ecologically sensitive lands. All Ecogifts are subject to 0% capital gains tax. All lands donated outside of this program remain subject to 50% capital gains. In addition, as part of the program, all appraisals are reviewed by an expert panel of appraisers; therefore, landowners and NPCA can be assured that the appraisal's legitimacy is peer reviewed. These and other advantages of the program are outlined in Appendix 1. Donations can include receipt of lands under specific conditions such as a bequest or gratuitous dedication.

Bequest

Landowners may elect to provide for a gift of land to NPCA in their Will through a bequest. The advantage of making a bequest is that there is no cost during the landowner's lifetime. A bequest can be cost-effective from a tax perspective against the estate and create a legacy for the donor and their family. However, a Life-Interest Agreement (discussed later) serves the same objective and is often better for the donor and recipient because it protects the land sooner rather than later, prevents family members from contesting a Will, and offers the donor a tax receipt to use while alive rather than leaving it for the estate.

Gratuitous Dedication

Typically, Official Plans contain a provision which requires the dedication of environmentally protected lands to a public authority as part of the development process. Implemented through the conditions of draft approval for the subdivision, these lands are generally those associated with a riverine valley system and include the hazard lands associated with that system and the associated access allowances. Further, environmentally protected lands may contain a wetland feature and associated buffer habitats.

Should NPCA be the public authority to which these lands are dedicated, they shall be dedicated free and clear of all encumbrances and an easement(s) for access to these lands may be required. The donor of the property may also be required to pay a stewardship fee, to cover costs associated with the long-term maintenance of the lands, which may include such things as:

- Land management planning
- Research and monitoring
- Land operations
- Land administration

The exact figure of the stewardship fee can be calculated based on the actual costs associated with the property and based on expenditure requirements for an agreed upon timeframe. Alternatively, the industry standard of 15% of the land value could be used, or whichever is greater. The stewardship fee would be paid to the Niagara Peninsula Conservation Foundation (NPCF) in a lump sum payment upon the transfer of lands. Refer to the 'Financing Land Securement' section for more information.

Trade Lands

When a landowner wishes to either donate or bequeath their property but their property does not contain any significant environmental features, NPCA can accept the gift with the intention to sell it. The proceeds from the property sale should be directed into securement of more strategic lands, as agreed upon with the donor. A trade lands policy is recommended to guide this type of decision-making.

Exchanges

In this case, landowners who own property of interest to NPCA may exchange their parcels for surplus lands owned by NPCA that the landowner desires. For example, a landowner wants to expand their farm or have better access to it. In turn, they have a parcel of land that meets NPCA's securement criteria. If the parcel desired by the landowner is not of significant ecological value, NPCA may consider the exchange. While these transactions traditionally consist of the exchange of fee simple interests, they can consist of any combination of property interests. Note that land exchanges are not necessarily acre for acre and any exchange would be based on an appraised value as valley lands would not be valued the same as developable tableland.

Direct Conveyance

A direct conveyance is an acquisition of part of a property through either a fee simple purchase or donation scenario to a government agency. For example, if a landowner has a residence, they may be willing to dispose of most of the property while retaining the residence and amenity area (Figure 3). The advantage of this method is that usually the part of the property severed for conservation purposes does not include the bulk of the value of the property. Therefore, landowners can retain a residential lot and some acreage around their residence or building, allowing them to hold on to most of the property's value. The land severed is then owned and managed by the municipality or conservation authority. The landowner's residence, barn, or working farm field remain adjacent to the now publicly owned conservation lands without the

burden of the costs and liability associated with maintaining and managing a larger property. In addition, if the landowner wishes to sell the property in the future, it will be a significantly more saleable parcel size, which may attract more buyers.

In the situation of a direct conveyance, conservation authorities have an advantage over land trusts with their allowance under Section 50 (3)(e) of the *Planning Act* to create the conveyance without going through the formal severance process.

Figure 3: Direct Conveyance Example



Split-Receipt

A split-receipt can be viewed as either a donation of land or easement, with cash consideration back to the donor, or a purchase of land with a donation of land value in cash back to the purchaser. Once the land value is determined by a qualified appraiser, the percentage of the fair market value of the land to be donated versus the percentage of land to be accepted in cash will be negotiated. Through the Ecogifts Program, the donated portion must be a minimum of 20% of the value to qualify for a split-receipt. Conversely, the landowner cannot receive more than 80% cash for the appraised value.

Fee-Simple Purchase

The most used method of land securement is fee-simple purchase. In this case, NPCA would purchase full title and rights to a property from a willing seller. An Agreement of Purchase and Sale is signed between both parties to clarify the details of the transaction.

There are two additional agreement types that could be utilized in a fee simple purchase:

1. Option to Purchase
2. Right of First Refusal

Option to Purchase

An option to purchase is a contract that would allow NPCA to buy a property at a set price for a stipulated period. It is a written contract by the landowner to sell the property by which they agree to not withdraw the offer of sale during the stipulated deadline. NPCA would likely pay a fee for this option. This mechanism is often used as a means of “buying time” during an attempt to acquire a specific piece of land and allows time to fundraise for the purchase costs. For NPCA, the approach could be used to extend the “window” of buying time into the next fiscal year, if needed.

Right of First Refusal

A right of first refusal is an agreement between a landowner and the potential buyer to match any third party offer to buy the subject property. It sets out the conditions of sale and is registered on title to the property. It is an interim measure giving NPCA the option to acquire a key property in the future. It can be a good tool to use if negotiations have been halted (e.g., due to an unacceptable appraised value). The right of first refusal can also be registered on title allowing NPCA to buy a property that has an existing conservation easement agreement. In this case, NPCA would prefer to wait until they can secure title rather than be the easement holder. Right of first refusal is also a means by which to discourage other potential buyers (e.g., developers) as they will know they have competition and the holder of the first rights has priority. There may be a fee associated with the right of first refusal.

Life Interest Agreement or Lease Back Arrangement

When the vendor/donor wishes to retain an interest in the property, they can enter into either a life interest agreement or a lease back arrangement. A life interest agreement allows the landowner to retain an interest in the property for the duration of their life. This interest can take many forms including use of a family home, cottage, or recreational access to hiking trails. In a lease back arrangement, the landowner sells the property but remains in possession for a specified period while paying rent to the buyer, effectively making the landowner a tenant. In either case, the land can be donated, purchased, or split-receipted. The value of the retained interest would be determined by a qualified appraiser. The agreement would specify a set term or continue if the vendor uses the subject property as outlined in the agreement. Such retained interests can range from passive use (e.g., hiking), medium use (e.g., camping, removal of deadfall trees for firewood), to high use (e.g., residing, agricultural operation).

Land Securement Criteria

The watershed contains a multitude of important natural resources needing protection to sustain life, but it is not feasible to secure all these lands with limited resources. Thus, it is important to prioritize areas for securement by identifying a set of land securement criteria to guide which lands are to be considered and actively pursued for land securement. Overall, the NPCA will use a set of primary criteria focused on watershed features and functions while considering secondary criteria such as parcel size, securement method, and cost.

To be considered, every potential land securement project must pass the first and second criteria screening. There will be times when the NPCA should graciously reject an opportunity, even a donation of land is deemed ecologically important. If a property is relatively small to offer much benefit, is costly or problematic to secure, or is predicted to be more challenging than it is worth to the organization, it should not be a project for the NPCA. Passing it to another securement partner may be the best option.

Watershed Features and Functions

Previous provincial and NPCA-led scientific assessments have identified several key areas in the watershed required to conserve ecological integrity including Areas of Natural and Scientific Interest (ANSIs), Environmentally Significant Areas (ESAs), floodplains, wetlands, habitat of species at risk, etc. While it is understood that these areas are important, they are already mostly protected through policy. Thus, land securement criteria should also focus on protecting and restoring other important features and functions critical for watershed health.

Eligibility criteria of the Ecogifts program and the Conservation Land Tax Incentive Program (CLTIP) (Appendix 2) are suitable filters for determining NPCA's land securement criteria. These criteria apply regardless of if a securement project is to be donated or purchased.

In general, the NPCA will consider the securement of land if any of the following first-level criteria are met:

- Lands in proximity or adjacent to existing NPCA conservation areas;
- Flood control, flood vulnerable, erosion control and reservoir project lands, and their associated access lands;
- Valley and stream corridors, riparian habitat zones, wetlands;
- Great Lakes' waterfront;
- Highly vulnerable aquifers, significant groundwater recharge areas;
- Important woodland/vegetation/habitat linkages, interior forest areas, and/or lands which contribute to the expansion of interior forest habitats;
- Environmentally Significant Areas (ESAs), Areas of Natural and Scientific Interest (ANSI);
- Habitat for aquatic and terrestrial species of concern and sensitive species, including those listed under the *Species at Risk Act* and the *Endangered Species Act*;
- Relevant lands identified in NPCA's watershed and sub-watershed plans, municipal natural heritage systems, and in urban and near-urban areas suitable to provide residents with access to nature;

- Lands identified as Escarpment Natural Areas and Escarpment Protection Areas in the Niagara Escarpment Plan;
- Lands that provide terrestrial and aquatic habitat restoration opportunities, including lands identified as priority for ecosystem restoration;
- Areas that provide linkages for a regional trail system or to other nearby greenspaces (e.g., municipal natural areas, neighbouring conservation authorities).

This extensive list covers an enormous area of the watershed offering many passive land securement opportunities (landowners approaching the NPCA). Conversely, there is too much potential area to actively pursue (NPCA outreach to landowners) within a 10-year timeframe. Even when limiting the criteria for active land securement to only wetlands, ANSIs, and ESAs (in which many of the other criteria overlap) those three features alone cover a daunting area exceeding 19,200 ha or 7.9% of the watershed (Figure 4). While value is impressive, it falls woefully short of the International Union for Conservation of Nature's Aichi Biodiversity Targets of 17% applying to terrestrial lands and inland waters.

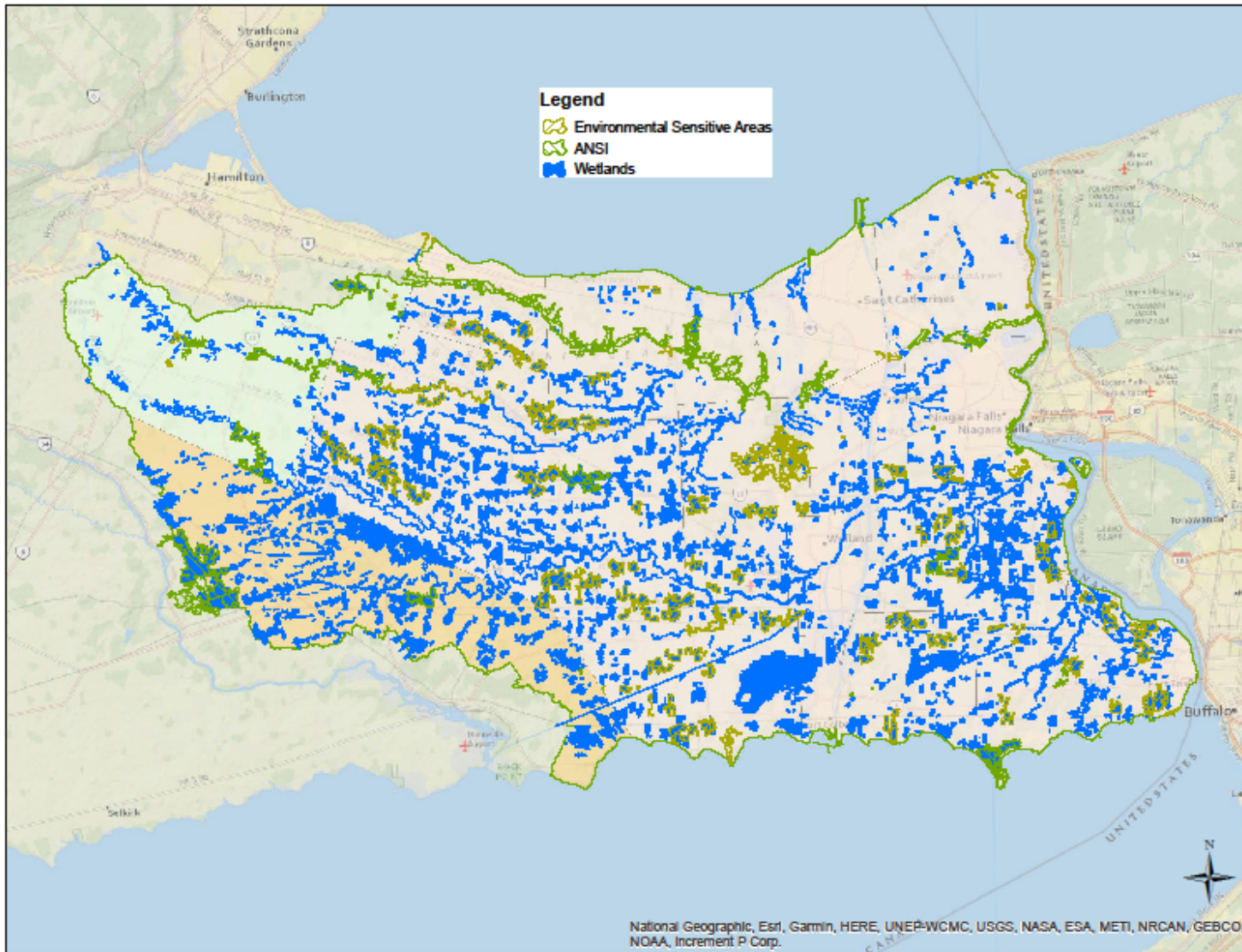
To make a land securement program effective and manageable, additional criteria must be considered. Even though some landowners may offer the NPCA land or a CE that meets the primary criteria, there are securement and stewardship costs that accompany each project. Being selective is important so that resources can be extended to the worthiest land securement projects. After a potential property passes the first screening, it still needs to pass an important secondary practical screening of the following criteria before a decision to secure can be made:

- Size of parcel
- Type of securement form and method landowner prefers
- Cost of stewardship

Parcel Size

Parcel size is one of the most important of the secondary criteria since the time and costs that are required to secure a property are largely independent of size. Therefore, securing large properties are most cost effective at further advancing NPCA's efforts to protect delicate habitats, maintain important natural function, and restore degraded areas. Exceptions to this criterion are when a small parcel is needed for access, to maintain terrestrial corridors or is strategic to secure in some way.

Figure 4: Natural features limited to ESAs, wetlands, and ANSIs



Securement Method

The NPCA needs to consider the securement method that will be most advantageous. In some cases, it may not be best for the NPCA to hold title or a CE. For example, the stewardship of the land may be deemed too costly or the landowner wishes to sell quickly and NPCA cannot foresee raising funds quickly enough. Instead of refusing the offer, the NPCA can still help by bringing in a partner better suited to the land securement method that the landowner prefers.

Alternatively, if a landowner offers to donate some land to the NPCA, the decision becomes much easier to accept, especially if the property passes the first level of screening.

Cost of Stewardship

The cost of managing properties can vary greatly. Passing up on land securement opportunities that are likely to have high ongoing costs is prudent. For example, the NPCA may choose to accept lands that are, or will be, exempt from property taxes through the provincial Conservation Land Tax Incentive Program (CLTIP), regardless of if the land is to be donated.

Additionally, the anticipated stewardship cost of holding title of land or a CE should be assessed. As previously mentioned, CEs have unpredictable stewardship costs whereas taking ownership of land can more easily be budgeted.

The proximity of lands near existing conservation areas is also a key factor in the cost of stewardship. Lands that abut existing NPCA lands should have the least stewardship costs because travel to the site is minimized and there are already stewardship activities on the original conservation area that the new parcel would be absorbed into.

Lands farther away from NPCA properties need to be closely inspected to determine existing and potential stewardship. The cost to address those issues would need to be estimated. If estimated stewardship costs are high, the securement project may be rejected or re-directed to another land securement partner. Before passing on such an opportunity, an investigation of accessing reliable long-term stewardship funds should happen. Additionally, opportunities for income generation that would have nominal or neutral impact on the land could be considered. In either case, a determination through a cost-benefit analysis is required.

Landowner Outreach

A primary goal of any land securement initiative should be to inform the targeted landowners about the various long-term conservation options that are available to them. Most landowners only know about two options when it comes to their land:

- Sell it, or
- Leave it to their children.

Deciding to protect one's property for the long term is a big decision and can take a landowner several years to make. Even if a landowner does not express interest in selling or donating their land when first approached, they will have increased awareness about long-term conservation

should they reconsider such options in the future. As in fundraising, approaching people for land donations also requires patient cultivation. Building relationships and patience is important for successful landowner outreach.

Types of proactive landowner outreach activities are listed below; however, it is possible that some landowners will take the lead in contacting the NPCA to discuss potential donation or sale of their land. This is especially likely if the NPCA maintains a good reputation with target landowners and the community and practices good communication of land securement programs and tax benefits to landowners.

Developing a Landowner Contact List

Landowner contact information (e.g., mailing address and contact person) must be collected so that packages can be mailed and followed-up on. Although landowner emails and phone numbers can be difficult to obtain, there will be a greater chance of connecting with landowners if this information can be collected.

Communication between partner conservation organizations is very important especially in areas where partners are directly involved in landowner outreach. These landowners can be included on the list but making contact should be left to the partner organization to reduce duplicative efforts.

The list should be in a format that is accessible to applicable NPCA staff to review and update and can be created with spreadsheet or database software. A blank example is provided in Appendix 3.

Property Listings

When funding is available, a search for property listings in the target areas should be conducted using www.realtor.ca. Communicating the NPCA's interest in a listing to a listing agent should include explaining the NPCA's conservation goal which should give the realtor and vendor encouragement of a possible sale. It is also an opportunity to explain the various scenarios to acquire the property, either whole or in part.

Land donation options are usually not appropriate to discuss as the realtor expects a commission. However, the landowner could entertain a donation of the bulk of the property while retaining a smaller parcel for the realtor to sell. It is best practice to request a three-way call or meeting (virtual or in person) with the landowner and listing agent.

Landowner Leads

Getting warm leads and introductions can significantly boost any landowner outreach initiative and improve the effectiveness of communications. An introduction bridges trust between parties. There are likely many landowners within the targeted areas that have already interacted with NPCA. Thus, the landowner list should be circulated throughout the applicable NPCA departments to identify any previous interactions between staff and landowners. For those identified landowners that already have shown an interest in conservation (e.g., participated in

tree planting program, wetland restoration), the staff member with the best relationship should approach and arrange an introduction.

Conversely, if past interactions with a particular landowner were not positive or well-received (e.g., denied a permit, violation issued), staff should be cognizant of those past interactions and give due consideration before reaching out to the landowner. If the property is also within an area of interest to a land securement partner, the NPCA could pass those leads to that partner for contact.

NPCA Board members, being well-connected to the community, should also be asked to provide leads and introductions to key landowners in their communities/wards. If a Board member does not know a specific landowner of interest in their area, they should be able to suggest someone who does.

Mail Campaigns

A mail campaign involves sending out an introductory letter (Appendix 4), a brochure outlining the various long-term securement options, and a photo mosaic map of the subject property (potentially showing ecological features). Ecogifts and NPCA program brochures should be excluded from the first mail out to avoid initial disinterest from the landowner. The primary objective is to introduce the landowner to the idea of long-term conservation and “break the ice” so that a telephone call, email, or drop-in visit can potentially be made a few weeks later. Other brochures can be given to the landowner if applicable and as rapport develops.

Telephone Contact

As more people are forgoing landlines, it is harder to find phone numbers for landowners. Nevertheless, Canada 411 can still be utilized. For phone numbers obtained, calling landowners to introduce them to long-term conservation options and other stewardship programs offered can be successful. The objective is to arrange a meeting, ideally on the property, rather than to discuss details over the phone. A face-to-face conversation is a much more engaging and trust-building format. It is highly recommended that this step follows the mail campaign so that the telephone call is not a “cold call”.

Drop-in Visits

Following mail campaigns, some mail is returned due to out-of-date address information or landowners undergoing a recent change of address. If there is no other way to contact the landowner, knocking on the door is prudent to bring the information to them.

Even when packages have been mailed out and presumably received, if a phone number is not available, dropping in is often very effective. Some landowners are interested in exploring the information mailed to them but do not often act on it immediately. The package may get placed in a drawer with good intentions to follow up, but often gets forgotten. Thus, making the effort to reach out personally to ensure the package was received and be available to answer questions or to arrange a meeting at their convenience is well-received.

Having another package on hand to leave at the gate or roadside mailbox for those properties that are gated or warn of no trespassing is suggested. Adding a note or postcard to the effect of

“We would like an opportunity to meet with you to discuss land conservation options that you may wish to take advantage of” may increase the likelihood of a favourable response.

Drop-in visits have been shown to be highly effective. The best times to drop-in are in the warmer weather months when landowners can be engaged outside or not holding the door open.

Landowner Forums

An effective way to meet and engage landowners was at a forum designed to provide them with information on a variety of land conservation and estate planning topics. Landowners can be invited to attend an in-person informational event with topics to learn about land conservation programs available and meet relevant NPCA staff.

To maximize attendance, the following guidelines should be considered:

- Select a date on a weekend or evening
- Include several topics that would be of interest to a rural landowner (e.g., tree planting, restoration, MFTIP, and invasive species such as Emerald Ash Borer), life estate planning
- Do not exceed three hours
- Host at a location near the targeted land securement zone
- Send postcard invitations requesting RSVP
- Follow-up with each landowner to ensure receipt of invitation and ask if they plan to attend, or if they would rather have a private visit/consultation

With the mass use of virtual mediums, landowner forums could be attempted while following the same format above. There are pros and cons to a virtual landowner forum; the best test is to host one. Costs to organize and host such an event would be less than an in-person forum and is likely worth the effort.

Scheduled Site Visits

Once a landowner is contacted and they express some interest in the program, a site visit or landowner visit can be scheduled (if necessary). Meeting with a landowner allows for more free-flowing dialogue. At this time, more information can be provided to the landowner about long-term land conservation options. If the landowner is interested, a Property Evaluation Form can be filled out by NPCA staff (Appendix 5).

Landowner Expectations

When interest is garnered, expectations of timing and value should be managed. Explaining the appraisal and approval process in the beginning is important to prepare landowners and realtors for several months of waiting. This explanation is often more important when dealing with land donation through the Ecogifts Program.

Appraisals can often be disappointing to a landowner’s expectations. Having a third party perform a thorough appraisal will ensure the report is fair and unbiased. Giving a six-week approximation for appraisal completion and another week for internal review helps to explain the lengthy process.

Early Outreach Process

Attempts to contact all identified high priority landowners will commence in 2023. After assessing the uptake and time management of securement projects, the second priority landowners will be contacted.

Based on other landowner outreach programs, it is expected that an average of 10-20% of landowners will express an interest in learning more about land securement. Of these, a smaller percentage will be interested in more detailed discussions. The focus of the work in year 2 of the land securement program implementation not only involves contacting the secondary priority landowners but also requires follow-up with high priority contacts previously established in the first year. It can take several years to cultivate a relationship with a landowner before they are ready to decide to leave a legacy of their land. The landowner outreach process is repeated every year, with new contacts being established and continued relationship building with those expressing interest in the program.

Landowner Outreach Areas

The land securement criteria result in a substantial amount of area in the watershed to ideally be secured; however, as previously mentioned, this is an unsurmountable amount of area and number of projects to warrant active pursuit. Therefore, six Landowner Outreach Areas (LOAs) are proposed to concentrate landowner outreach efforts within the watershed over the next ten years. These LOAs are not given higher priority over other areas in the watershed that meet the land securement criteria; rather, they are intended to focus direct landowner contact to a manageable amount. It is usually simpler and more effective to give attention to specific areas rather than spread efforts thinly across all areas of the watershed.

Using a geospatial analysis together with the application of the specific attributes listed in Table 3, six LOAs were identified in the Niagara Peninsula watershed.

Table 3: Description of the attributes applied to identify LOAs

Attribute examined	Details and rationale
Proximity to existing conservation area(s)	Existing conservation areas are already in highly ecologically valuable areas. A parcel near an existing CA is easier and less expensive to maintain and offers greater ecological benefits.
Watershed features and functions	Parcels meeting multiple primary land securement criteria generally represent a more environmentally valuable area.
Land use	Orthoimagery provides insight into current land use. Parcels with active land use (e.g., gravel pit, golf course, intensive agriculture) should be avoided for landowner contact. Vacant lands that appear to be naturalized or properties with an existing residence, but no other apparent land use have a higher probability of being secured than those in active use.
Large parcel size	Areas containing large parcels (>20 ha) enable securement of a larger area with fewer transactions.
Funding opportunities	The potential funding source available in a particular area can facilitate a land securement project. The proposed LOAs spread out those potential funding sources and increase NPCA's chances of receiving funding.
Geographic distribution	Ensuring securement is distributed across each of the upper tier and single tier municipalities (i.e., Region of Niagara, City of Hamilton, Haldimand County) allows better access to greenspace and environmental benefits across the watershed.

Properties in the vicinity of the conservation areas less than three hectares were removed from the analysis as they would be less likely to be significant land securement targets to fulfil the previously outlined criteria. The exception was Cave Springs LOA because the number of properties within the boundaries are significantly less than the other LOAs. Properties less than 1 ha for the Cave Springs LOA was used as the minimum parcel size.

Within all the proposed LOAs, a total of 9,684 hectares were identified as shown in Table 4.

Table 4: Summary of proposed target LOA data

LOA name	Total Area (ha)	Average Size (ha)
Binbrook	1,792.27	35.85
Wainfleet	1,972.88	19.15
Short Hills/St. John's	1,415.54	11.23
Willoughby	1,757.38	17.06
Ruigrok	2,600.79	41.28
Cave Springs	145.38	10.38
TOTAL	9,684.23	21.10

The data excludes lands already secured by the NPCA and other land securement organizations. As can be seen from Table 4, there is a substantial amount of land just within the proposed LOAs that could be secured; however, as previously mentioned, some properties should be excluded during a more detailed investigation. Furthermore, properties in their entirety will not always be available to secure as some landowners may prefer to divest a portion of a property rather than the whole. Thus, the total area of eligible land to be secured may decrease after a more detailed analysis and the first wave of landowner outreach have been completed.

Land Securement Targets

Setting targets helps provide motivation for NPCA to work toward a measurable goal. An easily achievable target diminishes the importance of land conservation while setting the bar too high can lead to disappointment. The purpose of this section is to set achievable targets that significantly enhance NPCA's conservation efforts.

Land securement successes are often measured in hectares and/or number of properties secured. From Table 4, there are 9,864.23 hectares identified as potentially worthy of securing.

For landowner outreach efforts in the LOAs to commence in 2023, a reasonable minimum securement target is to **secure 10 properties or 200 hectares by 2032**. This target may be achieved earlier than the 10-year timeframe. If so, an updated goal to would be required.

A more aggressive yet reasonable target is to double the minimum target and aim to **secure 20 properties or 400 hectares by 2032**. This target requires regular landowner engagement and additional time for project management, but less than double the time involved. Much of the time is spent on initial landowner contact. By diligently following-up with landowners, the potential for more securement projects increases.

In addition, NPCA will likely continue to receive calls from landowners offering qualified land donations outside the LOAs. These securement projects would also contribute to either target.

Management & Implementation

To evaluate potential securement opportunities in an efficient manner, it is important to screen potential land securement opportunities using the Property Evaluation Form (Appendix 5) to assess each securement project. When landowner outreach commences, there will be multiple projects to assess and a system to track and rank them will be necessary.

Land Securement Project & Evaluation List

Developing and maintaining a list of land securement projects divided into category A for “active” securement projects and category B for “potential” properties for securement will help organize projects and help focus on projects at a glance. Projects in category A will have a signed commitment in the form of a Letter of Intent or an Agreement of Purchase and Sale. Category B would include those properties that have landowners expressing interest in land securement options and warrant further consideration.

Before placing a candidate property on either list, a property evaluation involving desktop analysis and, where necessary, a field investigation should be undertaken. This process will provide an assessment of the merit and stewardship issues of the property. Further, the desire to acquire the property and the landowner’s interest in working with NPCA will need to be assessed to develop a mutually acceptable transaction. The transaction could take the form of a fee-simple purchase, land donation, or split-receipt. Depending on the property history and preliminary site evaluation, additional environmental studies may also be required before completing a land securement transaction (e.g., Phase 1 and/or 2 Environmental Assessment).

When a property has moved to category A, staff should prepare a business case and recommendation for its purchase. Approval by the Board is required prior to any further negotiation. If financing the purchase is approved, the securement process continues (i.e., negotiate agreement, obtain appraisal, commission survey, etc.).

Land Securement Success & Promotion

The term “success breeds success” is highly applicable to any land securement program. Unless confidential, once there is the success of securing a property within a given area, NPCA should

consider the messaging and leveraging of successful land securement projects to generate additional successes. Whether the property was purchased or donated, a single success can be used to generate local, regional, or even provincial attention leading to increased funding, more interested landowners, and better partnership support. Especially in the case of land donations, other landowners may be encouraged to do the same. These landowners can in turn be invited to act as champions in their own communities. Below are best practices for communicating successes:

- Ensure that all partners involved in the securement of a property are given proper recognition
- Invite municipal politicians to the event (include federal representatives if a donation was made through the Ecogifts program)
- Ensure that the event or success is covered by all forms of local media (i.e., newspaper, television, radio, social media)
- Ensure that celebrations and donor recognitions are communicated through internal media such as newsletters, website, social media, etc.
- Use the media articles, newsletters, or other internal communications to send to other target landowners

Land Securement Budget

The NPCA has a current modest reserve dedicated to land securement. As landowner interest increases, more attention to the budget must be given. If there is more landowner interest to sell than the capacity of the budget, negotiations must adapt to ensure budget capacity is secured prior to scheduling property closings.

Relative to conservation land values, ranging from \$2,500 to 4,500 per hectare, the current budget may be insufficient to meet land securement requirements. Thus, an emphasis on landowner outreach to encourage land donations becomes necessary as well as seeking external funding sources to potentially increase the amount of land secured.

Securement Costs

Even with a land securement program that focused only on receiving land donations or taking on purchases that have the purchase price covered by outside funding sources, there are still securement costs. Just one fee-simple land donation has the following approximate associated securement costs (as of 2022):

\$4,500 - \$7,000	Appraisal
\$1,500 - \$4,000	Legal
\$2,500 - \$10,000	Survey (if required)
\$2,500 - \$4,000	Phase 1 Environmental Assessment (if required)
\$8,000 - \$13,000	Baseline Documentation Report (if required, see CE section)
\$5,000 - \$10,000	Staff/contractor time

Some of the costs noted above can be recovered through external programs and sources. Nevertheless, it would be prudent to budget at least \$30,000 per acquisition.

Program Implementation

Once the land securement strategy is approved and resources have been assigned for program development, implementation can begin. As previously mentioned, the first year of program implementation (2023) will be primarily devoted to landowner outreach. As outreach continues, land securement projects may occur concurrently, as a result of each previous year's outreach. The suggested program implementation work plan is as follows:

2022

- Obtain Board approval for the Land Securement Strategy
- Consult with municipal partners, land trusts, Indigenous organizations, NPCF, and Public Advisory Committee for feedback on the strategy and to build relationships toward future land securement
- Develop a land securement program including a budget, outreach and engagement plan and associated materials, landowner contact list, and allocating staff resources

Year 1 of implementation (2023)

- Scan for property listings in LOAs
- Populate a landowner contact list
- Circulate landowner list to people that could be helpful in facilitating introductions and providing background information
- Prepare and mail out landowner information packages in waves of one or two target areas per month
- Follow-up with phone calls and emails where possible
- Conduct drop-in visits with those landowners whose mail has been returned to sender and no other contact information is available
- Determine which landowners are most likely to work towards selling or donating and prioritize closings for the fiscal year and which to carry over, if needed
- Begin securement process, as required (e.g., retain appraiser)

The first year of implementation is primarily gearing up for the follow-through each subsequent year. Each year thereafter involves the same process with the addition of closing property transactions from the previous year, regularly updating the landowner contact list, and reporting on performance metrics.

Stewardship Fund

To provide adequate resources in perpetuity for stewardship related activities on owned properties, a detailing of stewardship costs is required for each new and existing property. There are more stewardships costs involved in the direct management of land that the NPCA owns versus lands under conservation easement agreement. Administrative and conservation stewardship-related costs can be short-term (e.g., tree planting) or long-term costs (e.g., insurance, clean-up, monitoring, etc.). Examples of stewardship costs are listed below as well as their likelihood for successful fundraising.

Land Administration - Carrying Charges

For owned properties: taxes, carrying charges including (but are not limited to) risk management, insurance, access, perimeter signage for adjacent neighbours or trespass. These disbursements are often difficult to fundraise for and are more reliant on operating costs or interest accrued from a stewardship fund.

Conservation Stewardship - Managing Sites

Stewardship costs are determined on a case-by-case basis following a site visit and discussion with the landowner. For owned properties, stewardship activities include (but are not limited to) burning (for ecosystem maintenance), removal of invasive species, restoration, interpretive signage, partner/volunteer support, and community relations. For both owned and CE properties, stewardship activities include (but are not limited to) inventory and site monitoring. These conservation stewardship costs have a greater likelihood of successful fundraising. Stewardship requirements should be assessed and detailed in the Property Evaluation Form (Appendix 5). Further, when the NPCA develops new or updated conservation area management plans, stewardship costs for these areas and any adjoining nature reserves should be identified and detailed accordingly.

Consideration should be given to developing and implementing a stewardship fund through the NPCF and based on the current and future costs of stewardship. The fund would consist of a pool of dollars used to support a specific operating objective consisting of stewardship of conservation lands. The stewardship fund would require a Board approved policy providing a governance framework and terms of reference to guide collection of funds and disbursement of eligible costs. Contributions to the fund may vary with each land purchase and the contribution from a landowner may be a negotiated item, in accordance with appropriate stewardship fund governance framework. For special projects that may be periodic and require additional funding, further fundraising would be required. The amount required in the fund would be determined from the projected stewardship costs and would change over time as the NPCA's property portfolio changes.

Enforcement or Legal Defence Funds

In addition to having a stewardship fund, it is important to consider having a legal defence fund for CE properties. For example, in the event a CE has been violated, the NPCA will take every measure possible to mitigate the situation with the landowner in a friendly way. However, this approach may not always be successful and may require the support of legal counsel or involvement in legal proceedings. The cost of defending a CE could range from thousands to tens of thousands of dollars per property, depending on the situation. By having a separate legal defence fund, resources could be properly allocated, tracked, and managed to ensure that they are in place when needed. The determination of the amount for the fund could be based on the number of CEs and the likelihood of risk of each.

It is the responsibility of the NPCA to uphold its CEs and set a precedent for other landowners. Having a legal defence fund shows the community and future easement landowners that the NPCA is serious about enforcing its easements and protecting the natural features of the watershed.

Land Disposition

The purpose of this Land Securement Strategy is to guide NPCA in conserving land that best fits the aforementioned criteria of maintaining healthy and well-functioning ecosystems. Although the disposition of land seems counter to such a strategy, there are instances whereby disposition would benefit the NPCA's conservation efforts and would provide resources that enable the NPCA to secure higher quantity and quality properties.

As the NPCA does not endorse the sale of lands containing significant features, a Land Disposition Policy should be developed. Where the land still warrants protection, but the NPCA determines that another conservation organization or government agency would be better suited to manage the property, such lands can be transferred with a land holding agreement to ensure the land remains protected.

In either case, for lands that are recommended for disposition, the following practices could be considered for NPCA's Land Disposition Policy:

- a) That all surplus lands be offered "as is".
- b) That a staff report be prepared detailing the technical concerns of the disposition, the environmental significance of the lands, potential impacts of the disposition, and any mitigation requirements associated with the lands and remaining NPCA land holdings. The proponent may be required to prepare an environmental review documenting the above noted matters. The scope of this assessment will be determined in consultation with the NPCA staff, agency staff, and/or their consultants prior to any work being undertaken.
- c) That the proposed disposition of land is first offered to the local municipality and upper tier municipality within which the lands are located for either purchase or lease. Where lands have been acquired through a donation or bequest of lands that do not contain environmentally significant lands and the owner has given permission for the NPCA to use or dispose of the lands as the NPCA desires, the staff report may not be required. This will be determined at the discretion of the Board.
- d) When the disposition involves any lands where the Ministry of Northern Development, Mines, Natural Resources and Forestry (NDMNR) provided funding for the acquisition of the subject lands under section 39 of the CA Act, that the proposed disposition be approved by the MECP (CA Act, Sec. 21 (2))
- e) That all land sales generally be appraised at market value by an Accredited Appraiser Canadian Institute (AACI) qualified appraiser. The sale may be subject to conditions to ensure objectives are met. Where an appraisal of land value is required, the appraisal will be commissioned by the NPCA. Generally, where lands were donated to the NPCA, the family who donated the property will be given first right of refusal or requested for consent to sell unless otherwise stated in the terms of the donation or bequest.
- f) Any proceeds from the sale of any lands shall be used to acquire other conservation lands or be used for the direct care of the existing conservation lands and CEs.

Financing Land Securement

Historically, NPCA hasn't had the benefit of a land securement program *per se*. Land securement has been opportunistic requiring staff and Board reaction. This Land Securement Strategy proposes a proactive approach through the implementation of a landowner outreach program. Random opportunities are still expected and welcomed if they meet the criteria laid out in this report, but such cases cannot be counted on and can distract from a focused approach to achieve the securement targets. Thus, it is important to distinguish between program and project costs.

Program Financing

With the adoption of this Land Securement Strategy there is an acknowledgement of the need for land protection efforts above and beyond NPCA's current conservation activities. To have an effective land securement program, an annual budget will be required to cover the associated costs of implementation. The cost for a land securement program, especially in the first few years, can be nominal compared to other programs by paying for just the essentials. Below are some of the essential program costs:

- One staff member or contractor to do landowner outreach and coordinate securement projects. Additional help from seasonal staff to maintain the landowner database, support mapping updates, conduct site visits, and mail packages.
- Supplies and printing costs for informational handouts and landowner packages (including envelopes and postage)
- Travel expenses to meet with landowners and conduct site visits
- Appraisals (also a project cost but is considered a program cost as not every project comes to a close). When an agreement is signed between the landowner and NPCA, the appraisal becomes a project cost. Prior to that, there should be some monies available for one or two appraisals each year.
- Event/celebration costs (e.g., refreshments if hosting a landowner outreach event or an event to celebrate a project closing), especially a purchase of a property for which there was a successful fundraising campaign.

Project Financing

A securement project is defined as the process of protecting an individual property. Securing land is never free of costs even when land or a conservation easement is donated. Land securement "soft" costs for projects were outlined in the preceding sections of this strategy. Financing land securement is important to be able to successfully execute this Land Securement Strategy.

Funding for securement projects can fluctuate. Additionally, funding sources have their own eligibility criteria. As such, some funding can be received directly while other sources need to be obtained through securement partners or combined from multiple sources. Traditionally, funding for land securement projects have been from government and charitable foundations.

Government Funding

As was stated in the Land Securement Partners section of this document, there are federal and provincial funds available to exclusively to land trusts requiring NPCA to establish a partnership. The partnership may require the land trust to be the primary or sole applicant and be the one to hold title to the property or hold the CE.

Some municipal funds are available on a case-by-case basis that would be beyond NPCA's regular levy. For example, the City of Hamilton has a fund earmarked for land securement applicants. The other upper tier and single tier municipalities in the watershed do not have land securement funds yet; nevertheless, partnering with a municipality on a land securement project that benefits their community should be brought forward. In most cases, municipalities will expect to have their funds leveraged.

Niagara Peninsula Conservation Foundation

The Niagara Peninsula Conservation Foundation (NPCF) raises funds exclusively for NPCA projects and programs. The NPCF should have a list of environmentally giving foundations and private individuals that would contribute funds towards land securement projects. The NPCF should be engaged to discuss raising funds for land securement projects and launching project campaigns.

Project Campaigns

When a property purchase can be made that could excite the community, NPCF and NPCA (possibly with partner support) should launch a fundraising campaign for the securement of that property. In such a case, a long closing date would be negotiated with the seller to allow sufficient time to fundraise (e.g., 9 - 12 month closing). Such campaigns have proven to be effective beyond just closing the intended property transaction. They also boost public awareness and support of the land securement project and overall program. Such "flagship" property acquisitions should be encouraged every couple of years to keep the public interest high.

When considering campaigning for a property purchase, it is prudent to have a high degree of confidence of closing the transaction in the proposed timeframe. If half the funds are reliably available, launching a successful fundraising campaign becomes easier. Knowing that more than half of the funds have been raised gives more assurance that the project will close. Furthermore, an exact closing date creates a sense of urgency and encourages people to donate.

People are motivated to donate cash towards a property that have a perceived benefit to them. If a property can be used by the public in a way while also protecting the bulk of the land from intrusion, the use can be promoted. For example, the Bruce Trail Conservancy (BTC) have been highly successful in its fundraising campaigns because each acquisition allows people to hike more trail. BTC typically runs two securement campaigns each year because of all the trail enthusiasts in its membership.

Conservation Impact Bond

The Conservation Impact Bond (CIB) is a new instrument being applied by multiple stakeholders in southern Ontario to address the conservation funding gap and create healthy landscapes in

the spirit and practice of reconciliation with Indigenous communities. The CIB initiative is facilitated by the Carolinian Canada Coalition. There is an opportunity for the NPCA to become a partner (e.g., habitat grower) as part of a Niagara Peninsula CIB. To date, there are no detailed eligibility criteria other than the project must further biodiversity efforts; however, it is possible that the CIB could be used to fund a land securement project.

Land Trusts

Beyond land trusts' eligibility to access government funding for securement projects, they are also able to fundraise for projects that are meaningful to them. For example, a land securement project that abuts an existing secured property held by a land trust such as NCC or Ontario Nature may be of great enough interest to them to want to contribute.

Even the smaller land trusts such as the Niagara Land Trust also have a role to play. They may be able to do some local fundraising on behalf of a securement project that is important to them.

Creative Financing

When funding partners are not enough, individual securement projects can also be funded creatively. Some examples follow:

Loans and Debentures

Though not desired, in some special circumstances, securing a loan may be appropriate as part of an acquisition process. A loan to close on a property should be considered in only two cases:

- There is income derived from the property that a cash flow analysis demonstrates will provide a positive cash flow
- The loan is zero or very low interest and there is sufficient time before the end term to raise the required amount

In either of the two cases, negotiations for closing dates of other purchases should be postponed until all loans have been paid in full.

Similar to a loan, a conservation authority may issue a debenture to raise long-term project capital. This approach can be considered for projects whereby funds need to be raised over a few years before payback of the debenture.

Flipping Land with a Conservation Easement

Some land trusts (primarily in the United States) have used the practice of flipping a property once an easement is applied to title. The concept is that they buy a property with conservation value, put a conservation easement on the property, then sell the property again. The funds from the sale go back into the land securement project fund.

Conservation Offsetting for Species at Risk

Some conservation authorities have been approached by the Ministry of Northern Development, Natural Resources and Forestry (NDMNRF) for land securement when a developer in their watershed requires a permit under the Lakes and Rivers Improvement Act. For example,

NDMNR asked the Credit Valley Conservation Authority (CVC) to provide ideal locations suitable for Bobolink (*Dolichonyx oryzivorus*) habitat that CVC could likely secure with funding. The developer paid CVC to acquire and restore marginal farmland to provide suitable habitat, and the developer received a permit from NDMNR. Conservation offsetting is common in the U.S. and becoming more popular in Canada in recent years. This approach recognizes that developers are already required to 'offset' impacts through legislation such as the *Species at Risk Act*. Land securement and restoration for sensitive habitat can be used as an opportunity through this approach.

Revenue Generation

Revenue generation potential is something to consider when acquiring a property. If the property can generate income beyond operating costs and such income-generating activities are congruent with NPCA's mission, then revenue generating capacity should be considered in both securement and financing of prospective properties. With recent changes to the *Conservation Authorities Act*, the NPCA will need to carefully evaluate if revenue generation is appropriate as it may have other implications. Table 5 below showcases some examples of potential activities that could generate income to help offset land securement and operational costs.

Land Sale Funding

As previously stated in the Land Disposition Policy section of this report, the sale of land could benefit land securement finances by raising funds in the following ways:

1. A donated property, which does not meet criteria and considerations, could be sold with proceeds used to purchase environmentally significant land. For example, land gifted simply as an asset to be sold for capital like donations of stock or annuities.
2. Securing the whole of a property and then severing and selling off the house/building lot. This approach would only be desirable if the seller did not wish to sell a conservation parcel to NPCA at the outset or if there are timing issues regarding a potential severance and the seller's need to sell. This scenario has been used successfully by BTC multiple times.

Summary

There are numerous ways to fund land securement projects, often with the use of partners. Partners and funders change over time. Some new ones show themselves and other fairly reliable sources can drop off. It is important to investigate status of partnerships, funding criteria and eligibility, and search for new prospects annually.

To access funding and have a successful land securement program, it is imperative to fund the land securement program first. This seed funding can go a long way to leverage hundreds of thousands or even millions of dollars over the next ten years.

Table 5: Potential Revenue Generation Activity

Activity	General Overview
Forest management	Sustainably managed forest activities. Money made from selling timber products.
Recreation – passive	Passive recreation like trails, photography, geocaching, etc. Money made from user, entry permit fees.
Accommodations	Camping and Bed & Breakfast type establishments. Reservation fees.
Green Burial / Memorial Forest	Using conservation land to bury people in a sustainable way and/or use unplanted open areas to plant trees in memoriam.
Retail/commercial permits	Using buildings to rent out for commercial / storage purposes which NPCA would receive rent and/or privatization of concession services which NPCA would receive a percentage of profit.
Landlords	Renting out existing houses to private individuals for housing. Money made through monthly rent.
Events	Permits for hosting corporate, filming, and wedding events on conservation areas. Money made by permit fees.
Agriculture – General	Either practicing agriculture or leasing out land to farmers.
Agriculture – Biofuel	Agricultural practices to produce biofuel which can be sold back to distributors.
Historical interpretative centers	Educational centers / historical interpretative centers open to public.
Community garden/orchard	Open spaces of portions of parcels could be converted to garden areas for those from urban areas without garden space.
Crowd funding	Encouraging park support from community through crowd funding platform.
Research / Academia	Research station offering to rent facilities, space, access.

Recommendations

The following is a list of recommendations to successfully implement and achieve the securement targets of this Land Securement Strategy:

1. Develop and adopt policies that guide decision-making regarding land acquisition and disposition, as per *Conservation Authorities Act Regulation O. Reg 686/21 (Sec. 9 (2)(vi))*.
2. Develop and implement a land securement program including:
 - a. staff and financial resource allocations
 - b. annual work plans and targets and performance measures
 - c. outreach and engagement plan and associated collaterals
 - d. internal staff team to evaluate potential land securement projects from technical, operational, and financial perspectives
 - e. land acquisition reserve in accordance with NPCA board-approved reserve policy
3. Ensure NPCA Indigenous engagement guidelines support opportunities to work together on land securement.
4. Engage with land securement partners to obtain feedback on the land securement strategy and establish connections that facilitate future securement collaborations.
5. Form a Land Securement Working Group (comprised of land securement partners and funders) to collaborate on potential securement projects. The group should meet a minimum of annually.
6. Collaborate with the Niagara Peninsula Conservation Foundation to develop and implement a stewardship fund.
7. Collaborate with the Niagara Peninsula Conservation Foundation to launch fundraising campaign(s) for land securement.
8. Proactively seek funding opportunities and explore the feasibility of non-conventional funding options for securement projects.

Conclusions

As of early 2022, the NPCA has secured almost 3,000 hectares of ecologically significant land. In combination with lands protected by partner government agencies and land trusts, almost 4,000 hectares have been protected within the watershed. These joint efforts equate to over 1.6% of the total land area in the watershed being secured for conservation—far below the recommended federal and international biodiversity targets.

This Land Securement Strategy provides the criteria for the NPCA to react decisively to land donation offers and conservation easements. It also acts as a 10-year guideline for the NPCA to secure high-priority lands through proactive landowner outreach and strategic land securement. With a concerted effort in active targeted landowner outreach within the proposed six LOAs, NPCA can secure a minimum of 180 hectares by 2032. As landowner outreach and land

securement projects occur, momentum of the land securement program will likely increase and give rise to more landowner and funder/partner interest. If executed consistently, the more aggressive land securement target becomes attainable.

Minimum Securement Target

The securement of 180 hectares total by 2032 would aim for the following:

- Secure an average of 20 ha annually
- Secure an average of 1 property per year

Aggressive Securement Target

A target of 360 hectares total by 2032 can be achieved by increasing landowner outreach to all target areas and expedite the internal decision making and approval process.

- Secure an average of 40 ha annually
- Secure 2 properties per year

The information presented in this strategy is for a ten-year timeframe (2022-2032). Annual progress on land securement efforts will be highlighted in the NPCA's annual report. A review will occur after 5 years of implementation to assess progress and adjust accordingly. The NPCA Land Securement Strategy should be reviewed and revised in 2032.

Appendix 1: Ecological Gifts Program

The Ecological Gifts (Ecogifts) program enables owners of property with ecologically sensitive natural features to preserve wildlife habitat. Ecogifts are qualified charitable land donations that generate enhanced income tax benefits. Donations of fee simple title and partial interests, including conservation easements, are eligible. In many scenarios, the landowner can continue to hold title and/or live on the land.

To qualify as ecologically sensitive, the land must satisfy at least one criterion from the 'A' List of Specific Categories of Qualified Lands and one or more from the 'B' List of General Criteria for Other Ecologically Sensitive Lands (see below).

Gift recipients include land trusts and other conservation charities, and government agencies chosen by donors and approved by the federal government. Donors of Ecogifts receive a donation receipt for the fair market value of the gift.

Ecogifts receive tax treatment that is superior to most other charitable gifts. Program tax advantages include:

- Eliminated taxable capital gain on the disposition of the property
- No income limit for calculating the tax credit/deduction
- Donation value certified by the Government of Canada
- Tax liability for recipients that do not protect the gifted land

The process of making an Ecogift is relatively straightforward. The donor will basically have two steps to complete that include providing: (i) information to support the evaluation of the land as ecologically sensitive, and (ii) an appraisal of Fair Market Value by a qualified appraiser along with a signed Application for Appraisal Review and Determination. The donor and recipient will generally cooperate on the application to confirm that the property qualifies as ecologically sensitive. The recipient will also often help the donor arrange for the appraisal of fair market value.

Provincial Ecological Sensitivity Criteria for Ontario

A) Specific Categories of Qualified Lands

Lands, easements, or covenants relative to such lands, which fall into one or more of the following categories shall be deemed to be ecologically sensitive lands in Ontario provided the terms of easements or covenants protect the ecologically sensitive features of the land.

A1. Significant portions of the habitat of species determined to be endangered, threatened or vulnerable in Ontario, as specified in a recovery plan or other biological study;

A2. Areas designated as Provincially Significant Wetlands;

A3. Provincial or regional Areas of Natural and Scientific Interest;

A4. Designated Areas of Concern for biodiversity purposes as identified in Forest Management Plans;

- A5. Areas qualifying for the Conservation Land Tax Incentive Program;
- A6. Areas managed for wildlife habitat conservation purposes that qualify under the Managed Forest Tax Incentive Program;
- A7. Areas promoting the conservation of natural heritage and biodiversity that are identified within a regional or watershed plan or strategy developed by a recognized conservation organization;
- A8. Areas designated as a World Heritage Site for biodiversity conservation purposes, a core area of a UNESCO Biosphere Reserve, or a Wetland of International Importance under the Ramsar Convention;
- A9. Areas of biodiversity significance identified in a Canadian Heritage Rivers Management Plan or Strategy;
- A10. Areas designated in the Niagara Escarpment Plan as an Escarpment Protection Area or an Escarpment Natural Area;
- A11. Areas designated as Natural Core, Natural Linkage, Sensitive Hydrological Feature, High Aquifer Vulnerability, Significant Landform, Minimum Areas of Influence or Minimum Vegetation Protection Zones within the Oak Ridges Moraine Conservation Plan;
- A12. Areas designated Core Area, Corridor or Restoration Area in the Lake Ontario Greenway Strategy;
- A13. Areas designated for biodiversity conservation purposes within Management Plans or Strategies for the Trent-Severn or Rideau waterways;
- A14. Areas within a municipal official plan or zoning by-law under the *Planning Act* (Ontario) designated as an Environmentally Sensitive Area, Environmentally Significant Area, Environmental Protection Area, Restoration Area, Natural Heritage System or other designation for similar purposes that are compatible with the conservation of the biodiversity, ecological features and functions of the site;
- A15. Areas within or adjacent to a Provincial Park, Provincial Park Reserve, Conservation Reserve, Conservation Area, Wilderness Area, Provincial Wildlife Area, National Wildlife Area, Migratory Bird Sanctuary, National Park, National Park Reserve or Ecological or Nature Reserve managed by a government or non-government agency;
- A16. Municipal parks or other protected areas designated or managed for biodiversity conservation purposes;
- A17. Areas identified as Carolinian Canada sites or alternate sites;

A18. Areas designated as Core Natural Area, Natural Area Buffer, Natural Area Link, or Valued Ecosystem Component in the National Capital Greenbelt Master Plan by the National Capital Commission; and

A19. Areas designated for biodiversity purposes by regional agencies such as the Niagara Parks Commission, St. Clair Parkway Commission, St. Lawrence Parks Commission and the Waterfront Regeneration Trust.

B. General Criteria for Other Ecologically Sensitive Lands

Lands, easements, or covenants relative to such lands that meet one or more of the following general criteria may also be considered to be ecologically sensitive lands in Ontario -- subject to the approval of the federal Minister of the Environment and Climate Change (MOECC) or a person delegated by the Minister for this purpose (the term "significant" for the purposes below refers to definitions provided in Provincial Policy Statements): This is provided terms of easements or covenants regard and protect the ecologically sensitive features of the land.

B1. Significant habitats such as alvars, prairies, cliffs, Great Lakes coastal habitats, old growth forest areas, glacial relic communities and sites with enduring geological features that contribute to biodiversity;

B2. Areas of wildlife concentration such as bat caves, snake hibernacula, heronries, deer wintering yards and sites used by migratory water birds and other species for seasonal staging, feeding, breeding and like purposes;

B3. Areas identified, designated or protected as ecologically significant or ecologically important by a government or non-government local, provincial, national or international system or body;

B4. Significant water bodies, rivers, streams, shorelines, valleys, wetlands, groundwater recharge areas, headwaters and aquifers;

B5. Significant wildlife or fish habitats;

B6. Significant woodlands;

B7. Areas that have significant current or potential for enhanced ecological values through restoration, remediation, management or geographic proximity to other ecologically significant properties;

B8. Natural buffers and adjacent lands around areas identified under other ecologically sensitive lands categories or criteria that contribute to the conservation of biodiversity;

B9. Natural links or corridors between areas identified under other ecologically sensitive lands categories or criteria that contribute to the conservation of biodiversity;

B10. Areas used for long-term scientific study or baseline and benchmark monitoring of biodiversity; and

B11. Areas that contribute to Canada's environmental heritage through the maintenance of the genetic diversity of species, ecosystem health, or landscape biodiversity, and other natural spaces of significance to the environment in which they are located.

The categories and criteria listed above, for the purposes of implementation of provisions in the *Income Tax Act* for Ecogifts, have been agreed to by representatives of the governments of Ontario and Canada. This list and criteria may be further elaborated and amended by agreement between MOECC and the MECP.

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Appendix 2: Conservation Land Tax Incentive Program

Only lands identified by the NDMNRF as provincially significant are eligible for the CLTIP. These are a small subset of lands found in a natural state in Ontario. The eligible types of land are:

Provincially Significant Wetland

Wetlands are lands covered by shallow water all the time, or in certain seasons, as well as lands where the water table is close to or at the surface. The abundant water causes the soil to be waterlogged and encourages growth of plants that either love the water or tolerate it well. Periodically soaked or wetlands that are being used for agricultural purposes and that no longer have the characteristics of wetlands are not considered wetlands under this program. Wetlands play a crucial role in the province. They:

- Provide vital habitat for rare and endangered wildlife and many other species;
- Maintain and improve water quality;
- Help stabilize shorelines and control flooding and erosion;
- Provide spawning grounds for fish;
- Help ensure a stable, long-term supply of water by functioning as groundwater recharge and discharge areas;
- Supply many social and economic benefits, such as opportunities for outdoor recreation and tourism; and
- Ensure opportunities for the renewable harvest of products such as timber, fuel wood, fish, wildlife and wild rice.

The NDMNRF has evaluated many wetlands more than 2 hectares in size, both in southern Ontario and parts of northern Ontario. Only wetlands that NDMNRF has identified as provincially significant are eligible under the CLTIP.

Provincially Significant Area of Natural and Scientific Interest (ANSI)

ANSIs are areas of land and water that represent significant geological (Earth Science, ANSI-ES) and biological (Life Science, ANSI-LS) features. Earth Science ANSIs include areas that contain examples of rock, fossil, and landform features in Ontario. These features are the result of billions of years of geological processes and landscape evolution. Life Science ANSIs are areas that contain examples of the many natural landscapes, communities, plants, and animals found in the 14 natural regions of the province. NDMNRF identifies ANSIs that are 'provincially significant' by surveying regions and evaluating sites to decide which have the highest value for conservation, scientific study, and education.

Habitat of Endangered Species

An endangered species is any native species that is at risk of extinction or extirpation throughout all or a significant portion of its Ontario range. For purposes of the Conservation Land Tax Incentive Program, endangered species are those listed in regulation under *Ontario's Endangered Species Act*.

The 2002 adoption of Canada's *Species at Risk Act* (SARA) completed the National Strategy for the Protection of Species at Risk. The purposes of SARA are to prevent wildlife species in Canada from disappearing, to provide for the recovery of wildlife species that are extirpated (no longer exist in the wild in Canada), endangered, or threatened as a result of human activity, and to manage species of special concern to prevent them from becoming endangered or threatened.

Through these initiatives, Canada is making its commitment under the United Nations Convention on Biological Diversity a reality.

Endangered species habitat is the habitat necessary for the survival of populations of endangered species. The specific requirements of the various endangered species are set out in NDMNRF guidelines for mapping this habitat. These guidelines are used to delineate endangered species habitat on a species-by-species and site-by-site basis.

A list of regulated endangered species in Ontario with NDMNRF rankings is published on the Species at Risk in Ontario (SARO) webpage: www.ontario.ca

Eligibility criteria for the new category are outlined in *Ontario Regulation 388/04* under the *Assessment Act*. Agencies interested in applying under this category should review this regulation.

Size

The conservation land must be at least 1/5 of a hectare in size. Therefore, if there is a building or structure on the property, the property must be greater in size.

Buildings and Improvements

The CLTIP does not provide tax relief for buildings or other improvements and associated land (the land associated with a structure or improvement is generally considered to be 2/5 hectares).

Appendix 3: Example Landowner Contact Database

Roll #	Legal	Address	Size (ha)	Vacant?	Owner	Contact Person	Mailing Address	Phone	Email	Assigned to	Date of Contact	Contact Method	Last Contact	Notes	Next Steps

Appendix 4: Sample Landowner Contact Letter

Date

Dear [insert landowner name]:

You may already be aware that the natural areas on your property are ecologically important. Have you ever thought about creating a conservation legacy by having the natural features of your property protected in perpetuity for future generations?

I have enclosed an information package about an environmental land conservation program offered by NPCA and its partnering land trusts. In accordance with your wishes, you can arrange for the natural features on your land to be protected in perpetuity. We are working with a wide range of conservation partners, both public and private, to provide land conservation opportunities to landowners, some of which offer tax advantages.

Please contact me at xxx-xxx-xxxx if you wish to learn more about the program. I would be happy to arrange a time to discuss land conservation options with you.

Yours in conservation,

[Insert NPCA Staff name]

Appendix 5: Sample Property Evaluation Form

A. Property and Owner Particulars

Owner Information (Name, Phone No., Email)	
Legal address	
Mailing address	
Roll No.	
Family members and/or agent contact info	
Primary contact	
Sub-Watershed	
Property Size	
Current Official Plan Designation(s)	
Current Zoning Designation(s)	
How was contact made?	
Motivation of landowner (e.g., cash sale, conservation, curiosity, tax benefits)	
Existing Mortgage (Y/N)	
Tax Assessed Value (note year)	
Comments	

B. Preliminary Property Investigation

Property Attributes	Yes/No/Not Applicable	Comments
Adjacent to other public lands or private conservation lands		
Tax Exempt (CLTIP, Easement)		
Contains features eligible for the Ecogifts Program		
Part of an identified municipal or provincial greenspace system		
History with the permits, complaints, and violations		
Previous positive NPCA involvement (e.g., stewardship or restoration projects, donor)		

The ecological sensitivity of the subject lands is based on the following priority and secondary land securement criteria:

C. Priority Securement Criteria

Property Attributes	Yes/No/Not Applicable	Comments
Provincially Significant Wetland		
Areas of Natural and Scientific Interest (Earth or Life Science)		
Habitat of Endangered Species (<i>Ontario Endangered Species Act</i>)		
Natural Heritage Features or Areas identified in the Provincial Policy Statement		
Regionally Significant ANSIs		

Property Attributes	Yes/No/Not Applicable	Comments
Habitats of species of special concern designated by MNRF (species at risk)		
NHIC species occurrences or ecological communities (S1, S2, S3).		
Designated Natural Area, Protection Area or Rural Area in the NEP		
Designated Natural Core, Natural Linkage		
Natural heritage areas identified within a regional or watershed plan or strategy developed by a CA under the CAA.		
Lands designated environmentally significant, environmental protection or equivalent in municipal Official Plans		
Areas within or adjacent to protected areas (i.e., provincial park, conservation reserve, or provincial wildlife area) that contribute to the natural heritage objectives of the protected area.		
Other criteria as may apply under the CLTIP program requirements.		
Distance to closest NPCA lands		
Identified NPCA property securement considerations		

D. Secondary Securement Criteria

Property Attributes	Yes/No/Not Applicable	Comments
Areas with enhanced ecological values through restoration and/or remediation (i.e., forest, stream, wetland)		
Groundwater recharge areas, headwaters and aquifers		

Property Attributes	Yes/No/Not Applicable	Comments
Lands under Forest Management Plans (designated areas of concern for biodiversity)		
Natural buffers and adjacent lands under other ecologically sensitive lands that contribute to conservation of biodiversity		
Natural links or corridors between areas identified under other ecologically sensitive lands that contribute to conservation of biodiversity (i.e., through Natural Heritage Programs or Watershed Plans)		
Regional Floodplain (flood and erosion risk)		
Significant waterbodies, rivers, streams, shorelines and valleys		
Significant wildlife or fish habitats		
Significant Woodlands		
Wetlands		

E. Determination whether securement is the most appropriate course of action to protect natural heritage lands

Criteria	Yes/No/Not Applicable	Comments
Are the lands significant in the context of the overall natural heritage system?		
Availability of funding for securement (purchase, donation, easement, appraisal, legal, survey etc.).		
Availability of funding for ongoing maintenance		
Is there an immediate threat to the lands?		

Criteria	Yes/No/Not Applicable	Comments
Proximity of property to lands already in public ownership		
Willingness of owner to enter into negotiations		
Sale price at fair market value		
Availability of maintenance access to the property		
Potential municipal lease agreement		
Preferred agency for securement (e.g., NPCA, Municipality, or other)		

Summary and Recommendation for Securement

Evaluated by: _____ **Date:** _____

Attach overview/locator map and property sized map